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הנדון: דו"ח מסכם עבור סקר קרקע וגז קרקע (Phase II) בשטח תכנית תמ"ל 1023

סימוכין: (1) עדכון תכנית לביצוע סקר קרקע וסקר גז קרקע (Phase II) בשטח תכניות תמל 1023 ו- רג 1849 (אקולוג, 21/07/2019).

שלום רב,

חברת אקולוג הנדסה בע"מ (להלן: אקולוג) מתכבדת להגיש בזאת דו"ח סיכום ממצאים עבור סקר קרקע וגז קרקע אקטיבי בשטח תכנית תמ"ל 1023 (להלן: האתר). מסמך זה מפרט את שלבי העבודה שבוצעו במסגרת חקירת הקרקע, שיטות לביצוע קידוחי קרקע ודיגומים, מיקומם, סיכום ממצאי האנליזות הכימיות והמלצות להמשך עבודה. חקירת הקרקע בוצעה עבור "החברה לשירותי איכות הסביבה" (להלן: "מזמין העבודה").

אנו נשמח לעמוד לרשותכם בכל שאלה שתעלה.

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אקולוג הנדסה בע"מש

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העתק: בן דרור קולין, החברה לשירותי איכות הסביבה.

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1 תקציר מנהלים

סקר קרקע וגז קרקע אקטיבי בוצע בשטח תכנית תמ"ל 1023 (להלן: "האתר") בין החודשים דצמבר 2019 עד יולי 2020. חקירת הקרקע בוצעה בהתאם לתכנית הדיגום המאושרת (סימוכין 1). במסגרת החקירה בוצעו בשטח האתר 12 קידוחי קרקע לעומק של 4 מ' מתחת לפני השטח ו-105 קידוחי גז קרקע אקטיבי לעומק של 10 מ'. תכנית הדיגום כללה התייחסות גם לשטח תכנית ר"ג 1849, בשטח הסמוך לשטחה של תכנית תמ"ל 1023, אך לבקשת מזמין העבודה בוצעה החקירה רק בשטח תכנית תמ"ל 1023 ומסמך זה מתייחס לחקירה זו בלבד.

ממצאי סקר הקרקע מראים כי בכל קידוחי הקרקע שבוצעו **לא נתגלו ממצאי שדה חריגים או ריכוזים חורגים מערכי המטרה VSL עבור מזהמים מסוג תרכובות דלקים ונגזרותיהן (אנליזת TPH), חומרים אורגנים נדיפים (VOC) ונדיפים למחצה (SVOC).** עבור אנליזת המתכות, לא נתגלו חריגות מערכי המטרה למעט ארבע (4) תוצאות חורגות של ריכוזי ברזל, בטווח ריכוזים של 11,800 – 21,400 מ"ג/ק"ג, כאשר ערך המטרה הינו 10,165 מ"ג/ק"ג (IRBCA ינואר 2020, המשרד להגנת הסביבה). יש לציין כי ריכוזים אלה אינם חורגים מערכי ה-TIER1 וסביר להניח שמקור הברזל הינו בריכוז הטבעי בקרקע ולא בתוצאה מזיהום.

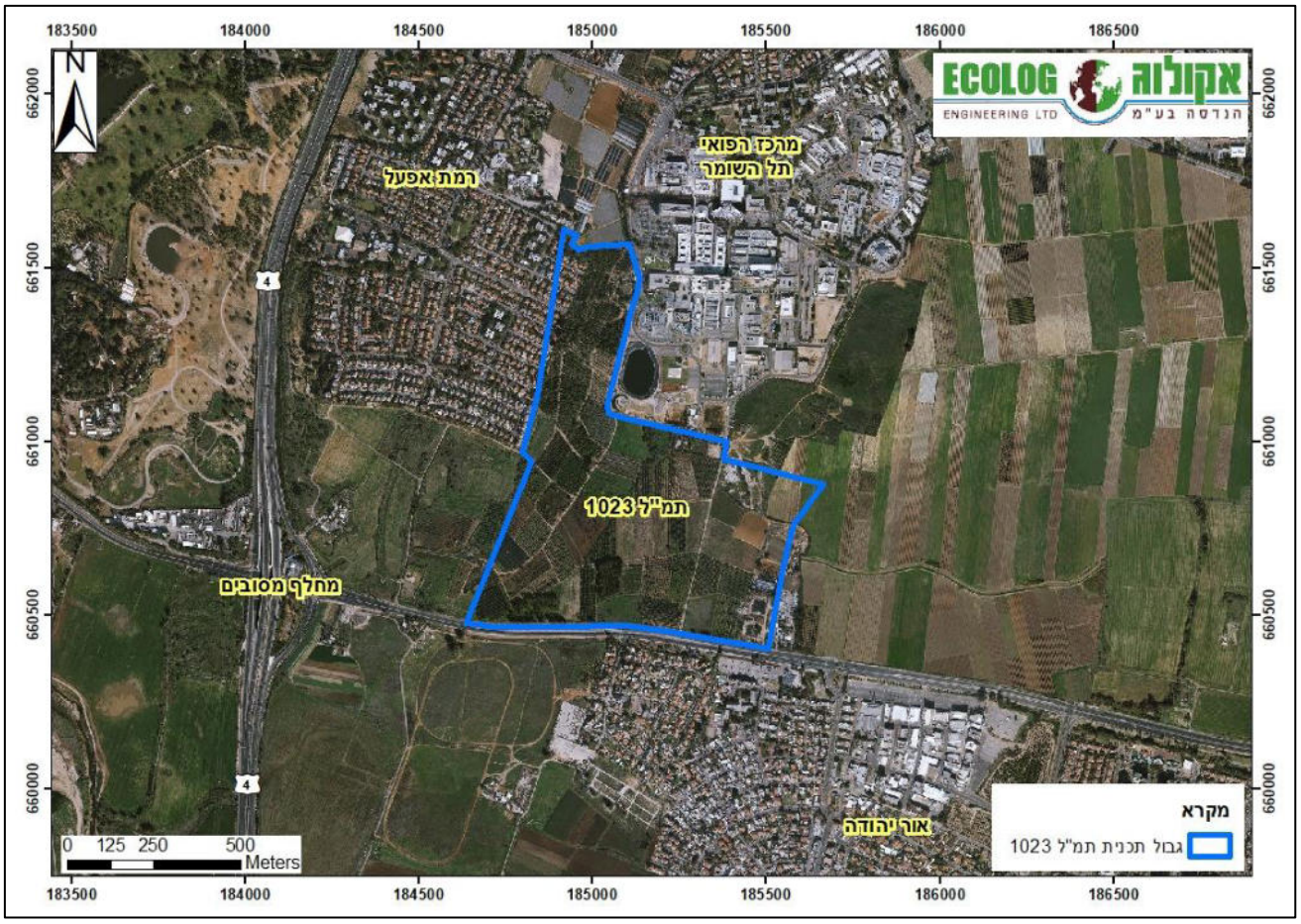
ממצאי סקר גז הקרקע מצביעים על חריגה בריכוזי המזהם אקרוליין (Acrolein), אשר נתגלתה בכמחצית מקידוחי הקרקע שבוצעו (כ-44 דגימות גזי קרקע, לרבות בקרות איכות), בטווח ריכוזים של 2.8-22 מק"ג/מ"ק, כאשר ערך המטרה הינו 2.78 מק"ג/מ"ק. בנוסף לכך, התגלו מספר חריגות בריכוזי מזהמים נוספים בניהם כלורופורם, נפתלן, Tetrachloroethene , 1,4-Dioxane , Carbon Tetrachloride, Propanol-2 ו- Acrylonitrile. התוצאות שהתקבלו הושוו לערכי מטרה של TIER 1 למגורים (IRBCA ינואר 2020, המשרד להגנת הסביבה).

עבור שלושה (3) מקידוחי גז הקרקע בהם נמצאו ריכוזים חורגים (SG-36, SG-112 ו- SG-113) בוצעו קידוחי קרקע בסמיכות (K-1 ו- K-11 בהתאמה), אך בקידוחי הקרקע לא נתגלו חריגות באנליזת הנדיפים (VOC, SVOC).

יש לציין כי המשרד להגנת הסביבה מבצע בימים אלה בדיקה באשר לריכוזי אקרוליין בדיגום גזי קרקע, היות ודיווח ערכי מזהם זה איננו חד משמעי (ישנן מעבדות אנליטיות אשר לא מדווחות כל ריכוזו במסגרת אנליזת TO-15 ובנוסף, ישנם מקורות בספרות המקצועית המצביעים על כך שנוכחות האקרוליין בקניסטר אינה מעידה בהכרח על הימצאותו בגזי הקרקע). עם זאת, החריגות הנוספות שנמצאו עבור שבעה (7) מזהמים נוספים בכחמישה עשר (15) קידוחי גז קרקע הפרוסים ברחבי השטח, מצביעים על צורך בהתקנת מיגון הולם עבור מבנים המתוכננים במסגרת תכנית תמ"ל 1023, בהתאם לפריסת הקידוחים בהם נתגלו חריגות בגזי הקרקע.

2 רקע

שטח האתר הנבדק, שטחה של תכנית תמ"ל 1023, מתפרש על פני שטח של כ- 558 דונם מצפון לדרך מס' 461 , מדרום למרכז הרפואי "שיבא" תל השומר וממערב לדרך מוטה גור (איור 1). תכנית הבינוי בשטח זה כוללת שכונת מגורים חדשה ובה כ-3,000 יחידות דיור ואזור תעסוקה לאורך דרך 461. בנוסף כוללת התכנית שטחים פתוחים, פארקים, וכן שטחים למבנים ומוסדות ציבור.



<u>איור 1:</u> מפת מיקום האתר

2.1 מידע היסטורי

שני סקרים היסטוריים (Phase I) בוצעו עבור שטח האתר הנבדק:

1) סקר היסטורי ותכנית דיגום "מתחם תל השומר מזרח" (LDD, אוגוסט 2012);

2) תמל/ 1023 , תל השומר דרום, מתחם 5 מסמך סביבתי וסקר היסטורי (אתוס, מאי 2017);

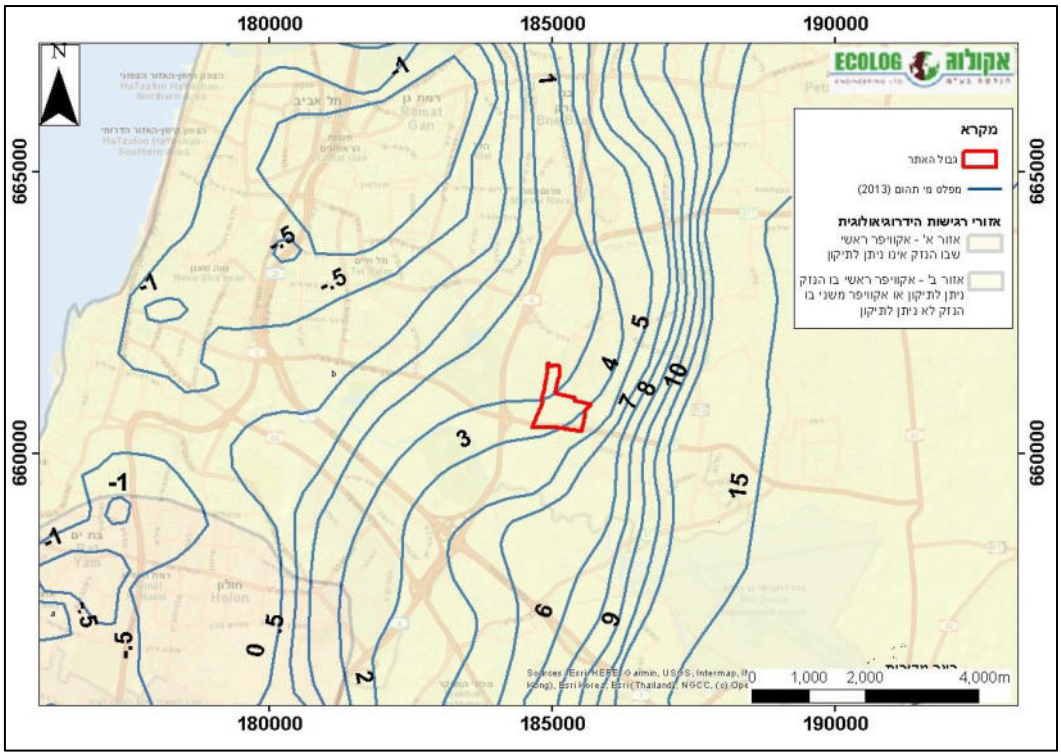
על פי המידע שהופיע בסקרים ההיסטוריים נמצא כי מרבית שטח האתר הינו שטח חקלאי מעובד. שימושים נוספים בשטח האתר הינם משתלה ומתחם המשטרה בחלקו הדרום–מזרחי של האתר. פרט לשימושים אלה, לא נתגלו שימושים נוספים בשטח האתר ולכן נמצא כי לא קיים פוטנציאל זיהום קרקע בשטח האתר כתוצאה מהפעילויות ושימושים שהתקיימו בו בעבר או מתקיימים בו בהווה. עם זאת, בחלקו הצפון-מערבי של האתר בריכת חמצון לא פעילה של בית החולים שיבא אשר מהווה פוטנציאל זיהום קרקע של מתכות כבדות, פחמימני דלק (TPH) וחומרים נדיפים ונדיפים למחצה (VOC, SVOC). בנוסף, בוצעה סקירה של פעילות בעלת פוטנציאל לזיהום קרקע בסביבת

האתר, לרבות מחנה תל השומר ובית החולים "שיבא". בשטחם של שני מתקנים אלה קיים פוטנציאל זיהום קרקע בשל פעילויות שונות שבוצעו בהם לאורך השנים, אך מסקנת עורכי הסקרים ההיסטורים היתה כי שטח תכנית תמ"ל 1023 איננו מושפע מפוטנציאל זה.

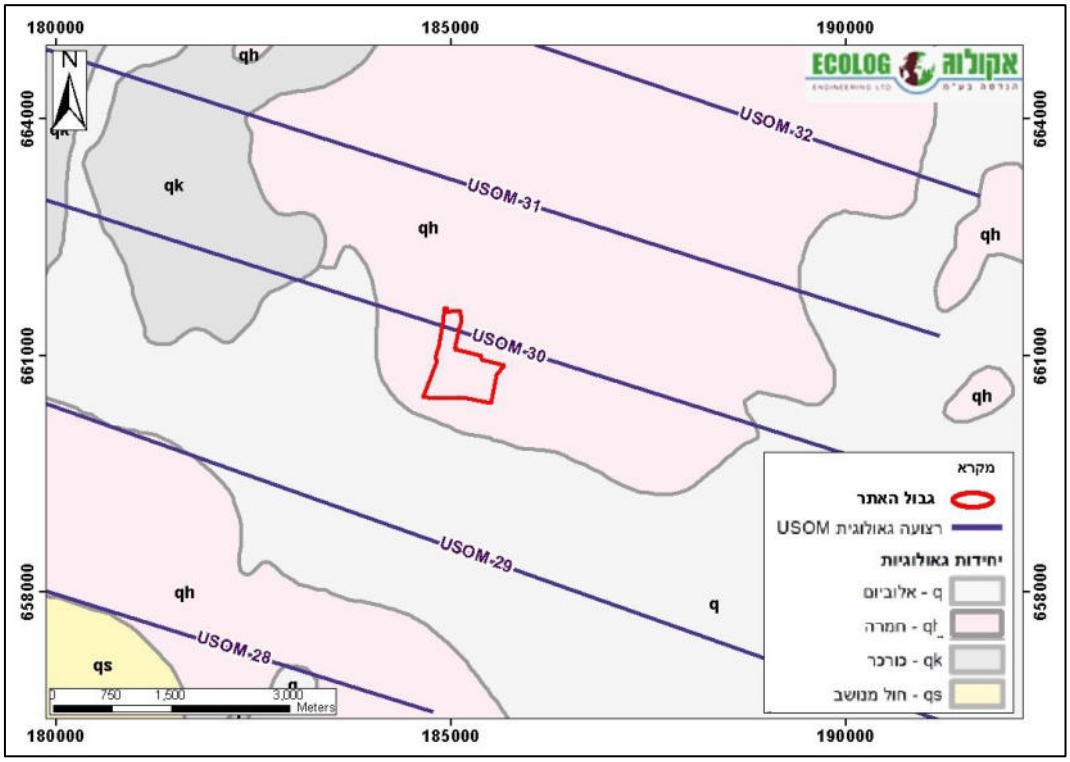
2.2 רקע גיאולוגי והידרוגיאולוגי

שטח תכנית תמ"ל 1023 ממוקם במרחק של כ-9 ק"מ מזרחית לחוף הים התיכון. שטח האתר מישורי ברובו, בגובה ממוצע של כ-35 מ' מגובה פני הים. רום מי התהום באזור הינו כ- 3 מ' מעל פני הים, כלומר כ-32 מ' בממוצע מתחת לפני השטח. בהתאם למפת אזורי סכנה למקורות מים כתוצאה מזיהום בדלקים (רשות המים, 1992) האתר ממוקם מעל אקוויפר החוף ומוגדר כאזור סיכון ב' – אקוויפר ראשי בו הנזק ניתן לתיקון או אקוויפר משני בו הנזק אינו ניתן לתיקון (איור 2). האתר משתייך לרשות ניקוז יובלי הירקון, נמצא באגן הניקוז של נחל איילון והינו חלק ממארג שטחים חקלאים. השטח מתנקז לכיוון דרום מערב, באמצעות ערוצי משנה, כאשר עודפי המים ממשיכים לזלוג אל נחל איילון.

על פי המפה היגולוגית האזורית (איור 3) האזור מורכב מקרקעות אלוביות, חומריות, גלי-קרקעות חמרה מעורבות בחרסית וקרקעות סחף. סוג הקרקע החשופה בשטח האתר הינה חמרה, החתך הגיאולוגי מאופיין באבן חול על לעומק של כ-40 מ' מפני השטח, עם אופקים של טיט וטיט חולי.



<u>איור 2:</u> מפת מפלס מי תהום ורגישות הידרולוגית לאזור האתר



<u>איור 3:</u> מפה גיאולוגית של אזור האתר

3 ביצוע העבודה

3.1 קידוחי קרקע

תכנית דיגום הקרקע מתייחסת לשני מוקדי זיהום פוטנציאליים לזיהום הקרקע בשטח האתר: (1) בריכת חמצון לא פעילה; (2) מבנה משטרה וסככות בחלקו הדרום מזרחי של האתר. בשני מוקדים אלה בוצעו 12 קידוחי קרקע לעומק של 3 מ' (איור 5). קידוחי הקרקע בוצעו בתאריכים 20,27/05/2020 ונעשו באמצעות דחיקה ישירה (Direct Push) על ידי מכונת Geoprobe, בהתאם להנחיות המשרד להגנת הסביבה ולתכנית הדיגום המאושרת.

דיגום הקרקע נעשה בהתאם להנחיות המשרד להגנת הסביבה, ע"י דוגמים מוסמכים של חב' KTE-MG. דגימות קרקע נלקחו מהעומקים הנדרשים תוך דיגום בלתי מופר, מניעת זיהום צולב, התאמה לסוג הקרקע/תשתית, יצירת כמות פסולת קטנה ככל הניתן וטיפול מינימלי בדגימה טרם הכנסתה לכלים המתאימים. קביעת דגימות לשליחה לאנליזה כימית במעבדת ALS המוסמכת בוצעה בהתאם לקריאות ה-PID שהתקבלו בשטח, כנדרש על פי הנחיות המשרד להגנת הסביבה. בדיקות המעבדה בוצעו באמצעות השיטות האנליטיות המפורטות בסעיף 3.1.1 להלן.

3.1.1 אנליזות מעבדה

טבלה 1: פירוט השיטות האנליטיות לביצוע אנליזה כימית לדגימות קרקע.

פרמטר	שיטה הכנה	שיטה אנליטית
TPH-ORO, DRO	EPA 5021	EPA 8015
מתכות (מיצוי חומצי)	3051A/3050B	EPA 6010 D, 6020A
VOC's	EPA 5021	EPA 8260B
SVOC (כולל PAH)	-	EPA 8270C

כל האנליזות בוצעו במעבדות ALS, המוסמכת מטעם הרשות הלאומית להסמכת מעבדות.

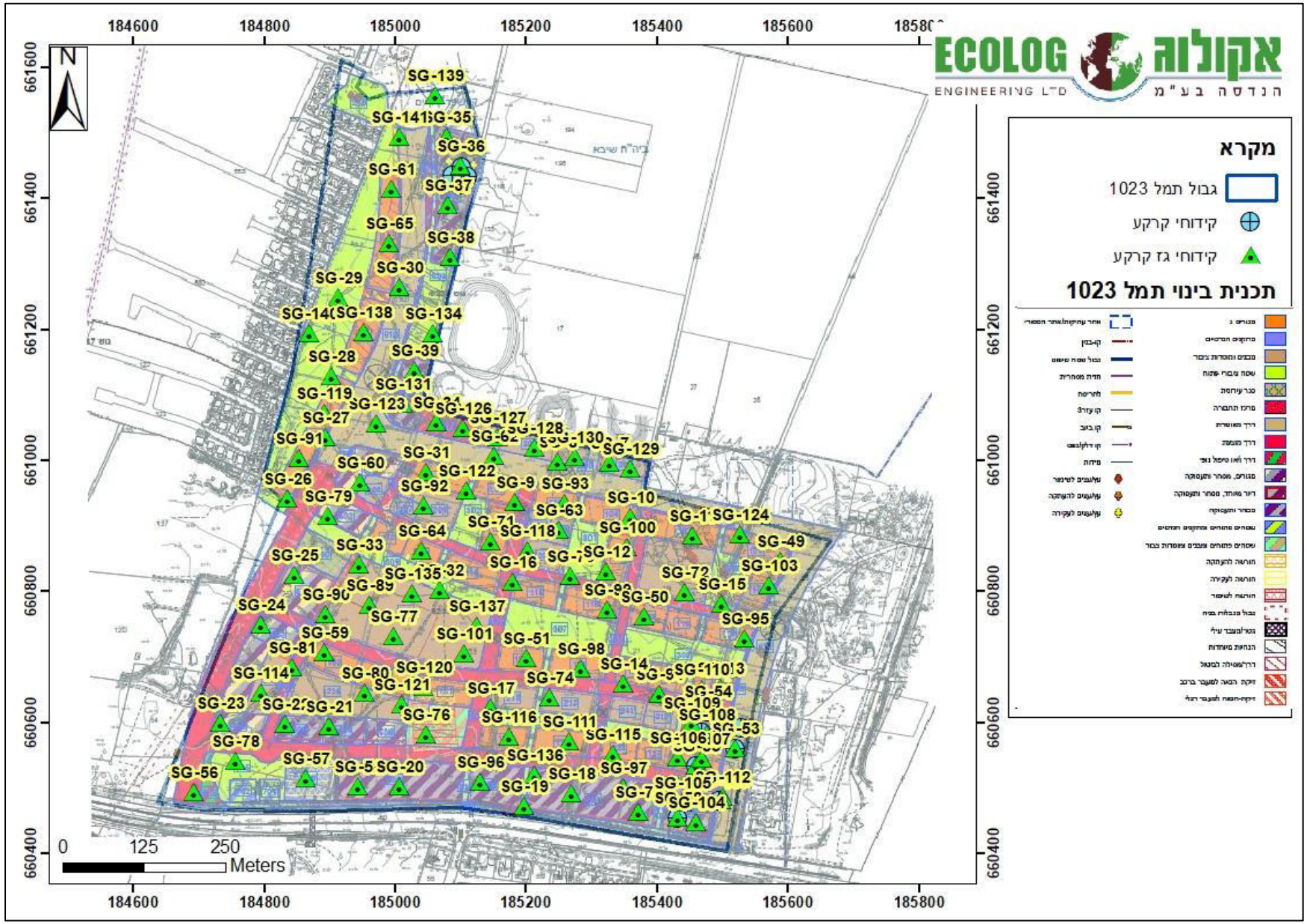
3.2 קידוחי גז קרקע אקטיבי

תכנית הדיגום כוללת פריסה של כ-105 קידוחי גז קרקע אקטיביים בשטח תכנית תמ"ל 1023, לעומק של 10 מ', אשר נקבע בהתאם לעומק המבנים המתוכננים בתכנית הבינוי העתידית בשטח האתר (מפה כללית מוצגת באיור 4, מפות תקריב מפורטות יותר בהמשכו של מסמך זה). קידוחי גז הקרקע והדיגום בוצעו בחודשים דצמבר 2019 עד יולי 2020, כמפורט להלן:

פעולה	תאריכי ביצוע	מעבדת דיגום	אנליזות מעבדה	הערות
התקנת בארות גז קרקע	22-31/12/2019	KTE	-	פירוט נתוני התקנה ודיגום בטפסי שדה ומשמורת – ראה נספח 3
	16/04/2020 - 05/05/2020	וריידיס	-	
	25/05/2020 - 03/06/2020	KTE	-	
	01/07/2020 (התקנה חוזרת של 8 בארות שנהרסו)	LDD	-	
דיגום גז קרקע	19/04/2020, 22/04/2020	פוליגון	בקטוכם	
	25/05/2020-08/07/2020	KTE	ALS	
	01/07/2020 (דיגום של 8 בארות שנהרסו והותקנו בשנית)	LDD	אל-כם	

קידוחי גז הקרקע בוצעו באמצעות דחיקה ישירה (Direct Push) על ידי מכונת Geoprobe, בשיטה האקטיבית, על ידי חברת KTE-MG ו-ורידיס, בעלות ההסמכה הדרושה של המשרד להגנת הסביבה. אנליזות כימית של מרכיבי הגז נעשו במעבדות ALS ובקטוכם, על פי שיטת EPA TO-15 ברגישות המיועדת למגורים של 1ppbv, בהתאם להנחיות המשרד להגנת הסביבה. בנוסף, הדיגום כלל אבטחת איכות בהתאם להנחיות המשרד להגנת הסביבה, הכוללים בין היתר: בלאנק אוויר, חזרות, פיצול דגימות וטופס שרשרת משמורת. פיצול הדוגמאות למעבדה מוסמכת נוספת נעשה באמצעות מעבדת בקטוכם.

הערה: בשל אילוצים שנגרמו עקב מגיפת הקורונה, הוחלף הקבלן המבצע במהלך החקירה וחברת ורידיס ביצעה התקנה חלקית של קידוחי גז הקרקע. בנוסף, בשל פעילות לא מתואמת בשטח הנבדק מטעם גורם שלישי, נהרסו 8 קידוחי גז קרקע אקטיבי והותקנו מחדש. קידוחים אלה בוצעו באמצעות פנייה ישירה של מזמין העבודה לחברת LDD ואנליזות גזי הקרקע בוצעו באמצעות מעבדת אל-כם. מסמך זה כולל ניתוח של ממצאי החקירה המלאה, לרבות קידוחים אלה.



<u>איור 4:</u> פריסת קידוחי גז הקרקע האקטיביים באתר

4 ממצאי החקירה

4.1 ממצאי קידוחי הקרקע

בטבלאות 2-5 להלן מסוכמים ממצאי השדה ותוצאות המעבדה עבור TPH, מתכות, VOC ו- SVOC בדגימות שנלקחו מקידוחי הקרקע וכן בקרות האיכות שבוצעו. באיור 5 מוצגת פריסת הקידוחים על גבי מפת האתר. לא נמצאו חריגות מערכי המטרה VSL (IRBCA גרסה 5, ינואר 2020, המשרד להגנת הסביבה) למעט ארבע (4) תוצאות חורגות של ריכוזי ברזל, בטווח ריכוזים של 11,800 – 21,400 מ"ג/ק"ג, כאשר ערך המטרה הינו 10,165 מ"ג/ק"ג. תעודות מעבדה מלאות מוצגות בנספח 1.

טבלה 2: פירוט ממצאי השדה ותיאור הליתולוגיה בקידוחי הקרקע

מוקד	קידוח קרקע	עומק (מ')	ליתולוגיה תיאור	PID [ppm]	ריח	לחות	הערות
בריכת חמצון לא פעילה	K1	0.5	חול חרסיתי	5	אין	יש	
	K1	1	חול חרסיתי	4.1	אין	יש	
	K1	2	-	14.1	אין	יש	
	K1	3	-	15.1	אין	יש	
	K2	0.5	חול חרסיתי	13.8	אין	יש	
	K2	1	חול ים	8	אין	יש	
	K2	2	חול חרסיתי	19.8	אין	יש	
	K2	3	חול חרסיתי	11.5	אין	יש	
	K3	0.5	חול חרסיתי	9.3	אין	יש	
	K3	1	חול חרסיתי	12.3	אין	יש	
	K3	2	חול חרסיתי	5.5	אין	יש	
	K3	3	חול חרסיתי	11.8	אין	יש	
	K4	0.5	חול חרסיתי	19.6	אין	יש	
	K4	1	חול חרסיתי	19.7	אין	יש	
	K4	2	חול חרסיתי	11.4	אין	יש	
	K4	3	חול חרסיתי	19.8	אין	יש	
	K5	0.5	חול חרסיתי כהה	14.5	אין	יש	גרגירים שחורים
	K5	1	חול חרסיתי כהה/שחור	16.2	אין	יש	
	K5	2	חול חרסיתי כהה	19	אין	יש	
	K5	3	חול ים	14.7	אין	יש	
מתחם המשטרה (מבנה וסככות)	K6	0.5	חול חרסיתי כתום	6.1	אין	יש	
	K6	1	חול חרסיתי כתום	6.6	אין	יש	
	K6	2	חרסית חולית קשה מאוד	4.2	אין	אין	
	K6	3	חול וחרסית חולית כהה	3.7	אין	יש	
	K7	0.5	חול חרסית יבש (חמרה)	1.1	אין	יש	
	K7	1	חול חרסית יבש (מעט מצע חורג)	1.9	אין	יש	
	K7	2	חרסית יבשה (חמרה)	1.2	אין	אין	

מוקד	קידוח קרקע	עומק (מ')	ליתולוגיה תיאור	PID [ppm]	ריח	לחות	הערות
	K7	3	חרסית אדומה (חמרה)	1.8	אין	יש	
	K8	0.5	חרסית חולית אדומה	9.8	אין	יש	
	K8	1	חרסית חולית אדומה	4	אין	יש	
	K8	2	חול חרסיתי אדום	12.1	אין	יש	
	K8	3	חול חרסיתי אדום	13.8	אין	יש	
	K9	0.5	חול חרסיתי חום	2	אין	יש	
	K9	1	חול חרסיתי כתום	3.9	אין	יש	
	K9	2	חול חרסיתי כתום	6.8	אין	יש	
	K9	3	חול חרסיתי כתום, מעט בוצי	5.8	אין	יש	
	K10	0.5	חרסית יבשה, חום כהה	2.8	אין	אין	
	K10	1	חרסית שמנה, מעט אבנים	1.4	אין	אין	
	K10	2	חרסית יבשה, אדום (חמרה)	3.7	אין	אין	
	K10	3	חרסית שמנה מעט חולית	1.7	אין	יש	
	K11	0.5	חול חרסיתי אדום	9.4	אין	יש	
	K11	1	חול חרסיתי אדום/חמרה	2.6	אין	יש	
	K11	2	חול חרסיתי אדום	7.4	אין	יש	
	K11	3	חול חרסיתי אדום	12.7	אין	יש	
	K12	0.5	חרסית שמנה	1	אין	יש	
	K12	1	חרסית שמנה	2.4	אין	יש	
	K12	2	חרסית יבשה	1.9	אין	אין	
	K12	3	חרסית יבשה	2.8	אין	אין	

<u>טבלה 3:</u> סיכום תוצאות המעבדה לאנליזות מתכות, TPH, VOC, SVOC.

מוקד	קידוח קרקע	עומק (מ')	PID [ppm]	TPH ORO	TPH DRO	Total TPH	אנליזת נדיפים[1] (VOC, SVOC)	מתכות[2]
בריכת חמצון לא פעילה	K1	0.5	5	<10	<12	<QL	-	לא נמצאו חריגות מערכי המטרה[*]
		3	15.1	<10	<12	<QL	לא נמצאו חריגות מערכי המטרה[*]	
	K2	0.5	13.8	60	<12	60	-	
		2	19.8	<10	<12	<QL	-	
		3	11.5	<10	<12	<QL	לא נמצאו חריגות מערכי המטרה[*]	
	K3	0.5	9.3	83	12	95		ריכוז הברזל חורג מערכי VSL
		0.5_Dup	-	82	<12	82	-	לא נמצאו חריגות מערכי המטרה[*]
		3	11.8	<10	<12	<QL	-	
	K4	0.5	19.6	32	<12	32	-	
		3	19.8	<10	<12	<QL	לא נמצאו חריגות	

מוקד	קידוח קרקע	עומק (מ')	PID [ppm]	TPH ORO	TPH DRO	Total TPH	אנליזת נדיפים[1] (VOC, SVOC)	מתכות[2]
							מערכי המטרה[*]	
	K5	0.5	14.5	47	<12	47	-	
		3	14.7	<10	<12	<QL	לא נמצאו חריגות מערכי המטרה[*]	
מתחם המשטרה (מבנה וסככות)	K6	2	4.2	<10	<12	<QL	-	-
		3	3.7	<10	<12	<QL	-	-
	K7	0.5	1.1	<10	<12	<QL	-	ריכוז הברזל חורג מערכי VSL
		3	1.8	<10	<12	<QL	-	ריכוז הברזל חורג מערכי VSL
	K8	0.5	9.8	<10	<12	<QL	-	-
		1	4	<10	<12	<QL	-	-
	K9	0.5	2	<10	<12	<QL	-	-
		1	3.9	-	-	-		לא נמצאו חריגות מערכי המטרה[*]
		2	6.8	-	-	-		לא נמצאו חריגות מערכי המטרה[*]
		3	5.8	<10	<12	<QL	לא נמצאו חריגות מערכי המטרה[*]	-
	K10	0.5	2.8	<10	<12	<QL	-	-
		3	1.7	<10	<12	<QL	-	-
	K11	0.5	9.4	145	47	192	-	-
		0.5_Dup	-	92	38	130	-	-
		1	2.6	-	-	-		לא נמצאו חריגות מערכי המטרה[*]
		2	7.4	-	-	-		ריכוז הברזל חורג מערכי VSL
		3	12.7	<10	<12	<QL	לא נמצאו חריגות מערכי המטרה[*]	-
	K12	0.5	1	<10	<12	<QL	-	-
		3	2.8	<10	<12	<QL	-	-
בקרת איכות	FB/TB 20.05.20	-	-	<30	<35	<QL	לא נמצאו חריגות מערכי המטרה[*]	

[*] נעשתה השוואה לערכי VSL ולערכי TIER 1 למגורים (הנחיות IRBCA גרסה 5, ינואר 2020, המשרד להגנ"ס)

[1] ראה פירוט תוצאות אנליזות נדיפים בטבלה 4.

[1] ראה פירוט תוצאות אנליזת מתכות בטבלה 5.

<u>טבלה 4:</u> פירוט תוצאות אנליזת נדיפים (VOC, SVOC), ריכוזים מעל סף הגילוי האנליטי בלבד.

תוצאות מלאות מפורטות בתעודות המעבדה המצורפות בנספח 2.

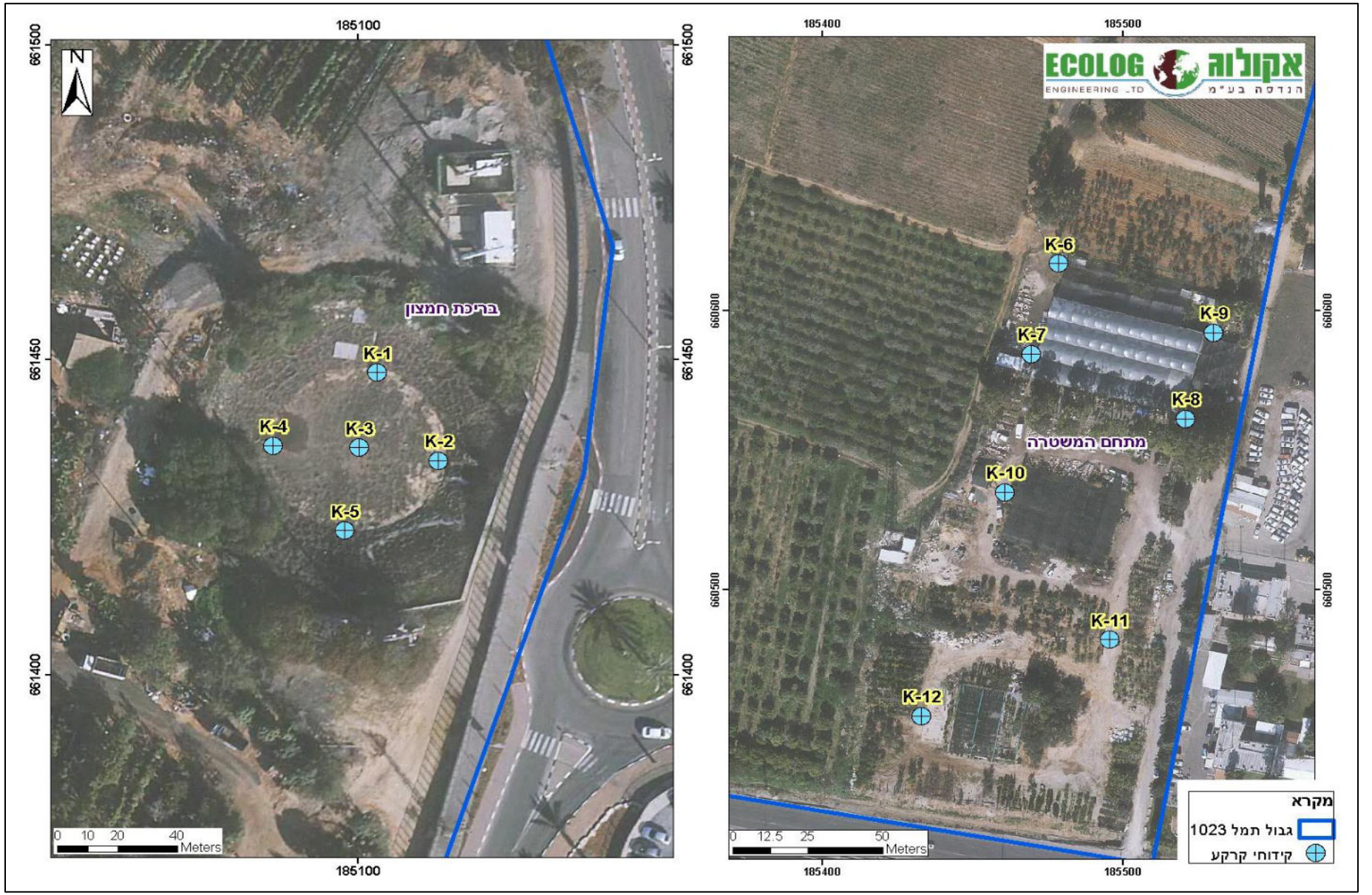
תרכובות sVOC	תרכובות VOC	פרמטר [mg/kg]	
phthalate Di-n-octyl	tert-Butyl alcohol		
70.28	NA	VSL	קידוח קרקע ועומק [מ']
187.42	NA	Tier 1[1]	
0.0500	10	LOQ	
0.050>	10>	3	K4
0.073	10>	3	K2
0.050>	10>	3	K1
0.050>	10>	3	K5
0.050>	10>	3	K9
0.050>	10	3	K11
0.050>	104	-	20.5.2020 TB

[1] Tier 1 Risk Based Target Level (RBTL) - Residential Land Use (משרד להגנת הסביבה, ינואר 2020).
ערך עבור מגורים, נקבע על פי מרחק מתחתית הזיהום למי תהום >6 מ' ורגישות אקוויפר לזיהום ברמה בינונית (B).

טבלה 5: תוצאות מלאות לאנליזת מתכות בקידוחי הקרקע

בקרת איכות	קידוח קרקע ועומק [מ']																	ערכי מטרה		סף כימות	פרמטר	
FB 20/05/20	K11-2m	K11-1m	K9-2m	K9-1m	K7-0.5m	K7-3m	K5-3m	K5-0.5m	K4-3m	K4-0.5m	K3-3m	K3-0.5m-DUP	K3-0.5m	K2-3m	K2-0.5m	K1-3m	K1-0.5m	VSL	Tier 1	LOR	[mg/kg]	
0.055	7,570	14,900	4,320	10,600	13,200	22,200	930	7,530	4,110	7,660	3,880	6,540	11,600	5,400	4,040	3,360	6,100	77,999	77,999	1.0	אלומיניום	Al
<0.020	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	31.3	31.3	0.5	אנטימון	Sb
<0.010	0.63	<0.50	1.07	<0.50	1.13	1.36	<0.50	0.69	0.53	0.76	<0.50	0.78	<0.50	0.56	0.65	0.66	1.13	16.0	16.0	0.5	ארסן	As
0.0559	23.30	37.50	12.20	31.30	39.10	73.40	6.30	21.20	14.50	17.40	20.20	18.30	34.70	19.40	13.70	12.80	16.30	15,557	15,557	0.2	בריום	Ba
<0.00020	0.34	0.42	0.15	0.34	0.36	0.66	0.04	0.25	0.14	0.25	0.16	0.20	0.35	0.20	0.16	0.12	0.21	156	156	0.0	בריליום	Be
<0.010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	1.0	ביסמוט	Bi
0.096	1.60	3.10	1.30	2.70	3.00	5.00	<1.0	1.90	<1.0	1.50	<1.0	1.70	2.40	1.10	1.00	<1.0	1.00	1,232	15,640.7	1.0	בורון	B
<0.0020	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	71	71	0.4	קדמיום	Cd
47.3	1,840	7,520	4,460	6,360	24,700	13,400	6,100	11,900	516	2,130	784	18,400	2,220	704	2,880	482	1,310	NA	NA	50.0	סידן	Ca
<0.0020	10.70	19.10	6.42	15.20	17.70	29.80	2.75	11.60	7.05	12.20	6.23	9.50	18.00	9.38	7.89	6.03	10.70	109,449	109,449	0.5	כרום	Cr
<0.0020	3.94	7.26	1.70	3.74	5.12	9.17	0.62	3.46	2.37	5.02	2.00	2.78	5.29	3.10	2.33	1.84	2.84	23	23.45	0.2	קובלט	Co
<0.0020	5.30	9.60	2.00	4.90	8.40	16.00	<1.0	4.20	2.70	4.80	2.70	3.50	8.60	3.50	3.40	2.20	4.00	3,129	3,128.6	1.0	נחושת	Cu
0.0098	8,500	16,300	4,000	10,100	12,800	21,400	1,170	7,580	4,620	8,160	4,180	6,260	11,800	6,060	4,690	3,810	7,140	10,165	27106	10.0	ברזל	Fe
<0.010	1.30	3.10	<1.0	1.80	3.50	5.20	<1.0	1.60	<1.0	1.60	1.10	1.40	2.10	1.60	1.70	<1.0	1.20	40	80	1.0	עופרת	Pb
0.0185	4.00	7.80	2.50	6.60	9.90	15.80	<1.0	5.00	2.00	4.20	2.30	4.40	5.60	3.00	2.30	1.60	3.00	156	156	1.0	ליתיום	Li
32.2	732	2,390	1,620	1,270	2,110	6,600	166	1,740	567	994	531	1,560	1,660	735	745	436	817	NA	NA	5.0	מגנזיום	Mg
0.00087	129.00	177.00	59.70	127.00	217.00	339.00	31.50	147.00	93.00	150.00	146.00	118.00	193.00	128.00	90.40	81.20	96.10	1,865	1,864.8	0.5	מנגן	Mn
<0.010	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	3.13	3.13	0.2	כספית	Hg
<0.0030	<0.40	<0.40	<0.40	<0.40	<0.40	1.94	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	391	391	0.4	מוליבדן	Mo
<0.0050	7.30	12.40	4.00	9.70	10.60	23.50	1.40	7.50	4.50	8.30	5.50	6.30	11.20	5.60	4.60	3.70	6.00	528	1,408	1.0	ניקל	Ni
<0.050	55.30	96.90	28.80	57.30	132.00	376.00	119.00	52.40	25.10	44.00	31.20	52.30	53.00	35.50	54.00	23.20	35.60	NA	NA	5.0	זרחן	P
7.86	514.00	927.00	275.00	656.00	1,090.00	1,540.00	84.30	724.00	373.00	609.00	359.00	618.00	1,050.00	502.00	409.00	283.00	499.00	NA	NA	5.0	אשלגן	K
<0.030	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	20	54.50	2.0	סלניום	Se
4.48	282	260	277	232	246	277	343	298	268	276	312	286	291	265	260	302	257	NA	NA	50.0	סיליקון	Si
<0.0050	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	338	46,929	0.5	כסף	Ag
128	61.00	108.00	55.00	90.00	200.00	986.00	<15	28.00	19.00	19.00	15.00	26.00	40.00	17.00	20.00	15.00	20.00	NA	NA	15.0	נתרן	Na
0.594	6.39	15.70	9.60	18.10	36.70	61.00	5.46	14.00	3.95	8.52	4.69	16.20	8.94	6.18	7.39	3.58	6.88	46,929	46,929	0.1	סטרונציום	Sr
17.7	<30	34.00	<30	<30	55.00	109.00	<30	58.00	<30	<30	<30	79.00	<30	<30	45.00	<30	<30	NA	NA	30.0	גופרית	S
<0.050	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	1.0	טלור	Te
<0.010	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.782	0.782	0.5	תליום	Tl
<0.010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	46,929	46,929	1.0	בדיל	Sn
<0.0010	408	694	150	415	559	919	78	345	265	388	258	271	580	292	194	206	328	NA	NA	0.2	טיטניום	Ti
<0.0020	16.90	33.00	7.52	19.60	24.30	39.60	2.20	15.50	9.32	16.20	8.27	13.40	20.90	12.00	9.82	7.60	14.40	390	390	0.1	וונדיום	V
0.0976	12.00	19.00	5.90	12.40	19.80	26.80	3.00	11.70	7.60	12.20	9.60	9.90	19.00	10.60	12.70	6.40	10.50	23,464	23,464	3.0	אבץ	Zn
<0.0010	6.80	11.20	<5.0	8.50	7.40	13.90	<5.0	7.40	5.50	8.00	<5.0	5.70	11.30	6.20	<5.0	<5.0	7.00	NA	NA	5.0	זירקוניום	Zr

(1) Tier 1 Risk Based Target Level (RBTL) - Residential Land Use (משרד להגנת הסביבה, ינואר 2020). ערך עבור מגורים, נקבע על פי מרחק מתחתית הזיהום למי תהום >6 מ' ורגישות אקוויפר לזיהום ברמה בינונית (B).



<u>איור 5:</u> פריסת קידוחי הקרקע באתר

4.2 ממצאי קידוחי גז הקרקע

בטבלה 6 להלן מוצאות תוצאות אנליזת גזי הקרקע באתר, עבור קידוחים בהם נתגלו ריכוזים חורגים מערכי המטרה בלבד (חריגה מערכי TIER 1 למגורים מסומנת באדום). תוצאות מלאות עבור כל קידוחי גז הקרקע באתר מוצגות בנספח 1. תעודות מעבדה מלאות מצורפות בנספח 2, טפסי שדה ומשמורת הכוללים נתונים מלאים של התקנת ודיגום בארות גז הקרקע מצורפים בנספח 3. בכמחצית מהקידוחים (כ-44 דגימות) נתגלו ריכוזים חורגים של אקרוליין (Acrolein) בטווח ריכוזים של 2.8-22 מק״ג/מ״ק, כאשר ערך המטרה הינו 2.78 מק״ג/מ״ק. בנוסף לכך, התגלו מספר חריגות בריכוזי מזהמים נוספים בניהם כלורופורם, נפתלן, 1,4-Dioxane , Carbon Tetrachloride , Tetrachloroethene, Propanol-2 ו- Acrylonitrile. איורים 6-7 מציגים את פריסת קידוחי גז הקרקע בהם נתגלו ריכוזים חורגים מערכי המטרה. ערכי הריכוזים החורגים מסומנים על גבי המפה ביחידות מק״ג/מ״ק (קידוחים בהם נתגלתה חריגה בריכוזי האקרוליין בלבד מסומנים במפה בסגול ללא סימון של הערך הנמדד).

<u>טבלה 6:</u> סיכום תוצאות אנליזת גזי קרקע

ריכוזים חורגים מערכי המטרה מסומנים באדום, ריכוזי סף הגבוהים מערכי המטרה מסומנים בכתום. פירוט כל תוצאות אנליזות גזי הקרקע מצורף בנספח 1.

קידוח גז קרקע	1,3-Butadiene	Acrolein	2-Propanol (Isopropyl Alcohol)	Acrylonitrile	Chloroform	1,2-Dichloroethane	Carbon Tetrachloride	Bromodichloromethane	1,4-Dioxane	1,1,2-Trichloroethane	1,2-Dibromoethane	Tetrachloroethene	1,1,2,2-Tetrachloroethane	Benzyl Chloride	1,4-Dichlorobenzene	1,2-Dibromo-3-chloropropane	Naphthalene	Hexachlorobutadiene	קריאת PID [ppm]
CAS no.	106-99-0	107-02-8	67-63-0	107-13-1	67-66-3	107-06-2	56-23-5	75-27-4	123-91-1	79-00-5	106-93-4	127-18-4	79-34-5	100-44-7	106-46-7	96-12-8	91-20-3	87-68-3	
TIER 1 [µg/m³]	30.00	2.78	27,81	5.51	16.28	38.00	62.39	10.12	75	23	0.62	2,100	6.45	7.64	34.03	0.06	11.01	17.02	
SG-7	ND	לא נבדק	ND	לא נבדק	9.23	ND	ND	ND	ND	ND	ND	לא נבדק	ND	ND	ND	לא נבדק	ND	ND	>20
SG 8	ND	ND	180.98	לא נבדק	9.96	ND	ND	ND	ND	ND	ND	לא נבדק	ND	ND	ND	לא נבדק	10.96	ND	>20
SG 9	ND	ND	<24.6	לא נבדק		ND	ND	ND	ND	ND	ND	לא נבדק	ND	ND	ND	לא נבדק	ND	ND	>20
SG 10	<0.34	6.4	2,600	<0.42	<0.27	<0.23	0.54	<0.29	0.5	<0.21	<0.24	2.3	<0.28	<0.46	<0.31	<0.38	<0.50	<0.42	>20
SG-11	<0.39	7.2	6.8	<0.49	0.77	<0.26	<0.33	<0.34	4.5	<0.24	<0.27	0.62	<0.33	1.6	<0.36	<0.44	<0.58	<0.49	>20
SG-12	<0.41	לא נבדק	30000	<0.51	2.7	<0.27	<0.34	<0.36	2.5	<0.25	<0.29	3.5	<0.34	<0.56	<0.38	<0.47	<0.60	<0.51	>20

קידוח גז קרקע	1,3-Butadiene	Acrolein	2-Propanol (Isopropyl Alcohol)	Acrylonitrile	Chloroform	1,2-Dichloroethane	Carbon Tetrachloride	Bromodichloromethane	1,4-Dioxane	1,1,2-Trichloroethane	1,2-Dibromoethane	Tetrachloroethene	1,1,2,2-Tetrachloroethane	Benzyl Chloride	1,4-Dichlorobenzene	1,2-Dibromo-3-chloropropane	Naphthalene	Hexachlorobutadiene	קריאת PID [ppm]
CAS no.	106-99-0	107-02-8	67-63-0	107-13-1	67-66-3	107-06-2	56-23-5	75-27-4	123-91-1	79-00-5	106-93-4	127-18-4	79-34-5	100-44-7	106-46-7	96-12-8	91-20-3	87-68-3	
TIER 1 [µg/m³]	30.00	2.78	27,81	5.51	16.28	38.00	62.39	10.12	75	23	0.62	2,100	6.45	7.64	34.03	0.06	11.01	17.02	
SG 13	<0.38	1.6	1.3	<0.47	4.9	<0.25	39	<0.33	<0.27	<0.23	<0.27	3.4	<0.32	<0.52	<0.35	<0.43	0.82	<0.47	>20
SG 14	<0.37	4.3	1.3	<0.46	1.2	<0.24	2.7	<0.32	<0.26	<0.22	<0.26	3.1	<0.31	<0.50	<0.34	<0.42	<0.54	<0.46	>20
SG 15	<0.38	6.3	22	<0.48	1.7	<0.26	0.47	0.55	<0.27	<0.23	<0.27	8.3	<0.32	1.5	<0.35	<0.43	0.62	<0.48	>20
SG 17	<0.90	5.6	33	<1.1	4	<0.60	1.8	<0.79	<0.64	<0.55	<0.63	210	<0.76	<1.2	<0.84	<1.0	1.5	<1.1	>20
SG 18	<1.3	7.3	24	<1.6	1.9	<0.84	1.6	<1.1	<0.90	<0.77	<0.89	1,500	<1.1	<1.7	<1.2	<1.4	<1.9	<1.6	>20
SG 19	<1.8	4	86	<2.2	3.6	<1.2	<1.5	<1.5	<1.3	<1.1	<1.2	1,200	<1.5	<2.4	<1.6	<2.0	<2.6	<2.2	>20
SG-20	<30	<51	<75	<38	<24	<20	<25	<26	<22	<18	<21	240	<25	<41	<28	<34	<44	<38	>20
SG-21	<0.34	7.7	<0.85	<0.43	0.54	<0.23	0.34	<0.30	<0.24	<0.21	<0.24	36	<0.29	<0.47	0.4	<0.39	0.8	<0.43	>20
SG-22	<0.37	לא נבדק	3,000	<0.46	0.44	<0.25	<0.31	<0.32	1.1	<0.23	<0.26	2.2	<0.31	<0.50	<0.34	<0.42	0.94	<0.46	>20
SG-23	<0.35	11	8.3	<0.44	2.1	<0.23	<0.29	2.1	2.1	<0.21	<0.25	0.88	<0.29	4.4	<0.33	<0.40	2.1	<0.44	>20
SG-24	<0.38	לא נבדק	820	<0.47	0.97	<0.25	10	<0.33	<0.27	<0.23	<0.27	600	<0.32	<0.51	<0.35	<0.43	<0.56	<0.47	>20
SG-25	<0.36	לא נבדק	3,500	<0.45	<0.29	<0.24	2.7	<0.31	<0.26	<0.22	<0.25	46	<0.30	<0.49	<0.33	<0.41	<0.53	<0.45	>20
SG-27	<0.40	לא נבדק	<1.0	<0.50	0.53	<0.27	<0.34	<0.35	<0.29	<0.25	<0.28	1.4	<0.34	<0.55	<0.38	<0.46	<0.59	<0.50	>20
SG-28	<0.41	2.9	1.2	<0.51	2.8	<0.27	<0.34	0.64	21	<0.25	<0.29	לא נבדק	<0.34	<0.56	<0.38	<0.46	<0.60	<0.51	>20
SG-29	<0.43	5.2	<1.1	<0.54	2	<0.29	<0.36	<0.38	<0.31	<0.26	<0.30	לא נבדק	<0.36	<0.59	<0.40	<0.49	<0.63	<0.54	>20
SG 32	<0.39	18	12	<0.49	0.65	<0.26	0.99	<0.34	1.9	<0.24	<0.28	לא נבדק	<0.33	0.81	<0.37	<0.45	2	<0.49	>20
SG-33	<0.37	8.6	1.1	<0.46	<0.30	<0.25	0.41	<0.32	22	<0.23	<0.26	לא נבדק	<0.31	<0.50	<0.34	<0.42	<0.55	<0.46	>20
SG 34	ND	לא נבדק	<24.6							ND	ND	לא נבדק	ND	ND	ND	ND	ND	ND	>20
SG 35	1.2	1.1	1.6	<0.38	0.48	<0.21	<0.26	<0.27	<0.22	<0.19	<0.22	לא נבדק	<0.26	<0.42	<0.28	<0.35	2.9	<0.38	>20

קידוח גז קרקע	1,3-Butadiene	Acrolein	2-Propanol (Isopropyl Alcohol)	Acrylonitrile	Chloroform	1,2-Dichloroethane	Carbon Tetrachloride	Bromodichloromethane	1,4-Dioxane	1,1,2-Trichloroethane	1,2-Dibromoethane	Tetrachloroethene	1,1,2,2-Tetrachloroethane	Benzyl Chloride	1,4-Dichlorobenzene	1,2-Dibromo-3-chloropropane	Naphthalene	Hexachlorobutadiene	קריאת PID [ppm]
CAS no.	106-99-0	107-02-8	67-63-0	107-13-1	67-66-3	107-06-2	56-23-5	75-27-4	123-91-1	79-00-5	106-93-4	127-18-4	79-34-5	100-44-7	106-46-7	96-12-8	91-20-3	87-68-3	
TIER 1 [µg/m³]	30.00	2.78	27,81	5.51	16.28	38.00	62.39	10.12	75	23	0.62	2,100	6.45	7.64	34.03	0.06	11.01	17.02	
SG 36	<0.63	6.5	20	<0.79	0.93	<0.42	<0.53	<0.55	<0.45	<0.39	<0.44	לא נבדק	<0.53	4.5	<0.59	<0.72	1.1	<0.79	>20
SG-36 dup	<0.63	6.51	17.1	<0.79	0.851	<0.42	<0.53	<0.55	<0.45	<0.39	<0.44	לא נבדק	<0.53	4.71	<0.59	<0.72	1.03	<0.79	>20
SG 37	<62	<110	750	<78	<50	<42	<52	<54	<44	<38	<44	לא נבדק	<52	<85	<58	<71	<92	<78	>20
SG 38	<0.40	1.2	2.1	<0.50	0.56	<0.27	<0.34	<0.35	<0.29	<0.25	<0.28	לא נבדק	<0.34	<0.55	<0.37	<0.46	<0.59	<0.50	>20
SG-49	<0.45	1.1	1.3	<0.56	6.1	<0.30	<0.38	<0.39	<0.32	<0.28	<0.32	לא נבדק	<0.38	<0.62	<0.42	<0.51	0.75	<0.56	>20
SG-49 dup	<0.45	0.994	1.21	<0.56	5.97	<0.30	<0.38	<0.39	<0.32	<0.28	<0.32	2.15	<0.38	<0.62	<0.42	<0.51	0.764	<0.56	>20
SG 50	<0.41	6.5	3.4	<0.51	0.51	<0.27	<0.34	<0.36	<0.29	<0.25	<0.29	1.7	<0.34	<0.56	<0.38	<0.46	<0.60	<0.51	>20
SG-51	<0.42	לא נבדק	450	<0.52	0.58	<0.28	3.2	<0.37	1.2	<0.26	<0.29	54	<0.35	<0.57	<0.39	<0.48	1.3	<0.52	>20
SG 52	<2.0	5.7	<5.0	<2.5	3.4	<1.3	14	<1.7	<1.4	<1.2	<1.4	3400	<1.7	<2.7	<1.9	<2.3	<2.9	<2.5	>20
SG 55	<0.37	5.8	3.9	<0.46	11	<0.25	170	<0.33	0.62	<0.23	<0.26	120	<0.31	<0.51	<0.35	<0.42	1.6	<0.46	>20
SG-56	<0.38	6	6.3	<0.48	1.3	<0.26	<0.32	<0.33	1.3	<0.23	<0.27	0.42	<0.32	<0.52	<0.35	<0.43	<0.56	<0.48	>20
SG-57	<0.37	1.9	<0.92	<0.46	0.6	<0.25	<0.31	<0.32	<0.26	<0.23	<0.26	1.1	<0.31	<0.50	1.2	<0.42	1.7	<0.46	>20
SG-58	<3.5	<6.0	<8.9	<4.4	<2.9	<2.4	<3.0	<3.1	<2.5	<2.2	<2.5	<2.8	<3.0	<4.8	<3.3	<4.0	<5.2	<4.4	>20
SG-58 DUP	<3.5	<6.0	<8.9	<4.4	<2.9	<2.4	<3.0	<3.1	<2.5	<2.2	<2.5	<2.8	<3.0	<4.8	<3.3	<4.0	<5.2	<4.4	>20
SG 59	<0.34	1	1.7	<0.43	3.6	<0.23	64	<0.30	0.32	<0.21	<0.24	8.3	<0.29	<0.47	<0.32	<0.39	1.1	<0.43	>20
SG-60	<0.36	לא נבדק	1,700	<0.45	0.3	<0.24	0.32	<0.31	<0.26	<0.22	<0.25	0.48	<0.30	<0.49	<0.33	<0.41	<0.53	<0.45	>20
SG 61	<0.30	<0.51	<0.74	<0.37	1.2	<0.20	<0.25	<0.26	<0.21	<0.18	<0.21	0.58	<0.25	<0.41	<0.28	<0.34	<0.44	<0.37	>20
SG 62	ND	לא נבדק	45.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	>20

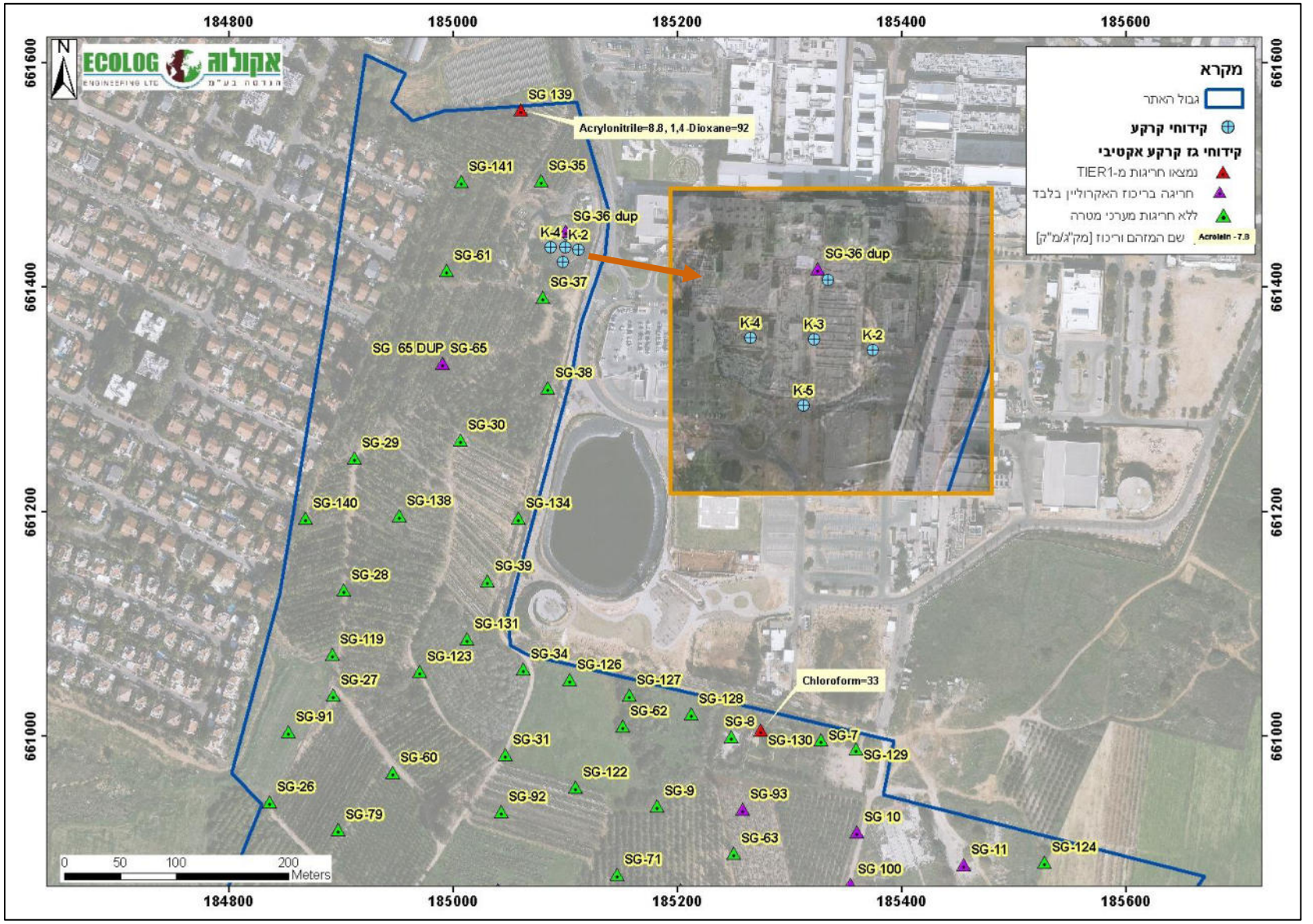
קידוח גז קרקע	1,3-Butadiene	Acrolein	2-Propanol (Isopropyl Alcohol)	Acrylonitrile	Chloroform	1,2-Dichloroethane	Carbon Tetrachloride	Bromodichloromethane	1,4-Dioxane	1,1,2-Trichloroethane	1,2-Dibromoethane	Tetrachloroethene	1,1,2,2-Tetrachloroethane	Benzyl Chloride	1,4-Dichlorobenzene	1,2-Dibromo-3-chloropropane	Naphthalene	Hexachlorobutadiene	קריאת PID [ppm]
CAS no.	106-99-0	107-02-8	67-63-0	107-13-1	67-66-3	107-06-2	56-23-5	75-27-4	123-91-1	79-00-5	106-93-4	127-18-4	79-34-5	100-44-7	106-46-7	96-12-8	91-20-3	87-68-3	
TIER 1 [µg/m³]	30.00	2.78	27,81	5.51	16.28	38.00	62.39	10.12	75	23	0.62	2,100	6.45	7.64	34.03	0.06	11.01	17.02	
SG 62 DUP	ND	לא נבדק	62.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	>20
SG 63	<0.33	2.8	1.4	<0.42	0.95	<0.22	<0.28	<0.29	<0.24	<0.21	<0.24	לא נבדק	<0.28	<0.46	<0.31	<0.38	<0.49	<0.42	>20
SG 64	<0.38	9.5	6.8	<0.47	2.6	<0.25	0.5	<0.33	6.7	<0.23	<0.27	2.4	<0.32	0.79	<0.35	<0.43	0.88	<0.47	>20
SG-65	<0.42	13	73	4.2	1.8	<0.28	<0.36	0.47	20	<0.26	<0.30	0.85	<0.36	<0.58	<0.39	<0.48	1	<0.53	>20
SG 65 DUP	<0.42	12.6	72.7	4.23	1.77	<0.28	<0.36	0.47	19.5	<0.26	<0.30	0.854	<0.36	<0.58	<0.39	<0.48	1.04	<0.53	>20
SG 71	ND	לא נבדק	35.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	>20
SG-72	<1.5	לא נבדק	20,000	<1.8	<1.2	<0.98	<1.2	<1.3	<1.0	<0.90	<1.0	<1.1	<1.2	<2.0	<1.4	<1.7	<2.2	<1.8	>20
SG 73	<1.5	<2.6	<3.8	<1.9	4.1	<1.0	<1.3	<1.3	<1.1	<0.93	<1.1	1.4	<1.3	<2.1	<1.4	<1.7	<2.2	<1.9	>20
SG 74	<0.38	1.1	2	<0.48	2.1	<0.26	11	<0.33	<0.27	<0.23	<0.27	90	<0.32	<0.52	<0.35	<0.43	<0.56	<0.48	>20
SG 75	<4.7	<7.9	<12	<5.8	<3.8	<3.1	9.3	<4.1	<3.3	<2.9	<3.3	7600	<3.9	<6.3	<4.3	<5.3	<6.9	<5.8	>20
SG 77	<0.34	2.5	1.8	<0.43	0.61	<0.23	1.1	<0.30	0.34	<0.21	<0.24	88	<0.29	<0.47	<0.32	<0.39	0.76	<0.43	>20
SG-78	<0.43	1.7	<1.1	<0.54	1	<0.29	<0.36	<0.38	<0.31	<0.27	<0.31	<0.34	<0.36	<0.59	<0.40	<0.49	<0.64	<0.54	>20
SG-79	<0.36	לא נבדק	2,400	<0.45	1.2	<0.24	3.8	<0.31	<0.26	<0.22	<0.25	27	<0.30	<0.49	<0.33	<0.41	<0.53	<0.45	>20
SG-80	<0.39	4.4	14	<0.49	7	<0.26	0.55	<0.34	3.6	<0.24	<0.28	210	<0.33	0.8	1.4	<0.45	6.3	<0.49	>20
SG-81	<0.37	3.8	1.9	<0.47	5.9	<0.25	1	2.1	<0.27	<0.23	<0.26	130	<0.31	<0.51	<0.35	<0.43	<0.55	<0.47	>20
SG-89	<0.37	3.3	3.6	<0.46	5	<0.25	2.7	0.6	0.94	<0.23	<0.26	77	<0.31	<0.50	<0.34	<0.42	0.78	<0.46	>20
SG-90	<0.43	6.9	4.4	<0.54	18	<0.29	8.7	6.6	0.92	<0.26	<0.30	760	<0.36	<0.59	<0.40	<0.49	0.77	<0.54	>20
SG-91	<0.36	1.7	6.9	<0.45	0.43	<0.24	0.44	<0.31	<0.26	<0.22	<0.25	8.4	<0.30	<0.49	<0.33	<0.41	<0.53	<0.45	>20
SG-92	<0.52	לא נבדק	2,300	<0.65	1.3	<0.35	<0.43	<0.45	<0.37	<0.32	<0.36	2.7	<0.43	1.7	<0.48	<0.59	<0.76	<0.65	>20

קידוח גז קרקע	1,3-Butadiene	Acrolein	2-Propanol (Isopropyl Alcohol)	Acrylonitrile	Chloroform	1,2-Dichloroethane	Carbon Tetrachloride	Bromodichloromethane	1,4-Dioxane	1,1,2-Trichloroethane	1,2-Dibromoethane	Tetrachloroethene	1,1,2,2-Tetrachloroethane	Benzyl Chloride	1,4-Dichlorobenzene	1,2-Dibromo-3-chloropropane	Naphthalene	Hexachlorobutadiene	קריאת PID [ppm]
CAS no.	106-99-0	107-02-8	67-63-0	107-13-1	67-66-3	107-06-2	56-23-5	75-27-4	123-91-1	79-00-5	106-93-4	127-18-4	79-34-5	100-44-7	106-46-7	96-12-8	91-20-3	87-68-3	
TIER 1 [µg/m³]	30.00	2.78	27,81	5.51	16.28	38.00	62.39	10.12	75	23	0.62	2,100	6.45	7.64	34.03	0.06	11.01	17.02	
SG-93	<0.38	2.9	5.3	<0.47	1.6	<0.25	<0.32	<0.33	3.1	<0.23	<0.27	0.9	<0.32	0.99	<0.35	<0.43	0.97	<0.47	>20
SG 94	<0.39	4.6	1.7	<0.48	0.51	<0.26	2.4	<0.34	<0.28	<0.24	<0.27	1.6	<0.32	<0.53	<0.36	<0.44	<0.57	<0.48	>20
SG-95	<0.62	7.8	14	<0.77	2.1	<0.41	2.2	<0.54	6	<0.38	<0.43	1.9	<0.52	2	<0.57	<0.70	<0.91	<0.77	>20
SG-96	<3.3	<5.6	14	<4.1	<2.6	<2.2	<2.8	<2.9	<2.3	<2.0	<2.3	3000	<2.8	<4.5	<3.1	<3.7	<4.8	<4.1	>20
SG 97	<0.36	2.3	1.9	<0.45	0.8	<0.24	6.2	<0.31	1.6	<0.22	<0.25	740	<0.30	<0.49	<0.33	<0.41	0.78	<0.45	>20
SG 98	<0.34	4.3	10	0.57	2.3	<0.23	1.9	<0.30	0.28	<0.21	<0.24	7.2	<0.28	<0.46	<0.32	<0.39	<0.50	<0.42	>20
SG 99	<0.32	2.8	30	<0.40	<0.26	<0.22	0.37	<0.28	<0.23	<0.20	<0.23	0.98	<0.27	<0.44	<0.30	<0.37	<0.48	<0.40	>20
SG 100	<0.76	7.7	82	<0.95	2	<0.51	<0.64	<0.67	<0.54	<0.47	<0.54	7.6	<0.64	<1.0	<0.71	<0.87	<1.1	<0.95	>20
SG 101	ND	לא נבדק	64.05	ND	ND	ND	ND	ND	ND	ND	ND	41.85	ND	ND	ND	ND	ND	ND	>20
SG-103	<2.0	<3.4	22	<2.5	3.2	<1.3	<1.7	<1.7	7.2	<1.2	<1.4	<1.6	<1.7	4.7	<1.8	<2.3	<2.9	<2.5	>20
SG-103 dup	<2.0	<3.4	21.9	<2.5	3.29	<1.3	<1.7	<1.7	7.17	<1.2	<1.4	לא נבדק	<1.7	4.53	<1.8	<2.3	<2.9	<2.5	>20
SG 104	<0.37	4	3.9	<0.46	1.1	<0.25	35	<0.32	6.3	<0.23	<0.26	1,700	<0.31	<0.50	<0.34	<0.42	0.61	<0.46	>20
SG 105	<0.62	15	4.7	<0.78	4.9	<0.42	23	<0.55	2.9	<0.38	<0.44	690	<0.52	<0.85	<0.58	<0.71	15	<0.78	>20
SG 106	<0.35	2.9	1.2	<0.44	8.8	<0.23	77	<0.31	<0.25	<0.21	<0.25	140	<0.29	<0.48	<0.33	<0.40	1.2	<0.44	>20
SG 107	<0.39	8.8	6.2	<0.48	9.1	<0.26	180	<0.34	5.3	<0.24	<0.27	81	<0.33	<0.53	<0.36	<0.44	0.65	<0.48	>20
SG 108	<0.59	2.5	<1.5	<0.74	4.7	<0.40	110	<0.52	5	<0.37	<0.42	16	<0.50	<0.81	<0.55	<0.68	0.9	<0.74	>20
SG 109	<0.39	0.84	<0.97	<0.48	3.9	<0.26	44	<0.34	0.32	<0.24	<0.27	9.6	<0.33	<0.53	<0.36	<0.44	0.81	<0.48	>20
SG 110	<0.35	<0.59	<0.87	<0.43	2.7	<0.23	25	<0.30	<0.25	<0.21	<0.24	3.7	<0.29	<0.47	<0.32	<0.40	<0.51	<0.43	>20
SG 111	<1.5	7.9	80	<1.9	1.9	<1.0	2.8	<1.3	1.1	<0.93	<1.1	120	<1.3	<2.1	<1.4	<1.7	<2.2	<1.9	>20

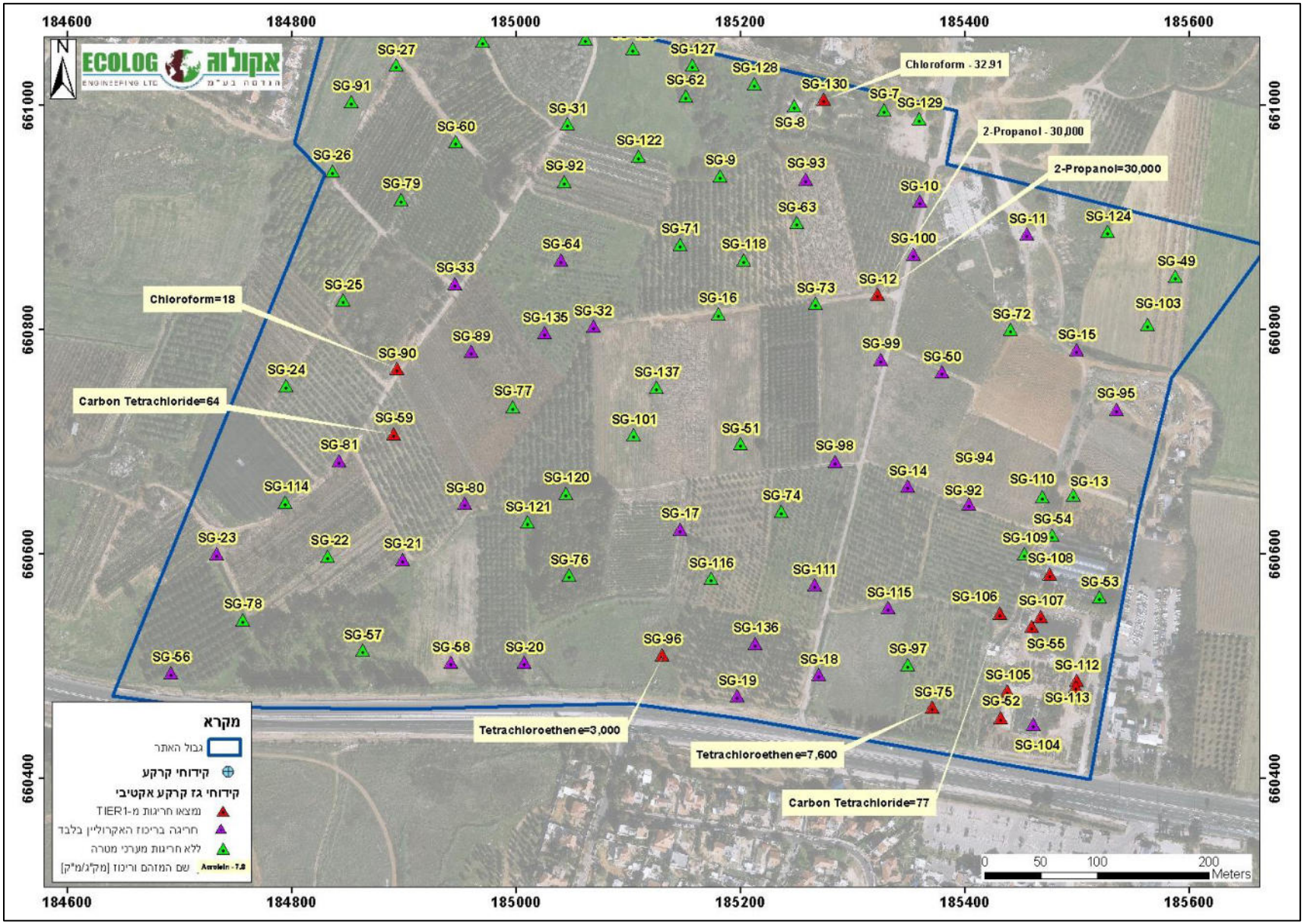
קידוח גז קרקע	1,3-Butadiene	Acrolein	2-Propanol (Isopropyl Alcohol)	Acrylonitrile	Chloroform	1,2-Dichloroethane	Carbon Tetrachloride	Bromodichloromethane	1,4-Dioxane	1,1,2-Trichloroethane	1,2-Dibromoethane	Tetrachloroethene	1,1,2,2-Tetrachloroethane	Benzyl Chloride	1,4-Dichlorobenzene	1,2-Dibromo-3-chloropropane	Naphthalene	Hexachlorobutadiene	קריאת PID [ppm]
CAS no.	106-99-0	107-02-8	67-63-0	107-13-1	67-66-3	107-06-2	56-23-5	75-27-4	123-91-1	79-00-5	106-93-4	127-18-4	79-34-5	100-44-7	106-46-7	96-12-8	91-20-3	87-68-3	
TIER 1 [µg/m³]	30.00	2.78	27,81	5.51	16.28	38.00	62.39	10.12	75	23	0.62	2,100	6.45	7.64	34.03	0.06	11.01	17.02	
SG 111 DUP	<1.5	7.91	80.4	<1.9	1.86	<1.0	2.75	<1.3	1.12	<0.93	<1.1	119	<1.3	<2.1	<1.4	<1.7	<2.2	<1.9	>20
SG-112	<0.37	2.3	1.6	<0.47	4.9	<0.25	140	<0.33	<0.27	<0.23	<0.26	310	<0.31	<0.51	<0.35	<0.43	5.1	<0.47	>20
SG 113	<3.8	<6.5	<9.5	<4.8	4.2	<2.6	87	<3.3	5.3	<2.3	<2.7	340	<3.2	<5.2	<3.5	<4.3	<5.6	<4.8	>20
SG-114	<0.39	1.5	<0.97	<0.49	0.89	<0.26	<0.33	<0.34	<0.28	<0.24	<0.27	60	<0.33	<0.53	<0.36	<0.44	<0.58	<0.49	>20
SG-115	<0.40	4	6.3	<0.50	2.8	<0.27	11	<0.35	<0.29	<0.25	<0.28	330	<0.34	<0.55	<0.38	<0.46	<0.59	<0.50	>20
SG-116	<0.35	1.8	4.1	<0.44	0.91	<0.24	4.2	<0.31	0.43	<0.22	<0.25	840	<0.30	<0.48	<0.33	<0.40	1	<0.44	>20
SG 118	ND	לא נבדק	38.86	לא נבדק	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	>20
SG 119	<0.39	0.69	<0.96	<0.48	0.63	<0.26	<0.32	<0.34	<0.28	<0.24	<0.27	0.67	<0.32	<0.53	<0.36	<0.44	<0.57	<0.48	>20
SG 120	<0.37	לא נבדק	280	<0.46	0.93	<0.25	3.9	<0.32	0.35	<0.23	<0.26	500	<0.31	<0.50	<0.34	<0.42	<0.54	<0.46	>20
SG 121	<0.40	לא נבדק	22	<0.50	1.9	<0.27	2.9	<0.35	2.6	<0.25	<0.28	640	<0.34	<0.55	<0.38	<0.46	<0.59	<0.50	>20
SG 122	ND	לא נבדק	58.84	לא נבדק		ND	ND	ND	ND	ND	ND	לא נבדק	ND	ND	ND	N.D.	N.D.	N.D.	>20
SG-124	<0.37	1.3	<0.92	<0.46	2	<0.25	0.32	<0.32	<0.26	<0.23	<0.26	לא נבדק	<0.31	<0.50	<0.34	<0.42	<0.55	<0.46	>20
SG 126	ND	לא נבדק	<24.6	לא נבדק		ND	ND	ND	ND	ND	ND	12.09	ND	ND	ND	N.D.	N.D.	N.D.	>20
SG 127	ND	לא נבדק	113.07	לא נבדק		ND	ND	ND	ND	ND	ND	לא נבדק	ND	ND	ND	לא נבדק	ND	ND	>20
SG 128	ND	לא נבדק	171.66	לא נבדק		ND	ND	ND	ND	ND	ND	לא נבדק	ND	ND	ND	לא נבדק	ND	ND	>20
SG 129	<0.38	0.89	2.8	<0.48	2.7	<0.26	<0.32	<0.33	<0.27	<0.23	<0.27	לא נבדק	<0.32	<0.52	2.7	<0.44	2.2	<0.48	>20
SG-130	ND	לא נבדק	29.45	לא נבדק	32.91	ND	ND	ND	ND	ND	ND	לא נבדק	ND	ND	ND	לא נבדק	ND	ND	>20
SG 135	<0.35	6.4	4.2	<0.44	7	<0.24	1.1	<0.31	<0.25	<0.22	<0.25	11	<0.30	<0.48	<0.33	<0.40	1.1	<0.44	>20

קידוח גז קרקע	1,3-Butadiene	Acrolein	2-Propanol (Isopropyl Alcohol)	Acrylonitrile	Chloroform	1,2-Dichloroethane	Carbon Tetrachloride	Bromodichloromethane	1,4-Dioxane	1,1,2-Trichloroethane	1,2-Dibromoethane	Tetrachloroethene	1,1,2,2-Tetrachloroethane	Benzyl Chloride	1,4-Dichlorobenzene	1,2-Dibromo-3-chloropropane	Naphthalene	Hexachlorobutadiene	קריאת PID [ppm]
CAS no.	106-99-0	107-02-8	67-63-0	107-13-1	67-66-3	107-06-2	56-23-5	75-27-4	123-91-1	79-00-5	106-93-4	127-18-4	79-34-5	100-44-7	106-46-7	96-12-8	91-20-3	87-68-3	
TIER 1 [µg/m³]	30.00	2.78	27,81	5.51	16.28	38.00	62.39	10.12	75	23	0.62	2,100	6.45	7.64	34.03	0.06	11.01	17.02	
SG-136	<1.4	3.3	11	<1.8	3.5	<0.96	1.7	<1.3	<1.0	<0.88	<1.0	570	<1.2	<2.0	<1.3	<1.6	<2.1	<1.8	>20
SG-138	<0.38	1.9	1.3	<0.47	5.4	<0.25	<0.32	1.8	<0.27	<0.23	<0.27	0.53	<0.32	<0.52	<0.35	<0.43	0.88	<0.47	>20
SG 139	1.5	22	160	8.8	2	<0.23	<0.29	<0.30	92	<0.21	<0.24	1.7	<0.29	<0.47	<0.32	<0.40	3	<0.43	>20
SG 140	<0.40	<0.69	<1.0	<0.51	3	<0.27	<0.34	<0.35	<0.29	<0.25	<0.29	1.1	<0.34	<0.55	<0.38	<0.46	<0.60	<0.51	>20
SG 141	<0.34	<0.58	1.7	<0.43	0.96	<0.23	<0.29	<0.30	<0.24	<0.21	<0.24	0.71	<0.29	<0.47	<0.32	<0.39	<0.50	<0.43	>20
AB 23/12/2019	<0.43	4.7	5	<0.54	<0.35	<0.29	0.38	<0.38	2.9	<0.26	<0.30	<0.34	<0.36	<0.59	<0.40	<0.49	<0.63	<0.54	>20
AB 22/4/2020	ND	לא נבדק	<24.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	>20
AB 31/12/2019	<0.31	<0.54	<0.79	<0.39	<0.25	<0.21	0.36	<0.28	<0.23	<0.19	<0.22	<0.25	<0.26	<0.43	<0.29	<0.36	<0.46	<0.39	>20
AB 26/5/20	<0.39	<0.66	<0.97	<0.49	<0.31	<0.26	0.4	<0.34	<0.28	<0.24	<0.27	0.89	<0.33	<0.53	<0.36	<0.44	<0.58	<0.49	>20
AB 2/7/20	<0.33	לא נבדק	520	<0.41	<0.27	<0.22	0.3	<0.29	<0.24	<0.20	<0.23	0.3	<0.28	<0.45	<0.31	<0.38	<0.49	<0.41	>20
AB 1/7/20	<0.38	לא נבדק	240	<0.47	<0.30	<0.25	0.46	<0.33	<0.27	<0.23	<0.27	0.46	<0.32	<0.51	<0.35	<0.43	<0.56	<0.47	>20
AB 30/6/20	<0.33	לא נבדק	67	<0.41	<0.26	<0.22	0.36	0.35	0.46	<0.20	<0.23	10	<0.27	<0.44	<0.30	<0.37	<0.48	<0.41	>20
AB 8/7/20	<0.38	לא נבדק	750	<0.48	<0.31	<0.26	0.35	<0.33	4.4	<0.23	<0.27	<0.30	<0.32	<0.52	<0.35	<0.43	<0.56	<0.48	>20

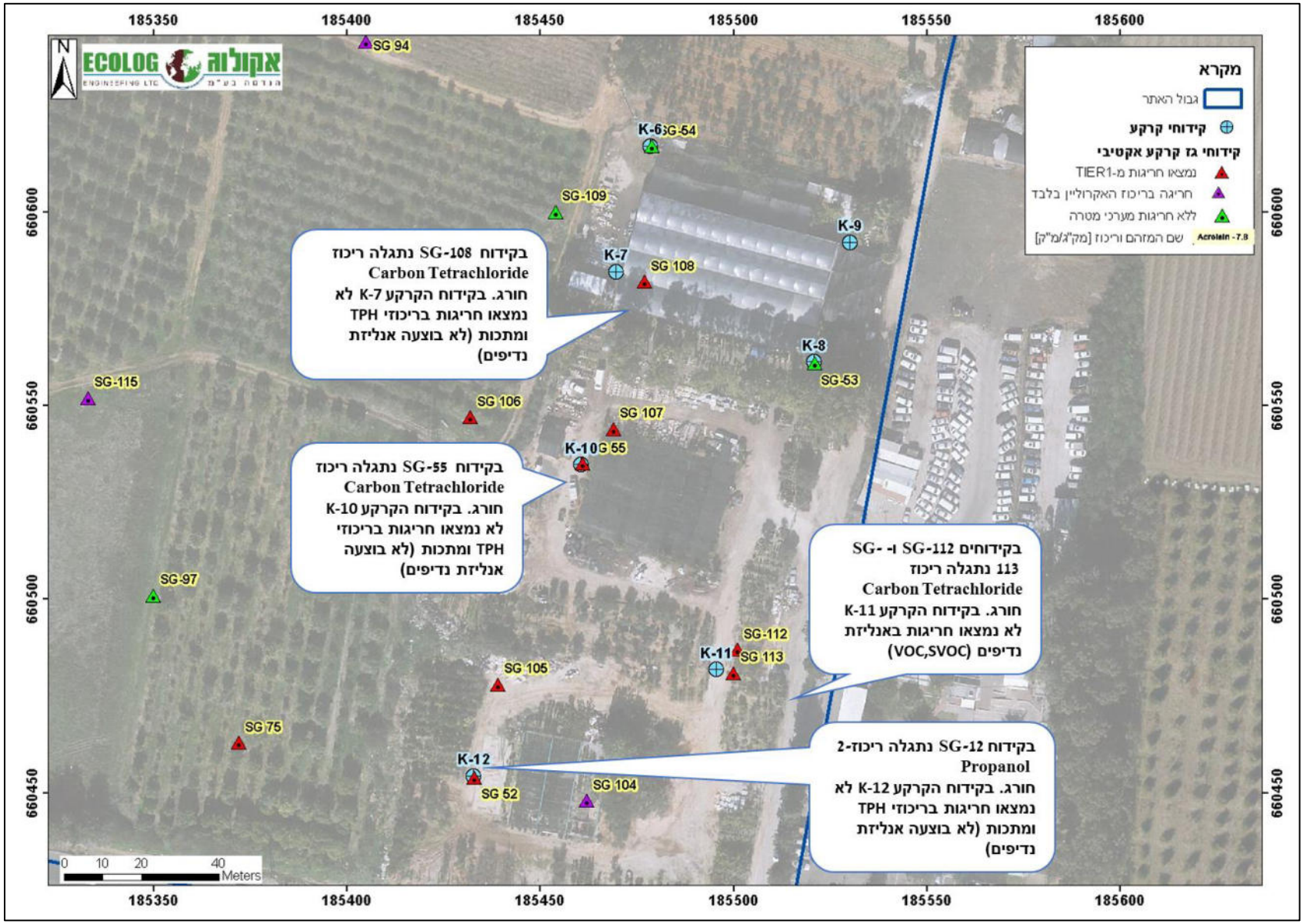
(1) Tier 1 Risk Based Target Level (RBTL) - Residential Land Use (משרד להגנת הסביבה, ינואר 2020).



איור 6: ממצאי קידוחי גז הקרקע בחלקו הצפוני של האתר



איור 7: ממצאי קידוחי גז הקרקע בחלקו הדרומי של האתר



איור 8: קורלציה בין ממצאי קידוחי הקרקע וקידוחי גז הקרקע שבוצעו

4.3 בקרת איכות – פיצול למעבדה משנית וחזרתיות (דופליקט)

בהתאם להנחיות המשרד להגנת הסביבה, בוצע פיצול של אנליזות גזי הקרקע ונשלחו דגימות למעבדת בקטוכם, כמעבדה משנית. בטבלה 7 להלן מוצגות תוצאות אנליזות הפיצול (ספליט). בטבלה 8 מוצגות תוצאות אנליזות הדופליקט שבוצעו במעבדה הראשית, מעבדת ALS.

טבלה 7: תוצאות פיצול עבור אנליזת גזי קרקע, מעבדה משנית (תוצאות מלאות)

SG 24	SG 25	SG 79	SG 22	SG 59	TIER 1	פרמטר [µg/m³]
6835	4850	5537	5197	4350	[µg/m³]	
43.87	43.42	<DL	<DL	<DL	4310476	Acetone
<DL	<DL	<DL	<DL	<DL	-	Benzene
<DL	<DL	<DL	<DL	<DL	-	1-ethyl-4-methyl-Benzene
<DL	<DL	<DL	<DL	<DL	-	Benzyl chloride
<DL	<DL	<DL	<DL	<DL	-	1,3-butadiene
<DL	<DL	<DL	<DL	<DL	-	Bromodichloromethane
<DL	<DL	<DL	<DL	<DL	-	Bromoform
<DL	<DL	<DL	<DL	<DL	-	Bromomethane
<DL	10.91	<DL	<DL	<DL	695238	2-butanone
<DL	<DL	<DL	<DL	<DL	-	Carbon disulfide
<DL	16.73	<DL	<DL	<DL	62.39	Carbon tetrachloride
<DL	<DL	<DL	<DL	<DL	-	Chlorobenzene
<DL	<DL	<DL	<DL	10.89	16.28	Chloroform
<DL	<DL	<DL	<DL	<DL	-	Chloromethane
19.45	<DL	<DL	<DL	38.24	834285	Cyclohexane
<DL	<DL	<DL	<DL	<DL	-	Dibromochloromethane
<DL	<DL	<DL	<DL	<DL	-	1,2-dibromoethane
<DL	<DL	<DL	<DL	<DL	-	1,2-dichlorobenzene
<DL	<DL	<DL	<DL	<DL	-	1,3-dichlorobenzene
<DL	<DL	<DL	<DL	<DL	-	1,4-dichlorobenzene
<DL	<DL	<DL	<DL	<DL	-	1,1-dichloroethane
<DL	<DL	<DL	<DL	<DL	-	1,2-dichloroethane
<DL	<DL	<DL	<DL	<DL	-	1,1-dichloroethene
<DL	<DL	<DL	<DL	<DL	-	Cis-1,2-dichloroethene
<DL	<DL	<DL	<DL	<DL	-	Trans-1,2-dichloroethene
<DL	<DL	<DL	<DL	<DL	-	1,2-dichloropropane
<DL	<DL	<DL	<DL	<DL	-	Cis-1,3-dichloropropene
<DL	<DL	<DL	<DL	<DL	-	Trans-1,3-dichloropropene
<DL	<DL	<DL	<DL	<DL	-	1,4-dioxane
404.73	194.07	275.47	237.79	166.94	NA	Ethanol
7.1	<DL	<DL	<DL	<DL	9733.33	Ethyl acetate
<DL	<DL	<DL	<DL	<DL	-	Ethyl chloride
<DL	<DL	<DL	<DL	<DL	-	Ethylbenzene
<DL	<DL	<DL	<DL	<DL	-	Freon-11
<DL	<DL	<DL	<DL	<DL	-	Freon-113
<DL	<DL	<DL	<DL	<DL	-	Freon-114
<DL	<DL	<DL	<DL	<DL	-	Freon-12
<DL	<DL	<DL	<DL	<DL	-	Heptane
<DL	<DL	<DL	<DL	<DL	-	Hexachlorobutadiene
<DL	<DL	<DL	<DL	<DL	-	Hexane
<DL	<DL	<DL	<DL	<DL	-	2-hexanone
592.35	398.67	1832.61	1295.31	228.09	27809.52	Isopropyl alcohol
<DL	<DL	<DL	<DL	<DL	-	Methyl isobutyl ketone
<DL	<DL	<DL	<DL	<DL	-	Methyl methacrylate
<DL	<DL	<DL	<DL	<DL	-	Methyl tert-butyl ether

SG 24	SG 25	SG 79	SG 22	SG 59	TIER 1	פרמטר [µg/m³]
6835	4850	5537	5197	4350	[µg/m³]	
29.67	<DL	4.45	4.65	58.88	45000.00	Methylene chloride
<DL	<DL	<DL	<DL	<DL	-	Naphthalene
<DL	<DL	<DL	<DL	<DL	-	Propene
<DL	<DL	<DL	<DL	<DL	-	Styrene
<DL	<DL	<DL	<DL	<DL	-	1,1,2,2-tetrachloroethane
519.55	480.21	56.3	<DL	668.76	2100.00	Tetrachloroethylene
<DL	<DL	<DL	<DL	<DL	-	Tetrahydrofuran
<DL	<DL	<DL	<DL	<DL	-	Toluene
<DL	<DL	<DL	<DL	<DL	-	1,2,4-trichlorobenzene
<DL	<DL	<DL	<DL	<DL	-	1,1,1-trichloroethane
<DL	<DL	<DL	<DL	<DL	-	1,1,2-trichloroethane
<DL	<DL	<DL	<DL	<DL	-	Trichloroethylene
<DL	<DL	<DL	<DL	<DL	-	1,2,4-trimethylbenzene
<DL	<DL	<DL	<DL	<DL	-	1,3,5-trimethylbenzene
<DL	<DL	<DL	<DL	<DL	-	Vinyl chloride
<DL	<DL	<DL	<DL	<DL	-	O-xylene
<DL	<DL	<DL	<DL	<DL	-	P+m - xylene
התגלה. חורג	התגלה. חורג	התגלה. חורג	התגלה. חורג	התגלה. תקין	-	IPA-sampling marker

<u>טבלה 8:</u> השוואת תוצאות פיצול לאנליזת גזי קרקע, מעבדה משנית מול מעבדה ראשית

בטבלה להלן מוצגים ערכים מעל לסף הכימות האנליטי בלבד, חריגות מערכי המטרה (TIER 1 למגורים, המשרד להגנ"ס ינואר 2020) מסומנות באדום. ניתן לראות לרוב אין הבדלים משמעותיים בין התוצאות שהתקבלו המעבדה הראשית (ALS) והתוצאות שהתקבלו מהמעבדה המשנית (בקטוכם), למעט בדגימה אחת, SG-59, עבור המזהם Carbon tetrachloride – על פי ממצאי המעבדה הראשית ריכוז זה חורג במעט מערכי המטרה ואילו על פי האנליזה שבוצעה במעבדה המשנית לא התגלה ריכוז מעל לסף הכימות האנליטי.

SG 24		SG 25		SG 79		SG 22		SG 59		TIER 1	פרמטר
ALS	בקטוכם	ALS	בקטוכם	ALS	בקטוכם	ALS	בקטוכם	ALS	בקטוכם	[µg/m³]	[µg/m³]
82.0	43.9	150	43.4	47.0	<DL	74.0	<DL	54.0	<DL	4,310,476	Acetone
4.1	<DL	15.0	10.9	4.4	<DL	10.0	<DL	3.4	<DL	695,238	2-butanone
10.0	<DL	2.7	16.7	3.8	<DL	<0.31	<DL	**64.0**	<DL	62.39	Carbon tetrachloride
1.0	<DL	<0.29	<DL	1.2	<DL	0.4	<DL	3.6	10.9	16.28	Chloroform
<0.64	19.5	<0.61	<DL	<0.61	<DL	<0.63	<DL	<0.59	38.2	834,285	Cyclohexane
55.0	404.7	1,100	194.1	80.0	275.5	96.0	237.8	48.0	166.9	NA	Ethanol
3.0	7.1	20.0	<DL	1.6	<DL	<1.2	<DL	1.3	<DL	9,733	Ethyl acetate
820	592.4	3,500	398.7	2,400	1,833	3,000	1,295	1.7	228.1	27,810	Isopropyl alcohol
<0.64	29.7	1.3	<DL	<0.61	4.5	<0.63	4.7	<0.59	58.9	45,000	Methylene chloride
600	519.6	46.0	480.2	27.0	56.3	2.2	<DL	8.3	668.8	2,100	Tetrachloroethylene

טבלה 9: תוצאות אנליזות הדופליקט באנליזת גזי הקרקע

חריגות מערכי המטרה (TIER 1 למגורים, המשרד להגנ"ס ינואר 2020) מסומנות באדום. ערכי סף הגדולים מערכי המטרה מסומנים בכתום.

SG-36			SG-36			SG-111			SG-58			TIER 1	פרמטר [µg/m³]
ממוצע	דופליקט	תוצאה	ממוצע	דופליקט	תוצאה	ממוצע	דופליקט	תוצאה	ממוצע	דופליקט	תוצאה		
43.685	47.14	40.23	7.2	7.75	6.66	8.99	9.29	8.69	99.7	93.4	106	417142.86	Propene
-	ND	ND	2.4	2.38	2.46	2.435	2.39	2.48	-	<3.5	<3.5	13904.76	Dichlorodifluoromethane
-	ND	ND	-	<0.61	<0.61	1.635	1.62	1.65	-	<3.5	<3.5	12514.29	Chloromethane
-	ND	ND	-	<0.60	<0.60	-	<1.4	<1.4	-	<3.4	<3.4	NA	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)
-	ND	ND	-	<0.41	<0.41	-	<0.98	<0.98	-	<2.3	<2.3	85.08	Vinyl Chloride
-	ND	ND	-	<0.63	<0.63	-	<1.5	<1.5	-	<3.5	<3.5	30.00	1,3-Butadiene
-	ND	ND	-	<0.53	<0.53	-	<1.3	<1.3	-	<3.0	<3.0	695.24	Bromomethane
-	ND	ND	-	<0.47	<0.47	-	<1.1	<1.1	-	<2.7	<2.7	1390476.19	Chloroethane
198.72	237	160	1250.0	1,240	1,260	4365	4,340	4,390	112.25	92.5	132	NA	Ethanol
-	לא נבדק	לא נבדק	-	<0.93	<0.93	-	<2.2	3.04	-	<5.2	<5.2	8342.86	Acetonitrile
-	לא נבדק	לא נבדק	**6.5**	**6.51**	**6.48**	**8.005**	**8.1**	**7.91**	-	<6.0	<6.0	2.78	Acrolein
58.39	63.08	53.7	80.3	79.4	81.2	291.5	288	295	63.45	51.5	75.4	4310476.19	Acetone
24.29	23.98	24.6	6.1	5.8	6.34	10.85	10.7	11	-	<3.3	<3.3	NA	Trichlorofluoromethane
54.05	62.55	45.55	18.4	17.1	19.7	79	77.6	80.4	-	<8.9	<8.9	27809.52	2-Propanol (Isopropyl Alcohol)
-	ND	ND	-	<0.79	<0.79	-	<1.9	<1.9	-	<4.4	<4.4	5.51	Acrylonitrile
-	ND	ND	-	<0.53	<0.53	-	<1.3	<1.3	-	<3.0	<3.0	27809.52	1,1-Dichloroethene
-	ND	ND	-	<1.1	<1.1	4.035	3.94	4.13	-	<6.0	15.5	45000.00	Methylene Chloride
-	ND	ND	-	<0.51	<0.51	-	<1.2	<1.2	-	<2.9	<2.9	62.39	3-Chloro-1-propene (Allyl Chloride)
-	ND	ND	-	<0.54	<0.54	-	<1.3	<1.3	-	<3.1	<3.1	695238.10	Trichlorotrifluoroethane
-	ND	ND	2.9	2.84	2.86	6.1	5.87	6.33	-	<6.4	6.84	97333.33	Carbon Disulfide
-	ND	ND	-	<0.53	<0.53	1.475	1.44	1.51	-	<3.0	<3.0	NA	trans-1,2-Dichloroethene
-	ND	ND	-	<0.56	<0.56	-	<1.3	<1.3	-	<3.1	<3.1	233.97	1,1-Dichloroethane
-	ND	ND	-	<0.45	<0.45	-	<1.1	<1.1	-	<2.5	<2.5	1439.84	Methyl tert-Butyl Ether
-	ND	ND	60.5	60.2	60.8	30.35	30.2	30.5	-	<48	<48	27809.52	Vinyl Acetate
-	ND	ND	12.8	12.6	12.9	54.05	53.7	54.4	-	<4.4	<4.4	695238.10	2-Butanone (MEK)
-	ND	ND	-	<0.54	<0.54	-	<1.3	<1.3	-	<3.0	<3.0	NA	cis-1,2-Dichloroethene
11.785	12.39	11.18	43.2	42.8	43.6	1755	1,730	1,780	-	<11	14.7	9733.33	Ethyl Acetate
-	ND	ND	1.3	1.28	1.25	7.185	7.28	7.09	8.995	8.69	9.3	97333.33	n-Hexane

SG-36			SG-36			SG-111			SG-58			TIER 1	פרמטר [µg/m³]
ממוצע	דופליקט	תוצאה	ממוצע	דופליקט	תוצאה	ממוצע	דופליקט	תוצאה	ממוצע	דופליקט	תוצאה		
-	ND	ND	0.9	0.851	0.93	1.805	1.75	1.86	-	<2.9	<2.9	16.28	Chloroform
-	ND	ND	30.3	29.9	30.7	4.205	4.06	4.35	-	<2.7	<2.7	278095.24	Tetrahydrofuran (THF)
-	ND	ND	-	<0.42	<0.42	-	<1.0	<1.0	-	<2.4	<2.4	38.00	1,2-Dichloroethane
-	ND	ND	-	<0.47	<0.47	-	<1.1	<1.1	-	<2.7	<2.7	695238.10	1,1,1-Trichloroethane
-	ND	ND	1.7	1.67	1.67	8.555	8.32	8.79	-	<3.1	<3.1	130.00	Benzene
-	ND	ND	-	<0.53	<0.53	2.7	2.65	2.75	-	<3.0	<3.0	62.39	Carbon Tetrachloride
-	ND	ND	-	<1.1	<1.1	-	<2.6	<2.6	-	<6.0	<6.0	834285.71	Cyclohexane
-	ND	ND	-	<0.47	<0.47	-	<1.1	<1.1	-	<2.7	<2.7	101.18	1,2-Dichloropropane
-	ND	ND	-	<0.55	<0.55	-	<1.3	<1.3	-	<3.1	<3.1	10.12	Bromodichloromethane
-	ND	ND	-	<0.51	<0.51	5.795	5.76	5.83	-	<2.9	<2.9	200.00	Trichloroethene
-	ND	ND	-	<0.45	<0.45	1.11	1.1	1.12	-	<2.5	<2.5	74.87	1,4-Dioxane
-	ND	ND	-	<1.4	<1.4	-	<3.3	<3.3	-	<7.6	<7.6	97333.33	Methyl Methacrylate
-	ND	ND	1.3	1.36	1.33	2.035	2.2	1.87	-	<3.4	<3.4	NA	n-Heptane
-	ND	ND	-	<0.59	<0.59	-	<1.4	<1.4	-	<3.3	<3.3	NA	cis-1,3-Dichloropropene
-	ND	ND	1.6	1.54	1.56	2.425	2.44	2.41	-	<2.9	<2.9	417142.86	4-Methyl-2-pentanone
-	ND	ND	-	<0.79	<0.79	-	<1.9	<1.9	-	<4.4	<4.4	NA	trans-1,3-Dichloropropene
-	ND	ND	-	<0.39	<0.39	-	<0.93	<0.93	-	<2.2	<2.2	23.40	1,1,2-Trichloroethane
-	ND	ND	4.1	4.08	4.06	41.75	41.5	42	15.75	15.3	16.2	30000.00	Toluene
-	ND	ND	4.1	4.2	4.04	4.25	4.23	4.27	-	<2.7	<2.7	4171.43	2-Hexanone
-	ND	ND	-	<0.50	<0.50	-	<1.2	<1.2	-	<2.8	<2.8	NA	Dibromochloromethane
-	ND	ND	-	<0.44	<0.44	-	<1.1	<1.1	-	<2.5	<2.5	0.62	1,2-Dibromoethane
-	ND	ND	173.0	171	175	29.8	29.6	30	-	<2.9	<2.9	NA	n-Butyl Acetate
-	ND	ND	1.4	1.22	1.54	3.44	3.35	3.53	-	<4.8	<4.8	NA	n-Octane
-	ND	ND	3.8	3.86	3.79	119	119	119	-	<2.8	<2.8	2100.00	Tetrachloroethene
-	ND	ND	-	<0.51	<0.51	-	<1.2	<1.2	-	<2.9	<2.9	6952.38	Chlorobenzene
-	ND	ND	1.1	1.14	1.07	2.42	2.36	2.48	-	<3.0	<3.0	149.74	Ethylbenzene
-	ND	ND	4.2	4.23	4.09	6.965	6.93	7	6.82	6.6	7.04	NA	m,p-Xylenes
-	ND	ND	-	<0.79	<0.79	-	<1.9	<1.9	-	<4.4	<4.4	340.33	Bromoform
-	ND	ND	1.3	1.26	1.25	4.03	4.18	3.87	-	<3.5	<3.5	10000.00	Styrene
-	ND	ND	1.3	1.4	1.18	2.75	2.82	2.67	-	<3.1	<3.1	13904.76	o-Xylene
-	ND	ND	0.9	0.91	0.90	9.94	9.77	10.1	-	<3.6	<3.6	2780.95	n-Nonane
-	ND	ND	-	<0.53	<0.53	-	<1.3	<1.3	-	<3.0	<3.0	6.45	1,1,2,2-Tetrachloroethane
-	ND	ND	6.5	6.54	6.44	10.9	10.9	10.9	-	<3.1	<3.1	55619.05	Cumene
-	ND	ND	-	<0.59	<0.59	-	<1.4	<1.4	-	<3.3	<3.3	NA	alpha-Pinene

SG-36			SG-36			SG-111			SG-58			TIER 1	פרמטר [µg/m³]
ממוצע	דופליקט	תוצאה	ממוצע	דופליקט	תוצאה	ממוצע	דופליקט	תוצאה	ממוצע	דופליקט	תוצאה		
-	ND	ND	0.6	0.601	0.651	-	<1.3	<1.3	-	<3.1	<3.1	139047.62	n-Propylbenzene
-	ND	ND	1.1	1.14	1.1	-	<1.5	<1.5	-	<3.4	<3.4	NA	4-Ethyltoluene
-	ND	ND	0.8	0.772	0.758	-	<1.3	<1.3	-	<3.1	<3.1	8342.86	1,3,5-Trimethylbenzene
-	ND	ND	4.9	4.89	4.93	3.61	3.63	3.59	-	<3.0	3.06	8342.86	1,2,4-Trimethylbenzene
-	ND	ND	4.6	4.71	4.53	-	<2.1	<2.1	-	<4.8	<4.8	7.64	Benzyl Chloride
-	ND	ND	-	<0.57	<0.57	-	<1.4	<1.4	-	<3.2	<3.2	NA	1,3-Dichlorobenzene
-	ND	ND	-	<0.59	<0.59	-	<1.4	<1.4	-	<3.3	<3.3	34.03	1,4-Dichlorobenzene
-	ND	ND	-	<0.56	<0.56	-	<1.4	<1.4	-	<3.2	<3.2	27809.52	1,2-Dichlorobenzene
-	ND	ND	2.8	2.64	2.9	10.8	11	10.6	7.79	7.33	8.25	NA	d-Limonene
-	ND	ND	-	<0.72	<0.72	-	<1.7	<1.7	-	<4.0	<4.0	0.06	1,2-Dibromo-3-chloropropane
-	ND	ND	-	<0.93	<0.93	-	<2.2	<2.2	-	<5.2	<5.2	278.10	1,2,4-Trichlorobenzene
-	ND	ND	1.1	1.03	1.07	-	<2.2	<2.2	-	<5.2	<5.2	11.01	Naphthalene
-	ND	ND	-	<0.79	<0.79	-	<1.9	<1.9	-	<4.4	<4.4	17.02	Hexachlorobutadiene

SG-103			SG-49			SG-65			TIER 1	פרמטר [µg/m³]
ממוצע	דופליקט	תוצאה	ממוצע	דופליקט	תוצאה	ממוצע	דופליקט	תוצאה		
-	<2.9	<2.9	0.97	1.08	0.861	-	<0.62	<0.62	417142.86	Propene
3.975	3.85	4.1	2.86	2.78	2.94	2.67	2.61	2.73	13904.76	Dichlorodifluoromethane (CFC 12)
-	<1.9	<1.9	-	<0.44	<0.44	-	<0.41	<0.41	12514.29	Chloromethane
2.155	2.1	2.21	0.64	0.625	0.661	-	<0.40	<0.40	NA	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)
-	<1.3	<1.3	-	<0.29	<0.29	-	<0.27	<0.27	85.08	Vinyl Chloride
-	<2.0	<2.0	-	<0.45	<0.45	-	<0.42	<0.42	30.00	1,3-Butadiene
-	<1.7	<1.7	-	<0.38	<0.38	-	<0.36	<0.36	695.24	Bromomethane
-	<1.5	<1.5	-	<0.34	<0.34	-	<0.32	<0.32	1390476.19	Chloroethane
19850	20,000	19,700	11.5	11.1	11.9	397.5	374	421	NA	Ethanol
-	<2.9	<2.9	0.78	0.759	0.805	111.5	105	118	8342.86	Acetonitrile
-	<3.4	<3.4	1.02	0.994	1.05	12.55	12.5	12.6	2.78	Acrolein
283.5	282	285	12.6	12.3	12.9	950	900	1000	4310476.19	Acetone
224	222	226	185	182	187	1.57	1.56	1.58	NA	Trichlorofluoromethane
21.9	21.9	21.9	1.27	1.21	1.32	67.45	62.2	72.7	27809.52	2-Propanol (Isopropyl Alcohol)

SG-103			SG-49			SG-65			TIER 1	פרמטר [µg/m³]
ממוצע	דופליקט	תוצאה	ממוצע	דופליקט	תוצאה	ממוצע	דופליקט	תוצאה		
-	<2.5	<2.5	-	<0.56	<0.56	4.07	3.91	4.23	5.51	Acrylonitrile
-	<1.7	<1.7	-	<0.38	<0.38	-	<0.36	<0.36	27809.52	1,1-Dichloroethene
-	<3.4	<3.4	-	<0.77	<0.77	0.8855	0.86	0.91	45000.00	Methylene Chloride
-	<1.6	<1.6	-	<0.37	<0.37	-	<0.35	<0.35	62.39	3-Chloro-1-propene (Allyl Chloride)
-	<1.7	<1.7	0.63	0.62	0.636	0.4585	0.451	0.466	695238.10	Trichlorotrifluoroethane
7.045	6.99	7.1	-	<0.82	<0.82	170	167.00	173.00	97333.33	Carbon Disulfide
-	<1.7	<1.7	-	<0.38	<0.38	-	<0.36	<0.36	NA	trans-1,2-Dichloroethene
-	<1.8	<1.8	-	<0.40	<0.40	-	<0.37	<0.37	233.97	1,1-Dichloroethane
-	<1.4	<1.4	0.57	0.538	0.605	-	<0.30	<0.30	1439.84	Methyl tert-Butyl Ether
-	<27	<27	-	<6.2	<6.2	493	488.00	498.00	27809.52	Vinyl Acetate
41.2	41.1	41.3	2.87	2.8	2.94	95.15	92.6	97.7	695238.10	2-Butanone (MEK)
-	<1.7	<1.7	-	<0.38	<0.38	-	<0.36	<0.36	NA	cis-1,2-Dichloroethene
32.4	32	32.8	17.9	17.7	18.1	-	<1.3	<1.3	9733.33	Ethyl Acetate
-	<2.5	<2.5	0.86	0.83	0.882	-	<0.53	<0.53	97333.33	n-Hexane
3.265	3.29	3.24	6.02	5.97	6.07	1.73	1.69	1.77	16.28	Chloroform
-	<1.5	<1.5	0.89	0.902	0.882	-	<0.32	<0.32	278095.24	Tetrahydrofuran (THF)
-	<1.3	<1.3	-	<0.30	<0.30	-	<0.28	<0.28	38.00	1,2-Dichloroethane
-	<1.5	<1.5	-	<0.34	<0.34	-	<0.32	<0.32	695238.10	1,1,1-Trichloroethane
5.68	5.61	5.75	-	<0.39	<0.39	0.43	0.42	0.44	130.00	Benzene
-	<1.7	<1.7	-	<0.38	<0.38	-	<0.36	<0.36	62.39	Carbon Tetrachloride
-	<3.4	<3.4	-	<0.77	<0.77	-	<0.72	<0.72	834285.71	Cyclohexane
-	<1.5	<1.5	-	<0.34	<0.34	-	<0.32	<0.32	101.18	1,2-Dichloropropane
-	<1.7	<1.7	-	<0.39	<0.39	0.444	0.42	0.47	10.12	Bromodichloromethane
-	<1.6	<1.6	0.42	0.41	0.425	2.015	1.99	2.04	200.00	Trichloroethene
7.19	7.17	7.21	-	<0.32	<0.32	18.85	18.20	19.50	74.87	1,4-Dioxane
-	<4.3	<4.3	1.57	1.59	1.54	4.87	4.84	4.9	97333.33	Methyl Methacrylate
-	<1.9	2.07	1.81	1.89	1.73	1.83	1.71	1.95	NA	n-Heptane
-	<1.9	<1.9	-	<0.43	<0.43	-	<0.40	<0.40	NA	cis-1,3-Dichloropropene
-	<1.6	<1.6	-	0.441	<0.37	68.65	65.6	71.70	417142.86	4-Methyl-2-pentanone
-	<2.5	<2.5	-	<0.56	<0.56	-	<0.53	<0.53	NA	trans-1,3-Dichloropropene
-	<1.2	<1.2	-	<0.28	<0.28	-	<0.26	<0.26	23.40	1,1,2-Trichloroethane

SG-103			SG-49			SG-65			TIER 1	פרמטר [µg/m³]
ממוצע	דופליקט	תוצאה	ממוצע	דופליקט	תוצאה	ממוצע	דופליקט	תוצאה		
17.3	17	17.6	39.4	39.1	39.6	6.89	6.88	6.9	30000.00	Toluene
4.97	5.48	4.46	-	<0.34	<0.34	-	<0.32	<0.32	4171.43	2-Hexanone
-	<1.6	<1.6	-	<0.36	<0.36	-	<0.34	<0.34	NA	Dibromochloromethane
-	<1.4	<1.4	-	<0.32	<0.32	-	<0.30	<0.30	0.62	1,2-Dibromoethane
24.7	24	25.4	1.34	1.32	1.36	8.93	7.36	10.5	NA	n-Butyl Acetate
-	<2.7	2.79	2.42	2.54	2.29	-	<0.58	<0.58	NA	n-Octane
-	<1.6	<1.6	2.13	2.15	2.1	0.8325	0.811	0.854	2100.00	Tetrachloroethene
-	<1.6	<1.6	-	<0.36	<0.36	-	<0.34	<0.34	6952.38	Chlorobenzene
9.735	9.53	9.94	10.1	10	10.1	7.475	7.37	7.58	149.74	Ethylbenzene
28.2	27.9	28.5	32.4	32.3	32.4	24.55	24.3	24.8	NA	m,p-Xylenes
-	<2.5	<2.5	-	<0.56	<0.56	-	<0.53	<0.53	340.33	Bromoform
-	<1.9	<1.9	2.35	2.41	2.28	0.7655	0.758	0.773	10000.00	Styrene
10.95	10.7	11.2	12.9	13	12.8	4.895	4.83	4.96	13904.76	o-Xylene
5.835	5.63	6.04	4.69	4.81	4.56	-	<0.43	<0.43	2780.95	n-Nonane
-	<1.7	<1.7	-	<0.38	<0.38	-	<0.36	<0.36	6.45	1,1,2,2-Tetrachloroethane
15.75	15.5	16	-	0.441	<0.39	0.977	0.96	0.99	55619.05	Cumene
-	<1.8	<1.8	-	0.461	<0.42	-	<0.39	<0.39	NA	alpha-Pinene
-	<1.7	<1.7	0.48	0.559	0.41	0.66	0.648	0.672	139047.62	n-Propylbenzene
-	<1.9	<1.9	0.69	0.738	0.646	0.6695	0.667	0.672	NA	4-Ethyltoluene
-	<1.7	<1.7	0.64	0.697	0.584	1.735	1.7	1.77	8342.86	1,3,5-Trimethylbenzene
-	<1.7	<1.7	2.51	2.46	2.55	4.22	4.2	4.24	8342.86	1,2,4-Trimethylbenzene
4.62	4.53	4.71	-	<0.62	<0.62	-	<0.58	<0.58	7.64	Benzyl Chloride
-	<1.8	<1.8	-	<0.41	<0.41	-	<0.38	<0.38	NA	1,3-Dichlorobenzene
-	<1.8	<1.8	-	<0.42	<0.42	-	<0.39	<0.39	34.03	1,4-Dichlorobenzene
-	<1.8	<1.8	-	<0.40	<0.40	-	<0.38	<0.38	27809.52	1,2-Dichlorobenzene
7.2	7.17	7.23	2.59	2.85	2.33	1.685	1.66	1.71	NA	d-Limonene
-	<2.3	<2.3	-	<0.51	<0.51	-	<0.48	<0.48	0.06	1,2-Dibromo-3-chloropropane
-	<2.9	<2.9	-	<0.67	<0.67	-	<0.62	<0.62	278.10	1,2,4-Trichlorobenzene
-	<2.9	<2.9	0.76	0.764	0.748	0.981	0.922	1.04	11.01	Naphthalene
-	<2.5	<2.5	-	<0.56	<0.56	-	<0.53	<0.53	17.02	Hexachlorobutadiene

5 סיכום והמלצות

ממצאי סקר הקרקע מראים כי בכל קידוחי הקרקע שבוצעו **לא נתגלו ממצאי שדה חריגים או ריכוזים חורגים מערכי המטרה VSL עבור מזהמים מסוד תרכובות דלקים ונגזרותיהן (אנליזת TPH), חומרים אורגנים נדיפים (VOC) ונדיפים למחצה (SVOC).** עבור אנליזת המתכות, לא נתגלו חריגות מערכי המטרה למעט ארבע (4) תוצאות חורגות של ריכוזי ברזל, בטווח ריכוזים של 11,800 – 21,400 מ״ג/ק״ג, כאשר ערך המטרה הינו 10,165 מ״ג/ק״ג (IRBCA ינואר 2020, המשרד להגנת הסביבה). יש לציין כי ריכוזים אלה אינם חורגים מערכי ה-TIER1 וסביר להניח שמקור הברזל הינו בריכוז הטבעי בקרקע ולא כתוצאה מזיהום, לכן אין צורך לדעתנו בפעולות נוספות במסגרת חקירת הקרקע.

ממצאי סקר גז הקרקע מצביעים על חריגה בריכוזי המזהם אקרוליין (Acrolein), אשר נתגלתה בכמחצית מקידוחי הקרקע שבוצעו (כ-44 דגימות גזי קרקע, לרבות בקרות איכות), בטווח ריכוזים של 2.8-22 מק״ג/מ״ק, כאשר ערך המטרה הינו 2.78 מק״ג/מ״ק.

בנוסף לכך, התגלו מספר חריגות בריכוזי מזהמים נוספים (ערכי מטרה של TIER 1 למגורים ,IRBCA ינואר 2020, המשרד להגנת הסביבה):

- בקידוח SG-139 נתגלה Acrylonitrile בריכוז של 8.80 [מק״ג/מ״ק], כאשר ערך המטרה הינו 5.51 [מק״ג/מ״ק] וכן 1,4-Dioxane בריכוז של 92 [מק״ג/מ״ק], כאשר ערך המטרה הינו 75 [מק״ג/מ״ק];
- בקידוחים SG-90, SG-130 נתגלה Chloroform בריכוז של 18 [מק״ג/מ״ק] ו-32.91 [מק״ג/מ״ק] בהתאמה, כאשר ערך המטרה הינו 16.28 [מק״ג/מ״ק];
- בקידוח SG-12 נתגלה 2-Propanol בריכוז של 30,000 [מק״ג/מ״ק], כאשר ערך המטרה הינו 27,810 [מק״ג/מ״ק];
- בקידוחים SG-55, SG-59, SG-106, SG-107, SG-108, SG-112, SG-113 נתגלה Carbon Tetrachloride בטווח ריכוזים של 64-180 [מק״ג/מ״ק], כאשר ערך המטרה הינו 62.39 [מק״ג/מ״ק]. יש לציין כי עבוד קידוח SG-59 בוצע פיצול למעבדה משנית ובאנליזת הפיצול דווח ריכוז מתחת לסף הגילוי האנליטי.
- בקידוחים SG-52, SG-75, SG-96 נתגלה Tetrachloroethene בריכוזים 3,400 [מק״ג/מ״ק], 7,600 [מק״ג/מ״ק] ו-3,000 [מק״ג/מ״ק]. בהתאמה. ריכוז המטרה הינו 2,100 [מק״ג/מ״ק];
- בקידוח SG-105 נתגלה Naphthalene בריכוז 15 [מק״ג/מ״ק], כאשר ריכוז המטרה הינו 11.01 [מק״ג/מ״ק].

עבור שלושה (3) מקידוחי גז הקרקע בהם נמצאו ריכוזים חורגים (SG-36, SG-112 ו- SG-113) בוצעו קידוחי קרקע בסמיכות (K-1 ו- K-11 בהתאמה), אך בקידוחי הקרקע לא נתגלו חריגות באנליזת הנדיפים (VOC, SVOC).

יש לציין כי המשרד להגנת הסביבה מבצע בימים אלה בדיקה באשר לריכוזי אקרוליין בדיגום גזי קרקע, היות ודיווח ערכי מזהם זה איננו חד משמעי (ישנן מעבדות אנליטיות אשר לא מדווחות כל ריכוזו במסגרת אנליזת TO-15 ובנוסף, ישנם מקורות בספרות המקצועית המצביעים על כך שנוכחות האקרוליין בקניסטר אינה מעידה בהכרח על הימצאותו בגזי הקרקע). עם זאת, בשל החריגות הנוספות שנמצאו עבור שבעה (7) מזהמים נוספים בכחמישה עשר (15) קידוחי גז קרקע הפרוסים ברחבי השטח, המלצתנו הינה לבצע התקנת מיגון עבור מבנים המתוכננים במסגרת תכנית תמ"ל 1023, בהתאם לפריסת הקידוחים בהם נתגלו חריגות בגזי הקרקע.

נספח 1

תוצאות מלאות לאנליזות גזי קרקע

Compound	Propene	Dichlorodifluoromethane (CFC 12)	Chloromethane	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	Vinyl Chloride	1,3-Butadiene	Bromomethane	Chloroethane	Ethanol	Acetonitrile	Acrolein	Acetone	Trichlorofluoromethane (CFC 11)	2-Propanol (Isopropyl Alcohol)	Acrylonitrile	1,1-Dichloroethene	Methylene Chloride	3-Chloro-1-propene (Allyl Chloride)	Trichlorotrifluoroethane (CFC 113)	Carbon Disulfide
CAS no.	115-07-1	75-71-8	74-87-3	76-14-2	75-01-4	106-99-0	74-83-9	75-00-3	64-17-5	75-05-8	107-02-8	67-64-1	75-69-4	67-63-0	107-13-1	75-35-4	75-09-2	107-05-1	76-13-1	75-15-0
TIER 1 [µg/m³]	417,143	13,905	12,514	N/A	85.08	30.00	695	1,390,476	N/A	8,343	2.78	4,310,476	NA	27,810	5.51	27,810	45,000	62.39	695,238	97,333
SG-7	14.25	לא נבדק	ND	לא נבדק	ND	ND	ND	לא נבדק	51.19	לא נבדק	לא נבדק	36.08	54.89	ND	לא נבדק	ND	ND	לא נבדק	לא נבדק	ND
SG 8	80.98	לא נבדק	ND	לא נבדק	ND	ND	ND	לא נבדק	270.19	לא נבדק	ND	61.69	25.11	180.98	לא נבדק	ND	ND	לא נבדק	לא נבדק	ND
SG 9	249.21	לא נבדק	ND	לא נבדק	ND	ND	ND	לא נבדק	216.31	לא נבדק	ND	92.29		<24.6	לא נבדק	ND	ND	לא נבדק	לא נבדק	ND
SG 10	18	2.2	1.7	<0.32	<0.22	<0.34	1.2	<0.25	30	2.1	6.4	120	1.2	2,600	<0.42	0.29	1.1	<0.28	0.63	1.3
SG-11	4.9	4.6	1	<0.37	<0.25	<0.39	<0.33	<0.29	1,100	1.6	7.2	200	18	6.8	<0.49	<0.33	<0.66	<0.32	0.44	6.5
SG-12	120	2.1	0.52	<0.39	<0.27	<0.41	<0.34	<0.31	3,000	<0.60	לא נבדק	240	16	30000	<0.51	<0.34	<0.70	<0.33	0.45	<0.74
SG 13	1.8	2.7	0.46	<0.36	<0.25	<0.38	<0.32	<0.28	58	0.72	1.6	34	28	1.3	<0.47	<0.32	<0.65	<0.31	2.8	0.88
SG 14	2.3	2	<0.36	<0.35	<0.24	<0.37	<0.31	<0.27	9.1	<0.54	4.3	65	11	1.3	<0.46	<0.31	<0.62	<0.30	0.57	<0.66
SG 15	7.2	2.6	0.81	0.74	<0.25	<0.38	<0.32	<0.29	6,300	<0.56	6.3	130	48	22	<0.48	<0.32	1.7	<0.31	0.59	11
SG-16	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	35.39	לא נבדק	N.D.	45.21	N.D.	51.50	לא נבדק	N.D.	30.17	לא נבדק	N.D.	35.78
SG 17	6.1	2.4	1.4	<0.86	<0.58	<0.90	<0.76	<0.68	350	1.5	5.6	96	3.8	33	<1.1	<0.76	12	<0.74	<0.78	3.2
SG 18	4.2	2.4	1.6	<1.2	<0.82	<1.3	<1.1	<0.94	6,100	<1.9	7.3	89	7.5	24	<1.6	<1.1	<2.1	<1.0	<1.1	5
SG 19	9.9	2.5	<1.7	<1.7	<1.1	<1.8	<1.5	<1.3	710	<2.6	4	100	30	86	<2.2	<1.5	<3.0	<1.4	<1.5	33
SG-20	63	<30	<29	<29	<19	<30	<25	<23	<130	<44	<51	<410	<28	<75	<38	<25	<51	<25	<26	<55
SG-21	4.7	2.8	1.3	<0.33	<0.22	<0.34	<0.29	<0.26	88	2.9	7.7	120	2.2	<0.85	<0.43	<0.29	<0.58	<0.28	0.39	7.4
SG-22	10	2.4	0.76	<0.35	<0.24	<0.37	0.36	<0.28	96	0.69	לא נבדק	74	2.7	3,000	<0.46	<0.31	<0.63	<0.30	0.54	2.4
SG-23	14	3	2.1	<0.33	<0.23	<0.35	<0.29	<0.26	9,100	2.1	11	230	6.2	8.3	<0.44	<0.29	2.1	<0.29	0.43	21
SG-24	130	3.1	<0.37	<0.36	<0.24	<0.38	<0.32	<0.28	55	1	לא נבדק	82	1.5	820	<0.47	<0.32	<0.64	<0.31	0.38	<0.68
SG-25	<5.3	2.4	1.2	<0.34	<0.23	<0.36	<0.30	<0.27	1,100	2.3	לא נבדק	150	1.2	3,500	<0.45	<0.30	1.3	<0.29	0.35	7.5
SG-26	42.48	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	19.56	לא נבדק	N.D.	32.38	N.D.	36.51	לא נבדק	N.D.	31.90	לא נבדק	N.D.	40.76
SG-27	0.66	2.1	<0.39	<0.38	<0.26	<0.40	<0.34	<0.30	15	<0.59	לא נבדק	7.8	1.5	<1.0	<0.50	<0.34	<0.69	<0.33	0.48	0.74

Compound	Propene	Dichlorodifluoromethane (CFC 12)	Chloromethane	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	Vinyl Chloride	1,3-Butadiene	Bromomethane	Chloroethane	Ethanol	Acetonitrile	Acrolein	Acetone	Trichlorofluoromethane (CFC 11)	2-Propanol (Isopropyl Alcohol)	Acrylonitrile	1,1-Dichloroethene	Methylene Chloride	3-Chloro-1-propene (Allyl Chloride)	Trichlorotrifluoroethane (CFC 113)	Carbon Disulfide
CAS no.	115-07-1	75-71-8	74-87-3	76-14-2	75-01-4	106-99-0	74-83-9	75-00-3	64-17-5	75-05-8	107-02-8	67-64-1	75-69-4	67-63-0	107-13-1	75-35-4	75-09-2	107-05-1	76-13-1	75-15-0
TIER 1 [µg/m³]	417,143	13,905	12,514	N/A	85.08	30.00	695	1,390,476	N/A	8,343	2.78	4,310,476	NA	27,810	5.51	27,810	45,000	62.39	695,238	97,333
SG-28	1.1	2.2	0.97	<0.39	<0.26	<0.41	0.5	<0.31	200	0.79	2.9	15	2	1.2	<0.51	<0.34	<0.69	<0.33	0.46	1.4
SG-29	1.8	2.6	<0.42	<0.41	<0.28	<0.43	<0.36	<0.32	4,900	<0.63	5.2	15	6.1	<1.1	<0.54	<0.36	<0.73	<0.35	0.48	1.1
SG-30	12.54	<LOQ	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	111.36	לא נבדק	N.D.	60.18	<LOQ	18.34	לא נבדק	N.D.	61.45	לא נבדק	N.D.	45.36
SG-31	N.D.	<LOQ	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	11.94	לא נבדק	N.D.	22.40	<LOQ	20.25	לא נבדק	N.D.	32.88	לא נבדק	N.D.	27.70
SG 32	7.4	2.2	1.7	<0.38	<0.26	<0.39	0.88	<0.30	9,000	<0.58	18	250	1.3	12	<0.49	<0.33	<0.67	<0.32	0.49	40
SG-33	2.1	2.2	0.92	<0.35	<0.24	<0.37	<0.31	<0.28	370	0.79	8.6	23	1.1	1.1	<0.46	<0.31	<0.63	<0.30	0.45	53
SG 34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	לא נבדק	27.44	31.13	<24.6						
SG 35	24	2.6	<0.30	<0.29	<0.20	1.2	<0.26	<0.23	390	1.5	1.1	49	17	1.6	<0.38	<0.26	0.67	<0.25	0.49	5
SG 36	6.7	2.5	<0.61	<0.60	<0.41	<0.63	<0.53	<0.47	1,300	<0.93	6.5	81	6.3	20	<0.79	<0.53	<1.1	<0.51	<0.54	2.9
SG-36 dup	7.75	2.38	<0.61	<0.60	<0.41	<0.63	<0.53	<0.47	1,240	<0.93	6.51	79.4	5.8	17.1	<0.79	<0.53	<1.1	<0.51	<0.54	2.84
SG 37	<92	<61	<61	<59	<40	<62	<52	<47	1,800,000	<92	<110	<850	<57	750	<78	<52	<110	<51	<54	<110
SG 38	1.1	2.3	<0.39	<0.38	<0.26	<0.40	<0.34	<0.30	150	<0.59	1.2	17	4.5	2.1	<0.50	<0.34	<0.68	<0.33	0.45	61
SG-39	11.79	ND	ND	ND	ND	ND	ND	ND	16.84	לא נבדק	N.D.	50.36	37.45	16.85	לא נבדק	N.D.	158.93	לא נבדק	N.D.	36.56
SG-49	0.86	2.9	<0.44	0.66	<0.29	<0.45	<0.38	<0.34	12	0.8	1.1	13	190	1.3	<0.56	<0.38	<0.77	<0.37	0.64	<0.82
SG-49 dup	1.08	2.78	<0.44	0.625	<0.29	<0.45	<0.38	<0.34	11.1	0.759	0.994	12.3	182	1.21	<0.56	<0.38	<0.77	<0.37	0.62	<0.82
SG 50	2.8	2.3	0.43	<0.39	<0.26	<0.41	<0.34	<0.31	50	0.93	6.5	38	18	3.4	<0.51	<0.34	0.8	<0.33	0.66	12
SG-51	160	2.3	0.55	<0.40	<0.27	<0.42	<0.35	<0.31	180	0.92	לא נבדק	32	5.2	450	<0.52	<0.35	<0.71	<0.34	0.61	1.3
SG 52	6.4	3.2	11	<1.9	<1.3	<2.0	3.1	2.2	2,400	<2.9	5.7	67	43	<5.0	<2.5	<1.7	<3.4	<1.6	3.1	11
SG 55	3.5	2.8	1.2	<0.35	<0.24	<0.37	<0.31	0.31	64	1.3	5.8	120	20	3.9	<0.46	<0.31	<0.63	<0.30	9.5	20
SG-56	5.5	2.6	4.3	<0.36	<0.25	<0.38	1.8	0.77	42	1.2	6	79	3.2	6.3	<0.48	<0.32	0.8	<0.31	0.35	15
SG-57	2.9	2.6	0.37	<0.35	<0.24	<0.37	<0.31	<0.28	420	0.78	1.9	34	2.3	<0.92	<0.46	<0.31	<0.63	<0.30	0.37	24
SG-58	110	<3.5	<3.5	<3.4	<2.3	<3.5	<3.0	<2.7	130	<5.2	<6.0	75	<3.3	<8.9	<4.4	<3.0	15	<2.9	<3.1	6.8

Compound	Propene	Dichlorodifluoromethane (CFC 12)	Chloromethane	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	Vinyl Chloride	1,3-Butadiene	Bromomethane	Chloroethane	Ethanol	Acetonitrile	Acrolein	Acetone	Trichlorofluoromethane (CFC 11)	2-Propanol (Isopropyl Alcohol)	Acrylonitrile	1,1-Dichloroethene	Methylene Chloride	3-Chloro-1-propene (Allyl Chloride)	Trichlorotrifluoroethane (CFC 113)	Carbon Disulfide
CAS no.	**115-07-1**	**75-71-8**	**74-87-3**	**76-14-2**	**75-01-4**	**106-99-0**	**74-83-9**	**75-00-3**	**64-17-5**	**75-05-8**	**107-02-8**	**67-64-1**	**75-69-4**	**67-63-0**	**107-13-1**	**75-35-4**	**75-09-2**	**107-05-1**	**76-13-1**	**75-15-0**
TIER 1 [µg/m³]	**417,143**	**13,905**	**12,514**	**N/A**	**85.08**	**30.00**	**695**	**1,390,476**	**N/A**	**8,343**	**2.78**	**4,310,476**	**NA**	**27,810**	**5.51**	**27,810**	**45,000**	**62.39**	**695,238**	**97,333**
SG-58 DUP	106	<3.5	<3.5	<3.4	<2.3	<3.5	<3.0	<2.7	132	<5.2	<6.0	75.4	<3.3	<8.9	<4.4	<3.0	15.5	<2.9	<3.1	6.84
SG 59	**1.1**	**2.5**	<0.34	<0.33	<0.22	<0.34	<0.29	<0.26	**48**	<0.51	**1**	**54**	**11**	**1.7**	<0.43	<0.29	<0.59	<0.28	**3.8**	**2.2**
SG-60	**270**	**2**	**0.82**	<0.34	<0.23	<0.36	<0.30	<0.27	**580**	**0.56**	לא נבדק	**75**	**1.1**	**1,700**	<0.45	<0.30	**45**	<0.29	**0.44**	<0.65
SG 61	<0.44	**3.5**	<0.29	<0.28	<0.19	<0.30	<0.25	<0.22	**88**	**0.74**	<0.51	**5.4**	**1.9**	<0.74	<0.37	<0.25	**1.3**	<0.24	**0.48**	**3.1**
SG 62	40.23	ND	ND	ND	ND	ND	ND	ND	160.22	לא נבדק	לא נבדק	53.7	24.6	45.55	ND	ND	ND	ND	ND	ND
SG 62 DUP	47.14	ND	ND	ND	ND	ND	ND	ND	237.22	לא נבדק	לא נבדק	63.08	23.98	62.55	ND	ND	ND	ND	ND	ND
SG 63	**1.2**	**2.3**	**0.59**	<0.32	<0.22	<0.33	<0.28	<0.25	**57**	<0.49	**2.8**	**48**	**2.8**	**1.4**	<0.42	<0.28	<0.57	<0.27	**0.51**	**0.82**
SG 64	**7.4**	**2.3**	**1.2**	<0.36	<0.24	<0.38	<0.32	<0.28	**1,200**	<0.56	**9.5**	**190**	**1.3**	**6.8**	<0.47	<0.32	<0.64	<0.31	**0.53**	**22**
SG-65	<0.62	**2.7**	<0.41	<0.40	<0.27	<0.42	<0.36	<0.32	**420**	120	**13**	**1,000**	**1.6**	73	4.2	<0.36	**0.91**	<0.35	**0.47**	**170**
SG 65 DUP	<0.62	2.73	<0.41	<0.40	<0.27	<0.42	<0.36	<0.32	421	118	**12.6**	1,000	1.58	72.7	4.23	<0.36	0.912	<0.35	0.466	173
SG 71	56.85	ND	ND	ND	ND	ND	ND	ND	210.28	לא נבדק	לא נבדק	53.35	ND	35.86	ND	ND	ND	ND	ND	ND
SG-72	<22	**2.2**	**1.6**	<1.4	<0.95	<1.5	<1.2	<1.1	**1,900**	<2.2	לא נבדק	**470**	**2.4**	**20,000**	<1.8	<1.2	**1,400**	<1.2	<1.3	**2.8**
SG 73	**2.5**	**2.6**	<1.5	<1.5	<0.99	<1.5	<1.3	<1.1	**51**	<2.2	<2.6	**76**	**11**	<3.8	<1.9	<1.3	<2.6	<1.2	<1.3	<2.8
SG 74	**1.7**	**2.8**	<0.37	<0.36	<0.25	<0.38	<0.32	<0.29	**77**	<0.56	**1.1**	**20**	**18**	**2**	<0.48	<0.32	<0.65	<0.31	**0.91**	**1.3**
SG 75	<6.9	<4.6	<4.5	<4.4	<3.0	<4.7	<3.9	<3.5	**53**	<6.9	<7.9	**71**	**16**	<12	<5.8	<3.9	<7.9	<3.8	<4.0	**13**
SG 77	**2.3**	**2.2**	<0.33	<0.33	<0.22	<0.34	<0.29	<0.26	**750**	<0.50	**2.5**	**36**	**1.3**	**1.8**	<0.43	<0.29	<0.58	<0.28	**0.49**	**7**
SG-78	**0.67**	**2.7**	<0.42	<0.41	<0.28	<0.43	<0.36	<0.33	**23**	<0.64	**1.7**	**14**	**2.1**	<1.1	<0.54	<0.36	<0.74	<0.35	<0.37	**1.2**
SG-79	**11**	**2.3**	<0.35	<0.34	<0.23	<0.36	<0.30	<0.27	**80**	<0.53	לא נבדק	**47**	**1.4**	**2,400**	<0.45	<0.30	<0.61	<0.29	**0.55**	**2.1**
SG-80	**11**	**2.7**	**0.69**	<0.38	<0.26	<0.39	<0.33	<0.30	**1,500**	**1.3**	**4.4**	**94**	**1.9**	**14**	<0.49	<0.33	<0.67	<0.32	**0.39**	**9.4**
SG-81	**2**	**2.3**	**0.83**	<0.36	<0.24	<0.37	<0.31	<0.28	**480**	<0.55	**3.8**	**33**	**1.2**	**1.9**	<0.47	<0.31	<0.64	<0.31	**0.44**	**2.7**
SG-89	**6**	**2.1**	**0.38**	<0.35	<0.24	<0.37	<0.31	<0.28	**470**	<0.54	**3.3**	**60**	**1.3**	**3.6**	<0.46	<0.31	<0.63	<0.30	**0.46**	**38**
SG-90	**2.8**	**2.6**	**0.55**	<0.41	<0.28	<0.43	<0.36	<0.32	**340**	**1.1**	**6.9**	**55**	**1.4**	**4.4**	<0.54	<0.36	<0.73	<0.35	**0.47**	**28**
SG-91	**1.8**	**2.7**	<0.35	<0.34	<0.23	<0.36	<0.30	<0.27	**8,600**	**1.4**	**1.7**	**21**	**8.6**	**6.9**	<0.45	<0.30	<0.61	<0.29	**0.51**	**23**

Compound	Propene	Dichlorodifluoromethane (CFC 12)	Chloromethane	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	Vinyl Chloride	1,3-Butadiene	Bromomethane	Chloroethane	Ethanol	Acetonitrile	Acrolein	Acetone	Trichlorofluoromethane (CFC 11)	2-Propanol (Isopropyl Alcohol)	Acrylonitrile	1,1-Dichloroethene	Methylene Chloride	3-Chloro-1-propene (Allyl Chloride)	Trichlorotrifluoroethane (CFC 113)	Carbon Disulfide
CAS no.	115-07-1	75-71-8	74-87-3	76-14-2	75-01-4	106-99-0	74-83-9	75-00-3	64-17-5	75-05-8	107-02-8	67-64-1	75-69-4	67-63-0	107-13-1	75-35-4	75-09-2	107-05-1	76-13-1	75-15-0
TIER 1 [µg/m³]	417,143	13,905	12,514	N/A	85.08	30.00	695	1,390,476	N/A	8,343	2.78	4,310,476	NA	27,810	5.51	27,810	45,000	62.39	695,238	97,333
SG-92	<4.6	2.6	<0.50	<0.49	<0.33	<0.52	<0.43	<0.39	270	0.9	לא נבדק	170	1.8	2,300	<0.65	<0.43	13	<0.42	0.45	<0.94
SG-93	3.2	2.7	<0.37	<0.36	<0.24	<0.38	<0.32	<0.28	380	1	2.9	86	5.2	5.3	<0.47	<0.32	<0.64	<0.31	0.45	64
SG 94	1.7	2.3	1.3	<0.37	<0.25	<0.39	<0.32	<0.29	61	0.88	4.6	46	7.8	1.7	<0.48	<0.32	<0.66	<0.32	0.85	6.7
SG-95	8.9	5.1	2.2	2.9	<0.40	<0.62	<0.52	<0.46	4,000	1.5	7.8	260	280	14	<0.77	<0.52	<1.1	<0.50	0.66	48
SG-96	5.8	<3.2	<3.2	<3.1	<2.1	<3.3	<2.8	<2.5	200	<4.8	<5.6	200	11	14	<4.1	<2.8	<5.6	<2.7	<2.8	130
SG 97	2.2	2.5	<0.35	<0.34	<0.23	<0.36	<0.30	<0.27	200	0.57	2.3	92	7.7	1.9	<0.45	<0.30	<0.61	<0.29	0.91	25
SG 98	7.5	4.7	0.45	<0.32	<0.22	<0.34	<0.28	<0.25	130	0.55	4.3	65	16	10	0.57	<0.28	2.4	<0.28	0.62	3.8
SG 99	11	1.9	0.52	<0.31	<0.21	<0.32	<0.27	<0.24	360	<0.48	2.8	39	4.1	30	<0.40	<0.27	5.1	<0.26	0.38	2.1
SG 100	17	2.7	2.6	<0.73	<0.49	<0.76	0.82	<0.57	620	1.7	7.7	110	11	82	<0.95	<0.64	3.4	<0.62	<0.66	7.9
SG 101	ND	ND	ND	ND	ND	ND	ND	ND	21.12	לא נבדק	לא נבדק	26.75	ND	64.05	ND	ND	ND	ND	ND	ND
SG-103	<2.9	4.1	<1.9	2.2	<1.3	<2.0	<1.7	<1.5	20,000	<2.9	<3.4	280	230	22	<2.5	<1.7	<3.4	<1.6	<1.7	7.1
SG-103 dup	<2.9	3.85	<1.9	2.1	<1.3	<2.0	<1.7	<1.5	20,000	<2.9	<3.4	282	222	21.9	<2.5	<1.7	<3.4	<1.6	<1.7	6.99
SG 104	2.8	3	0.71	<0.35	<0.24	<0.37	<0.31	<0.28	360	0.66	4	89	53	3.9	<0.46	<0.31	<0.63	<0.30	8.6	4.9
SG 105	5.1	2.6	4.5	<0.59	<0.40	<0.62	1.9	<0.47	580	4.3	15	200	75	4.7	<0.78	<0.52	<1.1	<0.51	3.8	<1.1
SG 106	1.9	2.3	0.41	<0.33	<0.23	<0.35	<0.29	<0.26	14	1.6	2.9	64	9.4	1.2	<0.44	<0.29	<0.60	<0.29	5.4	<0.64
SG 107	5.5	2.4	1.4	<0.37	<0.25	<0.39	0.49	<0.29	1,800	2.5	8.8	260	17	6.2	<0.48	<0.33	<0.66	<0.32	9.2	5.5
SG 108	2.4	2.5	0.86	<0.57	<0.39	<0.59	<0.50	<0.45	9,700	<0.88	2.5	79	66	<1.5	<0.74	<0.50	<1.0	<0.49	6	9.2
SG 109	1.1	2.1	<0.38	<0.37	<0.25	<0.39	<0.33	<0.29	15	<0.57	0.84	21	4.6	<0.97	<0.48	<0.33	<0.66	<0.32	2.6	3.7
SG 110	0.74	2.1	<0.34	<0.33	<0.23	<0.35	<0.29	<0.26	9	1.2	<0.59	31	4.4	<0.87	<0.43	<0.29	<0.59	<0.28	1.7	<0.63
SG 111	8.7	2.5	1.7	<1.4	<0.98	<1.5	<1.3	<1.1	4,400	3	7.9	300	11	80	<1.9	<1.3	4.1	<1.2	<1.3	6.3
SG 111 DUP	8.69	2.48	1.65	<1.4	<0.98	<1.5	<1.3	<1.1	4,390	3.04	7.91	295	11	80.4	<1.9	<1.3	4.13	<1.2	<1.3	6.33
SG-112	1.9	2.9	0.6	<0.36	<0.24	<0.37	<0.31	<0.28	65	1.5	2.3	46	260	1.6	<0.47	<0.31	<0.64	<0.31	18	1.5
SG 113	<5.6	<3.8	<3.7	<3.6	<2.5	<3.8	<3.2	<2.9	63,000	<5.6	<6.5	110	260	<9.5	<4.8	<3.2	<6.5	<3.1	16	30
SG-114	2.8	3.8	<0.38	1	<0.25	<0.39	<0.33	<0.29	54	<0.58	1.5	38	3.2	<0.97	<0.49	<0.33	<0.66	<0.32	0.43	3.2

Compound	Propene	Dichlorodifluoromethane (CFC 12)	Chloromethane	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	Vinyl Chloride	1,3-Butadiene	Bromomethane	Chloroethane	Ethanol	Acetonitrile	Acrolein	Acetone	Trichlorofluoromethane (CFC 11)	2-Propanol (Isopropyl Alcohol)	Acrylonitrile	1,1-Dichloroethene	Methylene Chloride	3-Chloro-1-propene (Allyl Chloride)	Trichlorotrifluoroethane (CFC 113)	Carbon Disulfide
CAS no.	115-07-1	75-71-8	74-87-3	76-14-2	75-01-4	106-99-0	74-83-9	75-00-3	64-17-5	75-05-8	107-02-8	67-64-1	75-69-4	67-63-0	107-13-1	75-35-4	75-09-2	107-05-1	76-13-1	75-15-0
TIER 1 [µg/m³]	417,143	13,905	12,514	N/A	85.08	30.00	695	1,390,476	N/A	8,343	2.78	4,310,476	NA	27,810	5.51	27,810	45,000	62.39	695,238	97,333
SG-115	4.2	2.4	1.1	<0.38	<0.26	<0.40	0.34	0.44	140	1.3	4	59	13	6.3	<0.50	<0.34	<0.69	<0.33	0.98	1.5
SG-116	2.2	2.9	<0.35	<0.34	<0.23	<0.35	<0.30	<0.27	46	0.82	1.8	26	8.2	4.1	<0.44	<0.30	<0.60	<0.29	0.63	31
SG 118	24.01	ND	ND	ND	ND	ND	ND	ND	188.42	לא נבדק	לא נבדק	43.73	ND	38.86	לא נבדק	ND	ND	ND	ND	ND
SG 119	<0.57	2.2	<0.38	<0.37	<0.25	<0.39	<0.32	<0.29	200	<0.57	0.69	<5.3	1.8	<0.96	<0.48	<0.32	<0.66	<0.32	0.43	<0.70
SG 120	110	2.2	0.46	<0.35	<0.24	<0.37	0.4	<0.28	250	1.3	לא נבדק	34	1.6	280	<0.46	<0.31	<0.63	<0.30	0.5	1.1
SG 121	6.5	2.1	0.67	<0.38	<0.26	<0.40	<0.34	<0.30	8,700	<0.59	לא נבדק	31	1.4	22	<0.50	<0.34	<0.69	<0.33	0.48	16
SG 122	55.75	ND	ND	ND	ND	ND	ND	ND	283.01	לא נבדק	לא נבדק	43.95	7.08	58.84	לא נבדק	ND	ND	לא נבדק	ND	ND
SG-123	10.30	<LOQ	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	12.35	לא נבדק	N.D.	38.48	<LOQ	14.65	לא נבדק	N.D.	50.82	לא נבדק	N.D.	26.53
SG-124	1.1	4.1	<0.36	<0.35	<0.24	<0.37	0.39	<0.28	8.5	0.56	1.3	12	130	<0.92	<0.46	7.3	<0.63	<0.30	0.6	1.3
SG 126	94.01	ND	ND	ND	ND	ND	ND	ND	127.39	לא נבדק	לא נבדק	51.62	46.2	<24.6	לא נבדק	ND	ND	לא נבדק	לא נבדק	ND
SG 127	60.86	ND	3.17	ND	ND	ND	ND	ND	635.17	לא נבדק	לא נבדק	72.96	55.73	113.07	לא נבדק	ND	ND	לא נבדק	לא נבדק	ND
SG 128	141.99	ND	2.53	ND	ND	ND	ND	ND	568.46	לא נבדק	לא נבדק	94.52	25.85	171.66	לא נבדק	ND	ND	לא נבדק	לא נבדק	ND
SG 129	1.8	2.8	<0.37	<0.37	<0.25	<0.38	<0.32	<0.29	7.6	<0.57	0.89	13	32	2.8	<0.48	<0.32	<0.65	<0.31	0.53	15
SG-130	14.75	לא נבדק	ND	לא נבדק	ND	ND	ND	לא נבדק	175.38	לא נבדק	לא נבדק	39.93	55.45	29.45	לא נבדק	ND	ND	לא נבדק	לא נבדק	ND
SG-131	N.D.	<LOQ	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	6.11	לא נבדק	N.D.	50.69	17.42	18.94	לא נבדק	N.D.	41.14	לא נבדק	N.D.	31.78
SG-134	N.D.	<LOQ	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	26.46	לא נבדק	N.D.	38.14	89.61	218.33	לא נבדק	N.D.	197.42	לא נבדק	N.D.	47.87
SG 135	6	2.4	<0.34	<0.34	<0.23	<0.35	<0.30	<0.26	1,100	<0.52	6.4	61	1.4	4.2	<0.44	<0.30	1	<0.29	0.53	4.5
SG-136	3.6	2.7	<1.4	<1.4	<0.93	<1.4	<1.2	<1.1	1,000	2.7	3.3	120	8.9	11	<1.8	<1.2	<2.4	<1.2	<1.2	8.7
SG-138	1.4	2.6	<0.37	<0.36	<0.25	<0.38	<0.32	<0.28	1,400	1.1	1.9	24	18	1.3	<0.47	<0.32	<0.65	<0.31	0.54	9.7
SG 139	38	2.3	<0.34	<0.33	<0.23	1.5	<0.29	<0.26	420	390	22	2,000	3	160	8.8	<0.29	5.5	<0.28	0.45	360
SG 140	<0.60	2.3	<0.40	<0.39	<0.26	<0.40	<0.34	<0.30	220	<0.60	<0.69	<5.5	4.7	<1.0	<0.51	<0.34	<0.69	<0.33	0.48	<0.74
SG 141	0.9	2.7	<0.33	<0.33	<0.22	<0.34	<0.29	<0.26	110	<0.50	<0.58	6.1	2.3	1.7	<0.43	<0.29	<0.58	<0.28	0.43	<0.62

Compound	Propene	Dichlorodifluoromethane (CFC 12)	Chloromethane	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	Vinyl Chloride	1,3-Butadiene	Bromomethane	Chloroethane	Ethanol	Acetonitrile	Acrolein	Acetone	Trichlorofluoromethane (CFC 11)	2-Propanol (Isopropyl Alcohol)	Acrylonitrile	1,1-Dichloroethene	Methylene Chloride	3-Chloro-1-propene (Allyl Chloride)	Trichlorotrifluoroethane (CFC 113)	Carbon Disulfide
CAS no.	115-07-1	75-71-8	74-87-3	76-14-2	75-01-4	106-99-0	74-83-9	75-00-3	64-17-5	75-05-8	107-02-8	67-64-1	75-69-4	67-63-0	107-13-1	75-35-4	75-09-2	107-05-1	76-13-1	75-15-0
TIER 1 [µg/m³]	417,143	13,905	12,514	N/A	85.08	30.00	695	1,390,476	N/A	8,343	2.78	4,310,476	NA	27,810	5.51	27,810	45,000	62.39	695,238	97,333
AB 23/12/2019	2	2.2	1.1	<0.41	<0.28	<0.43	<0.36	<0.32	110	2.9	4.7	77	1.1	5	<0.54	<0.36	1.6	<0.35	0.46	31
AB 22/4/2020	ND	ND	ND	ND	ND	ND	ND	ND	62.48	ND	לא נבדק	ND	ND	<24.6	ND	ND	12.3	ND	ND	ND
AB 31/12/2019	<0.46	2.2	0.88	<0.30	<0.20	<0.31	<0.26	<0.24	230	<0.46	<0.54	<4.3	1.1	<0.79	<0.39	<0.26	1.2	<0.26	0.49	<0.57
AB 26/5/20	<0.58	2.3	0.84	<0.37	<0.25	<0.39	<0.33	<0.29	17	<0.58	<0.66	8	1.1	<0.97	<0.49	<0.33	<0.66	<0.32	0.46	<0.71
AB 2/7/20	76	2.5	1	<0.32	<0.21	<0.33	<0.28	<0.25	41	0.88	לא נבדק	61	1.1	520	<0.41	<0.28	<0.56	<0.27	0.37	5.5
AB 1/7/20	96	2.1	0.62	<0.36	<0.24	<0.38	<0.32	<0.28	12	<0.56	לא נבדק	23	1.1	240	<0.47	<0.32	<0.64	<0.31	0.41	<0.68
AB 30/6/20	29	2.1	0.68	<0.31	<0.21	<0.33	<0.27	<0.24	140	0.69	לא נבדק	42	1.1	67	<0.41	<0.27	1.3	<0.27	0.44	2
AB 8/7/20	170	1.9	0.59	<0.36	<0.25	<0.38	<0.32	<0.29	37	<0.56	לא נבדק	26	0.99	750	<0.48	<0.32	6.7	<0.31	0.45	1.7

Compound	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Ethyl Acetate	n-Hexane	Chloroform	Tetrahydrofuran (THF)	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene	Carbon Tetrachloride	Cyclohexane	1,2-Dichloropropane	Bromodichloromethane	Trichloroethene	1,4-Dioxane	Methyl Methacrylate
CAS no.	156-60-5	75-34-3	1634-04-4	108-05-4	78-93-3	156-59-2	141-78-6	110-54-3	67-66-3	109-99-9	107-06-2	71-55-6	71-43-2	56-23-5	110-82-7	78-87-5	75-27-4	79-01-6	123-91-1	80-62-6
TIER 1 [µg/m³]	NA	234	1,440	27,810	695,238	NA	9,733	97,333	16.28	278,095	38.00	695,238	130	62.39	834,286	101	10.12	200	75	97,333
SG-7	ND	ND	ND	לא נבדק	5.43	ND	ND	לא נבדק	9.23	לא נבדק	ND	ND	ND	ND	ND	ND	ND	לא נבדק	ND	ND
SG 8	ND	ND	5.26	לא נבדק	10.23	ND	ND		9.96	לא נבדק	ND	ND	10.03	ND	ND	ND	ND	לא נבדק	ND	ND

Compound	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Ethyl Acetate	n-Hexane	Chloroform	Tetrahydrofuran (THF)	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene	Carbon Tetrachloride	Cyclohexane	1,2-Dichloropropane	Bromodichloromethane	Trichloroethene	1,4-Dioxane	Methyl Methacrylate
CAS no.	156-60-5	75-34-3	1634-04-4	108-05-4	78-93-3	156-59-2	141-78-6	110-54-3	67-66-3	109-99-9	107-06-2	71-55-6	71-43-2	56-23-5	110-82-7	78-87-5	75-27-4	79-01-6	123-91-1	80-62-6
TIER 1 [µg/m³]	NA	234	1,440	27,810	695,238	NA	9,733	97,333	16.28	278,095	38.00	695,238	130	62.39	834,286	101	10.12	200	75	97,333
SG 9	ND	ND	ND	לא נבדק	ND	ND	ND			לא נבדק	ND	ND	ND	ND	ND	ND	ND	11.34	ND	ND
SG 10	<0.28	<0.30	**0.28**	**22**	**14**	<0.29	<1.1	**0.98**	<0.27	**2.6**	<0.23	<0.25	**3.2**	**0.54**	**0.65**	<0.25	<0.29	**0.64**	**0.5**	<0.73
SG-11	<0.33	<0.35	<0.28	**29**	**22**	<0.33	**64**	**1.2**	**0.77**	**1.8**	<0.26	<0.29	**1.8**	<0.33	**0.85**	<0.29	<0.34	**0.38**	**4.5**	<0.84
SG-12	<0.34	<0.36	<0.29	**8.3**	**6.2**	<0.35	<1.3	**0.62**	**2.7**	<0.31	<0.27	<0.31	<0.36	<0.34	<0.70	<0.31	<0.36	**11**	**2.5**	<0.88
SG 13	<0.32	<0.34	**0.31**	<5.2	**4.1**	<0.32	<1.2	<0.47	**4.9**	<0.29	<0.25	**0.39**	<0.33	**39**	<0.65	<0.28	<0.33	**5.4**	<0.27	<0.82
SG 14	<0.31	<0.32	**0.3**	**10**	**4.9**	<0.31	**3**	<0.46	**1.2**	<0.28	<0.24	<0.27	<0.32	**2.7**	<0.62	<0.27	<0.32	**0.3**	<0.26	<0.79
SG 15	**0.33**	<0.34	<0.27	**60**	**30**	<0.32	**480**	**13**	**1.7**	**14**	<0.26	<0.29	**4.2**	**0.47**	**1.3**	<0.29	**0.55**	**7.7**	<0.27	<0.82
SG-16	N.D.	N.D.	N.D.	N.D.	26.82	N.D.	N.D.	N.D.	N.D.	17.34	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
SG 17	<0.76	<0.80	<0.64	**18**	**11**	<0.77	**270**	**5.3**	**4**	**0.74**	<0.60	<0.68	**1.6**	**1.8**	<1.5	<0.68	<0.79	**1.6**	<0.64	**3.8**
SG 18	<1.1	<1.1	<0.90	<17	**12**	<1.1	**30**	**4.6**	**1.9**	**400**	<0.84	<0.94	<1.1	**1.6**	**16**	<0.94	<1.1	**5.3**	<0.90	<2.7
SG 19	<1.5	<1.6	<1.3	<24	**15**	<1.5	**25**	<2.2	**3.6**	<1.3	<1.2	<1.3	**3.4**	<1.5	<3.0	<1.3	<1.5	**2.9**	<1.3	<3.8
SG-20	<25	<27	<22	<410	<38	**<26**	<96	<38	<24	<23	<20	<23	<26	<25	<51	<23	<26	<25	<22	<65
SG-21	<0.29	<0.30	<0.24	**38**	**17**	**<0.29**	55	**1.6**	**0.54**	**1.2**	**<0.23**	<0.26	0.58	**0.34**	**<0.58**	<0.26	<0.30	1.1	**<0.24**	<0.74
SG-22	<0.31	<0.33	<0.26	**17**	**10**	<0.31	<1.2	**0.66**	**0.44**	**0.3**	<0.25	<0.28	**1**	<0.31	<0.63	<0.28	<0.32	<0.30	**1.1**	<0.79
SG-23	<0.29	<0.31	<0.25	**74**	**72**	**<0.30**	850	**3.8**	**2.1**		**<0.23**	<0.26	3.9	**<0.29**	4.4	**<0.26**	2.1	**0.68**	**2.1**	**<0.76**
SG-24	<0.32	<0.33	<0.27	<5.1	**4.1**	<0.32	**3**	<0.47	**0.97**	<0.29	<0.25	<0.28	<0.33	**10**	<0.64	<0.28	<0.33	**2.1**	<0.27	<0.81
SG-25	<0.30	<0.32	**0.43**	**14**	**15**	<0.30	**20**	**2**	<0.29	**2**	<0.24	<0.27	**1.1**	**2.7**	<0.61	<0.27	<0.31	<0.29	<0.26	<0.77
SG-26	N.D.	N.D.	N.D.	N.D.	24.77	N.D.	N.D.	N.D.	N.D.	22.29	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
SG-27	<0.34	<0.36	<0.29	<5.5	<0.50	<0.34	<1.3	<0.50	**0.53**	<0.31	<0.27	<0.30	<0.35	<0.34	<0.69	<0.30	<0.35	<0.33	<0.29	<0.87
SG-28	<0.34	<0.36	<0.29	לא נבדק	לא נבדק	<0.35	**1.8**	<0.51	**2.8**	**0.59**	<0.27	<0.31	<0.36	<0.34	<0.69	<0.31	**0.64**	<0.33	**21**	<0.88
SG-29	<0.36	<0.38	<0.31	לא נבדק	לא נבדק	<0.37	**69**	**1.1**	**2**	<0.33	<0.29	<0.32	<0.38	<0.36	<0.73	<0.32	<0.38	<0.35	<0.31	<0.93
SG-30	N.D.	N.D.	N.D.	לא נבדק	לא נבדק	N.D.	N.D.	N.D.	<LOQ	47.56	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	<LOQ
SG-31	N.D.	N.D.	N.D.	לא נבדק	לא נבדק	N.D.	N.D.	N.D.	N.D.	14.24	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
SG 32	<0.33	<0.35	**<0.28**	לא נבדק	לא נבדק	<0.34	170	**1.3**	**0.65**	3.5	<0.26	<0.30	**3**	0.99	**1.2**	<0.30	<0.34	0.47	1.9	<0.85

Compound	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Ethyl Acetate	n-Hexane	Chloroform	Tetrahydrofuran (THF)	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene	Carbon Tetrachloride	Cyclohexane	1,2-Dichloropropane	Bromodichloromethane	Trichloroethene	1,4-Dioxane	Methyl Methacrylate
CAS no.	156-60-5	75-34-3	1634-04-4	108-05-4	78-93-3	156-59-2	141-78-6	110-54-3	67-66-3	109-99-9	107-06-2	71-55-6	71-43-2	56-23-5	110-82-7	78-87-5	75-27-4	79-01-6	123-91-1	80-62-6
TIER 1 [µg/m³]	NA	234	1,440	27,810	695,238	NA	9,733	97,333	16.28	278,095	38.00	695,238	130	62.39	834,286	101	10.12	200	75	97,333
SG-33	<0.31	<0.33	<0.26	לא נבדק	לא נבדק	<0.32	8	<0.46	<0.30	1.1	<0.25	<0.28	0.89	0.41	<0.63	<0.28	<0.32	<0.30	22	<0.80
SG 34				לא נבדק	לא נבדק															
SG 35	<0.26	<0.27	1.4	לא נבדק	לא נבדק	0.41	1.4	1.8	0.48	<0.23	<0.21	<0.23	1.2	<0.26	<0.52	<0.23	<0.27	6.2	<0.22	0.98
SG 36	<0.53	<0.56	<0.45	לא נבדק	לא נבדק	<0.54	44	1.3	0.93	31	<0.42	<0.47	1.7	<0.53	<1.1	<0.47	<0.55	<0.51	<0.45	<1.4
SG-36 dup	<0.53	<0.56	<0.45	לא נבדק	לא נבדק	<0.54	42.8	1.28	0.851	29.9	<0.42	<0.47	1.67	<0.53	<1.1	<0.47	<0.55	<0.51	<0.45	<1.4
SG 37	<52	<55	<44	לא נבדק	לא נבדק	<53	<200	<78	<50	<47	<42	<47	<54	<52	<110	<47	<54	130	<44	<130
SG 38	<0.34	<0.35	<0.29	לא נבדק	לא נבדק	<0.34	4.3	<0.50	0.56	0.68	<0.27	<0.30	<0.35	<0.34	<0.68	<0.30	<0.35	0.86	<0.29	<0.86
SG-39	N.D.	N.D.	N.D.	לא נבדק	לא נבדק	N.D.	N.D.	N.D.	N.D.	31.76	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
SG-49	<0.38	<0.40	0.6	לא נבדק	לא נבדק	<0.38	18	0.88	6.1	0.88	<0.30	<0.34	<0.39	<0.38	<0.77	<0.34	<0.39	0.43	<0.32	1.5
SG-49 dup	<0.38	<0.40	0.538	<6.2	2.8	<0.38	17.7	0.83	5.97	0.902	<0.30	<0.34	<0.39	<0.38	<0.77	<0.34	<0.39	0.41	<0.32	1.59
SG 50	<0.34	<0.36	<0.29	15	10	<0.35	1.4	<0.51	0.51	0.37	<0.27	<0.31	0.41	<0.34	<0.69	<0.31	<0.36	4.1	<0.29	<0.88
SG-51	<0.35	<0.37	<0.30	<5.7	4.2	<0.36	<1.3	0.56	0.58	0.41	<0.28	<0.31	0.51	3.2	<0.71	<0.31	<0.37	0.35	1.2	<0.90
SG 52	<1.7	<1.8	<1.4	<27	12	<1.7	<6.3	<2.5	3.4	<1.5	<1.3	<1.5	<1.7	14	<3.4	<1.5	<1.7	4	<1.4	<4.3
SG 55	<0.31	<0.33	<0.27	15	13	<0.32	1.8	0.78	11	30	<0.25	0.47	0.49	170	1.3	<0.28	<0.33	0.93	0.62	<0.80
SG-56	<0.32	<0.34	32	14	8.9	<0.32	110	1.4	1.3	0.76	<0.26	<0.29	1	<0.32	1.8	<0.29	<0.33	0.66	1.3	<0.82
SG-57	<0.31	<0.33	1.6	12	8.3	<0.32	3.3	<0.46	0.6	<0.28	<0.25	<0.28	2	<0.31	<0.63	<0.28	<0.32	<0.30	<0.26	<0.80
SG-58	<3.0	<3.1	<2.5	<48	<4.4	<3.0	15	9.3	<2.9	<2.7	<2.4	<2.7	<3.1	<3.0	<6.0	<2.7	<3.1	<2.9	<2.5	<7.6
SG-58 DUP	<3.0	<3.1	<2.5	<48	<4.4	<3.0	14.7	9.3	<2.9	<2.7	<2.4	<2.7	<3.1	<3.0	<6.0	<2.7	<3.1	<2.9	<2.5	<7.6
SG 59	<0.29	<0.30	<0.25	<4.7	3.4	<0.29	1.3	<0.43	3.6	<0.26	<0.23	0.74	0.39	64	<0.59	<0.26	<0.30	1.1	0.32	<0.74
SG-60	0.37	<0.32	<0.26	5.7	13	<0.31	100	1.7	0.3	32	<0.24	<0.27	1.3	0.32	<0.61	<0.27	<0.31	<0.29	<0.26	<0.77
SG 61	<0.25	<0.26	<0.21	<4.1	<0.37	<0.25	5.9	0.46	1.2	<0.23	<0.20	<0.22	<0.26	<0.25	<0.51	<0.22	<0.26	0.34	<0.21	<0.64
SG 62	ND	ND	ND	ND	11.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Compound	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Ethyl Acetate	n-Hexane	Chloroform	Tetrahydrofuran (THF)	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene	Carbon Tetrachloride	Cyclohexane	1,2-Dichloropropane	Bromodichloromethane	Trichloroethene	1,4-Dioxane	Methyl Methacrylate
CAS no.	156-60-5	75-34-3	1634-04-4	108-05-4	78-93-3	156-59-2	141-78-6	110-54-3	67-66-3	109-99-9	107-06-2	71-55-6	71-43-2	56-23-5	110-82-7	78-87-5	75-27-4	79-01-6	123-91-1	80-62-6
TIER 1 [µg/m³]	NA	234	1,440	27,810	695,238	NA	9,733	97,333	16.28	278,095	38.00	695,238	130	62.39	834,286	101	10.12	200	75	97,333
SG 62 DUP	ND	ND	ND	ND	12.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SG 63	<0.28	<0.30	<0.24	לא נבדק	לא נבדק	<0.29	**6.2**	<0.42	**0.95**	**0.3**	<0.22	<0.25	**0.3**	<0.28	<0.57	<0.25	<0.29	**8.1**	<0.24	<0.72
SG 64	<0.32	<0.33	<0.27	**40**	**22**	<0.32	**98**	**1.1**	**2.6**	**1.1**	<0.25	<0.28	**2.9**	**0.5**	**0.72**	<0.28	<0.33	**0.86**	**6.7**	<0.81
SG-65	<0.36	<0.37	**<0.30**	500	**98**	<0.36	<1.3	<0.53	**1.8**	**<0.32**	<0.28	<0.32	0.44	**<0.36**	<0.72	<0.32	0.47	2	20	4.9
SG 65 DUP	<0.36	<0.37	<0.30	498	97.7	<0.36	<1.3	<0.53	1.77	<0.32	<0.28	<0.32	0.442	<0.36	<0.72	<0.32	0.47	2.04	19.5	4.9
SG 71	ND	ND	ND	ND	12.53	ND	ND	ND	ND	ND	ND	ND	8.02	ND	ND	ND	ND	ND	ND	ND
SG-72	<1.2	<1.3	<1.0	<20	**5.1**	<1.2	**440**	**4.4**	<1.2	**14**	<0.98	<1.1	**1.6**	<1.2	<2.5	<1.1	<1.3	**1.3**	<1.0	<3.2
SG 73	<1.3	<1.3	<1.1	<21	**4.1**	<1.3	**8.7**	<1.9	**4.1**	<1.2	<1.0	<1.1	<1.3	<1.3	<2.6	<1.1	<1.3	**3.5**	<1.1	<3.3
SG 74	<0.32	<0.34	<0.27	<5.2	**2.4**	<0.32	**1.3**	**0.63**	**2.1**	<0.29	<0.26	<0.29	<0.33	**11**	<0.65	<0.29	<0.33	**0.96**	<0.27	<0.82
SG 75	<3.9	<4.1	<3.3	<63	**7**	<4.0	<15	<5.8	<3.8	<3.5	<3.1	<3.5	<4.1	**9.3**	<7.9	<3.5	<4.1	**22**	<3.3	<10
SG 77	<0.29	<0.30	<0.24	<4.7	**3.7**	<0.29	**19**	**0.5**	**0.61**	<0.26	<0.23	<0.26	**0.42**	**1.1**	<0.58	<0.26	<0.30	**0.41**	**0.34**	<0.74
SG-78	<0.36	<0.38	**2.1**	<5.9	**2.5**	**<0.37**	3.3	**<0.54**	1	**<0.33**	<0.29	<0.33	<0.38	<0.36	<0.74	<0.33	<0.38	<0.35	<0.31	<0.94
SG-79	<0.30	<0.32	<0.26	**9.2**	**4.4**	<0.31	**1.6**	**1.1**	**1.2**	**1.2**	<0.24	<0.27	<0.31	**3.8**	<0.61	<0.27	<0.31	<0.29	<0.26	<0.77
SG-80	<0.33	<0.35	<0.28	**21**	**31**	**<0.34**	8.6	**0.58**	**7**	**1.6**	**<0.26**	<0.30	1.9	**0.55**	**<0.67**	<0.30	<0.34	0.39	**3.6**	**<0.85**
SG-81	<0.31	<0.33	<0.27	**10**	**9.1**	<0.32	**16**	**0.86**	**5.9**	<0.28	<0.25	<0.28	**0.63**	**1**	<0.64	<0.28	**2.1**	**1.1**	<0.27	**1.8**
SG-89	<0.31	<0.33	<0.26	**17**	**7.4**	<0.31	**13**	<0.46	**5**	**0.66**	<0.25	<0.28	**1.5**	**2.7**	<0.63	<0.28	**0.6**	**0.87**	**0.94**	<0.79
SG-90	<0.36	<0.38	<0.31	**37**	**15**	<0.37	**29**	**0.63**	**18**	**0.5**	<0.29	<0.32	**1.5**	**8.7**	<0.73	<0.32	**6.6**	<0.35	**0.92**	<0.93
SG-91	<0.30	<0.32	<0.26	<4.9	**5.1**	<0.30	**1.3**	**0.77**	**0.43**	<0.27	<0.24	<0.27	<0.31	**0.44**	<0.61	<0.27	<0.31	**0.97**	<0.26	<0.77
SG-92	<0.43	<0.46	<0.37	<7.0	**10**	<0.44	**40**	<0.65	**1.3**	**10**	<0.35	<0.39	**1**	<0.43	<0.88	<0.39	<0.45	<0.42	<0.37	<1.1
SG-93	<0.32	<0.33	<0.27	**14**	**18**	<0.32	**22**	**0.64**	**1.6**	**1.6**	<0.25	<0.28	**2.3**	<0.32	<0.64	<0.28	<0.33	**0.89**	**3.1**	<0.81
SG 94	<0.32	<0.34	<0.28	**15**	**6.1**	<0.33	**1.5**	<0.48	**0.51**	<0.29	<0.26	<0.29	<0.34	**2.4**	<0.66	<0.29	<0.34	**0.47**	<0.28	<0.83
SG-95	<0.52	<0.55	<0.44	**29**	**25**	<0.53	**31**	**1**	**2.1**	**8.5**	<0.41	<0.46	**2.6**	**2.2**	<1.1	<0.46	<0.54	<0.50	**6**	<1.3
SG-96	<2.8	<2.9	<2.3	<45	**31**	<2.8	<10	<4.1	<2.6	<2.5	<2.2	<2.5	**6.1**	<2.8	<5.6	<2.5	<2.9	**6.4**	<2.3	<7.1
SG 97	<0.30	<0.32	<0.26	**5.5**	**8.7**	<0.31	<1.1	<0.45	**0.8**	**0.53**	<0.24	<0.27	**0.74**	**6.2**	<0.61	<0.27	<0.31	**1.1**	**1.6**	<0.77
SG 98	<0.28	<0.30	**1.2**	**24**	**11**	<0.29	**280**	**2.1**	**2.3**	**0.77**	<0.23	<0.25	**1.6**	**1.9**	**0.89**	<0.25	<0.30	**0.95**	**0.28**	<0.73

Compound	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Ethyl Acetate	n-Hexane	Chloroform	Tetrahydrofuran (THF)	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene	Carbon Tetrachloride	Cyclohexane	1,2-Dichloropropane	Bromodichloromethane	Trichloroethene	1,4-Dioxane	Methyl Methacrylate
CAS no.	156-60-5	75-34-3	1634-04-4	108-05-4	78-93-3	156-59-2	141-78-6	110-54-3	67-66-3	109-99-9	107-06-2	71-55-6	71-43-2	56-23-5	110-82-7	78-87-5	75-27-4	79-01-6	123-91-1	80-62-6
TIER 1 [µg/m³]	NA	234	1,440	27,810	695,238	NA	9,733	97,333	16.28	278,095	38.00	695,238	130	62.39	834,286	101	10.12	200	75	97,333
SG 99	<0.27	<0.29	2.3	23	8.4	<0.28	880	4.9	<0.26	2	<0.22	<0.24	5.5	0.37	2.2	<0.24	<0.28	0.77	<0.23	2.5
SG 100	<0.64	<0.67	<0.54	30	14	<0.65	130	<0.95	2	1.2	<0.51	<0.57	3.3	<0.64	<1.3	<0.57	<0.67	3.4	<0.54	<1.6
SG 101	ND	ND	ND	ND	3.83	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SG-103	<1.7	<1.8	<1.4	<27	41	<1.7	33	<2.5	3.2	<1.5	<1.3	<1.5	5.7	<1.7	<3.4	<1.5	<1.7	<1.6	7.2	<4.3
SG-103 dup	<1.7	<1.8	<1.4	לא נבדק	לא נבדק	<1.7	32	<2.5	3.29	<1.5	<1.3	<1.5	5.61	<1.7	<3.4	<1.5	<1.7	<1.6	7.17	<4.3
SG 104	<0.31	<0.33	<0.26	16	13	<0.31	<1.2	<0.46	1.1	<0.28	<0.25	<0.28	0.89	35	<0.63	<0.28	<0.32	2.2	6.3	<0.79
SG 105	<0.52	<0.55	<0.45	72	54	<0.53	2.8	<0.78	4.9	1.9	<0.42	<0.47	2.1	23	<1.1	<0.47	<0.55	2.5	2.9	<1.3
SG 106	<0.29	<0.31	0.41	25	12	<0.30	2.3	0.78	8.8	<0.27	<0.23	<0.26	0.31	77	<0.60	<0.26	<0.31	0.57	<0.25	<0.76
SG 107	<0.33	<0.34	<0.28	24	19	<0.33	2.9	<0.48	9.1	1.9	<0.26	0.54	1.2	180	<0.66	<0.29	<0.34	2.7	5.3	<0.84
SG 108	<0.50	<0.53	<0.43	<8.1	11	<0.51	4.9	<0.74	4.7	0.62	<0.40	0.55	1.2	110	<1.0	<0.45	<0.52	<0.49	5	<1.3
SG 109	<0.33	<0.34	0.34	<5.3	2.2	<0.33	3.9	<0.48	3.9	<0.29	<0.26	<0.29	0.52	44	<0.66	<0.29	<0.34	0.37	0.32	<0.84
SG 110	<0.29	<0.31	<0.25	12	4.7	<0.30	1.9	<0.43	2.7	<0.26	<0.23	<0.26	<0.30	25	<0.59	<0.26	<0.30	8.7	<0.25	<0.75
SG 111	1.5	<1.3	<1.1	30	54	<1.3	1,800	7.1	1.9	4.4	<1.0	<1.1	8.8	2.8	<2.6	<1.1	<1.3	5.8	1.1	<3.3
SG 111 DUP	1.51	<1.3	<1.1	30.5	54.4	<1.3	1,780	7.09	1.86	4.35	<1.0	<1.1	8.79	2.75	<2.6	<1.1	<1.3	5.83	1.12	<3.3
SG-112	<0.31	<0.33	0.43	<5.1	4.5	<0.32	<1.2	<0.47	4.9	<0.28	<0.25	0.61	1.6	140	<0.64	<0.28	<0.33	1.6	<0.27	<0.81
SG 113	<3.2	<3.4	<2.7	<52	20	<3.2	<12	<4.8	4.2	<2.9	<2.6	<2.9	<3.3	87	<6.5	<2.9	<3.3	<3.1	5.3	<8.2
SG-114	<0.33	<0.35	<0.28	6.8	4.3	<0.33	2.9	1.2	0.89	<0.30	<0.26	<0.29	0.35	<0.33	<0.66	<0.29	<0.34	0.84	<0.28	2.7
SG-115	<0.34	<0.36	<0.29	11	13	0.46	2.1	0.7	2.8	0.81	<0.27	<0.30	0.39	11	<0.69	<0.30	<0.35	2.5	<0.29	<0.87
SG-116	<0.30	<0.31	<0.25	<4.8	3.7	0.54	2.6	0.52	0.91	<0.27	<0.24	<0.27	0.58	4.2	<0.60	<0.27	<0.31	2.2	0.43	<0.76
SG 118	ND	ND	ND	ND	6.05	ND	ND	ND	ND	ND	ND	ND	8.75	ND	ND	ND	ND	ND	ND	ND
SG 119	<0.32	<0.34	<0.28	<5.3	<0.48	<0.33	<1.2	<0.48	0.63	<0.29	<0.26	<0.29	<0.34	<0.32	<0.66	<0.29	<0.34	<0.32	<0.28	<0.83
SG 120	<0.31	<0.33	<0.26	13	5	<0.31	<1.2	<0.46	0.93	0.52	<0.25	<0.28	<0.32	3.9	<0.63	<0.28	<0.32	0.44	0.35	<0.79
SG 121	<0.34	<0.36	<0.29	10	9.5	<0.34	14	<0.50	1.9	0.43	<0.27	<0.30	<0.35	2.9	<0.69	<0.30	<0.35	0.63	2.6	<0.87
SG 122	ND	ND	ND	ND	5.31	ND	ND	ND		ND	ND	ND	18.85	ND	ND	ND	ND	ND	ND	ND
SG-123	N.D.	N.D.	N.D.	N.D.	28.09	N.D.	N.D.	N.D.	<LOQ	15.39	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

אקולוג הנדסה בע"מ

Compound	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Ethyl Acetate	n-Hexane	Chloroform	Tetrahydrofuran (THF)	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene	Carbon Tetrachloride	Cyclohexane	1,2-Dichloropropane	Bromodichloromethane	Trichloroethene	1,4-Dioxane	Methyl Methacrylate
CAS no.	156-60-5	75-34-3	1634-04-4	108-05-4	78-93-3	156-59-2	141-78-6	110-54-3	67-66-3	109-99-9	107-06-2	71-55-6	71-43-2	56-23-5	110-82-7	78-87-5	75-27-4	79-01-6	123-91-1	80-62-6
TIER 1 [µg/m³]	NA	234	1,440	27,810	695,238	NA	9,733	97,333	16.28	278,095	38.00	695,238	130	62.39	834,286	101	10.12	200	75	97,333
SG-124	<0.31	<0.33	**0.48**	לא נבדק	לא נבדק	<0.32	**9.1**	<0.46	**2**	**0.36**	<0.25	<0.28	<0.32	**0.32**	<0.63	<0.28	<0.32	**4.4**	<0.26	<0.80
SG 126	ND	ND	ND	לא נבדק	7.15	N.D.	N.D.	N.D.		לא נבדק	ND	ND	4.41	ND	ND	ND	ND	ND	ND	ND
SG 127	ND	ND	ND	לא נבדק	15.54	N.D.	N.D.	N.D.		לא נבדק	ND	ND	23.86	ND	ND	ND	ND	ND	ND	ND
SG 128	ND	ND	ND	לא נבדק	12.68	N.D.	N.D.	4.34		לא נבדק	ND	ND	30.15	ND	ND	ND	ND	ND	ND	ND
SG 129	<0.32	<0.34	<0.27	לא נבדק	לא נבדק	<0.33	**9.2**	<0.48	**2.7**	**0.43**	<0.26	<0.29	**2.5**	<0.32	<0.65	<0.29	<0.33	**0.78**	<0.27	<0.83
SG-130	ND	ND	ND	לא נבדק	4.95	N.D.	N.D.	לא נבדק	**32.91**	לא נבדק	ND	ND	3.71	ND	ND	ND	ND	לא נבדק	ND	ND
SG-131	N.D.	N.D.	N.D.	N.D.	27.78	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
SG-134	N.D.	N.D.	N.D.	N.D.	22.25	N.D.	N.D.	N.D.	N.D.	25.53	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
SG 135	<0.30	<0.31	<0.25	**16**	**9.9**	<0.30	**13**	**0.92**	**7**	**0.8**	<0.24	<0.26	**0.86**	**1.1**	<0.60	<0.26	<0.31	**0.7**	<0.25	**2.3**
SG-136	<1.2	<1.3	<1.0	<20	18	<1.2	<4.6	<1.8	3.5	<1.1	<0.96	<1.1	3	1.7	<2.4	<1.1	<1.3	2.8	<1.0	<3.1
SG-138	<0.32	<0.34	<0.27	**6.4**	**8.1**	<0.32	<1.2	<0.47	**5.4**	<0.29	<0.25	<0.28	**0.38**	<0.32	<0.65	<0.28	**1.8**	**3.1**	<0.27	<0.82
SG 139	<0.29	<0.31	<0.25	**440**	**240**	<0.30	<1.1	**0.92**	**2**	<0.26	<0.23	<0.26	**2.4**	<0.29	<0.59	<0.26	<0.30	<0.28	**92**	**6.3**
SG 140	<0.34	<0.36	<0.29	<5.5	<0.51	<0.35	<1.3	<0.51	**3**	<0.31	<0.27	<0.30	<0.35	<0.34	<0.69	<0.30	<0.35	<0.33	<0.29	<0.87
SG 141	<0.29	<0.30	<0.24	<4.7	**1.8**	<0.29	**6.9**	<0.43	**0.96**	<0.26	<0.23	<0.26	<0.30	<0.29	<0.58	<0.26	<0.30	<0.28	<0.24	<0.74
AB 23/12/2019	<0.36	<0.38	<0.31	**25**	**24**	<0.37	**6.2**	**0.78**	<0.35	**0.92**	<0.29	<0.32	**1.1**	**0.38**	<0.73	<0.32	<0.38	<0.35	**2.9**	<0.93
AB 22/4/2020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AB 31/12/2019	<0.26	<0.28	<0.23	<4.3	**0.76**	<0.27	<1.0	<0.39	<0.25	<0.24	<0.21	<0.24	**0.62**	**0.36**	<0.54	<0.24	<0.28	<0.26	<0.23	<0.68
AB 26/5/20	<0.33	<0.35	**0.35**	<5.3	**1.2**	<0.33	<1.2	<0.49	<0.31	<0.30	<0.26	<0.29	**0.37**	**0.4**	<0.66	<0.29	<0.34	<0.32	<0.28	<0.84
AB 2/7/20	<0.28	<0.29	<0.24	**5.7**	**6.2**	<0.28	**1.7**	<0.41	<0.27	<0.25	<0.22	<0.25	**0.33**	**0.3**	<0.56	<0.25	<0.29	<0.27	<0.24	<0.71
AB 1/7/20	<0.32	<0.33	<0.27	<5.1	**1.5**	<0.32	<1.2	<0.47	<0.30	<0.29	<0.25	<0.28	<0.33	**0.46**	<0.64	<0.28	<0.33	<0.31	<0.27	<0.81

Compound	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Ethyl Acetate	n-Hexane	Chloroform	Tetrahydrofuran (THF)	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene	Carbon Tetrachloride	Cyclohexane	1,2-Dichloropropane	Bromodichloromethane	Trichloroethene	1,4-Dioxane	Methyl Methacrylate
CAS no.	156-60-5	75-34-3	1634-04-4	108-05-4	78-93-3	156-59-2	141-78-6	110-54-3	67-66-3	109-99-9	107-06-2	71-55-6	71-43-2	56-23-5	110-82-7	78-87-5	75-27-4	79-01-6	123-91-1	80-62-6
TIER 1 [µg/m³]	NA	234	1,440	27,810	695,238	NA	9,733	97,333	16.28	278,095	38.00	695,238	130	62.39	834,286	101	10.12	200	75	97,333
AB 30/6/20	<0.27	<0.29	<0.23	10	4.7	<0.28	21	4.7	<0.26	1	<0.22	<0.24	1.1	0.36	3.5	<0.24	0.35	0.6	0.46	<0.70
AB 8/7/20	<0.32	<0.34	<0.27	<5.2	0.86	<0.32	2.7	<0.48	<0.31	<0.29	<0.26	<0.29	<0.33	0.35	<0.65	<0.29	<0.33	0.57	4.4	<0.82

Compound	n-Heptane	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloromethane	1,2-Dibromoethane	n-Butyl Acetate	n-Octane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m,p-Xylenes	Bromoform	Styrene	o-Xylene
CAS no.	142-82-5	10061-01-5	108-10-1	10061-02-6	79-00-5	108-88-3	591-78-6	124-48-1	106-93-4	123-86-4	111-65-9	127-18-4	108-90-7	100-41-4	179601-23-1	75-25-2	100-42-5	95-47-6
TIER 1 [µg/m³]	N/A	N/A	417,143	N/A	23	30,000	4,171	NA	0.62	N/A	N/A	2,100	6,952	150	N/A	340	10,000	13,905
SG-7	לא נבדק	ND	לא נבדק	ND	ND	ND	11.8	ND	ND	לא נבדק	לא נבדק	לא נבדק	ND	ND	לא נבדק	ND	ND	ND
SG 8	לא נבדק	ND	לא נבדק	ND	ND	6.48	13.11	ND	ND	לא נבדק	לא נבדק	לא נבדק	ND	ND	24.92	ND	ND	11.38
SG 9	לא נבדק	ND	לא נבדק	ND	ND	13.34	27.65	ND	ND	לא נבדק	לא נבדק	לא נבדק	ND	ND	לא נבדק	ND	ND	ND
SG 10	0.75	<0.32	0.54	<0.42	<0.21	4.7	1.8	<0.27	<0.24	2.6	3.7	2.3	<0.27	0.57	1.7	<0.42	0.53	0.68
SG-11	5.4	<0.37	0.92	<0.49	<0.24	12	3.1	<0.31	<0.27	10	2.6	0.62	<0.31	5.8	18	<0.49	1.3	7.2
SG-12	0.65	<0.39	1.3	<0.51	<0.25	2.5	<0.31	<0.33	<0.29	<0.34	<0.56	3.5	<0.33	1.6	4.2	<0.51	5.4	1.4
SG 13	0.46	<0.36	0.67	1.7	<0.23	6	<0.28	<0.30	<0.27	1.8	0.71	3.4	<0.31	1.4	5.3	<0.47	1.1	1.9
SG 14	0.68	<0.34	0.82	<0.46	<0.22	3.6	1.6	<0.29	<0.26	1.2	0.56	3.1	<0.29	1.1	4.2	<0.46	2.3	1.4
SG 15	4.9	<0.36	1.2	<0.48	<0.23	22	5.7	<0.30	<0.27	52	3.1	8.3	0.47	1.1	2.9	<0.48	1.3	1.2
SG-16	N.D.	N.D.	N.D.	N.D.	N.D.	100.06	167.46	N.D.	N.D.	לא נבדק	לא נבדק	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
SG 17	2	<0.85	2.5	<1.1	<0.55	22	<0.68	<0.72	<0.63	32	2.8	210	<0.73	2.8	8.7	<1.1	3.8	2.9

Compound	n-Heptane	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloromethane	1,2-Dibromoethane	n-Butyl Acetate	n-Octane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m,p-Xylenes	Bromoform	Styrene	o-Xylene
CAS no.	142-82-5	10061-01-5	108-10-1	10061-02-6	79-00-5	108-88-3	591-78-6	124-48-1	106-93-4	123-86-4	111-65-9	127-18-4	108-90-7	100-41-4	179601-23-1	75-25-2	100-42-5	95-47-6
TIER 1 [µg/m³]	N/A	N/A	417,143	N/A	23	30,000	4,171	NA	0.62	N/A	N/A	2,100	6,952	150	N/A	340	10,000	13,905
SG 18	3.7	<1.2	1.4	<1.6	<0.77	73	3	<1.0	<0.89	35	2.7	1,500	<1.0	2.6	8.7	<1.6	2.9	3
SG 19	<1.7	<1.7	<1.5	<2.2	<1.1	4.2	2.1	<1.4	<1.2	28	<2.4	1,200	<1.4	<1.5	4.4	<2.2	<1.7	1.7
SG-20	<29	<28	<25	<38	<18	33	23	<24	<21	<25	<41	240	<24	<26	<48	<38	<29	<26
SG-21	1.5	<0.32	1.7	<0.43	<0.21	10	3.8	<0.27	<0.24	2.7	1.7	36	<0.28	1.2	4.8	<0.43	1.6	1.3
SG-22	0.75	<0.35	0.91	<0.46	<0.23	13	1.9	<0.29	<0.26	0.39	0.74	2.2	<0.30	1.6	6.8	<0.46	0.61	2.6
SG-23	2.2	<0.33	2.5	<0.44	<0.21	24	2.1	<0.28	<0.25	26	2.1	0.88	<0.28	2.3	7.6	<0.44	3.2	2.9
SG-24	<0.36	<0.35	1	<0.47	<0.23	1.3	<0.28	<0.30	<0.27	<0.31	<0.51	600	<0.30	0.56	2	<0.47	0.38	0.83
SG-25	2.4	<0.34	1.3	<0.45	<0.22	9.7	2.1	<0.28	<0.25	1.7	1.4	46	<0.29	0.68	2	<0.45	0.38	0.82
SG-26	21.72	N.D.	N.D.	N.D.	N.D.	N.D.	330.09	N.D.	N.D.	לא נבדק	לא נבדק	37.91	N.D.	N.D.	N.D.	N.D.	10.50	<LOQ
SG-27	<0.39	<0.38	0.46	<0.50	<0.25	1.1	0.45	<0.32	<0.28	<0.33	<0.55	1.4	<0.32	0.52	1.9	<0.50	0.51	0.84
SG-28	<0.39	<0.38	<0.34	<0.51	<0.25	0.57	0.99	<0.32	<0.29	לא נבדק	לא נבדק	לא נבדק	<0.33	<0.35	<0.65	<0.51	<0.40	<0.36
SG-29	<0.41	<0.40	<0.36	<0.54	<0.26	2.8	1	<0.34	<0.30	לא נבדק	לא נבדק	לא נבדק	<0.35	<0.37	1.1	<0.54	<0.42	0.52
SG-30	<LOQ	N.D.	N.D.	N.D.	N.D.	38.94	211.32	N.D.	N.D.	לא נבדק	לא נבדק	לא נבדק	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
SG-31	<LOQ	N.D.	N.D.	N.D.	N.D.	141.45	113.65	N.D.	N.D.	לא נבדק	לא נבדק	לא נבדק	5.19	N.D.	<LOQ	N.D.	N.D.	N.D.
SG 32	1.3	<0.37	1.6	<0.49	<0.24	11	3.8	<0.31	<0.28	לא נבדק	לא נבדק	לא נבדק	<0.32	2.8	10	<0.49	0.72	4.1
SG-33	1.1	<0.35	0.44	<0.46	<0.23	13	4	<0.29	<0.26	לא נבדק	לא נבדק	לא נבדק	<0.30	2	6.6	<0.46	0.56	3.4
SG 34					ND	ND	ND	ND	ND	לא נבדק	לא נבדק	לא נבדק	ND	ND	ND	ND	ND	ND
SG 35	1	<0.29	4.3	<0.38	<0.19	26	2.4	<0.24	<0.22	לא נבדק	לא נבדק	לא נבדק	<0.25	14	41	<0.38	1.7	8.5
SG 36	1.3	<0.59	1.6	<0.79	<0.39	4.1	4	<0.50	<0.44	לא נבדק	לא נבדק	לא נבדק	<0.51	1.1	4.1	<0.79	1.3	1.2
SG-36 dup	1.36	<0.59	1.54	<0.79	<0.39	4.08	4.2	<0.50	<0.44	לא נבדק	לא נבדק	לא נבדק	<0.51	1.14	4.23	<0.79	1.26	1.4
SG 37	<60	<59	<51	<78	<38	71	<47	<49	<44	לא נבדק	לא נבדק	לא נבדק	<50	<53	<99	<78	<61	<54
SG 38	<0.39	<0.38	0.51	<0.50	<0.25	0.88	0.78	<0.32	<0.28	לא נבדק	לא נבדק	לא נבדק	<0.32	<0.34	1	<0.50	<0.39	<0.35

Compound	n-Heptane	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloromethane	1,2-Dibromoethane	n-Butyl Acetate	n-Octane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m,p-Xylenes	Bromoform	Styrene	o-Xylene
CAS no.	142-82-5	10061-01-5	108-10-1	10061-02-6	79-00-5	108-88-3	591-78-6	124-48-1	106-93-4	123-86-4	111-65-9	127-18-4	108-90-7	100-41-4	179601-23-1	75-25-2	100-42-5	95-47-6
TIER 1 [µg/m³]	N/A	N/A	417,143	N/A	23	30,000	4,171	NA	0.62	N/A	N/A	2,100	6,952	150	N/A	340	10,000	13,905
SG-39	<LOQ	N.D.	N.D.	N.D.	N.D.	34.29	123.73	N.D.	N.D.	לא נבדק	לא נבדק	לא נבדק	N.D.	N.D.	<LOQ	N.D.	N.D.	<LOQ
SG-49	**1.7**	<0.43	<0.37	<0.56	<0.28	**40**	<0.34	<0.36	<0.32	לא נבדק	לא נבדק	לא נבדק	<0.36	**10**	**32**	<0.56	**2.3**	**13**
SG-49 dup	1.89	<0.43	0.441	<0.56	<0.28	39.1	<0.34	<0.36	<0.32	1.32	2.54	2.15	<0.36	10	32.3	<0.56	2.41	13
SG 50	**28**	<0.38	**1.2**	<0.51	<0.25	**2.3**	**6.1**	<0.32	<0.29	<0.34	**0.86**	**1.7**	<0.33	**0.57**	**1.8**	<0.51	**1**	**0.56**
SG-51	**0.88**	<0.39	**1.1**	<0.52	<0.26	**3.3**	**1.2**	<0.33	<0.29	**0.72**	**0.98**	**54**	<0.34	**1.4**	**5.3**	<0.52	**1.5**	**1.9**
SG 52	<1.9	<1.9	**1.7**	<2.5	<1.2	**10**	<1.5	<1.6	<1.4	<1.7	<2.7	**3400**	<1.6	<1.7	**5.2**	<2.5	<1.9	**2.5**
SG 55	**1**	<0.35	**1.5**	<0.46	<0.23	**9.5**	**2.7**	<0.30	<0.26	**5.4**	**0.93**	**120**	<0.30	**1.5**	**5.9**	<0.46	**0.94**	**2.4**
SG-56	2.5	**<0.36**	0.83	**<0.48**	<0.23	8.1	**1.3**	**<0.30**	<0.27	1.6	**0.77**	**0.42**	**<0.31**	0.7	**1.8**	**<0.48**	0.38	**0.58**
SG-57	0.4	**<0.35**	0.59	**<0.46**	<0.23	1.2	**1**	**<0.29**	<0.26	16	**<0.50**	1.1	**1.1**	**0.49**	**0.88**	**<0.46**	0.42	**<0.32**
SG-58	<3.4	<3.3	<2.9	<4.4	<2.2	16	**<2.7**	<2.8	<2.5	<2.9	**<4.8**	<2.8	<2.9	<3.0	7	**<4.4**	<3.5	<3.1
SG-58 DUP	<3.4	<3.3	<2.9	<4.4	<2.2	16.2	<2.7	<2.8	<2.5	<2.9	<4.8	<2.8	<2.9	<3.0	7.04	<4.4	<3.5	<3.1
SG 59	**0.82**	<0.32	**1.1**	<0.43	<0.21	**7.5**	<0.26	<0.27	<0.24	**12**	**0.89**	**8.3**	<0.28	**2.1**	**7.5**	<0.43	**0.63**	**2.6**
SG-60	**2.1**	<0.34	**0.82**	<0.45	<0.22	**16**	**2.4**	<0.29	<0.25	**29**	**1.5**	**0.48**	<0.29	**0.42**	**1.2**	<0.45	<0.35	**0.45**
SG 61	**0.53**	<0.28	<0.25	<0.37	<0.18	**1.4**	<0.22	<0.24	<0.21	<0.25	<0.41	**0.58**	<0.24	**0.35**	**0.79**	<0.37	**0.51**	<0.26
SG 62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SG 62 DUP	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SG 63	**0.5**	<0.32	**1.1**	<0.42	<0.21	**7.7**	**0.8**	<0.27	<0.24	לא נבדק	לא נבדק	לא נבדק	<0.27	**2.7**	**8.6**	<0.42	**0.79**	**3.6**
SG 64	**1.3**	<0.35	**1.7**	<0.47	<0.23	**10**	**2.5**	<0.30	<0.27	**13**	**1.7**	**2.4**	<0.30	**3.4**	**13**	<0.47	**0.77**	**5.3**
SG-65	**1.9**	<0.40	72	<0.53	<0.26	**6.9**	<0.32	<0.34	<0.30	**11**	<0.58	0.85	<0.34	**7.6**	**25**	<0.53	**0.77**	**5**
SG 65 DUP	1.95	<0.40	71.7	<0.53	<0.26	6.9	<0.32	<0.34	<0.30	10.5	<0.58	0.854	<0.34	7.58	24.8	<0.53	0.773	4.96
SG 71	ND	ND	ND	ND	ND	ND	12.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SG-72	<1.4	<1.4	**5**	<1.8	<0.90	**130**	**1.4**	<1.2	<1.0	**63**	**2.6**	<1.1	<1.2	**2**	**4.9**	<1.8	**2.2**	**1.7**
SG 73	<1.5	<1.4	<1.3	<1.9	<0.93	**4**	<1.1	<1.2	<1.1	<1.3	<2.1	**1.4**	<1.2	**2.5**	**5.4**	<1.9	**13**	**1.8**
SG 74	**0.76**	<0.36	**0.81**	<0.48	<0.23	**2**	<0.29	<0.30	<0.27	**0.79**	**0.78**	**90**	<0.31	**0.89**	**2.9**	<0.48	**1.5**	**0.9**
SG 75	<4.5	<4.4	<3.9	<5.8	<2.9	**6.1**	<3.5	<3.7	<3.3	<3.9	<6.3	**7600**	<3.8	<4.0	<7.4	<5.8	<4.5	<4.1

Compound	n-Heptane	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloromethane	1,2-Dibromoethane	n-Butyl Acetate	n-Octane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m,p-Xylenes	Bromoform	Styrene	o-Xylene
CAS no.	142-82-5	10061-01-5	108-10-1	10061-02-6	79-00-5	108-88-3	591-78-6	124-48-1	106-93-4	123-86-4	111-65-9	127-18-4	108-90-7	100-41-4	179601-23-1	75-25-2	100-42-5	95-47-6
TIER 1 [µg/m³]	N/A	N/A	417,143	N/A	23	30,000	4,171	NA	0.62	N/A	N/A	2,100	6,952	150	N/A	340	10,000	13,905
SG 77	0.6	<0.32	0.9	<0.43	<0.21	13	<0.26	<0.27	<0.24	<0.28	0.78	88	<0.28	1.9	6.6	<0.43	1	2.8
SG-78	1.3	<0.41	<0.36	<0.54	<0.27	1.8	0.54	<0.34	<0.31	0.43	<0.59	<0.34	<0.35	<0.37	1.2	<0.54	0.5	<0.38
SG-79	1.4	<0.34		<0.45	<0.22	4.2	1	<0.29	<0.25	0.56	1.3	27	<0.29	0.31	1	<0.45	<0.35	0.34
SG-80	0.51	<0.37	1.5	<0.49	<0.24	5.4	2.8	<0.31	<0.28	22	0.76	210	<0.32	1.5	5.3	<0.49	1.5	1.5
SG-81	1.1	<0.35	0.69	<0.47	<0.23	24	3	<0.30	<0.26	0.83	6.4	130	<0.30	1.2	4.1	<0.47	1.1	1.6
SG-89	0.68	<0.35	0.81	<0.46	<0.23	5.1	1.3	<0.29	<0.26	11	1.2	77	<0.30	4.1	14	<0.46	1.6	6.1
SG-90	1.1	<0.40	0.63	<0.54	<0.26	2.4	1.8	<0.34	<0.30	13	0.85	760	<0.35	0.49	1.5	<0.54	0.69	0.66
SG-91	1.3	<0.34	<0.30	<0.45	<0.22	6	0.43	<0.28	<0.25	0.5	0.65	8.4	<0.29	0.78	2.3	<0.45	0.66	0.75
SG-92	<0.50	<0.49	0.86	<0.65	<0.32	1.6	0.86	<0.41	<0.36	56	<0.70	2.7	<0.42	<0.44	0.83	<0.65	<0.50	<0.45
SG-93	2.4	<0.35	1.4	<0.47	<0.23	21	1.7	<0.30	<0.27	10	4.4	0.9	<0.30	16	52	<0.47	1.6	21
SG 94	8.5	<0.36	0.68	<0.48	<0.24	1.7	2	<0.31	<0.27	<0.32	<0.53	1.6	<0.31	0.52	2.1	<0.48	0.9	0.78
SG-95	2.3	<0.58	<0.51	<0.77	<0.38	13	3	<0.49	<0.43	16	2.8	1.9	<0.50	6.7	21	<0.77	1.5	8.4
SG-96	<3.2	<3.1	<2.7	<4.1	<2.0	11	5.8	<2.6	<2.3	19	<4.5	3000	<2.6	2.9	6.6	<4.1	<3.2	5.4
SG 97	0.61	<0.34	0.57	<0.45	<0.22	4.1	<0.27	<0.29	<0.25	7.8	<0.49	740	<0.29	0.96	3.8	<0.45	0.37	1.3
SG 98	2.9	<0.32	1.5	<0.42	<0.21	16	<0.25	<0.27	<0.24	3	1	7.2	<0.27	2.4	6.1	<0.42	3	2.2
SG 99	8.1	<0.31	1	<0.40	<0.20	59	<0.24	<0.26	<0.23	3.5	2.8	0.98	<0.26	5.1	12	<0.40	5.5	5.3
SG 100	1.1	<0.72	0.81	<0.95	<0.47	8.4	1.7	<0.61	<0.54	20	3.4	7.6	<0.61	1.2	3.9	<0.95	0.87	1.5
SG 101	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	41.85	ND	ND	ND	ND	ND	ND
SG-103	2.1	<1.9	<1.6	<2.5	<1.2	18	4.5	<1.6	<1.4	25	2.8	<1.6	<1.6	9.9	29	<2.5	<1.9	11
SG-103 dup	<1.9	<1.9	<1.6	<2.5	<1.2	17	5.48	<1.6	<1.4	לא נבדק	לא נבדק	לא נבדק	<1.6	9.53	27.9	<2.5	<1.9	10.7
SG 104	<0.35	<0.35	0.73	<0.46	<0.23	3.6	2.3	<0.29	<0.26	7.8	<0.50	1,700	<0.30	0.56	1.9	<0.46	0.71	0.72
SG 105	0.93	<0.59	3.5	<0.78	<0.38	5.3	20	<0.50	<0.44	7.2	1.7	690	<0.50	1.9	9.6	<0.78	1.2	4
SG 106	1.9	<0.33	0.98	<0.44	<0.21	6.8	2.2	<0.28	<0.25	1.9	2	140	<0.28	2.7	10	<0.44	1.8	4.1
SG 107	0.82	<0.37	1.4	<0.48	<0.24	7.4	<0.29	<0.31	<0.27	10	0.56	81	<0.31	1.4	6.3	<0.48	1.7	3.2
SG 108	0.77	<0.56	0.74	<0.74	<0.37	6.4	<0.45	<0.47	<0.42	8.4	<0.81	16	<0.48	1	4.1	<0.74	0.97	1.5
SG 109	1.3	<0.37	0.59	<0.48	<0.24	5.5	<0.29	<0.31	<0.27	1.4	2	9.6	<0.31	1.7	6.7	<0.48	1.8	2.5
SG 110	0.57	<0.33	0.74	<0.43	<0.21	3.8	0.81	<0.28	<0.24	0.91	0.63	3.7	<0.28	1.3	4.5	<0.43	1.3	1.9

Compound	n-Heptane	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloromethane	1,2-Dibromoethane	n-Butyl Acetate	n-Octane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m,p-Xylenes	Bromoform	Styrene	o-Xylene
CAS no.	142-82-5	10061-01-5	108-10-1	10061-02-6	79-00-5	108-88-3	591-78-6	124-48-1	106-93-4	123-86-4	111-65-9	127-18-4	108-90-7	100-41-4	179601-23-1	75-25-2	100-42-5	95-47-6
TIER 1 [µg/m³]	N/A	N/A	417,143	N/A	23	30,000	4,171	NA	0.62	N/A	N/A	2,100	6,952	150	N/A	340	10,000	13,905
SG 111	1.9	<1.4	2.4	<1.9	<0.93	42	4.3	<1.2	<1.1	30	3.5	120	<1.2	2.5	7	<1.9	3.9	2.7
SG 111 DUP	1.87	<1.4	2.41	<1.9	<0.93	42	4.27	<1.2	<1.1	30	3.53	119	<1.2	2.48	7	<1.9	3.87	2.67
SG-112	0.61	<0.35	0.9	<0.47	<0.23	17	<0.28	<0.30	<0.26	2.1	<0.51	310	<0.30	2.2	8	<0.47	1.2	2.6
SG 113	<3.7	<3.6	<3.2	<4.8	<2.3	7.4	<2.9	<3.0	<2.7	9.5	<5.2	340	<3.1	<3.2	<6.1	<4.8	<3.7	<3.3
SG-114	0.44	<0.37	1.6	<0.49	<0.24	22	<0.29	<0.31	<0.27	1.4	<0.53	60	<0.31	1.1	3.7	<0.49	1.1	1.2
SG-115	0.84	<0.38	3.2	<0.50	<0.25	3.7	<0.30	<0.32	<0.28	0.87	0.68	330	<0.32	1.1	3.6	<0.50	2.2	1.1
SG-116	0.77	<0.33	1.1	<0.44	<0.22	6.5	<0.27	<0.28	<0.25	1.1	0.78	840	<0.29	1.8	6.9	<0.44	1.7	1.9
SG 118	ND	ND	ND	ND	ND	ND	7.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SG 119	<0.37	<0.36	<0.32	<0.48	<0.24	0.31	<0.29	<0.31	<0.27	<0.32	0.9	0.67	<0.31	<0.33	<0.61	<0.48	<0.38	<0.34
SG 120	<0.35	<0.35	1.1	<0.46	<0.23	2.4	1.6	<0.29	<0.26	<0.30	<0.50	500	<0.30	0.89	3	<0.46	0.95	1
SG 121	<0.39	<0.38	0.82	<0.50	<0.25	2.1	2.8	<0.32	<0.28	0.58	1.6	640	<0.32	0.61	2.1	<0.50	0.62	0.95
SG 122	ND	ND	ND	ND	ND	ND	ND	ND	ND	לא נבדק	לא נבדק	לא נבדק	ND	ND	ND	ND	ND	ND
SG-123	7.62	N.D.	N.D.	N.D.	N.D.	9.68	166.64	ND	ND	לא נבדק	לא נבדק	ND	ND	ND	ND	ND	ND	ND
SG-124	1.2	<0.35	<0.31	<0.46	<0.23	17	<0.28	<0.29	<0.26	לא נבדק	לא נבדק	לא נבדק	<0.30	5.7	18	<0.46	1.1	7.6
SG 126	ND	ND	ND	ND	ND	ND	7.18	ND	ND	לא נבדק	לא נבדק	12.09	ND	ND	ND	ND	ND	ND
SG 127	ND	ND	ND	ND	ND	ND	11.28	ND	ND	לא נבדק	לא נבדק	לא נבדק	ND	ND	לא נבדק	ND	ND	ND
SG 128	ND	ND	ND	ND	ND	ND	10.94	ND	ND	לא נבדק	לא נבדק	לא נבדק	ND	ND	לא נבדק	ND	ND	ND
SG 129	0.9	<0.36	<0.32	<0.48	<0.23	11	<0.29	<0.30	<0.27	לא נבדק	לא נבדק	לא נבדק	2	5.3	16	<0.48	0.84	7.1
SG-130	לא נבדק	ND	לא נבדק	ND	ND	ND	ND	ND	ND	לא נבדק	לא נבדק	לא נבדק	ND	ND	לא נבדק	ND	ND	ND
SG-131	5.06	N.D.	N.D.	N.D.	N.D.	559.44	243.31	N.D.	N.D.	לא נבדק	לא נבדק	5.27	<LOQ	N.D.	N.D.	N.D.	N.D.	N.D.
SG-134	17.90	N.D.	N.D.	N.D.	N.D.	25.89	109.21	N.D.	N.D.	לא נבדק	לא נבדק	<LOQ	N.D.	N.D.	<LOQ	N.D.	N.D.	N.D.
SG 135	1.2	<0.33	1.3	<0.44	<0.22	49	1.8	<0.28	<0.25	1.1	1.8	11	<0.28	2.5	9.7	<0.44	0.93	3.4
SG-136	<1.4	<1.3	1.5	<1.8	<0.88	3.7	2.1	<1.1	<1.0	22	<2.0	570	<1.2	<1.2	3.7	<1.8	<1.4	1.6
SG-138	3.9	<0.36	<0.31	<0.47	<0.23	14	0.73	<0.30	<0.27	0.8	0.79	0.53	<0.31	1.4	4.1	<0.47	1.4	1.3

Compound	n-Heptane	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloromethane	1,2-Dibromoethane	n-Butyl Acetate	n-Octane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m,p-Xylenes	Bromoform	Styrene	o-Xylene
CAS no.	142-82-5	10061-01-5	108-10-1	10061-02-6	79-00-5	108-88-3	591-78-6	124-48-1	106-93-4	123-86-4	111-65-9	127-18-4	108-90-7	100-41-4	179601-23-1	75-25-2	100-42-5	95-47-6
TIER 1 [µg/m³]	N/A	N/A	417,143	N/A	23	30,000	4,171	NA	0.62	N/A	N/A	2,100	6,952	150	N/A	340	10,000	13,905
SG 139	<0.34	<0.33	300	<0.43	<0.21	16	<0.26	<0.28	<0.24	52	<0.47	1.7	<0.28	2.8	17	<0.43	1.3	6.2
SG 140	<0.39	<0.38	<0.34	<0.51	<0.25	0.32	<0.30	<0.32	<0.29	0.52	<0.55	1.1	<0.33	<0.35	<0.64	<0.51	<0.40	<0.35
SG 141	0.93	<0.32	<0.28	<0.43	<0.21	0.76	<0.26	<0.27	<0.24	0.32	<0.47	0.71	<0.28	<0.29	<0.54	<0.43	<0.33	<0.30
AB 23/12/2019	<0.41	<0.40	1.6	<0.54	<0.26	10	3.7	<0.34	<0.30	1.6	<0.59	<0.34	<0.35	0.72	2.4	<0.54	0.55	0.78
AB 22/4/2020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AB 31/12/2019	<0.30	<0.30	<0.26	<0.39	<0.19	1.2	<0.24	<0.25	<0.22	<0.26	<0.43	<0.25	<0.25	<0.27	0.58	<0.39	<0.31	<0.28
AB 26/5/20	<0.38	<0.37	<0.32	<0.49	<0.24	1.4	<0.29	<0.31	<0.27	0.44	<0.53	0.89	<0.31	0.36	1.1	<0.49	<0.38	0.44
AB 2/7/20	<0.32	<0.31	<0.27	<0.41	<0.20	2.1	1.3	<0.26	<0.23	<0.27	<0.45	0.3	<0.27	<0.28	0.68	<0.41	<0.32	<0.29
AB 1/7/20	<0.36	<0.35	<0.31	<0.47	<0.23	1.3	<0.28	<0.30	<0.27	<0.31	<0.51	0.46	<0.30	<0.32	0.64	<0.47	<0.37	<0.33
AB 30/6/20	2.7	<0.31	0.77	<0.41	<0.20	24	1.2	<0.26	<0.23	15	1.6	10	<0.26	1.4	5	<0.41	0.83	1.9
AB 8/7/20	<0.37	<0.36	0.71	<0.48	<0.23	1.4	<0.29	<0.30	<0.27	0.45	3.4	<0.30	<0.31	0.35	1	<0.48	<0.37	0.44

Compound	n-Nonane	1,1,2,2-Tetrachloroethane	Cumene	alpha-Pinene	n-Propylbenzene	4-Ethyltoluene	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	Benzyl Chloride	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene	d-Limonene	1,2-Dibromo-3-chloropropane	1,2,4-Trichlorobenzene	Naphthalene	Hexachlorobutadiene
CAS no.	111-84-2	79-34-5	98-82-8	80-56-8	103-65-1	622-96-8	108-67-8	95-63-6	100-44-7	541-73-1	106-46-7	95-50-1	5989-27-5	96-12-8	120-82-1	91-20-3	87-68-3
TIER 1 [µg/m³]	2,781	6.45	55,619	N/A	139,048	N/A	8,343	8,343	7.64	N/A	34.03	27,810	#N/A	0.06	278	11.01	17.02
SG-7	לא נבדק	ND	לא נבדק	לא נבדק	לא נבדק	לא נבדק	ND	ND	ND	ND	ND	ND	לא נבדק	לא נבדק	ND	ND	ND
SG 8	לא נבדק	ND	לא נבדק	לא נבדק	לא נבדק	לא נבדק	ND	23.45	ND	ND	ND	ND	לא נבדק	לא נבדק	ND	10.96	ND
SG 9	לא נבדק	ND	לא נבדק	לא נבדק	לא נבדק	לא נבדק	ND	ND	ND	ND	ND	ND	לא נבדק	לא נבדק	ND	ND	ND
SG 10	17	<0.28	<0.29	0.38	<0.29	<0.33	<0.29	0.42	<0.46	<0.31	<0.31	<0.30	1.6	<0.38	<0.50	<0.50	<0.42

Compound	n-Nonane	1,1,2,2-Tetrachloroethane	Cumene	alpha-Pinene	n-Propylbenzene	4-Ethyltoluene	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	Benzyl Chloride	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene	d-Limonene	1,2-Dibromo-3-chloropropane	1,2,4-Trichlorobenzene	Naphthalene	Hexachlorobutadiene
CAS no.	111-84-2	79-34-5	98-82-8	80-56-8	103-65-1	622-96-8	108-67-8	95-63-6	100-44-7	541-73-1	106-46-7	95-50-1	5989-27-5	96-12-8	120-82-1	91-20-3	87-68-3
TIER 1 [µg/m³]	2,781	6.45	55,619	N/A	139,048	N/A	8,343	8,343	7.64	N/A	34.03	27,810	#N/A	0.06	278	11.01	17.02
SG-11	4.6	<0.33	5.6	<0.36	<0.34	<0.38	<0.34	0.98	1.6	<0.35	<0.36	<0.35	2.7	<0.44	<0.58	<0.58	<0.49
SG-12	<0.41	<0.34	<0.36	<0.38	0.6	0.92	0.5	2.8	<0.56	<0.37	<0.38	<0.37	1.4	<0.47	<0.60	<0.60	<0.51
SG 13	<0.38	<0.32	<0.33	0.37	0.65	1	0.76	3.4	<0.52	<0.34	<0.35	<0.34	1.9	<0.43	<0.56	0.82	<0.47
SG 14	<0.37	<0.31	<0.32	<0.34	0.41	0.76	0.51	2.5	<0.50	<0.33	<0.34	<0.33	0.78	<0.42	<0.54	<0.54	<0.46
SG 15	7.4	<0.32	6.8	0.66	0.45	0.41	0.42	1.9	1.5	<0.35	<0.35	<0.34	5.3	<0.43	<0.56	0.62	<0.48
SG-16	לא נבדק	N.D.	לא נבדק	לא נבדק	לא נבדק	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	לא נבדק	N.D.	N.D.	N.D.	N.D.
SG 17	3.3	<0.76	<0.79	0.89	0.86	1.4	0.85	5	<1.2	<0.82	<0.84	<0.81	6.8	<1.0	<1.3	1.5	<1.1
SG 18	<1.3	<1.1	<1.1	3.5	<1.1	<1.2	<1.1	3.3	<1.7	<1.1	<1.2	<1.1	1.9	<1.4	<1.9	<1.9	<1.6
SG 19	<1.8	<1.5	6.9	<1.6	<1.5	<1.7	<1.5	3.2	<2.4	<1.6	<1.6	<1.6	7.9	<2.0	<2.6	<2.6	<2.2
SG-20	<30	<25	<26	36	<26	<29	<26	<25	<41	<27	<28	<27	<38	<34	<44	<44	<38
SG-21	<0.34	<0.29	<0.30	<0.32	0.46	0.76	0.39	3	<0.47	<0.31	0.4	<0.31	2.4	<0.39	<0.50	0.8	<0.43
SG-22	0.4	<0.31	<0.32	<0.34	0.7	0.65	0.55	2.7	<0.50	<0.33	<0.34	<0.33	1.2	<0.42	<0.54	0.94	<0.46
SG-23	2.1	<0.29	2.1	<0.33	0.57	0.76	0.58	3.7	4.4	<0.32	<0.33	<0.31	4.3	<0.40	<0.52	2.1	<0.44
SG-24	<0.38	<0.32	<0.33	<0.35	<0.33	0.42	<0.33	1.2	<0.51	<0.34	<0.35	<0.34	<0.47	<0.43	<0.56	<0.56	<0.47
SG-25	0.88	<0.30	<0.31	0.77	<0.31	<0.34	<0.31	0.58	<0.49	<0.32	<0.33	<0.32	12	<0.41	<0.53	<0.53	<0.45
SG-26	לא נבדק	N.D.	לא נבדק	לא נבדק	לא נבדק	N.D.	N.D.	16.44	N.D.	N.D.	N.D.	N.D.	לא נבדק	N.D.	N.D.	N.D.	N.D.
SG-27	<0.41	<0.34	<0.35	<0.38	<0.35	<0.39	<0.35	1.1	<0.55	<0.37	<0.38	<0.36	3.3	<0.46	<0.59	<0.59	<0.50
SG-28	<0.41	<0.34	<0.36	<0.38	<0.36	<0.39	<0.36	<0.34	<0.56	<0.37	<0.38	<0.37	1.9	<0.46	<0.60	<0.60	<0.51
SG-29	0.61	<0.36	<0.38	2.1	<0.38	<0.41	<0.38	0.53	<0.59	<0.39	<0.40	<0.39	9.9	<0.49	<0.63	<0.63	<0.54
SG-30	לא נבדק	N.D.	לא נבדק	לא נבדק	לא נבדק	<LOQ	<LOQ	6.01	N.D.	N.D.	N.D.	N.D.	לא נבדק	N.D.	N.D.	N.D.	N.D.
SG-31	לא נבדק	N.D.	לא נבדק	לא נבדק	לא נבדק	5.51	<LOQ	17.09	N.D.	<LOQ	N.D.	N.D.	לא נבדק	N.D.	N.D.	N.D.	<LOQ
SG 32	3	<0.33	4.4	<0.37	0.57	0.88	0.59	3.1	0.81	<0.36	<0.37	<0.35	2.8	<0.45	<0.58	2	<0.49
SG-33	2.6	<0.31	<0.32	8.8	0.32	0.44	0.35	1.5	<0.50	<0.34	<0.34	<0.33	33	<0.42	<0.55	<0.55	<0.46
SG 34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SG 35	1.8	<0.26	2.2	0.79	1.8	0.88	1.2	4.5	<0.42	<0.28	<0.28	<0.27	67	<0.35	<0.45	2.9	<0.38
SG 36	0.9	<0.53	6.4	<0.59	0.65	1.1	0.76	4.9	4.5	<0.57	<0.59	<0.56	2.9	<0.72	<0.93	1.1	<0.79

Compound	n-Nonane	1,1,2,2-Tetrachloroethane	Cumene	alpha-Pinene	n-Propylbenzene	4-Ethyltoluene	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	Benzyl Chloride	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene	d-Limonene	1,2-Dibromo-3-chloropropane	1,2,4-Trichlorobenzene	Naphthalene	Hexachlorobutadiene
CAS no.	111-84-2	79-34-5	98-82-8	80-56-8	103-65-1	622-96-8	108-67-8	95-63-6	100-44-7	541-73-1	106-46-7	95-50-1	5989-27-5	96-12-8	120-82-1	91-20-3	87-68-3
TIER 1 [µg/m³]	2,781	6.45	55,619	N/A	139,048	N/A	8,343	8,343	7.64	N/A	34.03	27,810	#N/A	0.06	278	11.01	17.02
SG-36 dup	0.908	<0.53	6.54	<0.59	0.601	1.14	0.772	4.89	4.71	<0.57	<0.59	<0.56	2.64	<0.72	<0.93	1.03	<0.79
SG 37	<63	<52	<54	**75**	<54	<60	<54	**120**	<85	<56	<58	<56	<78	<71	<92	<92	<78
SG 38	<0.40	<0.34	<0.35	<0.37	<0.35	<0.39	<0.35	<0.34	<0.55	<0.36	<0.37	<0.36	**0.82**	<0.46	<0.59	<0.59	<0.50
SG-39	לא נבדק	N.D.	לא נבדק	לא נבדק	לא נבדק	N.D.	<LOQ	7.98	N.D.	N.D.	N.D.	N.D.	לא נבדק	N.D.	N.D.	N.D.	<LOQ
SG-49	**4.6**	<0.38	<0.39	<0.42	**0.41**	**0.65**	**0.58**	**2.6**	<0.62	<0.41	<0.42	<0.40	**2.3**	<0.51	<0.67	**0.75**	<0.56
SG-49 dup	4.81	<0.38	0.441	0.461	0.559	0.738	0.697	2.46	<0.62	<0.41	<0.42	<0.40	2.85	<0.51	<0.67	0.764	<0.56
SG 50	**0.66**	<0.34	<0.36	<0.38	<0.36	<0.39	<0.36	**1**	<0.56	<0.37	<0.38	<0.37	**2.9**	<0.46	<0.60	<0.60	<0.51
SG-51	**0.68**	<0.35	<0.37	**0.76**	**0.75**	**1**	**0.67**	**3.8**	<0.57	<0.38	<0.39	<0.38	**3**	<0.48	<0.62	**1.3**	<0.52
SG 52	<2.0	<1.7	<1.7	<1.9	<1.7	<1.9	<1.7	**2.4**	<2.7	<1.8	<1.9	<1.8	**14**	<2.3	<2.9	<2.9	<2.5
SG 55	<0.38	<0.31	<0.33	<0.35	**0.92**	**1.3**	**1.1**	**4.4**	<0.51	<0.34	<0.35	<0.33	**1.7**	<0.42	<0.55	**1.6**	<0.46
SG-56	**<0.38**	<0.32	<0.33	6.2	**<0.33**	<0.37	<0.33	<0.32	<0.52	<0.35	<0.35	<0.34	110	<0.43	<0.56	<0.56	<0.48
SG-57	<0.37	<0.31	1.2	**0.89**	**<0.32**	<0.36	<0.32	0.7	**<0.50**	<0.34	1.2	**<0.33**	5.2	<0.42	<0.55	1.7	**<0.46**
SG-58	<3.6	<3.0	<3.1	<3.3	<3.1	<3.4	<3.1	3.1	**<4.8**	<3.2	<3.3	<3.2	8.3	<4.0	<5.2	<5.2	<4.4
SG-58 DUP	<3.6	<3.0	<3.1	<3.3	<3.1	<3.4	<3.1	3.06	<4.8	<3.2	<3.3	<3.2	8.25	<4.0	<5.2	<5.2	<4.4
SG 59	<0.35	<0.29	<0.30	<0.32	**0.97**	**1.5**	**0.86**	**4.1**	<0.47	<0.31	<0.32	<0.31	**0.83**	<0.39	<0.51	**1.1**	<0.43
SG-60	**0.6**	<0.30	**1.2**	**2.5**	<0.31	<0.35	<0.31	**0.37**	<0.49	<0.33	<0.33	<0.32	**4.4**	<0.41	<0.53	<0.53	<0.45
SG 61	**0.43**	<0.25	<0.26	<0.28	<0.26	<0.29	<0.26	<0.25	<0.41	<0.27	<0.28	<0.27	<0.37	<0.34	<0.44	<0.44	<0.37
SG 62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SG 62 DUP	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SG 63	**1.7**	<0.28	<0.29	**16**	<0.29	<0.32	<0.29	**0.49**	<0.46	<0.30	<0.31	<0.30	**9**	<0.38	<0.49	<0.49	<0.42
SG 64	**3.4**	<0.32	**4.7**	<0.35	**0.57**	**0.89**	**0.56**	**3.1**	**0.79**	<0.34	<0.35	<0.34	**4**	<0.43	<0.56	**0.88**	<0.47
SG-65	**<0.43**	<0.36	0.99	<0.39	0.67	0.67	1.8	**4.2**	<0.58	<0.38	<0.39	<0.38	1.7	<0.48	<0.62	1	<0.53
SG 65 DUP	<0.43	<0.36	0.994	<0.39	0.672	0.672	1.77	4.24	<0.58	<0.38	<0.39	<0.38	1.71	<0.48	<0.62	1.04	<0.53
SG 71	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SG-72	<1.5	<1.2	**1.8**	**16**	<1.3	<1.4	<1.3	<1.2	<2.0	<1.3	<1.4	<1.3	**5.3**	<1.7	<2.2	<2.2	<1.8
SG 73	<1.5	<1.3	<1.3	<1.4	<1.3	<1.5	<1.3	**2.8**	<2.1	<1.4	<1.4	<1.4	**2.7**	<1.7	<2.2	<2.2	<1.9
SG 74	**0.45**	<0.32	<0.33	<0.35	<0.33	**0.58**	<0.33	**1.8**	<0.52	<0.35	<0.35	<0.34	**2.9**	<0.43	<0.56	<0.56	<0.48

Compound	n-Nonane	1,1,2,2-Tetrachloroethane	Cumene	alpha-Pinene	n-Propylbenzene	4-Ethyltoluene	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	Benzyl Chloride	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene	d-Limonene	1,2-Dibromo-3-chloropropan	1,2,4-Trichlorobenzene	Naphthalene	Hexachlorobutadiene
CAS no.	111-84-2	79-34-5	98-82-8	80-56-8	103-65-1	622-96-8	108-67-8	95-63-6	100-44-7	541-73-1	106-46-7	95-50-1	5989-27-5	96-12-8	120-82-1	91-20-3	87-68-3
TIER 1 [µg/m³]	2,781	6.45	55,619	N/A	139,048	N/A	8,343	8,343	7.64	N/A	34.03	27,810	#N/A	0.06	278	11.01	17.02
SG 75	<4.7	<3.9	<4.1	<4.3	<4.1	<4.5	<4.1	<3.9	<6.3	<4.2	<4.3	<4.2	<5.8	<5.3	<6.9	<6.9	<5.8
SG 77	1.4	<0.29	<0.30	<0.32	0.38	0.69	0.43	2.5	<0.47	<0.31	<0.32	<0.31	1.5	<0.39	<0.50	0.76	<0.43
SG-78	<0.44	<0.36	<0.38	<0.40	<0.38	<0.42	<0.38	<0.36	<0.59	<0.39	<0.40	<0.39	<0.54	<0.49	<0.64	<0.64	<0.54
SG-79	<0.36	<0.30	<0.31	<0.33	<0.31	<0.35	<0.31	0.51	<0.49	<0.33	<0.33	<0.32	1	<0.41	<0.53	<0.53	<0.45
SG-80	<0.40	<0.33	2.7	<0.37	<0.34	0.74	0.46	2.8	0.8	<0.36	1.4	<0.35	2.3	<0.45	<0.58	6.3	<0.49
SG-81	1.1	<0.31	<0.33	3.1	0.44	0.68	0.47	2.3	<0.51	<0.34	<0.35	<0.34	16	<0.43	<0.55	<0.55	<0.47
SG-89	3	<0.31	2.3	<0.34	0.46	0.75	0.46	2.6	<0.50	<0.33	<0.34	<0.33	2.2	<0.42	<0.54	0.78	<0.46
SG-90	0.74	<0.36	2.2	<0.40	<0.38	<0.41	<0.38	0.88	<0.59	<0.39	<0.40	<0.39	2	<0.49	<0.63	0.77	<0.54
SG-91	0.43	<0.30	<0.31	0.34	<0.31	<0.34	<0.31	1.3	<0.49	<0.32	<0.33	<0.32	1.4	<0.41	<0.53	<0.53	<0.45
SG-92	<0.52	<0.43	2.9	0.59	<0.45	<0.50	<0.45	0.67	1.7	<0.47	<0.48	<0.46	1.9	<0.59	<0.76	<0.76	<0.65
SG-93	10	<0.32	5.1	0.44	<0.33	<0.36	<0.33	1.2	0.99	<0.34	<0.35	<0.34	4	<0.43	<0.56	0.97	<0.47
SG 94	<0.39	<0.32	<0.34	<0.36	<0.34	0.39	0.34	1.4	<0.53	<0.35	<0.36	<0.35	4.4	<0.44	<0.57	<0.57	<0.48
SG-95	5.4	<0.52	7.4	<0.57	<0.54	<0.60	<0.54	0.85	2	<0.56	<0.57	<0.55	5	<0.70	<0.91	<0.91	<0.77
SG-96	<3.3	<2.8	7.3	<3.1	<2.9	<3.2	<2.9	4.4	<4.5	<3.0	<3.1	<2.9	8.3	<3.7	<4.8	<4.8	<4.1
SG 97	0.69	<0.30	2.2	<0.33	0.5	0.83	0.45	2.8	<0.49	<0.33	<0.33	<0.32	0.95	<0.41	<0.53	0.78	<0.45
SG 98	<0.34	<0.28	<0.30	<0.32	0.56	0.74	0.54	2.6	<0.46	<0.31	<0.32	<0.30	0.69	<0.39	<0.50	<0.50	<0.42
SG 99	2.3	<0.27	0.35	1.2	0.55	0.75	0.62	2.8	<0.44	<0.29	<0.30	<0.29	3.7	<0.37	<0.48	<0.48	<0.40
SG 100	13	<0.64	2.9	<0.71	<0.67	0.87	0.69	3	<1.0	<0.69	<0.71	<0.68	2.9	<0.87	<1.1	<1.1	<0.95
SG 101	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SG-103	6	<1.7	16	<1.8	<1.7	<1.9	<1.7	<1.7	4.7	<1.8	<1.8	<1.8	7.2	<2.3	<2.9	<2.9	<2.5
SG-103 dup	5.63	<1.7	15.5	<1.8	<1.7	<1.9	<1.7	<1.7	4.53	<1.8	<1.8	<1.8	7.17	<2.3	<2.9	<2.9	<2.5
SG 104	0.46	<0.31	3.1	<0.34	<0.32	0.4	<0.32	1.3	<0.50	<0.33	<0.34	<0.33	2	<0.42	<0.54	0.61	<0.46
SG 105	4.9	<0.52	2.7	<0.58	1.7	3.1	4.1	17	<0.85	<0.57	<0.58	<0.56	1.6	<0.71	<0.92	15	<0.78
SG 106	4.3	<0.29	0.41	<0.33	1.3	2.2	1.9	8.5	<0.48	<0.32	<0.33	<0.31	1.5	<0.40	<0.52	1.2	<0.44
SG 107	<0.39	<0.33	4.6	<0.36	0.59	1.1	0.72	3.4	<0.53	<0.35	<0.36	<0.35	2.3	<0.44	<0.57	0.65	<0.48
SG 108	<0.60	<0.50	5.4	<0.55	<0.52	0.8	<0.52	2.7	<0.81	<0.54	<0.55	<0.53	2.4	<0.68	<0.88	0.9	<0.74
SG 109	1.1	<0.33	<0.34	<0.36	0.74	1.3	1.1	5.5	<0.53	<0.35	<0.36	<0.35	1.8	<0.44	<0.57	0.81	<0.48

Compound	n-Nonane	1,1,2,2-Tetrachloroethane	Cumene	alpha-Pinene	n-Propylbenzene	4-Ethyltoluene	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	Benzyl Chloride	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene	d-Limonene	1,2-Dibromo-3-chloropropane	1,2,4-Trichlorobenzene	Naphthalene	Hexachlorobutadiene
CAS no.	**111-84-2**	**79-34-5**	**98-82-8**	**80-56-8**	**103-65-1**	**622-96-8**	**108-67-8**	**95-63-6**	**100-44-7**	**541-73-1**	**106-46-7**	**95-50-1**	**5989-27-5**	**96-12-8**	**120-82-1**	**91-20-3**	**87-68-3**
TIER 1 [µg/m³]	**2,781**	**6.45**	**55,619**	**N/A**	**139,048**	**N/A**	**8,343**	**8,343**	**7.64**	**N/A**	**34.03**	**27,810**	**#N/A**	**0.06**	**278**	**11.01**	**17.02**
SG 110	<0.35	<0.29	<0.30	<0.32	**0.47**	**0.88**	**0.63**	**3.1**	<0.47	<0.32	<0.32	<0.31	**4.8**	<0.40	<0.51	<0.51	<0.43
SG 111	**10**	<1.3	**11**	<1.4	<1.3	<1.5	<1.3	**3.6**	<2.1	<1.4	<1.4	<1.4	**11**	<1.7	<2.2	<2.2	<1.9
SG 111 DUP	10.1	<1.3	10.9	<1.4	<1.3	<1.5	<1.3	3.59	<2.1	<1.4	<1.4	<1.4	10.6	<1.7	<2.2	<2.2	<1.9
SG-112	<0.38	<0.31	<0.33	**0.41**	**0.89**	**1.2**	**0.92**	**4.3**	<0.51	<0.34	<0.35	<0.34	**1.4**	<0.43	<0.55	**5.1**	<0.47
SG 113	<3.8	<3.2	**6.7**	<3.5	<3.3	<3.7	<3.3	<3.2	<5.2	<3.5	<3.5	<3.4	<4.8	<4.3	<5.6	<5.6	<4.8
SG-114	<0.39	<0.33	<0.34	<0.36	**0.38**	**0.57**	**0.39**	**2.2**	<0.53	<0.35	<0.36	<0.35	**2**	<0.44	<0.58	<0.58	<0.49
SG-115	<0.41	<0.34	<0.35	<0.38	<0.35	**0.44**	<0.35	**1.2**	<0.55	<0.37	<0.38	<0.36	**2.2**	<0.46	<0.59	<0.59	<0.50
SG-116	**0.68**	<0.30	<0.31	<0.33	**0.67**	**1.2**	**0.8**	**4.4**	<0.48	<0.32	<0.33	<0.32	**4.4**	<0.40	<0.52	**1**	<0.44
SG 118	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SG 119	<0.39	<0.32	<0.34	<0.36	<0.34	<0.37	<0.34	<0.32	<0.53	<0.35	<0.36	<0.35	<0.48	<0.44	<0.57	<0.57	<0.48
SG 120	<0.37	<0.31	<0.32	<0.34	**0.4**	**0.54**	**0.33**	**1.8**	<0.50	<0.33	<0.34	<0.33	**1.8**	<0.42	<0.54	<0.54	<0.46
SG 121	**0.64**	<0.34	<0.35	**0.39**	<0.35	**0.39**	<0.35	**1.4**	<0.55	<0.37	<0.38	<0.36	**3.4**	<0.46	<0.59	<0.59	<0.50
SG 122	לא נבדק	ND	לא נבדק	לא נבדק	לא נבדק	ND	<LOQ	ND	ND	<LOQ	ND	N.D.	לא נבדק	N.D.	N.D.	N.D.	N.D.
SG-123	לא נבדק	ND	לא נבדק	לא נבדק	לא נבדק	ND	<LOQ	6.33	ND	<LOQ	ND	N.D.	לא נבדק	N.D.	N.D.	N.D.	N.D.
SG-124	**2.9**	<0.31	<0.32	<0.34	**0.42**	**0.42**	**0.37**	**1.4**	<0.50	<0.34	<0.34	<0.33	**1.8**	<0.42	<0.55	<0.55	<0.46
SG 126	לא נבדק	ND	לא נבדק	לא נבדק	לא נבדק	ND	<LOQ	ND	ND	<LOQ	ND	N.D.	לא נבדק	N.D.	N.D.	N.D.	N.D.
SG 127	לא נבדק	ND	לא נבדק	לא נבדק	לא נבדק	לא נבדק	ND	ND	ND	ND	ND	ND	לא נבדק	לא נבדק	ND	ND	ND
SG 128	לא נבדק	ND	לא נבדק	לא נבדק	לא נבדק	לא נבדק	ND	ND	ND	ND	ND	ND	לא נבדק	לא נבדק	ND	ND	ND
SG 129	**2.8**	<0.32	<0.33	**0.41**	**0.6**	**0.39**	<0.33	**1.1**	<0.52	<0.35	**2.7**	<0.34	**1.9**	<0.44	<0.57	**2.2**	<0.48
SG-130	לא נבדק	ND	לא נבדק	לא נבדק	לא נבדק	לא נבדק	ND	ND	ND	ND	ND	ND	לא נבדק	לא נבדק	ND	ND	ND
SG-131	לא נבדק	N.D.	לא נבדק	לא נבדק	לא נבדק	N.D.	N.D.	<LOQ	N.D.	<LOQ	N.D.	N.D.	לא נבדק	N.D.	N.D.	N.D.	N.D.
SG-134	לא נבדק	N.D.	לא נבדק	לא נבדק	לא נבדק	N.D.	N.D.	N.D.	N.D.	2.63	N.D.	N.D.	לא נבדק	N.D.	N.D.	N.D.	N.D.
SG 135	**1.3**	<0.30	<0.31	**0.6**	**0.59**	**1.2**	**0.86**	**4.5**	<0.48	<0.32	<0.33	<0.32	**3.4**	<0.40	<0.52	**1.1**	<0.44
SG-136	<1.4	<1.2	8.4	<1.3	<1.3	<1.4	<1.3	3.4	<2.0	<1.3	<1.3	<1.3	**6**	<1.6	<2.1	<2.1	<1.8
SG-138	**0.61**	<0.32	<0.33	**0.43**	<0.33	**0.4**	**0.46**	**2.2**	<0.52	<0.34	<0.35	<0.34	**1.6**	<0.43	<0.56	**0.88**	<0.47

Compound	n-Nonane	1,1,2,2-Tetrachloroethane	Cumene	alpha-Pinene	n-Propylbenzene	4-Ethyltoluene	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	Benzyl Chloride	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene	d-Limonene	1,2-Dibromo-3-chloropropan	1,2,4-Trichlorobenzene	Naphthalene	Hexachlorobutadiene
CAS no.	**111-84-2**	**79-34-5**	**98-82-8**	**80-56-8**	**103-65-1**	**622-96-8**	**108-67-8**	**95-63-6**	**100-44-7**	**541-73-1**	**106-46-7**	**95-50-1**	**5989-27-5**	**96-12-8**	**120-82-1**	**91-20-3**	**87-68-3**
TIER 1 [µg/m³]	**2,781**	**6.45**	**55,619**	**N/A**	**139,048**	**N/A**	**8,343**	**8,343**	**7.64**	**N/A**	**34.03**	**27,810**	**#N/A**	**0.06**	**278**	**11.01**	**17.02**
SG 139	<0.35	<0.29	**0.39**	<0.32	**0.96**	**1.2**	**3.1**	**11**	<0.47	<0.32	<0.32	<0.31	<0.43	<0.40	<0.51	**3**	<0.43
SG 140	<0.41	<0.34	<0.35	<0.38	<0.35	<0.39	<0.35	<0.34	<0.55	<0.37	<0.38	<0.36	<0.51	<0.46	<0.60	<0.60	<0.51
SG 141	<0.34	<0.29	<0.30	<0.32	<0.30	<0.33	<0.30	<0.29	<0.47	<0.31	<0.32	<0.31	<0.43	<0.39	<0.50	<0.50	<0.43
AB 23/12/2019	**1**	<0.36	<0.38	<0.40	<0.38	<0.41	<0.38	**1.3**	<0.59	<0.39	<0.40	<0.39	**1.9**	<0.49	<0.63	<0.63	<0.54
AB 22/4/2020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AB 31/12/2019	<0.32	<0.26	<0.28	**0.79**	<0.28	<0.30	<0.28	<0.26	<0.43	<0.29	<0.29	<0.28	<0.39	<0.36	<0.46	<0.46	<0.39
AB 26/5/20	<0.39	<0.33	<0.34	<0.36	<0.34	<0.38	<0.34	**0.57**	<0.53	<0.35	<0.36	<0.35	<0.49	<0.44	<0.58	<0.58	<0.49
AB 2/7/20	<0.33	<0.28	<0.29	**0.43**	<0.29	<0.32	<0.29	<0.28	<0.45	<0.30	<0.31	<0.30	**1.8**	<0.38	<0.49	<0.49	<0.41
AB 1/7/20	<0.38	<0.32	<0.33	**0.7**	<0.33	<0.36	<0.33	<0.32	<0.51	<0.34	<0.35	<0.34	<0.47	<0.43	<0.56	<0.56	<0.47
AB 30/6/20	**0.64**	<0.27	<0.28	**6.4**	<0.28	<0.31	<0.28	**0.8**	<0.44	<0.30	<0.30	<0.29	**2.5**	<0.37	<0.48	<0.48	<0.41
AB 8/7/20	<0.38	<0.32	<0.33	**0.88**	<0.33	<0.37	<0.33	<0.32	<0.52	<0.35	<0.35	<0.34	**1.1**	<0.43	<0.56	<0.56	<0.48

נספח 2

תוצאות מעבדה מלאות

CERTIFICATE OF ANALYSIS

Work Order	: **PR2047670**	Issue Date	: 01-Jun-2020
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: Blanket Quote KTE-148-20	Page	: 1 of 11
Order number	: ----	Date Samples Received	: 22-May-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Tel Hashomer	Date of test	: 22-May-2020 - 01-Jun-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

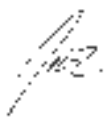
The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2047670/001,015, method S-TPHFID14 - contain(s) high-boiling hydrocarbons with retention time higher than retention time of C40.

Sample(s) PR2047670/004,010 method S-SMVGMS03, S-SVOCSUM01 - LOR for particular sample(s) raised due to matrix interference.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

Analytical Results

Sub-Matrix: **SOIL**

				Client sample ID	K11-0.5m		K11-1m		K11-2m	
				Laboratory sample ID	PR2047670-001		PR2047670-002		PR2047670-003	
				Client sampling date / time	20-May-2020		20-May-2020		20-May-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**88.7**	± 6.0%	**90.4**	± 6.0%	**92.9**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**14900**	± 20.0%	**7570**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**0.63**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**37.5**	± 20.0%	**23.3**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.420**	± 20.0%	**0.338**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**3.1**	± 20.0%	**1.6**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**7520**	± 20.0%	**1840**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**19.1**	± 20.0%	**10.7**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**7.26**	± 20.0%	**3.94**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**9.6**	± 20.0%	**5.3**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**16300**	± 20.0%	**8500**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**3.1**	± 20.0%	**1.3**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**7.8**	± 20.0%	**4.0**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**2390**	± 20.0%	**732**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**177**	± 20.0%	**129**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**12.4**	± 20.0%	**7.3**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**96.9**	± 20.0%	**55.3**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**927**	± 20.0%	**514**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**260**	± 20.0%	**282**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**108**	± 20.0%	**61**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**15.7**	± 20.0%	**6.39**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	**34**	± 20.0%	<30	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**694**	± 20.0%	**408**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**33.0**	± 20.0%	**16.9**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**19.0**	± 20.0%	**12.0**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**11.2**	± 20.0%	**6.8**	± 20.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**145**	± 30.0%	**----**	----	**----**	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	**47**	± 30.0%	**----**	----	**----**	----

Sub-Matrix: **SOIL**

				Client sample ID	K11-3m		K8-0.5m		K8-1m	
				Laboratory sample ID	PR2047670-004		PR2047670-005		PR2047670-006	
				Client sampling date / time	20-May-2020		20-May-2020		20-May-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	<1.00	----	**----**	----	**----**	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1.0	mg/kg DW	<6.7	----	**----**	----	**----**	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**94.9**	± 6.0%	**91.6**	± 6.0%	**94.3**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----

Sub-Matrix: **SOIL**				Client sample ID	K11-3m		K8-0.5m		K8-1m	
				Laboratory sample ID	PR2047670-004		PR2047670-005		PR2047670-006	
				Client sampling date / time	20-May-2020		20-May-2020		20-May-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
BTEX										
Benzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Ethylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
meta- & para-Xylene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Toluene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
ortho-Xylene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Halogenated Volatile Organic Compounds										
1.1.1.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
1.1.1-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
1.1.2.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
1.1.2-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
1.1-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
1.1-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
1.1-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
1.2.3-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW		<10	----	----	----	----	----
1.2.3-Trichloropropane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
1.2.4-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW		<10	----	----	----	----	----
1.2-Dibromo-3-chloropropane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
1.2-Dibromoethane (EDB)	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
1.2-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
1.2-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
1.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
1.3-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
1.3-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
1.4-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
2.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
2-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
4-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Bromobenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW		<0.100	----	----	----	----	----
Bromochloromethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW		<0.100	----	----	----	----	----
Bromodichloromethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Bromoform	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Bromomethane	S-VOCGMS06	10	µg/kg DW		<10	----	----	----	----	----
Chlorobenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Chloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Chloroform	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Chloromethane	S-VOCGMS06	10	µg/kg DW		<10	----	----	----	----	----
cis-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
cis-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Dibromochloromethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Dibromomethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Dichlorodifluoromethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Dichloromethane	S-VOCGMS06	10	µg/kg DW		<10	----	----	----	----	----
Hexachlorobutadiene	S-VOCGMS06	10	µg/kg DW		<10	----	----	----	----	----
Tetrachloroethene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Tetrachloromethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
trans-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
trans-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Trichloroethene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Vinyl chloride	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Non-Halogenated Volatile Organic Compounds										
1.2.4-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
1.3.5-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
2-Butanone (MEK)	S-VOCGMS06	10	µg/kg DW		<10	----	----	----	----	----
Isopropylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Methyl isobutyl ketone	S-VOCGMS06	10	µg/kg DW		<10	----	----	----	----	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----

Sub-Matrix: **SOIL**				Client sample ID	K11-3m		K8-0.5m		K8-1m	
				Laboratory sample ID	PR2047670-004		PR2047670-005		PR2047670-006	
				Client sampling date / time	20-May-2020		20-May-2020		20-May-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Non-Halogenated Volatile Organic Compounds - Continued									
n-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
n-Propylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
p-Isopropyltoluene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
sec-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Styrene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
tert-Butyl alcohol	S-VOCGMS06	10	µg/kg DW	**10**	± 30.0%	**----**	----	**----**	----
tert-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	<0.040	----	**----**	----	**----**	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	<0.040	----	**----**	----	**----**	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	<0.040	----	**----**	----	**----**	----
Naphthalene	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	<0.040	----	**----**	----	**----**	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.040	----	**----**	----	**----**	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.040	----	**----**	----	**----**	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.040	----	**----**	----	**----**	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.040	----	**----**	----	**----**	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	<0.040	----	**----**	----	**----**	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.040	----	**----**	----	**----**	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.040	----	**----**	----	**----**	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.040	----	**----**	----	**----**	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.040	----	**----**	----	**----**	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.040	----	**----**	----	**----**	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	<0.040	----	**----**	----	**----**	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	<1.00	----	**----**	----	**----**	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	<2.00	----	**----**	----	**----**	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	<2.00	----	**----**	----	**----**	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	<2.00	----	**----**	----	**----**	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K11-3m		K8-0.5m		K8-1m	
				Laboratory sample ID	PR2047670-004		PR2047670-005		PR2047670-006	
				Client sampling date / time	20-May-2020		20-May-2020		20-May-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Chlorophenols - Continued									
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	<0.040	----	**----**	----	**----**	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	<0.005	----	**----**	----	**----**	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	<1.00	----	**----**	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K9-0.5m		K9-1m		K9-2m	
				Laboratory sample ID	PR2047670-007		PR2047670-008		PR2047670-009	
				Client sampling date / time	20-May-2020		20-May-2020		20-May-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**88.4**	± 6.0%	**92.2**	± 6.0%	**95.7**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**----**	----	**10600**	± 20.0%	**4320**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	**1.07**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**----**	----	**31.3**	± 20.0%	**12.2**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**----**	----	**0.335**	± 20.0%	**0.153**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**----**	----	**2.7**	± 20.0%	**1.3**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**----**	----	**6360**	± 20.0%	**4460**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**----**	----	**15.2**	± 20.0%	**6.42**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**----**	----	**3.74**	± 20.0%	**1.70**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**----**	----	**4.9**	± 20.0%	**2.0**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**----**	----	**10100**	± 20.0%	**4000**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**----**	----	**1.8**	± 20.0%	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**----**	----	**6.6**	± 20.0%	**2.5**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**1270**	± 20.0%	**1620**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**----**	----	**127**	± 20.0%	**59.7**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	**----**	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	**----**	----	<0.40	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**----**	----	**9.7**	± 20.0%	**4.0**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**----**	----	**57.3**	± 20.0%	**28.8**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**656**	± 20.0%	**275**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	**----**	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**----**	----	**232**	± 20.0%	**277**	± 20.0%

Sub-Matrix: **SOIL**				Client sample ID	K9-0.5m		K9-1m		K9-2m	
				Laboratory sample ID	PR2047670-007		PR2047670-008		PR2047670-009	
				Client sampling date / time	20-May-2020		20-May-2020		20-May-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Silver	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**----**	----	**90**	± 20.0%	**55**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**18.1**	± 20.0%	**9.60**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**----**	----	<30	----	<30	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	**----**	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	**----**	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	**----**	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**----**	----	**415**	± 20.0%	**150**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**----**	----	**19.6**	± 20.0%	**7.52**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**----**	----	**12.4**	± 20.0%	**5.9**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	**----**	----	**8.5**	± 20.0%	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	**----**	----	**----**	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K9-3m		K6-2m		K6-3m	
				Laboratory sample ID	PR2047670-010		PR2047670-011		PR2047670-012	
				Client sampling date / time	20-May-2020		20-May-2020		20-May-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	<1.00	----	**----**	----	**----**	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1.0	mg/kg DW	<6.7	----	**----**	----	**----**	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**95.3**	± 6.0%	**92.3**	± 6.0%	**88.0**	± 6.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----
BTEX									
Benzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Ethylbenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
meta- & para-Xylene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Toluene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
ortho-Xylene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
Halogenated Volatile Organic Compounds									
1.1.1.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.1-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2.3-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
1.2.3-Trichloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2.4-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW	<10	----	**----**	----	**----**	----
1.2-Dibromo-3-chloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2-Dibromoethane (EDB)	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.3-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.3-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
1.4-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
2.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
2-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----
4-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW	<5.0	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K9-3m		K6-2m		K6-3m	
				Laboratory sample ID	PR2047670-010		PR2047670-011		PR2047670-012	
				Client sampling date / time	20-May-2020		20-May-2020		20-May-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued										
Bromobenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW		<0.100	----	----	----	----	----
Bromochloromethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW		<0.100	----	----	----	----	----
Bromodichloromethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Bromoform	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Bromomethane	S-VOCGMS06	10	µg/kg DW		<10	----	----	----	----	----
Chlorobenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Chloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Chloroform	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Chloromethane	S-VOCGMS06	10	µg/kg DW		<10	----	----	----	----	----
cis-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
cis-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Dibromochloromethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Dibromomethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Dichlorodifluoromethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Dichloromethane	S-VOCGMS06	10	µg/kg DW		<10	----	----	----	----	----
Hexachlorobutadiene	S-VOCGMS06	10	µg/kg DW		<10	----	----	----	----	----
Tetrachloroethene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Tetrachloromethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
trans-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
trans-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Trichloroethene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Vinyl chloride	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Non-Halogenated Volatile Organic Compounds										
1.2.4-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
1.3.5-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
2-Butanone (MEK)	S-VOCGMS06	10	µg/kg DW		<10	----	----	----	----	----
Isopropylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Methyl isobutyl ketone	S-VOCGMS06	10	µg/kg DW		<10	----	----	----	----	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
n-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
n-Propylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
p-Isopropyltoluene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
sec-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Styrene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
tert-Butyl alcohol	S-VOCGMS06	10	µg/kg DW		<10	----	----	----	----	----
tert-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	----	----	----	----
Aromatic Compounds										
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW		<0.100	----	----	----	----	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW		<0.100	----	----	----	----	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW		<0.100	----	----	----	----	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW		<0.100	----	----	----	----	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW		<0.100	----	----	----	----	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW		<0.100	----	----	----	----	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW		<0.100	----	----	----	----	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW		<0.100	----	----	----	----	----
Polycyclic Aromatics Hydrocarbons (PAHs)										
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW		<0.040	----	----	----	----	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW		<0.040	----	----	----	----	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW		<0.040	----	----	----	----	----
Naphthalene	S-VOCGMS06	10	µg/kg DW		<10	----	----	----	----	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW		<0.040	----	----	----	----	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW		<0.040	----	----	----	----	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW		<0.040	----	----	----	----	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW		<0.040	----	----	----	----	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW		<0.040	----	----	----	----	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW		<0.040	----	----	----	----	----

Sub-Matrix: **SOIL**				Client sample ID	K9-3m		K6-2m		K6-3m	
				Laboratory sample ID	PR2047670-010		PR2047670-011		PR2047670-012	
				Client sampling date / time	20-May-2020		20-May-2020		20-May-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Polycyclic Aromatics Hydrocarbons (PAHs) - Continued									
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.040	----	**----**	----	**----**	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.040	----	**----**	----	**----**	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.040	----	**----**	----	**----**	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.040	----	**----**	----	**----**	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.040	----	**----**	----	**----**	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	<0.040	----	**----**	----	**----**	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	<1.00	----	**----**	----	**----**	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	<2.00	----	**----**	----	**----**	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	<2.00	----	**----**	----	**----**	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	<2.00	----	**----**	----	**----**	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	<0.040	----	**----**	----	**----**	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	**----**	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	<0.005	----	**----**	----	**----**	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	<1.00	----	**----**	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	<0.100	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**	Client sample ID	**TB**	**K11-0.5m-DUP**	**----**

Sub-Matrix: **SOIL**				Client sample ID	**TB**		**K11-0.5m-DUP**		**----**	
				Laboratory sample ID	*PR2047670-014*		*PR2047670-015*		----	
				Client sampling date / time	20-May-2020		20-May-2020		----	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**----**	----	**95.4**	± 6.0%	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		**----**	----	**92**	± 30.0%	**----**	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		**----**	----	**38**	± 30.0%	**----**	----
BTEX										
Benzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Ethylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
meta- & para-Xylene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Toluene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
ortho-Xylene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Halogenated Volatile Organic Compounds										
1.1.1.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.1-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.1-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.1-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.2.3-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW		<10	----	**----**	----	**----**	----
1.2.3-Trichloropropane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.2.4-Trichlorobenzene	S-VOCGMS06	10	µg/kg DW		<10	----	**----**	----	**----**	----
1.2-Dibromo-3-chloropropane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.2-Dibromoethane (EDB)	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.2-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.2-Dichloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.3-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.3-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.4-Dichlorobenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
2.2-Dichloropropane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
2-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
4-Chlorotoluene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Bromobenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Bromochloromethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Bromodichloromethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Bromoform	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Bromomethane	S-VOCGMS06	10	µg/kg DW		<10	----	**----**	----	**----**	----
Chlorobenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Chloroethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Chloroform	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Chloromethane	S-VOCGMS06	10	µg/kg DW		<10	----	**----**	----	**----**	----
cis-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
cis-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Dibromochloromethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Dibromomethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Dichlorodifluoromethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Dichloromethane	S-VOCGMS06	10	µg/kg DW		<10	----	**----**	----	**----**	----
Hexachlorobutadiene	S-VOCGMS06	10	µg/kg DW		<10	----	**----**	----	**----**	----
Tetrachloroethene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Tetrachloromethane	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
trans-1.2-Dichloroethene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
trans-1.3-Dichloropropene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Trichloroethene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Vinyl chloride	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Non-Halogenated Volatile Organic Compounds										
1.2.4-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
1.3.5-Trimethylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
2-Butanone (MEK)	S-VOCGMS06	10	µg/kg DW		<10	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**TB**		**K11-0.5m-DUP**		**----**	
				Laboratory sample ID	*PR2047670-014*		*PR2047670-015*		----	
				Client sampling date / time	20-May-2020		20-May-2020		----	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Non-Halogenated Volatile Organic Compounds - Continued										
Isopropylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Methyl isobutyl ketone	S-VOCGMS06	10	µg/kg DW		<10	----	**----**	----	**----**	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
n-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
n-Propylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
p-Isopropyltoluene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
sec-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Styrene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
tert-Butyl alcohol	S-VOCGMS06	10	µg/kg DW		**104**	± 30.0%	**----**	----	**----**	----
tert-Butylbenzene	S-VOCGMS06	5.0	µg/kg DW		<5.0	----	**----**	----	**----**	----
Polycyclic Aromatics Hydrocarbons (PAHs)										
Naphthalene	S-VOCGMS06	10	µg/kg DW		<10	----	**----**	----	**----**	----

Sub-Matrix: **WATER**				Client sample ID	**FB**		**----**		**----**	
				Laboratory sample ID	*PR2047670-013*		----		----	
				Client sampling date / time	20-May-2020		----		----	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Total Metals / Major Cations										
Aluminium	W-METAXDG1	0.010	mg/L		**0.055**	± 10.0%	**----**	----	**----**	----
Antimony	W-METAXDG1	0.020	mg/L		<0.020	----	**----**	----	**----**	----
Arsenic	W-METAXDG1	0.010	mg/L		<0.010	----	**----**	----	**----**	----
Barium	W-METAXDG1	0.00050	mg/L		**0.0559**	± 10.0%	**----**	----	**----**	----
Beryllium	W-METAXDG1	0.00020	mg/L		<0.00020	----	**----**	----	**----**	----
Bismuth	W-METAXDG2	0.010	mg/L		<0.010	----	**----**	----	**----**	----
Boron	W-METAXDG1	0.010	mg/L		**0.096**	± 10.0%	**----**	----	**----**	----
Cadmium	W-METAXDG1	0.0020	mg/L		<0.0020	----	**----**	----	**----**	----
Calcium	W-METAXDG1	0.050	mg/L		**47.3**	± 10.0%	**----**	----	**----**	----
Chromium	W-METAXDG1	0.0020	mg/L		<0.0020	----	**----**	----	**----**	----
Cobalt	W-METAXDG1	0.0020	mg/L		<0.0020	----	**----**	----	**----**	----
Copper	W-METAXDG1	0.0020	mg/L		<0.0020	----	**----**	----	**----**	----
Iron	W-METAXDG1	0.0050	mg/L		**0.0098**	± 10.0%	**----**	----	**----**	----
Lead	W-METAXDG1	0.010	mg/L		<0.010	----	**----**	----	**----**	----
Lithium	W-METAXDG1	0.0020	mg/L		**0.0185**	± 10.0%	**----**	----	**----**	----
Magnesium	W-METAXDG1	0.020	mg/L		**32.2**	± 10.0%	**----**	----	**----**	----
Manganese	W-METAXDG1	0.00050	mg/L		**0.00087**	± 10.0%	**----**	----	**----**	----
Mercury	W-METAXDG1	0.010	mg/L		<0.010	----	**----**	----	**----**	----
Molybdenum	W-METAXDG1	0.0030	mg/L		<0.0030	----	**----**	----	**----**	----
Nickel	W-METAXDG1	0.0050	mg/L		<0.0050	----	**----**	----	**----**	----
Phosphorus	W-METAXDG1	0.050	mg/L		<0.050	----	**----**	----	**----**	----
Potassium	W-METAXDG1	0.015	mg/L		**7.86**	± 10.0%	**----**	----	**----**	----
Selenium	W-METAXDG1	0.030	mg/L		<0.030	----	**----**	----	**----**	----
Silicon	W-METAXDG2	0.60	mg/L		**4.48**	± 10.0%	**----**	----	**----**	----
Silver	W-METAXDG1	0.0050	mg/L		<0.0050	----	**----**	----	**----**	----
Sodium	W-METAXDG1	0.030	mg/L		**128**	± 10.0%	**----**	----	**----**	----
Strontium	W-METAXDG2	0.0010	mg/L		**0.594**	± 10.0%	**----**	----	**----**	----
Sulphur	W-METAXDG2	0.10	mg/L		**17.7**	± 10.0%	**----**	----	**----**	----
Tellurium	W-METAXDG2	0.050	mg/L		<0.050	----	**----**	----	**----**	----
Thallium	W-METAXDG1	0.010	mg/L		<0.010	----	**----**	----	**----**	----
Tin	W-METAXDG2	0.010	mg/L		<0.010	----	**----**	----	**----**	----
Titanium	W-METAXDG2	0.0010	mg/L		<0.0010	----	**----**	----	**----**	----
Vanadium	W-METAXDG1	0.0020	mg/L		<0.0020	----	**----**	----	**----**	----
Zinc	W-METAXDG1	0.0030	mg/L		**0.0976**	± 10.0%	**----**	----	**----**	----
Zirconium	W-METAXDG2	0.0010	mg/L		<0.0010	----	**----**	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	W-TPHFID14	30	µg/L		<30	----	**----**	----	**----**	----
C10 - C28 Fraction (DRO)	W-TPHFID14	35	µg/L		<35	----	**----**	----	**----**	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.
Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
S-CLPGMS01	CZ_SOP_D06_03_158 - except chap. 9.1, 9.2 a 9.4 (US EPA 8041, US EPA 3500, DIN ISO 14154) Determination of phenols, chlorinated phenols and cresols by gas chromatography method with detection MS and calculation of phenols, chlorinated phenols and cresols sums from measured values
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.
S-METAXHB1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-METAXHB2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-SMVGMS03	CZ_SOP_D06_03_161 (US EPA 8270D, US EPA 8082A, CSN EN 15527, ISO 18287, ISO 10382, CSN EN 15308, samples preparation as per CZ_SOP_D06_03_P01, chap. 9.2, 9.3, 9.4.2, US EPA 3546). Determination of semi volatile organic compounds by gas chromatography method with MS or MS/MS detection and calculation of semi volatile organic compounds sums from measured values
S-SVOCSUM01	CZ_SOP_D06_03_J02 Calculation of sums for parameters of organic chemistry method.
S-TPHFID14	CZ_SOP_D06_03_150 (CSN EN 14039, CSN EN ISO 16703, CSN P CEN ISO 16558-2, US EPA 8015, US EPA 3550, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection
S-VOCGMS06	CZ_SOP_D06_03_155 except chap. 10.4 (US EPA 8260, US EPA 5021A, US EPA 5021, US EPA 8015, CSN EN ISO 22155, CSN EN ISO 15009, CSN EN ISO 16558-1, MADEP 2004, rev. 1.1) Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values.
W-METAXDG1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, CSN EN 16192, US EPA 6010, SM 3120, CSN 75 7358, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values including the calculation of total mineralization and calculating the sum of Ca+Mg. Sample was homogenized and mineralized by nitric acid in autoclave under high pressure and temperature prior to analysis.
W-METAXDG2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, CSN EN 16192, US EPA 6010, SM 3120, CSN 75 7358, samples prepared as per CZ_SOP_D06_02_J02 chap. 10.1 and 10.2) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values including the calculation of total mineralization and calculating the sum of Ca+Mg. Sample was homogenized and mineralized by nitric acid in autoclave under high pressure and temperature prior to analysis.
W-TPHFID14	CZ_SOP_D06_03_151 (CSN EN ISO 9377-2, US EPA 8015, US EPA 3510, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection

Preparation Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
* S-PPHOM2	Drying and sieving of sample on the grain size < 2 mm

A `*` symbol preceding any method indicates laboratory or subcontractor non-accredited test. In the case when a procedure belonging to an accredited method was used for non-accredited matrix, would apply that the reported results are non-accredited. Please refer to General Comment section on front page for information. If the report contains subcontracted analysis, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.
The calculation methods of summation parameters are available on request in the client service.

CERTIFICATE OF ANALYSIS

Work Order	: **PR2051413**	Issue Date	: 09-Jun-2020
Customer	: **KTE Co.**	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Eyal Shvartz	Contact	: Client Service
Address	: Hameginim Ave. 53 3326518 Haifa	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: eyal@kte.co.il	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: Blanket Quote KTE-158-20	Page	: 1 of 14
Order number	: ----	Date Samples Received	: 02-Jun-2020
		Quote number	: PR2014KTEKA-IL0454 (CZ-201-14-1156)
Site	: Tel Hashomer	Date of test	: 03-Jun-2020 - 09-Jun-2020
Sampled by	: client	QC Level	: ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory.

The laboratory declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

Sample(s) PR2051413/001,003,005,010,012, method S-TPHFID14 - contain(s) high-boiling hydrocarbons with retention time higher than retention time of C40.

Sample(s) PR2051413/004, method S-CLPGMS01 - LOR for particular sample(s) raised due to matrix interference.

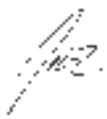
Sample(s) PR2051413/004, 007, 009, 011, method S-SVOCSUM01 - LOR for particular sample(s) raised due to matrix interference.

Sample(s) PR2051413/012, method S-METAXHB1, HB2 the results were reported as the average of 3 independent measurements.

Sample(s) PR2051413/001,012, method S-TPHFID14 - results are the average of multiple (4 times) determination - non-homogeneous sample(s).

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories		*Position*
Zdeněk Jirák		Environmental Business Unit Manager

Analytical Results

Sub-Matrix: **SOIL**

				Client sample ID	K3-0.5m		K3-3m		K4-0.5m	
				Laboratory sample ID	PR2051413-001		PR2051413-002		PR2051413-003	
				Client sampling date / time	27-May-2020		27-May-2020		27-May-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**93.2**	± 6.0%	**96.2**	± 6.0%	**96.8**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**11600**	± 20.0%	**3880**	± 20.0%	**7660**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW		<0.50	----	<0.50	----	**0.76**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW		**34.7**	± 20.0%	**20.2**	± 20.0%	**17.4**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.350**	± 20.0%	**0.160**	± 20.0%	**0.250**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW		**2.4**	± 20.0%	<1.0	----	**1.5**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	<0.40	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW		**2220**	± 20.0%	**784**	± 20.0%	**2130**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW		**18.0**	± 20.0%	**6.23**	± 20.0%	**12.2**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW		**5.29**	± 20.0%	**2.00**	± 20.0%	**5.02**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW		**8.6**	± 20.0%	**2.7**	± 20.0%	**4.8**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW		**11800**	± 20.0%	**4180**	± 20.0%	**8160**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW		**2.1**	± 20.0%	**1.1**	± 20.0%	**1.6**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW		**5.6**	± 20.0%	**2.3**	± 20.0%	**4.2**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW		**1660**	± 20.0%	**531**	± 20.0%	**994**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW		**193**	± 20.0%	**146**	± 20.0%	**150**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	<0.40	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**11.2**	± 20.0%	**5.5**	± 20.0%	**8.3**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**53.0**	± 20.0%	**31.2**	± 20.0%	**44.0**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW		**1050**	± 20.0%	**359**	± 20.0%	**609**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW		**291**	± 20.0%	**312**	± 20.0%	**276**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW		**40**	± 20.0%	**15**	± 20.0%	**19**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW		**8.94**	± 20.0%	**4.69**	± 20.0%	**8.52**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW		<30	----	<30	----	<30	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**580**	± 20.0%	**258**	± 20.0%	**388**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW		**20.9**	± 20.0%	**8.27**	± 20.0%	**16.2**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW		**19.0**	± 20.0%	**9.6**	± 20.0%	**12.2**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW		**11.3**	± 20.0%	<5.0	----	**8.0**	± 20.0%
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		**83**	± 30.0%	<10	----	**32**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		**12**	± 30.0%	<12	----	<12	----

Sub-Matrix: **SOIL**

				Client sample ID	K4-3m		K2-0.5m		K2-2m	
				Laboratory sample ID	PR2051413-004		PR2051413-005		PR2051413-006	
				Client sampling date / time	27-May-2020		27-May-2020		27-May-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites										
Dinoseb	S-SMVGMS03	0.50	mg/kg DW		<0.50	----	**----**	----	**----**	----
Other										
Total SVOC IL (M4)	S-SVOCSUM01	1.0	mg/kg DW		<3.4	----	**----**	----	**----**	----
Physical Parameters										
Dry matter @ 105°C	S-DRY-GRCI	0.10	%		**95.0**	± 6.0%	**97.2**	± 6.0%	**97.5**	± 6.0%
Extractable Metals / Major Cations										
Aluminium	S-METAXHB2	1.0	mg/kg DW		**4110**	± 20.0%	**4040**	± 20.0%	**----**	----
Antimony	S-METAXHB1	0.50	mg/kg DW		<0.50	----	<0.50	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K4-3m		K2-0.5m		K2-2m	
				Laboratory sample ID	PR2051413-004		PR2051413-005		PR2051413-006	
				Client sampling date / time	27-May-2020		27-May-2020		27-May-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued										
Arsenic	S-METAXHB1	0.50	mg/kg DW		**0.53**	± 20.0%	**0.65**	± 20.0%	**----**	----
Barium	S-METAXHB1	0.20	mg/kg DW		**14.5**	± 20.0%	**13.7**	± 20.0%	**----**	----
Beryllium	S-METAXHB1	0.010	mg/kg DW		**0.138**	± 20.0%	**0.158**	± 20.0%	**----**	----
Bismuth	S-METAXHB2	1.0	mg/kg DW		<1.0	----	<1.0	----	**----**	----
Boron	S-METAXHB2	1.0	mg/kg DW		<1.0	----	**1.0**	± 20.0%	**----**	----
Cadmium	S-METAXHB1	0.40	mg/kg DW		<0.40	----	<0.40	----	**----**	----
Calcium	S-METAXHB2	50	mg/kg DW		**516**	± 20.0%	**2880**	± 20.0%	**----**	----
Chromium	S-METAXHB1	0.50	mg/kg DW		**7.05**	± 20.0%	**7.89**	± 20.0%	**----**	----
Cobalt	S-METAXHB1	0.20	mg/kg DW		**2.37**	± 20.0%	**2.33**	± 20.0%	**----**	----
Copper	S-METAXHB1	1.0	mg/kg DW		**2.7**	± 20.0%	**3.4**	± 20.0%	**----**	----
Iron	S-METAXHB1	10	mg/kg DW		**4620**	± 20.0%	**4690**	± 20.0%	**----**	----
Lead	S-METAXHB1	1.0	mg/kg DW		<1.0	----	**1.7**	± 20.0%	**----**	----
Lithium	S-METAXHB1	1.0	mg/kg DW		**2.0**	± 20.0%	**2.3**	± 20.0%	**----**	----
Magnesium	S-METAXHB2	5.0	mg/kg DW		**567**	± 20.0%	**745**	± 20.0%	**----**	----
Manganese	S-METAXHB1	0.50	mg/kg DW		**93.0**	± 20.0%	**90.4**	± 20.0%	**----**	----
Mercury	S-METAXHB1	0.20	mg/kg DW		<0.20	----	<0.20	----	**----**	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW		<0.40	----	<0.40	----	**----**	----
Nickel	S-METAXHB1	1.0	mg/kg DW		**4.5**	± 20.0%	**4.6**	± 20.0%	**----**	----
Phosphorus	S-METAXHB1	5.0	mg/kg DW		**25.1**	± 20.0%	**54.0**	± 20.0%	**----**	----
Potassium	S-METAXHB2	5.0	mg/kg DW		**373**	± 20.0%	**409**	± 20.0%	**----**	----
Selenium	S-METAXHB2	2.0	mg/kg DW		<2.0	----	<2.0	----	**----**	----
Silicon	S-METAXHB2	50	mg/kg DW		**268**	± 20.0%	**260**	± 20.0%	**----**	----
Silver	S-METAXHB1	0.50	mg/kg DW		<0.50	----	<0.50	----	**----**	----
Sodium	S-METAXHB2	15	mg/kg DW		**19**	± 20.0%	**20**	± 20.0%	**----**	----
Strontium	S-METAXHB1	0.10	mg/kg DW		**3.95**	± 20.0%	**7.39**	± 20.0%	**----**	----
Sulphur	S-METAXHB2	30	mg/kg DW		<30	----	**45**	± 20.0%	**----**	----
Tellurium	S-METAXHB2	1.0	mg/kg DW		<1.0	----	<1.0	----	**----**	----
Thallium	S-METAXHB1	0.50	mg/kg DW		<0.50	----	<0.50	----	**----**	----
Tin	S-METAXHB1	1.0	mg/kg DW		<1.0	----	<1.0	----	**----**	----
Titanium	S-METAXHB2	0.20	mg/kg DW		**265**	± 20.0%	**194**	± 20.0%	**----**	----
Vanadium	S-METAXHB1	0.10	mg/kg DW		**9.32**	± 20.0%	**9.82**	± 20.0%	**----**	----
Zinc	S-METAXHB1	3.0	mg/kg DW		**7.6**	± 20.0%	**12.7**	± 20.0%	**----**	----
Zirconium	S-METAXHB2	5.0	mg/kg DW		**5.5**	± 20.0%	<5.0	----	**----**	----
Total Petroleum Hydrocarbons										
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW		<10	----	**60**	± 30.0%	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW		<12	----	<12	----	<12	----
BTEX										
Toluene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	**----**	----	**----**	----
Benzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW		<0.20	----	**----**	----	**----**	----
Halogenated Volatile Organic Compounds										
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	**----**	----	**----**	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	**----**	----	**----**	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	**----**	----	**----**	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	**----**	----	**----**	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW		<0.20	----	**----**	----	**----**	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	**----**	----	**----**	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW		<0.20	----	**----**	----	**----**	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	**----**	----	**----**	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	**----**	----	**----**	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	**----**	----	**----**	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	**----**	----	**----**	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	**----**	----	**----**	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K4-3m		K2-0.5m		K2-2m	
				Laboratory sample ID	PR2051413-004		PR2051413-005		PR2051413-006	
				Client sampling date / time	27-May-2020		27-May-2020		27-May-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued										
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	----	----	----	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	----	----	----	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	----	----	----	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	----	----	----	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	----	----	----	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW		<1.0	----	----	----	----	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	----	----	----	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
Non-Halogenated Volatile Organic Compounds										
Styrene	S-VOCGMS05	0.050	mg/kg DW		<0.050	----	----	----	----	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW		<0.80	----	----	----	----	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW		<1.0	----	----	----	----	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW		<1.50	----	----	----	----	----
Aromatic Compounds										
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Polycyclic Aromatics Hydrocarbons (PAHs)										
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Naphthalene	S-VOCGMS05	0.10	mg/kg DW		<0.10	----	----	----	----	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----

Sub-Matrix: **SOIL**				Client sample ID	K4-3m		K2-0.5m		K2-2m	
				Laboratory sample ID	PR2051413-004		PR2051413-005		PR2051413-006	
				Client sampling date / time	27-May-2020		27-May-2020		27-May-2020	
Parameter	*Method*	*LOR*	*Unit*		**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Polycyclic Aromatics Hydrocarbons (PAHs) - Continued										
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW		<0.020	----	----	----	----	----
Chlorinated Hydrocarbons										
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Nitrosoamines										
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Anilines										
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Aniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW		<0.50	----	----	----	----	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Nitroaromatic Compounds										
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW		<1.00	----	----	----	----	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW		<1.00	----	----	----	----	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW		<1.00	----	----	----	----	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Chlorophenols										
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	----	----	----	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	----	----	----	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW		<0.040	----	----	----	----	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	----	----	----	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW		<0.020	----	----	----	----	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW		<0.010	----	----	----	----	----
Cresols, Phenols and Naphtols										
Phenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Phthalates										
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----
Aldehydes / Ketones										
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW		<0.50	----	----	----	----	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW		<0.050	----	----	----	----	----

Sub-Matrix: SOIL				Client sample ID	K4-3m		K2-0.5m		K2-2m	
				Laboratory sample ID	PR2051413-004		PR2051413-005		PR2051413-006	
				Client sampling date / time	27-May-2020		27-May-2020		27-May-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Aldehydes / Ketones - Continued									
Isophorone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	**----**	----

Sub-Matrix: SOIL				Client sample ID	K2-3m		K1-0.5m		K1-3m	
				Laboratory sample ID	PR2051413-007		PR2051413-008		PR2051413-009	
				Client sampling date / time	27-May-2020		27-May-2020		27-May-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1.0	mg/kg DW	<3.4	----	**----**	----	<3.4	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**96.1**	± 6.0%	**94.9**	± 6.0%	**95.8**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**5400**	± 20.0%	**6100**	± 20.0%	**3360**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**0.56**	± 20.0%	**1.13**	± 20.0%	**0.66**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**19.4**	± 20.0%	**16.3**	± 20.0%	**12.8**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.199**	± 20.0%	**0.214**	± 20.0%	**0.115**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.1**	± 20.0%	**1.0**	± 20.0%	<1.0	----
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**704**	± 20.0%	**1310**	± 20.0%	**482**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**9.38**	± 20.0%	**10.7**	± 20.0%	**6.03**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**3.10**	± 20.0%	**2.84**	± 20.0%	**1.84**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**3.5**	± 20.0%	**4.0**	± 20.0%	**2.2**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**6060**	± 20.0%	**7140**	± 20.0%	**3810**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**1.6**	± 20.0%	**1.2**	± 20.0%	<1.0	----
Lithium	S-METAXHB1	1.0	mg/kg DW	**3.0**	± 20.0%	**3.0**	± 20.0%	**1.6**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**735**	± 20.0%	**817**	± 20.0%	**436**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**128**	± 20.0%	**96.1**	± 20.0%	**81.2**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**5.6**	± 20.0%	**6.0**	± 20.0%	**3.7**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**35.5**	± 20.0%	**35.6**	± 20.0%	**23.2**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**502**	± 20.0%	**499**	± 20.0%	**283**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	<2.0	----	<2.0	----
Silicon	S-METAXHB2	50	mg/kg DW	**265**	± 20.0%	**257**	± 20.0%	**302**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**17**	± 20.0%	**20**	± 20.0%	**15**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**6.18**	± 20.0%	**6.88**	± 20.0%	**3.58**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	<30	----	<30	----	<30	----
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**292**	± 20.0%	**328**	± 20.0%	**206**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**12.0**	± 20.0%	**14.4**	± 20.0%	**7.60**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**10.6**	± 20.0%	**10.5**	± 20.0%	**6.4**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	**6.2**	± 20.0%	**7.0**	± 20.0%	<5.0	----
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	<10	----	<10	----	<10	----
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----
BTEX									
Toluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	**----**	----	<0.10	----
Benzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	K2-3m		K1-0.5m		K1-3m	
				Laboratory sample ID	PR2051413-007		PR2051413-008		PR2051413-009	
				Client sampling date / time	27-May-2020		27-May-2020		27-May-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
BTEX - Continued									
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	----	----	<0.20	----
Halogenated Volatile Organic Compounds									
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	----	----	<0.20	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW	<0.20	----	----	----	<0.20	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	----	----	<1.0	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----

Sub-Matrix: **SOIL**				Client sample ID	K2-3m		K1-0.5m		K1-3m	
				Laboratory sample ID	PR2051413-007		PR2051413-008		PR2051413-009	
				Client sampling date / time	27-May-2020		27-May-2020		27-May-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Non-Halogenated Volatile Organic Compounds - Continued									
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	<0.80	----	----	----	<0.80	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	<1.0	----	----	----	<1.0	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	<1.50	----	----	----	<1.50	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	<0.020	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	<0.020	----
Naphthalene	S-VOCGMS05	0.10	mg/kg DW	<0.10	----	----	----	<0.10	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	<0.020	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	<0.020	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	<0.020	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	<0.020	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	<0.020	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	<0.020	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	<0.020	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	<0.020	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	<0.020	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	<0.020	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	<0.020	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	<0.020	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	<0.020	----	----	----	<0.020	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
Aniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	----	----	<0.50	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	----	----	<1.00	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	----	----	<1.00	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	<1.00	----	----	----	<1.00	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	----	----	<0.050	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	----	----	<0.020	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	----	----	<0.020	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	<0.040	----	----	----	<0.040	----

Sub-Matrix: **SOIL**				Client sample ID	K2-3m		K1-0.5m		K1-3m	
				Laboratory sample ID	PR2051413-007		PR2051413-008		PR2051413-009	
				Client sampling date / time	27-May-2020		27-May-2020		27-May-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Chlorophenols - Continued									
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	<0.020	----	**----**	----	<0.020	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	<0.005	----	**----**	----	<0.005	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**0.073**	± 30.0%	**----**	----	<0.050	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	<0.50	----	**----**	----	<0.50	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	<0.050	----	**----**	----	<0.050	----

Sub-Matrix: **SOIL**				Client sample ID	K5-0.5m		K5-3m		K3-0.5m-DUP	
				Laboratory sample ID	PR2051413-010		PR2051413-011		PR2051413-012	
				Client sampling date / time	27-May-2020		27-May-2020		27-May-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Pesticides - Other pesticides and pesticide metabolites									
Dinoseb	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Other									
Total SVOC IL (M4)	S-SVOCSUM01	1.0	mg/kg DW	**----**	----	<3.4	----	**----**	----
Physical Parameters									
Dry matter @ 105°C	S-DRY-GRCI	0.10	%	**93.4**	± 6.0%	**97.6**	± 6.0%	**94.6**	± 6.0%
Extractable Metals / Major Cations									
Aluminium	S-METAXHB2	1.0	mg/kg DW	**7530**	± 20.0%	**930**	± 20.0%	**6540**	± 20.0%
Antimony	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Arsenic	S-METAXHB1	0.50	mg/kg DW	**0.69**	± 20.0%	<0.50	----	**0.78**	± 20.0%
Barium	S-METAXHB1	0.20	mg/kg DW	**21.2**	± 20.0%	**6.30**	± 20.0%	**18.3**	± 20.0%
Beryllium	S-METAXHB1	0.010	mg/kg DW	**0.247**	± 20.0%	**0.044**	± 20.0%	**0.204**	± 20.0%
Bismuth	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Boron	S-METAXHB2	1.0	mg/kg DW	**1.9**	± 20.0%	<1.0	----	**1.7**	± 20.0%
Cadmium	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	<0.40	----
Calcium	S-METAXHB2	50	mg/kg DW	**11900**	± 20.0%	**6100**	± 20.0%	**18400**	± 20.0%
Chromium	S-METAXHB1	0.50	mg/kg DW	**11.6**	± 20.0%	**2.75**	± 20.0%	**9.50**	± 20.0%
Cobalt	S-METAXHB1	0.20	mg/kg DW	**3.46**	± 20.0%	**0.62**	± 20.0%	**2.78**	± 20.0%
Copper	S-METAXHB1	1.0	mg/kg DW	**4.2**	± 20.0%	<1.0	----	**3.5**	± 20.0%
Iron	S-METAXHB1	10	mg/kg DW	**7580**	± 20.0%	**1170**	± 20.0%	**6260**	± 20.0%
Lead	S-METAXHB1	1.0	mg/kg DW	**1.6**	± 20.0%	<1.0	----	**1.4**	± 20.0%
Lithium	S-METAXHB1	1.0	mg/kg DW	**5.0**	± 20.0%	<1.0	----	**4.4**	± 20.0%
Magnesium	S-METAXHB2	5.0	mg/kg DW	**1740**	± 20.0%	**166**	± 20.0%	**1560**	± 20.0%
Manganese	S-METAXHB1	0.50	mg/kg DW	**147**	± 20.0%	**31.5**	± 20.0%	**118**	± 20.0%
Mercury	S-METAXHB1	0.20	mg/kg DW	<0.20	----	<0.20	----	<0.20	----
Molybdenum	S-METAXHB1	0.40	mg/kg DW	<0.40	----	<0.40	----	<0.40	----
Nickel	S-METAXHB1	1.0	mg/kg DW	**7.5**	± 20.0%	**1.4**	± 20.0%	**6.3**	± 20.0%
Phosphorus	S-METAXHB1	5.0	mg/kg DW	**52.4**	± 20.0%	**119**	± 20.0%	**52.3**	± 20.0%
Potassium	S-METAXHB2	5.0	mg/kg DW	**724**	± 20.0%	**84.3**	± 20.0%	**618**	± 20.0%
Selenium	S-METAXHB2	2.0	mg/kg DW	<2.0	----	<2.0	----	<2.0	----

Sub-Matrix: **SOIL**				Client sample ID	K5-0.5m		K5-3m		K3-0.5m-DUP	
				Laboratory sample ID	PR2051413-010		PR2051413-011		PR2051413-012	
				Client sampling date / time	27-May-2020		27-May-2020		27-May-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Extractable Metals / Major Cations - Continued									
Silicon	S-METAXHB2	50	mg/kg DW	**298**	± 20.0%	**343**	± 20.0%	**286**	± 20.0%
Silver	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Sodium	S-METAXHB2	15	mg/kg DW	**28**	± 20.0%	<15	----	**26**	± 20.0%
Strontium	S-METAXHB1	0.10	mg/kg DW	**14.0**	± 20.0%	**5.46**	± 20.0%	**16.2**	± 20.0%
Sulphur	S-METAXHB2	30	mg/kg DW	**58**	± 20.0%	<30	----	**79**	± 20.0%
Tellurium	S-METAXHB2	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Thallium	S-METAXHB1	0.50	mg/kg DW	<0.50	----	<0.50	----	<0.50	----
Tin	S-METAXHB1	1.0	mg/kg DW	<1.0	----	<1.0	----	<1.0	----
Titanium	S-METAXHB2	0.20	mg/kg DW	**345**	± 20.0%	**78.1**	± 20.0%	**271**	± 20.0%
Vanadium	S-METAXHB1	0.10	mg/kg DW	**15.5**	± 20.0%	**2.20**	± 20.0%	**13.4**	± 20.0%
Zinc	S-METAXHB1	3.0	mg/kg DW	**11.7**	± 20.0%	**3.0**	± 20.0%	**9.9**	± 20.0%
Zirconium	S-METAXHB2	5.0	mg/kg DW	**7.4**	± 20.0%	<5.0	----	**5.7**	± 20.0%
Total Petroleum Hydrocarbons									
C24 - C40 Fraction (ORO)	S-TPHFID14	10	mg/kg DW	**47**	± 30.0%	<10	----	**82**	± 30.0%
C10 - C28 Fraction (DRO)	S-TPHFID14	12	mg/kg DW	<12	----	<12	----	<12	----
BTEX									
Toluene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Benzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Halogenated Volatile Organic Compounds									
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
Chloroform	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg DW	**----**	----	<0.20	----	**----**	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Hexachlorocyclopentadiene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Hexachloroethane	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Bromoform	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg DW	**----**	----	<0.10	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	K5-0.5m		K5-3m		K3-0.5m-DUP	
				Laboratory sample ID	PR2051413-010		PR2051413-011		PR2051413-012	
				Client sampling date / time	27-May-2020		27-May-2020		27-May-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	----	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	----	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Chloromethane	S-VOCGMS05	1.0	mg/kg DW	----	----	<1.0	----	----	----
Chloroethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Bromomethane	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	----	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg DW	----	----	<0.050	----	----	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg DW	----	----	<0.80	----	----	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg DW	----	----	<1.0	----	----	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg DW	----	----	<1.50	----	----	----
Aromatic Compounds									
1,1`-Biphenyl	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
1-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
2-Chloronaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
2-Methylnaphthalene	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
4-Bromophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
4-Chlorophenyl phenyl ether	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Carbazole	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Dibenzofuran	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Acenaphthylene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Acenaphthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Naphthalene	S-VOCGMS05	0.10	mg/kg DW	----	----	<0.10	----	----	----
Fluorene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Phenanthrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benz(a)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Chrysene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(b)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(k)fluoranthene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(a)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Indeno(1.2.3.cd)pyrene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Dibenz(a.h)anthracene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Benzo(g.h.i)perylene	S-SMVGMS03	0.020	mg/kg DW	----	----	<0.020	----	----	----
Chlorinated Hydrocarbons									
Bis(2-chloroethoxy)methane	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Bis(2-chloroethyl)ether	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Bis(2-chloroisopropyl)ether (all isomers)	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Nitrosoamines									
N-Nitrosodi-n-propylamine	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----
Anilines									
4-Chloroaniline	S-SMVGMS03	0.050	mg/kg DW	----	----	<0.050	----	----	----

Sub-Matrix: **SOIL**				Client sample ID	**K5-0.5m**		**K5-3m**		**K3-0.5m-DUP**	
				Laboratory sample ID	*PR2051413-010*		*PR2051413-011*		*PR2051413-012*	
				Client sampling date / time	27-May-2020		27-May-2020		27-May-2020	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Anilines - Continued									
Aniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Benzidine	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Diphenylamine	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Nitroaromatic Compounds									
Nitrobenzene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2-Nitrophenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
4-Nitrophenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	<1.00	----	**----**	----
2,4-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2.6-Dinitrotoluene	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2,4-Dinitrophenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	<1.00	----	**----**	----
4,6-Dinitro-2-methylphenol	S-SMVGMS03	1.00	mg/kg DW	**----**	----	<1.00	----	**----**	----
2-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
3-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
4-Nitroaniline	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Chlorophenols									
2-Chlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
2.6-Dichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
2.4@2.5-Dichlorophenol	S-CLPGMS01	0.040	mg/kg DW	**----**	----	<0.040	----	**----**	----
2.4.6-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
2.4.5-Trichlorophenol	S-CLPGMS01	0.020	mg/kg DW	**----**	----	<0.020	----	**----**	----
Pentachlorophenol	S-CLPGMS01	0.005	mg/kg DW	**----**	----	<0.005	----	**----**	----
Cresols, Phenols and Naphtols									
Phenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
3- & 4-Methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
2,4-Dimethylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
4-Chloro-3-methylphenol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Phthalates									
Dimethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Diethyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Di-n-butyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Butyl benzyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Bis(2-ethylhexyl)phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Di-n-octyl phthalate	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Aldehydes / Ketones									
6-Caprolactam	S-SMVGMS03	0.50	mg/kg DW	**----**	----	<0.50	----	**----**	----
Acetophenone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Isophorone	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----
Alcohols / Esters									
Benzyl Alcohol	S-SMVGMS03	0.050	mg/kg DW	**----**	----	<0.050	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**Blank**		**----**		**----**	
				Laboratory sample ID	*PR2051413-013*		----		----	
				Client sampling date / time	04-Jun-2020		----		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
BTEX									
Toluene	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
Benzene	S-VOCGMS05	0.050	mg/kg	<0.050	----	**----**	----	**----**	----
ortho-Xylene	S-VOCGMS05	0.050	mg/kg	<0.050	----	**----**	----	**----**	----
Ethylbenzene	S-VOCGMS05	0.050	mg/kg	<0.050	----	**----**	----	**----**	----
meta- & para-Xylene	S-VOCGMS05	0.20	mg/kg	<0.20	----	**----**	----	**----**	----
Halogenated Volatile Organic Compounds									
1.1-Dichloroethene	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
Dichloromethane	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
trans-1.2-Dichloroethene	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
1.1-Dichloroethane	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
cis-1.2-Dichloroethene	S-VOCGMS05	0.20	mg/kg	<0.20	----	**----**	----	**----**	----

Sub-Matrix: **SOIL**				Client sample ID	**Blank**		**----**		**----**	
				Laboratory sample ID	*PR2051413-013*		----		----	
				Client sampling date / time	04-Jun-2020		----		----	
Parameter	*Method*	*LOR*	*Unit*	**Result**	**MU**	**Result**	**MU**	**Result**	**MU**
Halogenated Volatile Organic Compounds - Continued									
Chloroform	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
Bromochloromethane	S-VOCGMS05	0.20	mg/kg	<0.20	----	**----**	----	**----**	----
2.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
1.2-Dichloroethane	S-VOCGMS05	0.050	mg/kg	<0.050	----	**----**	----	**----**	----
1.1.1-Trichloroethane	S-VOCGMS05	0.050	mg/kg	<0.050	----	**----**	----	**----**	----
1.1-Dichloropropene	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
Trichloroethene	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
Tetrachloromethane	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
Dibromomethane	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
Bromodichloromethane	S-VOCGMS05	0.050	mg/kg	<0.050	----	**----**	----	**----**	----
1.2-Dichloropropane	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
Tetrachloroethene	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
Dibromochloromethane	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
Chlorobenzene	S-VOCGMS05	0.050	mg/kg	<0.050	----	**----**	----	**----**	----
1.3-Dichloropropane	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
1.2-Dibromoethane (EDB)	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
1.1.2-Trichloroethane	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
1.1.1.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
Bromoform	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
Bromobenzene	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
4-Chlorotoluene	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
2-Chlorotoluene	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
1.2.3-Trichloropropane	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
1.1.2.2-Tetrachloroethane	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
1.3.5-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
Hexachlorobutadiene	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
1.4-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg	<0.050	----	**----**	----	**----**	----
1.3-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg	<0.050	----	**----**	----	**----**	----
1.2-Dibromo-3-chloropropane	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
1.2.4-Trimethylbenzene	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
1.2.4-Trichlorobenzene	S-VOCGMS05	0.050	mg/kg	<0.050	----	**----**	----	**----**	----
1.2.3-Trichlorobenzene	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
1.2-Dichlorobenzene	S-VOCGMS05	0.050	mg/kg	<0.050	----	**----**	----	**----**	----
trans-1.3-Dichloropropene	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
Dichlorodifluoromethane	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
Chloromethane	S-VOCGMS05	1.0	mg/kg	<1.0	----	**----**	----	**----**	----
Chloroethane	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
Bromomethane	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
cis-1.3-Dichloropropene	S-VOCGMS05	0.050	mg/kg	<0.050	----	**----**	----	**----**	----
Vinyl chloride	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
Non-Halogenated Volatile Organic Compounds									
Styrene	S-VOCGMS05	0.050	mg/kg	<0.050	----	**----**	----	**----**	----
Isopropylbenzene	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
n-Propylbenzene	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
tert-Butylbenzene	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
sec-Butylbenzene	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
p-Isopropyltoluene	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
Methyl tert-Butyl Ether (MTBE)	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
n-Butylbenzene	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----
tert-Butyl alcohol	S-VOCGMS05	0.80	mg/kg	<0.80	----	**----**	----	**----**	----
Methyl isobutyl ketone	S-VOCGMS05	1.0	mg/kg	<1.0	----	**----**	----	**----**	----
2-Butanone (MEK)	S-VOCGMS05	1.50	mg/kg	<1.50	----	**----**	----	**----**	----
Polycyclic Aromatics Hydrocarbons (PAHs)									
Naphthalene	S-VOCGMS05	0.10	mg/kg	<0.10	----	**----**	----	**----**	----

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component. Measurement uncertainty is expressed as expanded measurement uncertainty with

coverage factor k = 2, representing 95% confidence level.
Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
S-CLPGMS01	CZ_SOP_D06_03_158 - except chap. 9.1, 9.2 a 9.4 (US EPA 8041, US EPA 3500, DIN ISO 14154) Determination of phenols, chlorinated phenols and cresols by gas chromatography method with detection MS and calculation of phenols, chlorinated phenols and cresols sums from measured values
S-DRY-GRCI	CZ_SOP_D06_01_045 (CSN ISO 11465, CSN EN 12880, CSN EN 14346), CZ_SOP_D06_07_046 (CSN ISO 11465, CSN EN 12880, CSN EN 14346, CSN 46 5735) Determination of dry matter by gravimetry and determination of moisture by calculation from measured values.
S-METAXHB1	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-METAXHB2	CZ_SOP_D06_02_001 (US EPA 200.7, CSN EN ISO 11885, US EPA 6010, SM 3120, samples prepared as per CZ_SOP_D06_02_J02 (US EPA 3050, CSN EN 13657, ISO 11466) chap. 10.3 to 10.16, 10.17.5, 10.17.6, 10.17.9 to 10.17.14) - Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by aqua regia prior to analysis.
S-SMVGMS03	CZ_SOP_D06_03_161 (US EPA 8270D, US EPA 8082A, CSN EN 15527, ISO 18287, ISO 10382, CSN EN 15308, samples preparation as per CZ_SOP_D06_03_P01, chap. 9.2, 9.3, 9.4.2, US EPA 3546). Determination of semi volatile organic compounds by gas chromatography method with MS or MS/MS detection and calculation of semi volatile organic compounds sums from measured values
S-SVOCSUM01	CZ_SOP_D06_03_J02 Calculation of sums for parameters of organic chemistry method.
S-TPHFID14	CZ_SOP_D06_03_150 (CSN EN 14039, CSN EN ISO 16703, CSN P CEN ISO 16558-2, US EPA 8015, US EPA 3550, TNRCC Method 1006) Determination of extractable compounds in the range of hydrocarbons C 10 - C40, their fractions calculated from the measured values by gas chromatography method with FID detection
S-VOCGMS05	CZ_SOP_D06_03_155 except chap. 10.4 (US EPA 8260, US EPA 5021A, US EPA 5021, US EPA 8015, CSN EN ISO 22155, CSN EN ISO 15009, CSN EN ISO 16558-1, MADEP 2004, rev. 1.1) Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values.

Preparation Methods	*Method Descriptions*
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
* S-PPHOM2	Drying and sieving of sample on the grain size < 2 mm

A `*` symbol preceding any method indicates laboratory or subcontractor non-accredited test. In the case when a procedure belonging to an accredited method was used for non-accredited matrix, would apply that the reported results are non-accredited. Please refer to General Comment section on front page for information. If the report contains subcontracted analysis, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.
The calculation methods of summation parameters are available on request in the client service.

בקטוכם BACTOCHEM
An Emilia Development Company
08-9308308
החרש 18 נס ציונה, 7403125
service@bactochem.co.il
08-9300991, 08-9401439
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תעודת בדיקה מס: 671161

Final Report

פרטי הלקוח		איש קשר	
שם:	וריידיס קרקעות מזוהמות בע"מ	שם:	
כתובת:	המנוף 3	טלפון:	
עיר:	רחובות	סלולרי:	
מיקוד:		פקס:	

הזמנת עבודה:	**D200420-0082**	**אתר דיגום:**	**מגרש תמל 1023 תל השומר**
מס' טופס הנטילה	טופס נטילה של לקוח	**מועד הגעת הדגימות**	20/04/2020 17:45:00
נדגם ע"י	זהר גל	**נטילה**	pdf.0000369071
קובץ	pdf.0000370377		

תיאור הדוגמה: מס' קניסטר SG-7 4845 עומק 10 מטר **מספר הדוגמה:** **970648**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 20/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	התגלה. תקין		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		
1,1,2-trichloroethane	Not Detected		ug/m3	<5.47		
1,1-dichloroethane	Not Detected		ug/m3	<4.06		
1,1-dichloroethene	Not Detected		ug/m3	<3.97		
1,2,4-trichlorobenzene	Not Detected		ug/m3	<7.44		
1,2,4-trimethylbenzene	Not Detected		ug/m3	<4.94		
1,2-dibromoethane	Not Detected		ug/m3	<7.70		
1,2-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,2-dichloroethane	Not Detected		ug/m3	<4.06		
1,2-dichloropropane	Not Detected		ug/m3	<4.63		
1,3,5-trimethylbenzene	Not Detected		ug/m3	<4.93		
1,3-butadiene	Not Detected		ug/m3	<2.22		
1,3-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dioxane	Not Detected		ug/m3	<3.61		
1-ethyl-4-methyl-Benzene	Not Detected		ug/m3	<4.93		
2-butanone	5.43		ug/m3	<2.96		
2-hexanone	11.80		ug/m3	<4.11		
Acetone	36.08		ug/m3	<23.8		
Benzene	Not Detected		ug/m3	<3.20		
Benzyl chloride	Not Detected		ug/m3	<5.19		
Bromodichloromethane	Not Detected		ug/m3	<6.72		

Bromoform	Not Detected		<10.36	ug/m3		
Bromomethane	Not Detected		<3.89	ug/m3		
Carbon disulfide	Not Detected		<3.12	ug/m3		
Carbon tetrachloride	Not Detected		<6.31	ug/m3		
Chlorobenzene	Not Detected		<4.61	ug/m3		
Chloroform	9.23		<4.89	ug/m3		
Chloromethane	Not Detected		<2.07	ug/m3		
Cis-1,2-dichloroethene	Not Detected		<3.97	ug/m3		
Cis-1,3-dichloropropene	Not Detected		<4.55	ug/m3		
Cyclohexane	Not Detected		<3.45	ug/m3		
Dibromochloromethane	Not Detected		<8.54	ug/m3		
Ethanol	51.19		<18.9	ug/m3		
Ethyl acetate	Not Detected		<3.61	ug/m3		
Ethyl chloride	Not Detected		<2.65	ug/m3		
Ethylbenzene	Not Detected		<4.35	ug/m3		
Freon-11	54.89		<5.63	ug/m3		
Freon-113	Not Detected		<7.68	ug/m3		
Freon-114	Not Detected		<7.01	ug/m3		
Freon-12	Not Detected		<4.96	ug/m3		
Heptane	Not Detected		<4.11	ug/m3		
Hexachlorobutadiene	Not Detected		<10.69	ug/m3		
Hexane	Not Detected		<3.53	ug/m3		
Isopropyl alcohol	<24.6		<24.6	ug/m3		
Methyl isobutyl ketone	Not Detected		<4.11	ug/m3		
Methyl methacrylate	Not Detected		<4.09	ug/m3		
Methyl tert-butyl ether	Not Detected		<3.61	ug/m3		
Methylene chloride	Not Detected		<3.48	ug/m3		
Naphthalene	Not Detected		<5.24	ug/m3		
O-xylene	Not Detected		<4.35	ug/m3		
P+m - xylene	Not Detected		<4.35	ug/m3		
Propene	14.25		<1.73	ug/m3		
Styrene	Not Detected		<4.27	ug/m3		
Tetrachloroethylene	Not Detected		<6.80	ug/m3		
Tetrahydrofuran	Not Detected		<2.96	ug/m3		
Toluene	Not Detected		<3.78	ug/m3		
Trans-1,2-dichloroethene	Not Detected		<3.97	ug/m3		
Trans-1,3-dichloropropene	Not Detected		<4.55	ug/m3		
Trichloroethylene	Not Detected		<5.39	ug/m3		
Vinyl chloride	Not Detected		<2.56	ug/m3		

תיאור הדוגמה: מס' קניסטר 5540 SG-130 עומק 10.5 מטר **מספר הדוגמה:** **970649**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 20/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	התגלה. תקין		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		

		<5.47	ug/m3		Not Detected	1,1,2-trichloroethane
		<4.06	ug/m3		Not Detected	1,1-dichloroethane
		<3.97	ug/m3		Not Detected	1,1-dichloroethene
		<7.44	ug/m3		Not Detected	1,2,4-trichlorobenzene
		<4.94	ug/m3		Not Detected	1,2,4-trimethylbenzene
		<7.70	ug/m3		Not Detected	1,2-dibromoethane
		<6.03	ug/m3		Not Detected	1,2-dichlorobenzene
		<4.06	ug/m3		Not Detected	1,2-dichloroethane
		<4.63	ug/m3		Not Detected	1,2-dichloropropane
		<4.93	ug/m3		Not Detected	1,3,5-trimethylbenzene
		<2.22	ug/m3		Not Detected	1,3-butadiene
		<6.03	ug/m3		Not Detected	1,3-dichlorobenzene
		<6.03	ug/m3		Not Detected	1,4-dichlorobenzene
		<3.61	ug/m3		Not Detected	1,4-dioxane
		<4.93	ug/m3		Not Detected	1-ethyl-4-methyl-Benzene
		<2.96	ug/m3		4.95	2-butanone
		<4.11	ug/m3		Not Detected	2-hexanone
		<23.8	ug/m3		39.93	Acetone
		<3.20	ug/m3		3.71	Benzene
		<5.19	ug/m3		Not Detected	Benzyl chloride
		<6.72	ug/m3		Not Detected	Bromodichloromethane
		<10.36	ug/m3		Not Detected	Bromoform
		<3.89	ug/m3		Not Detected	Bromomethane
		<3.12	ug/m3		Not Detected	Carbon disulfide
		<6.31	ug/m3		Not Detected	Carbon tetrachloride
		<4.61	ug/m3		Not Detected	Chlorobenzene
		<4.89	ug/m3		32.91	Chloroform
		<2.07	ug/m3		Not Detected	Chloromethane
		<3.97	ug/m3		Not Detected	Cis-1,2-dichloroethene
		<4.55	ug/m3		Not Detected	Cis-1,3-dichloropropene
		<3.45	ug/m3		Not Detected	Cyclohexane
		<8.54	ug/m3		Not Detected	Dibromochloromethane
		<18.9	ug/m3		175.38	Ethanol
		<3.61	ug/m3		Not Detected	Ethyl acetate
		<2.65	ug/m3		Not Detected	Ethyl chloride
		<4.35	ug/m3		Not Detected	Ethylbenzene
		<5.63	ug/m3		55.45	Freon-11
		<7.68	ug/m3		Not Detected	Freon-113
		<7.01	ug/m3		Not Detected	Freon-114
		<4.96	ug/m3		Not Detected	Freon-12
		<4.11	ug/m3		Not Detected	Heptane
		<10.69	ug/m3		Not Detected	Hexachlorobutadiene
		<3.53	ug/m3		Not Detected	Hexane
		<24.6	ug/m3		29.45	Isopropyl alcohol
		<4.11	ug/m3		Not Detected	Methyl isobutyl ketone
		<4.09	ug/m3		Not Detected	Methyl methacrylate
		<3.61	ug/m3		Not Detected	Methyl tert-butyl ether
		<3.48	ug/m3		Not Detected	Methylene chloride
		<5.24	ug/m3		Not Detected	Naphthalene
		<4.35	ug/m3		Not Detected	O-xylene
		<4.35	ug/m3		Not Detected	P+m - xylene
		<1.73	ug/m3		14.75	Propene
		<4.27	ug/m3		Not Detected	Styrene

Tetrachloroethylene	Not Detected		ug/m3	<6.80		
Tetrahydrofuran	Not Detected		ug/m3	<2.96		
Toluene	Not Detected		ug/m3	<3.78		
Trans-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Trans-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Trichloroethylene	Not Detected		ug/m3	<5.39		
Vinyl chloride	Not Detected		ug/m3	<2.56		

הערות

ע"ס הצעות מחיר 10001477

התוצאות נמסרו כהערכה כמותית מאחר והחומרים שהתגלו בדוגמה נמצאו ברמה מעל לעקום הכיול.

- **התוצאות מתייחסות לפריט הנבדק בלבד.**
- **האסמכתא לערכי "תחום מותר" מצוינת כהערה.**
- **יש להתייחס אל המסמך במלואו ואין להעתיק ממנו אל מסמכים אחרים.**
- **אבות המידה של המעבדה מכוילים במעבדות מוסמכות לפי תקן ISO/IEC 17025 ועקיבים לאבות מידה לאומיים או בינלאומיים.**
- **LOQ : משמעו גבול הכימות של שיטת הבדיקה.**
- **מסמך זה הועבר לשימושו הבלעדי של הלקוח הנמען. לא ניתן להשתמש במסמך, שם החברה, או שם של אחד מעובדיה לצורכי פרסום, מכירות, ללא קבלת אישור בכתב לכך מ"מעבדות בקטוכם" בע"מ.**
- **מעבדת "בקטוכם" מוסמכת על פי תקן ISO/IEC 17025 על ידי "הרשות הלאומית להסמכת מעבדות" ובהתאם פועלת על פי דרישות התקן בתחומים להם הוסמכה, כמפורט בנספח היקף ההסמכה.**
- **השימוש בסמליל הרשות הלאומית להסמכת מעבדות מתייחס רק לבדיקות הנמצאות בהיקף ההסמכה של הארגון, ומבוצעות כמתחייב מכללי ההסמכה כמפורט בתעודת ההסמכה.**
- **הרשות הלאומית להסמכת מעבדות אינה אחראית לתוצאות הבדיקה שערכה המעבדה ואין ההסמכה מהווה אישור לפריט שנבדק.**

<u>התוצאות בתעודה מאושרות ע"י</u>

Lush Cernes Food Chemistry and Pesticide Departments Manager

- סוף תעודה -

פוליגון

מעבדה מוסמכת לדיגום קרקע וגז קרקע

ISO/IEC 17025: 2017

טפסים	
שם הטופס: שרשרת משמורת לדיגום גז קרקע אקטיבי	טופס מס': pol -F 37
	מהדורה מס': 03
נכתב ע"י: זהר גל / חתימה:	תקף מתאריך: 07.07.2019 / מחליף את: 04.02.2019
אישר ע"י: זהר גל / חתימה:	עמוד 1 מתוך 2

שם המשלם
ליבדים
רמים

שרשרת משמורת לדיגום גז קרקע אקטיבי - דף ____ מתוך ____

נתונים כלליים:
הארגון הדוגם: פוליגון
מס הסמכה: 451
סוג מכשיר PID – טייגר GER, מס' סידורי T-109102
הקף בעיגול: מגורה מסוג: 10.6/ 11.7
שם הדוגם: ____ חתימת הדוגם ____

שם הפרויקט: [illegible] 1027, שם הוועץ והחברה מבצע הסקר: אקולוג (יבחן [illegible])
זיהוי וכתובת אתר הדיגום: [illegible], ציין תאריך התקנה: 16-19/4/2020, ציין ע"י מי בוצע התקנת הבארות: ורידים
תאריך הדיגום: 20/4/2020 שם איש קשר: [illegible]
מס' סקר חוזה: 120048020, תעד את שם המעבדה האנליטית: [illegible]
תעד: תאריך הספקת הקניסטרים מהמעבדה האנליטית: ____
מבחן שטיפה (Purge volume) מבחן אטימות

Probes (sg) מיקום הפרוב	מס' קניסטר	שעת התחלה	שעת סיום	Depth (עומק מטר)	Vacuum (וואקום ב- (אינצ'/כספית) מ- עד- תעד (צריך להיות 0-5 אינצ'/כספית) בזמן הדיגום: לחץ התחלה	לחץ סופי	תעד לחץ סופי של הקניסטר בעת החזרה- במעבדה (וואקום ב- אינצ'/כספית	תעד לחץ התחלתי של הקניסטר בעת קבלה- במעבדה (וואקום ב- אינצ'/כספית	תעד שימוש במגלה דלימות IPA	תעד ספיקת המשאבה ml/min	Shut In Test לחץ (אינצ'/כספית) (Mbar) התחלה	עד	משך זמן שאיבת השטיפה (דקות)	תעד את מס' נפחי השטיפה	בזמן השטיפה תעד את תת הלחץ (תת הלחץ לא יעלה מעל 5 - 7.5 אינצ'/כספית)	TO- 15 1 ppbv
✓	0.0	5		12.7	12.7	150	✓	-30	-30	-5	-30	10	16:20	15:26	4345	Sg-7
✓	0.0	5		280	250	145	✓	-30	-30	-5	-30	10.5	17:10	16:07	5540	Sg-130

נא לסמן את הבקרות שנעשו: דוגמת חזרה (Duplicate) ☑ בלאנק ציוד (חומרים) (Equipment Blank) ☑ בלאנק רקע (Air Blank) ☑ דוגמת פיצול (SLID) ☑

נמסר למעבדה: ע"י: ____ (חתימה) ____ תאריך: ____ שעה: ____ התקבל במעבדה: ע"י: ____ (חתימה) ____ תאריך: ____ שעה: ____

נא לסמן האם הדיגום נעשה: בהסמכה: ☑ לא בהסמכה: ☐ (הרשות הלאומית להסמכת מעבדות).

בקטוכם בע"מ
תאריך: [illegible] שעה: 17:45
חתימה: [illegible]

טופס מס': F-546	עמוד 1 מתוך 2	מחלקת מיקרומזהמים טופס מעקב מסירת קניסטרים לדיגום גזי קרקע ללקוחות בקטוכם	BACTOCHEM קשור למסמך: SOP-337
גרסא: Ver. 02	מחליף מסמך: F-546 Ver. 01		

שם הלקוח: וייקום   מס' פרויקט: D200420-0082

מספר	תאריך מסירה ללקוח	תאריך החזרה	מס' קניסטר	תאריך ניקוי	מס' קניסטר בקרת הניקוי	חיבור (ml/min) 200	150	100	לחץ התחלתי -30"Hg	לחץ סופי (>-10"Hg) תקין	לא תקין	חתימת לקוח בקבלה	פגמים שהתגלו בהחזרה	חתימת לקוח בהחזרה	מס' דוגמה
1	16.04.20	לא סומן	4590	12.04.20	6836	✓			✓						לא סומן
2		לא סומן	4351	12.04.20	6836	✓			✓						לא סומן
3		לא סומן	6826	31.03.20	6826			✓	✓						לא סומן
4		לא סומן	5794	07.04.20	4355			✓	✓						לא סומן
5		לא סומן	4352	07.04.20	4355			✓	✓						לא סומן
6		לא סומן	4592	07.04.20	4355			✓	✓						לא סומן
7		לא סומן	4349	07.04.20	4355			✓	✓						לא סומן
8		לא סומן	4350	01.04.20	5179			✓	✓						לא סומן
9		לא סומן	4597	02.04.20	5031			✓	✓						לא סומן
10		21.04.20	4845	01.04.20	5179			✓	✓	✓					970648
11		לא סומן	4857	01.04.20	5179			✓	✓						לא סומן
12		21.04.20	5540	31.03.20	6826			✓	✓	✓					970649
13		לא סומן	4879	01.04.20	5179			✓	✓						לא סומן
14															
15															
16															
17															
18															
19															
20															

הערות כלליות: +תקין טוב נבדק (בוצע חיבור+פילטר)   תעודת נקיון מס': 962045

טופס זה נבדק ע"י: [illegible]   חתימת עובד בקטוכם: [illegible]   תאריך: 23.04.20

בקטוכם BACTOCHEM
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תעודת בדיקה מס: 672545

Final Report

פרטי הלקוח		איש קשר	
שם:	וריידיס קרקעות מזוהמות בע"מ	שם:	
כתובת:	המנוף 3	טלפון:	
עיר:	רחובות	סלולרי:	
מיקוד:		פקס:	

הזמנת עבודה:	**D220420-0093**	**אתר דיגום:**	**תמל 1023 תל השומר**
מס' טופס הנטילה	טופס נטילה של לקוח	**מועד הגעת הדגימות**	22/04/2020 18:40:00
נדגם ע"י	זהר גל	**נטילה**	pdf.0000369637
קובץ	pdf.0000371243		

תיאור הדוגמה: קניסטר 6836 **מספר הדוגמה:** **971998**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 22/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	התגלה. תקין		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		
1,1,2-trichloroethane	Not Detected		ug/m3	<5.47		
1,1-dichloroethane	Not Detected		ug/m3	<4.06		
1,1-dichloroethene	Not Detected		ug/m3	<3.97		
1,2,4-trichlorobenzene	Not Detected		ug/m3	<7.44		
1,2,4-trimethylbenzene	Not Detected		ug/m3	<4.94		
1,2-dibromoethane	Not Detected		ug/m3	<7.70		
1,2-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,2-dichloroethane	Not Detected		ug/m3	<4.06		
1,2-dichloropropane	Not Detected		ug/m3	<4.63		
1,3,5-trimethylbenzene	Not Detected		ug/m3	<4.93		
1,3-butadiene	Not Detected		ug/m3	<2.22		
1,3-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dioxane	Not Detected		ug/m3	<3.61		
1-ethyl-4-methyl-Benzene	Not Detected		ug/m3	<4.93		
2-butanone	15.54		ug/m3	<2.96		
2-hexanone	11.28		ug/m3	<4.11		
Acetone	72.96		ug/m3	<23.8		
Benzene	23.86		ug/m3	<3.20		
Benzyl chloride	Not Detected		ug/m3	<5.19		
Bromodichloromethane	Not Detected		ug/m3	<6.72		

Bromoform	Not Detected		ug/m3	<10.36		
Bromomethane	Not Detected		ug/m3	<3.89		
Carbon disulfide	Not Detected		ug/m3	<3.12		
Carbon tetrachloride	Not Detected		ug/m3	<6.31		
Chlorobenzene	Not Detected		ug/m3	<4.61		
Chloroform	Not Detected		ug/m3	<4.89		
Chloromethane	3.17		ug/m3	<2.07		
Cis-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Cis-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Cyclohexane	Not Detected		ug/m3	<3.45		
Dibromochloromethane	Not Detected		ug/m3	<8.54		
Ethanol	635.17		ug/m3	<18.9		
Ethyl acetate	Not Detected		ug/m3	<3.61		
Ethyl chloride	Not Detected		ug/m3	<2.65		
Ethylbenzene	Not Detected		ug/m3	<4.35		
Freon-11	55.73		ug/m3	<5.63		
Freon-113	Not Detected		ug/m3	<7.68		
Freon-114	Not Detected		ug/m3	<7.01		
Freon-12	Not Detected		ug/m3	<4.96		
Heptane	Not Detected		ug/m3	<4.11		
Hexachlorobutadiene	Not Detected		ug/m3	<10.69		
Hexane	Not Detected		ug/m3	<3.53		
Isopropyl alcohol	113.07		ug/m3	<24.6		
Methyl isobutyl ketone	Not Detected		ug/m3	<4.11		
Methyl methacrylate	Not Detected		ug/m3	<4.09		
Methyl tert-butyl ether	Not Detected		ug/m3	<3.61		
Methylene chloride	Not Detected		ug/m3	<3.48		
Naphthalene	Not Detected		ug/m3	<5.24		
O-xylene	Not Detected		ug/m3	<4.35		
P+m - xylene	Not Detected		ug/m3	<4.35		
Propene	60.86		ug/m3	<1.73		
Styrene	Not Detected		ug/m3	<4.27		
Tetrachloroethylene	Not Detected		ug/m3	<6.80		
Tetrahydrofuran	Not Detected		ug/m3	<2.96		
Toluene	Not Detected		ug/m3	<3.78		
Trans-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Trans-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Trichloroethylene	Not Detected		ug/m3	<5.39		
Vinyl chloride	Not Detected		ug/m3	<2.56		

תיאור הדוגמה: קניסטר 4594 **מספר הדוגמה:** **972345**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 22/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	לא נדרש עבור דיגום בלנק		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		

		<5.47	ug/m3		Not Detected	1,1,2-trichloroethane
		<4.06	ug/m3		Not Detected	1,1-dichloroethane
		<3.97	ug/m3		Not Detected	1,1-dichloroethene
		<7.44	ug/m3		Not Detected	1,2,4-trichlorobenzene
		<4.94	ug/m3		Not Detected	1,2,4-trimethylbenzene
		<7.70	ug/m3		Not Detected	1,2-dibromoethane
		<6.03	ug/m3		Not Detected	1,2-dichlorobenzene
		<4.06	ug/m3		Not Detected	1,2-dichloroethane
		<4.63	ug/m3		Not Detected	1,2-dichloropropane
		<4.93	ug/m3		Not Detected	1,3,5-trimethylbenzene
		<2.22	ug/m3		Not Detected	1,3-butadiene
		<6.03	ug/m3		Not Detected	1,3-dichlorobenzene
		<6.03	ug/m3		Not Detected	1,4-dichlorobenzene
		<3.61	ug/m3		Not Detected	1,4-dioxane
		<4.93	ug/m3		Not Detected	1-ethyl-4-methyl-Benzene
		<2.96	ug/m3		Not Detected	2-butanone
		<4.11	ug/m3		Not Detected	2-hexanone
		<23.8	ug/m3		Not Detected	Acetone
		<3.20	ug/m3		Not Detected	Benzene
		<5.19	ug/m3		Not Detected	Benzyl chloride
		<6.72	ug/m3		Not Detected	Bromodichloromethane
		<10.36	ug/m3		Not Detected	Bromoform
		<3.89	ug/m3		Not Detected	Bromomethane
		<3.12	ug/m3		Not Detected	Carbon disulfide
		<6.31	ug/m3		Not Detected	Carbon tetrachloride
		<4.61	ug/m3		Not Detected	Chlorobenzene
		<4.89	ug/m3		Not Detected	Chloroform
		<2.07	ug/m3		Not Detected	Chloromethane
		<3.97	ug/m3		Not Detected	Cis-1,2-dichloroethene
		<4.55	ug/m3		Not Detected	Cis-1,3-dichloropropene
		<3.45	ug/m3		Not Detected	Cyclohexane
		<8.54	ug/m3		Not Detected	Dibromochloromethane
		<18.9	ug/m3		62.48	Ethanol
		<3.61	ug/m3		Not Detected	Ethyl acetate
		<2.65	ug/m3		Not Detected	Ethyl chloride
		<4.35	ug/m3		Not Detected	Ethylbenzene
		<5.63	ug/m3		Not Detected	Freon-11
		<7.68	ug/m3		Not Detected	Freon-113
		<7.01	ug/m3		Not Detected	Freon-114
		<4.96	ug/m3		Not Detected	Freon-12
		<4.11	ug/m3		Not Detected	Heptane
		<10.69	ug/m3		Not Detected	Hexachlorobutadiene
		<3.53	ug/m3		Not Detected	Hexane
		<24.6	ug/m3		<24.6	Isopropyl alcohol
		<4.11	ug/m3		Not Detected	Methyl isobutyl ketone
		<4.09	ug/m3		Not Detected	Methyl methacrylate
		<3.61	ug/m3		Not Detected	Methyl tert-butyl ether
		<3.48	ug/m3		12.30	Methylene chloride
		<5.24	ug/m3		Not Detected	Naphthalene
		<4.35	ug/m3		Not Detected	O-xylene
		<4.35	ug/m3		Not Detected	P+m - xylene
		<1.73	ug/m3		Not Detected	Propene
		<4.27	ug/m3		Not Detected	Styrene

Tetrachloroethylene	Not Detected		ug/m3	<6.80		
Tetrahydrofuran	Not Detected		ug/m3	<2.96		
Toluene	Not Detected		ug/m3	<3.78		
Trans-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Trans-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Trichloroethylene	Not Detected		ug/m3	<5.39		
Vinyl chloride	Not Detected		ug/m3	<2.56		

תיאור הדוגמה: קניסטר 5198 **מספר הדוגמה:** **972346**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 22/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	התגלה. תקין		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		
1,1,2-trichloroethane	Not Detected		ug/m3	<5.47		
1,1-dichloroethane	Not Detected		ug/m3	<4.06		
1,1-dichloroethene	Not Detected		ug/m3	<3.97		
1,2,4-trichlorobenzene	Not Detected		ug/m3	<7.44		
1,2,4-trimethylbenzene	Not Detected		ug/m3	<4.94		
1,2-dibromoethane	Not Detected		ug/m3	<7.70		
1,2-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,2-dichloroethane	Not Detected		ug/m3	<4.06		
1,2-dichloropropane	Not Detected		ug/m3	<4.63		
1,3,5-trimethylbenzene	Not Detected		ug/m3	<4.93		
1,3-butadiene	Not Detected		ug/m3	<2.22		
1,3-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dioxane	Not Detected		ug/m3	<3.61		
1-ethyl-4-methyl-Benzene	Not Detected		ug/m3	<4.93		
2-butanone	11.18		ug/m3	<2.96		
2-hexanone	Not Detected		ug/m3	<4.11		
Acetone	53.70		ug/m3	<23.8		
Benzene	8.11		ug/m3	<3.20		
Benzyl chloride	Not Detected		ug/m3	<5.19		
Bromodichloromethane	Not Detected		ug/m3	<6.72		
Bromoform	Not Detected		ug/m3	<10.36		
Bromomethane	Not Detected		ug/m3	<3.89		
Carbon disulfide	Not Detected		ug/m3	<3.12		
Carbon tetrachloride	Not Detected		ug/m3	<6.31		
Chlorobenzene	Not Detected		ug/m3	<4.61		
Chloroform	Not Detected		ug/m3	<4.89		
Chloromethane	Not Detected		ug/m3	<2.07		
Cis-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Cis-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Cyclohexane	Not Detected		ug/m3	<3.45		
Dibromochloromethane	Not Detected		ug/m3	<8.54		

Ethanol	160.22		ug/m3	<18.9		
Ethyl acetate	Not Detected		ug/m3	<3.61		
Ethyl chloride	Not Detected		ug/m3	<2.65		
Ethylbenzene	Not Detected		ug/m3	<4.35		
Freon-11	24.60		ug/m3	<5.63		
Freon-113	Not Detected		ug/m3	<7.68		
Freon-114	Not Detected		ug/m3	<7.01		
Freon-12	Not Detected		ug/m3	<4.96		
Heptane	Not Detected		ug/m3	<4.11		
Hexachlorobutadiene	Not Detected		ug/m3	<10.69		
Hexane	Not Detected		ug/m3	<3.53		
Isopropyl alcohol	45.55		ug/m3	<24.6		
Methyl isobutyl ketone	Not Detected		ug/m3	<4.11		
Methyl methacrylate	Not Detected		ug/m3	<4.09		
Methyl tert-butyl ether	Not Detected		ug/m3	<3.61		
Methylene chloride	Not Detected		ug/m3	<3.48		
Naphthalene	Not Detected		ug/m3	<5.24		
O-xylene	Not Detected		ug/m3	<4.35		
P+m - xylene	Not Detected		ug/m3	<4.35		
Propene	40.23		ug/m3	<1.73		
Styrene	Not Detected		ug/m3	<4.27		
Tetrachloroethylene	Not Detected		ug/m3	<6.80		
Tetrahydrofuran	Not Detected		ug/m3	<2.96		
Toluene	Not Detected		ug/m3	<3.78		
Trans-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Trans-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Trichloroethylene	Not Detected		ug/m3	<5.39		
Vinyl chloride	Not Detected		ug/m3	<2.56		

תיאור הדוגמה: קניסטר 4856 **מספר הדוגמה:** **972347**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 22/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	התגלה. תקין		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		
1,1,2-trichloroethane	Not Detected		ug/m3	<5.47		
1,1-dichloroethane	Not Detected		ug/m3	<4.06		
1,1-dichloroethene	Not Detected		ug/m3	<3.97		
1,2,4-trichlorobenzene	Not Detected		ug/m3	<7.44		
1,2,4-trimethylbenzene	Not Detected		ug/m3	<4.94		
1,2-dibromoethane	Not Detected		ug/m3	<7.70		
1,2-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,2-dichloroethane	Not Detected		ug/m3	<4.06		
1,2-dichloropropane	Not Detected		ug/m3	<4.63		
1,3,5-trimethylbenzene	Not Detected		ug/m3	<4.93		
1,3-butadiene	Not Detected		ug/m3	<2.22		

1,3-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dioxane	Not Detected		ug/m3	<3.61		
1-ethyl-4-methyl-Benzene	Not Detected		ug/m3	<4.93		
2-butanone	12.39		ug/m3	<2.96		
2-hexanone	Not Detected		ug/m3	<4.11		
Acetone	63.08		ug/m3	<23.8		
Benzene	9.56		ug/m3	<3.20		
Benzyl chloride	Not Detected		ug/m3	<5.19		
Bromodichloromethane	Not Detected		ug/m3	<6.72		
Bromoform	Not Detected		ug/m3	<10.36		
Bromomethane	Not Detected		ug/m3	<3.89		
Carbon disulfide	Not Detected		ug/m3	<3.12		
Carbon tetrachloride	Not Detected		ug/m3	<6.31		
Chlorobenzene	Not Detected		ug/m3	<4.61		
Chloroform	Not Detected		ug/m3	<4.89		
Chloromethane	Not Detected		ug/m3	<2.07		
Cis-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Cis-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Cyclohexane	Not Detected		ug/m3	<3.45		
Dibromochloromethane	Not Detected		ug/m3	<8.54		
Ethanol	237.22		ug/m3	<18.9		
Ethyl acetate	Not Detected		ug/m3	<3.61		
Ethyl chloride	Not Detected		ug/m3	<2.65		
Ethylbenzene	Not Detected		ug/m3	<4.35		
Freon-11	23.98		ug/m3	<5.63		
Freon-113	Not Detected		ug/m3	<7.68		
Freon-114	Not Detected		ug/m3	<7.01		
Freon-12	Not Detected		ug/m3	<4.96		
Heptane	Not Detected		ug/m3	<4.11		
Hexachlorobutadiene	Not Detected		ug/m3	<10.69		
Hexane	Not Detected		ug/m3	<3.53		
Isopropyl alcohol	62.55		ug/m3	<24.6		
Methyl isobutyl ketone	Not Detected		ug/m3	<4.11		
Methyl methacrylate	Not Detected		ug/m3	<4.09		
Methyl tert-butyl ether	Not Detected		ug/m3	<3.61		
Methylene chloride	Not Detected		ug/m3	<3.48		
Naphthalene	Not Detected		ug/m3	<5.24		
O-xylene	Not Detected		ug/m3	<4.35		
P+m - xylene	Not Detected		ug/m3	<4.35		
Propene	47.14		ug/m3	<1.73		
Styrene	Not Detected		ug/m3	<4.27		
Tetrachloroethylene	Not Detected		ug/m3	<6.80		
Tetrahydrofuran	Not Detected		ug/m3	<2.96		
Toluene	Not Detected		ug/m3	<3.78		
Trans-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Trans-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Trichloroethylene	Not Detected		ug/m3	<5.39		
Vinyl chloride	Not Detected		ug/m3	<2.56		

תיאור הדוגמה: קניסטר 4614 **מספר הדוגמה:** **972348**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 22/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	התגלה. תקין		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		
1,1,2-trichloroethane	Not Detected		ug/m3	<5.47		
1,1-dichloroethane	Not Detected		ug/m3	<4.06		
1,1-dichloroethene	Not Detected		ug/m3	<3.97		
1,2,4-trichlorobenzene	Not Detected		ug/m3	<7.44		
1,2,4-trimethylbenzene	Not Detected		ug/m3	<4.94		
1,2-dibromoethane	Not Detected		ug/m3	<7.70		
1,2-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,2-dichloroethane	Not Detected		ug/m3	<4.06		
1,2-dichloropropane	Not Detected		ug/m3	<4.63		
1,3,5-trimethylbenzene	Not Detected		ug/m3	<4.93		
1,3-butadiene	Not Detected		ug/m3	<2.22		
1,3-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dioxane	Not Detected		ug/m3	<3.61		
1-ethyl-4-methyl-Benzene	Not Detected		ug/m3	<4.93		
2-butanone	Not Detected		ug/m3	<2.96		
2-hexanone	27.65		ug/m3	<4.11		
Acetone	92.29		ug/m3	<23.8		
Benzene	Not Detected		ug/m3	<3.20		
Benzyl chloride	Not Detected		ug/m3	<5.19		
Bromodichloromethane	Not Detected		ug/m3	<6.72		
Bromoform	Not Detected		ug/m3	<10.36		
Bromomethane	Not Detected		ug/m3	<3.89		
Carbon disulfide	Not Detected		ug/m3	<3.12		
Carbon tetrachloride	Not Detected		ug/m3	<6.31		
Chlorobenzene	Not Detected		ug/m3	<4.61		
Chloroform	Not Detected		ug/m3	<4.89		
Chloromethane	Not Detected		ug/m3	<2.07		
Cis-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Cis-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Cyclohexane	Not Detected		ug/m3	<3.45		
Dibromochloromethane	Not Detected		ug/m3	<8.54		
Ethanol	216.31		ug/m3	<18.9		
Ethyl acetate	Not Detected		ug/m3	<3.61		
Ethyl chloride	Not Detected		ug/m3	<2.65		
Ethylbenzene	Not Detected		ug/m3	<4.35		
Freon-11	Not Detected		ug/m3	<5.63		
Freon-113	Not Detected		ug/m3	<7.68		
Freon-114	Not Detected		ug/m3	<7.01		
Freon-12	Not Detected		ug/m3	<4.96		
Heptane	Not Detected		ug/m3	<4.11		
Hexachlorobutadiene	Not Detected		ug/m3	<10.69		
Hexane	Not Detected		ug/m3	<3.53		

Isopropyl alcohol	<24.6		ug/m3	<24.6		
Methyl isobutyl ketone	Not Detected		ug/m3	<4.11		
Methyl methacrylate	Not Detected		ug/m3	<4.09		
Methyl tert-butyl ether	Not Detected		ug/m3	<3.61		
Methylene chloride	Not Detected		ug/m3	<3.48		
Naphthalene	Not Detected		ug/m3	<5.24		
O-xylene	Not Detected		ug/m3	<4.35		
P+m - xylene	Not Detected		ug/m3	<4.35		
Propene	249.21		ug/m3	<1.73		
Styrene	Not Detected		ug/m3	<4.27		
Tetrachloroethylene	Not Detected		ug/m3	<6.80		
Tetrahydrofuran	Not Detected		ug/m3	<2.96		
Toluene	13.34		ug/m3	<3.78		
Trans-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Trans-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Trichloroethylene	11.34		ug/m3	<5.39		
Vinyl chloride	Not Detected		ug/m3	<2.56		

תיאור הדוגמה: קניסטר 6833 **מספר הדוגמה:** **972349**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 22/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	התגלה. תקין		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		
1,1,2-trichloroethane	Not Detected		ug/m3	<5.47		
1,1-dichloroethane	Not Detected		ug/m3	<4.06		
1,1-dichloroethene	Not Detected		ug/m3	<3.97		
1,2,4-trichlorobenzene	Not Detected		ug/m3	<7.44		
1,2,4-trimethylbenzene	Not Detected		ug/m3	<4.94		
1,2-dibromoethane	Not Detected		ug/m3	<7.70		
1,2-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,2-dichloroethane	Not Detected		ug/m3	<4.06		
1,2-dichloropropane	Not Detected		ug/m3	<4.63		
1,3,5-trimethylbenzene	Not Detected		ug/m3	<4.93		
1,3-butadiene	Not Detected		ug/m3	<2.22		
1,3-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dioxane	Not Detected		ug/m3	<3.61		
1-ethyl-4-methyl-Benzene	Not Detected		ug/m3	<4.93		
2-butanone	12.53		ug/m3	<2.96		
2-hexanone	12.78		ug/m3	<4.11		
Acetone	53.35		ug/m3	<23.8		
Benzene	8.02		ug/m3	<3.20		
Benzyl chloride	Not Detected		ug/m3	<5.19		
Bromodichloromethane	Not Detected		ug/m3	<6.72		
Bromoform	Not Detected		ug/m3	<10.36		

Bromomethane	Not Detected		ug/m3	<3.89		
Carbon disulfide	Not Detected		ug/m3	<3.12		
Carbon tetrachloride	Not Detected		ug/m3	<6.31		
Chlorobenzene	Not Detected		ug/m3	<4.61		
Chloroform	Not Detected		ug/m3	<4.89		
Chloromethane	Not Detected		ug/m3	<2.07		
Cis-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Cis-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Cyclohexane	Not Detected		ug/m3	<3.45		
Dibromochloromethane	Not Detected		ug/m3	<8.54		
Ethanol	210.28		ug/m3	<18.9		
Ethyl acetate	Not Detected		ug/m3	<3.61		
Ethyl chloride	Not Detected		ug/m3	<2.65		
Ethylbenzene	Not Detected		ug/m3	<4.35		
Freon-11	Not Detected		ug/m3	<5.63		
Freon-113	Not Detected		ug/m3	<7.68		
Freon-114	Not Detected		ug/m3	<7.01		
Freon-12	Not Detected		ug/m3	<4.96		
Heptane	Not Detected		ug/m3	<4.11		
Hexachlorobutadiene	Not Detected		ug/m3	<10.69		
Hexane	Not Detected		ug/m3	<3.53		
Isopropyl alcohol	35.86		ug/m3	<24.6		
Methyl isobutyl ketone	Not Detected		ug/m3	<4.11		
Methyl methacrylate	Not Detected		ug/m3	<4.09		
Methyl tert-butyl ether	Not Detected		ug/m3	<3.61		
Methylene chloride	Not Detected		ug/m3	<3.48		
Naphthalene	Not Detected		ug/m3	<5.24		
O-xylene	Not Detected		ug/m3	<4.35		
P+m - xylene	Not Detected		ug/m3	<4.35		
Propene	56.85		ug/m3	<1.73		
Styrene	Not Detected		ug/m3	<4.27		
Tetrachloroethylene	Not Detected		ug/m3	<6.80		
Tetrahydrofuran	Not Detected		ug/m3	<2.96		
Toluene	Not Detected		ug/m3	<3.78		
Trans-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Trans-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Trichloroethylene	Not Detected		ug/m3	<5.39		
Vinyl chloride	Not Detected		ug/m3	<2.56		

תיאור הדוגמה: קניסטר H4081 **מספר הדוגמה:** **972350**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 22/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	התגלה. תקין		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		
1,1,2-trichloroethane	Not Detected		ug/m3	<5.47		

		<4.06	ug/m3		Not Detected	1,1-dichloroethane
		<3.97	ug/m3		Not Detected	1,1-dichloroethene
		<7.44	ug/m3		Not Detected	1,2,4-trichlorobenzene
		<4.94	ug/m3		Not Detected	1,2,4-trimethylbenzene
		<7.70	ug/m3		Not Detected	1,2-dibromoethane
		<6.03	ug/m3		Not Detected	1,2-dichlorobenzene
		<4.06	ug/m3		Not Detected	1,2-dichloroethane
		<4.63	ug/m3		Not Detected	1,2-dichloropropane
		<4.93	ug/m3		Not Detected	1,3,5-trimethylbenzene
		<2.22	ug/m3		Not Detected	1,3-butadiene
		<6.03	ug/m3		Not Detected	1,3-dichlorobenzene
		<6.03	ug/m3		Not Detected	1,4-dichlorobenzene
		<3.61	ug/m3		Not Detected	1,4-dioxane
		<4.93	ug/m3		Not Detected	1-ethyl-4-methyl-Benzene
		<2.96	ug/m3		6.05	2-butanone
		<4.11	ug/m3		7.13	2-hexanone
		<23.8	ug/m3		43.73	Acetone
		<3.20	ug/m3		8.75	Benzene
		<5.19	ug/m3		Not Detected	Benzyl chloride
		<6.72	ug/m3		Not Detected	Bromodichloromethane
		<10.36	ug/m3		Not Detected	Bromoform
		<3.89	ug/m3		Not Detected	Bromomethane
		<3.12	ug/m3		Not Detected	Carbon disulfide
		<6.31	ug/m3		Not Detected	Carbon tetrachloride
		<4.61	ug/m3		Not Detected	Chlorobenzene
		<4.89	ug/m3		Not Detected	Chloroform
		<2.07	ug/m3		Not Detected	Chloromethane
		<3.97	ug/m3		Not Detected	Cis-1,2-dichloroethene
		<4.55	ug/m3		Not Detected	Cis-1,3-dichloropropene
		<3.45	ug/m3		Not Detected	Cyclohexane
		<8.54	ug/m3		Not Detected	Dibromochloromethane
		<18.9	ug/m3		188.42	Ethanol
		<3.61	ug/m3		Not Detected	Ethyl acetate
		<2.65	ug/m3		Not Detected	Ethyl chloride
		<4.35	ug/m3		Not Detected	Ethylbenzene
		<5.63	ug/m3		Not Detected	Freon-11
		<7.68	ug/m3		Not Detected	Freon-113
		<7.01	ug/m3		Not Detected	Freon-114
		<4.96	ug/m3		Not Detected	Freon-12
		<4.11	ug/m3		Not Detected	Heptane
		<10.69	ug/m3		Not Detected	Hexachlorobutadiene
		<3.53	ug/m3		Not Detected	Hexane
		<24.6	ug/m3		38.86	Isopropyl alcohol
		<4.11	ug/m3		Not Detected	Methyl isobutyl ketone
		<4.09	ug/m3		Not Detected	Methyl methacrylate
		<3.61	ug/m3		Not Detected	Methyl tert-butyl ether
		<3.48	ug/m3		Not Detected	Methylene chloride
		<5.24	ug/m3		Not Detected	Naphthalene
		<4.35	ug/m3		Not Detected	O-xylene
		<4.35	ug/m3		Not Detected	P+m - xylene
		<1.73	ug/m3		24.01	Propene
		<4.27	ug/m3		Not Detected	Styrene
		<6.80	ug/m3		Not Detected	Tetrachloroethylene

Tetrahydrofuran	Not Detected		ug/m3	<2.96		
Toluene	Not Detected		ug/m3	<3.78		
Trans-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Trans-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Trichloroethylene	Not Detected		ug/m3	<5.39		
Vinyl chloride	Not Detected		ug/m3	<2.56		

תיאור הדוגמה: קניסטר 5189 **מספר הדוגמה:** **972351**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 22/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	התגלה. תקין		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		
1,1,2-trichloroethane	Not Detected		ug/m3	<5.47		
1,1-dichloroethane	Not Detected		ug/m3	<4.06		
1,1-dichloroethene	Not Detected		ug/m3	<3.97		
1,2,4-trichlorobenzene	Not Detected		ug/m3	<7.44		
1,2,4-trimethylbenzene	Not Detected		ug/m3	<4.94		
1,2-dibromoethane	Not Detected		ug/m3	<7.70		
1,2-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,2-dichloroethane	Not Detected		ug/m3	<4.06		
1,2-dichloropropane	Not Detected		ug/m3	<4.63		
1,3,5-trimethylbenzene	Not Detected		ug/m3	<4.93		
1,3-butadiene	Not Detected		ug/m3	<2.22		
1,3-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dioxane	Not Detected		ug/m3	<3.61		
1-ethyl-4-methyl-Benzene	Not Detected		ug/m3	<4.93		
2-butanone	3.83		ug/m3	<2.96		
2-hexanone	Not Detected		ug/m3	<4.11		
Acetone	26.75		ug/m3	<23.8		
Benzene	Not Detected		ug/m3	<3.20		
Benzyl chloride	Not Detected		ug/m3	<5.19		
Bromodichloromethane	Not Detected		ug/m3	<6.72		
Bromoform	Not Detected		ug/m3	<10.36		
Bromomethane	Not Detected		ug/m3	<3.89		
Carbon disulfide	Not Detected		ug/m3	<3.12		
Carbon tetrachloride	Not Detected		ug/m3	<6.31		
Chlorobenzene	Not Detected		ug/m3	<4.61		
Chloroform	Not Detected		ug/m3	<4.89		
Chloromethane	Not Detected		ug/m3	<2.07		
Cis-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Cis-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Cyclohexane	Not Detected		ug/m3	<3.45		
Dibromochloromethane	Not Detected		ug/m3	<8.54		
Ethanol	21.12		ug/m3	<18.9		

Ethyl acetate	Not Detected		<3.61	ug/m3		
Ethyl chloride	Not Detected		<2.65	ug/m3		
Ethylbenzene	Not Detected		<4.35	ug/m3		
Freon-11	Not Detected		<5.63	ug/m3		
Freon-113	Not Detected		<7.68	ug/m3		
Freon-114	Not Detected		<7.01	ug/m3		
Freon-12	Not Detected		<4.96	ug/m3		
Heptane	Not Detected		<4.11	ug/m3		
Hexachlorobutadiene	Not Detected		<10.69	ug/m3		
Hexane	Not Detected		<3.53	ug/m3		
Isopropyl alcohol	64.05		<24.6	ug/m3		
Methyl isobutyl ketone	Not Detected		<4.11	ug/m3		
Methyl methacrylate	Not Detected		<4.09	ug/m3		
Methyl tert-butyl ether	Not Detected		<3.61	ug/m3		
Methylene chloride	Not Detected		<3.48	ug/m3		
Naphthalene	Not Detected		<5.24	ug/m3		
O-xylene	Not Detected		<4.35	ug/m3		
P+m - xylene	Not Detected		<4.35	ug/m3		
Propene	Not Detected		<1.73	ug/m3		
Styrene	Not Detected		<4.27	ug/m3		
Tetrachloroethylene	41.85		<6.80	ug/m3		
Tetrahydrofuran	Not Detected		<2.96	ug/m3		
Toluene	Not Detected		<3.78	ug/m3		
Trans-1,2-dichloroethene	Not Detected		<3.97	ug/m3		
Trans-1,3-dichloropropene	Not Detected		<4.55	ug/m3		
Trichloroethylene	Not Detected		<5.39	ug/m3		
Vinyl chloride	Not Detected		<2.56	ug/m3		

תיאור הדוגמה: קניסטר 1914 **מספר הדוגמה:** **972352**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 22/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	התגלה. תקין		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		
1,1,2-trichloroethane	Not Detected		ug/m3	<5.47		
1,1-dichloroethane	Not Detected		ug/m3	<4.06		
1,1-dichloroethene	Not Detected		ug/m3	<3.97		
1,2,4-trichlorobenzene	Not Detected		ug/m3	<7.44		
1,2,4-trimethylbenzene	Not Detected		ug/m3	<4.94		
1,2-dibromoethane	Not Detected		ug/m3	<7.70		
1,2-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,2-dichloroethane	Not Detected		ug/m3	<4.06		
1,2-dichloropropane	Not Detected		ug/m3	<4.63		
1,3,5-trimethylbenzene	Not Detected		ug/m3	<4.93		
1,3-butadiene	Not Detected		ug/m3	<2.22		
1,3-dichlorobenzene	Not Detected		ug/m3	<6.03		

1,4-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dioxane	Not Detected		ug/m3	<3.61		
1-ethyl-4-methyl-Benzene	Not Detected		ug/m3	<4.93		
2-butanone	5.31		ug/m3	<2.96		
2-hexanone	Not Detected		ug/m3	<4.11		
Acetone	43.95		ug/m3	<23.8		
Benzene	18.85		ug/m3	<3.20		
Benzyl chloride	Not Detected		ug/m3	<5.19		
Bromodichloromethane	Not Detected		ug/m3	<6.72		
Bromoform	Not Detected		ug/m3	<10.36		
Bromomethane	Not Detected		ug/m3	<3.89		
Carbon disulfide	Not Detected		ug/m3	<3.12		
Carbon tetrachloride	Not Detected		ug/m3	<6.31		
Chlorobenzene	Not Detected		ug/m3	<4.61		
Chloroform	Not Detected		ug/m3	<4.89		
Chloromethane	Not Detected		ug/m3	<2.07		
Cis-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Cis-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Cyclohexane	Not Detected		ug/m3	<3.45		
Dibromochloromethane	Not Detected		ug/m3	<8.54		
Ethanol	283.01		ug/m3	<18.9		
Ethyl acetate	Not Detected		ug/m3	<3.61		
Ethyl chloride	Not Detected		ug/m3	<2.65		
Ethylbenzene	Not Detected		ug/m3	<4.35		
Freon-11	7.08		ug/m3	<5.63		
Freon-113	Not Detected		ug/m3	<7.68		
Freon-114	Not Detected		ug/m3	<7.01		
Freon-12	Not Detected		ug/m3	<4.96		
Heptane	Not Detected		ug/m3	<4.11		
Hexachlorobutadiene	Not Detected		ug/m3	<10.69		
Hexane	Not Detected		ug/m3	<3.53		
Isopropyl alcohol	58.84		ug/m3	<24.6		
Methyl isobutyl ketone	Not Detected		ug/m3	<4.11		
Methyl methacrylate	Not Detected		ug/m3	<4.09		
Methyl tert-butyl ether	Not Detected		ug/m3	<3.61		
Methylene chloride	Not Detected		ug/m3	<3.48		
Naphthalene	Not Detected		ug/m3	<5.24		
O-xylene	Not Detected		ug/m3	<4.35		
P+m - xylene	Not Detected		ug/m3	<4.35		
Propene	55.75		ug/m3	<1.73		
Styrene	Not Detected		ug/m3	<4.27		
Tetrachloroethylene	Not Detected		ug/m3	<6.80		
Tetrahydrofuran	Not Detected		ug/m3	<2.96		
Toluene	Not Detected		ug/m3	<3.78		
Trans-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Trans-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Trichloroethylene	Not Detected		ug/m3	<5.39		
Vinyl chloride	Not Detected		ug/m3	<2.56		

תיאור הדוגמה: קניסטר 5193 **מספר הדוגמה:** **972353**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 22/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	התגלה. תקין		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		
1,1,2-trichloroethane	Not Detected		ug/m3	<5.47		
1,1-dichloroethane	Not Detected		ug/m3	<4.06		
1,1-dichloroethene	Not Detected		ug/m3	<3.97		
1,2,4-trichlorobenzene	Not Detected		ug/m3	<7.44		
1,2,4-trimethylbenzene	Not Detected		ug/m3	<4.94		
1,2-dibromoethane	Not Detected		ug/m3	<7.70		
1,2-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,2-dichloroethane	Not Detected		ug/m3	<4.06		
1,2-dichloropropane	Not Detected		ug/m3	<4.63		
1,3,5-trimethylbenzene	Not Detected		ug/m3	<4.93		
1,3-butadiene	Not Detected		ug/m3	<2.22		
1,3-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dioxane	Not Detected		ug/m3	<3.61		
1-ethyl-4-methyl-Benzene	Not Detected		ug/m3	<4.93		
2-butanone	7.15		ug/m3	<2.96		
2-hexanone	7.18		ug/m3	<4.11		
Acetone	51.62		ug/m3	<23.8		
Benzene	4.41		ug/m3	<3.20		
Benzyl chloride	Not Detected		ug/m3	<5.19		
Bromodichloromethane	Not Detected		ug/m3	<6.72		
Bromoform	Not Detected		ug/m3	<10.36		
Bromomethane	Not Detected		ug/m3	<3.89		
Carbon disulfide	Not Detected		ug/m3	<3.12		
Carbon tetrachloride	Not Detected		ug/m3	<6.31		
Chlorobenzene	Not Detected		ug/m3	<4.61		
Chloroform	Not Detected		ug/m3	<4.89		
Chloromethane	Not Detected		ug/m3	<2.07		
Cis-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Cis-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Cyclohexane	Not Detected		ug/m3	<3.45		
Dibromochloromethane	Not Detected		ug/m3	<8.54		
Ethanol	127.39		ug/m3	<18.9		
Ethyl acetate	Not Detected		ug/m3	<3.61		
Ethyl chloride	Not Detected		ug/m3	<2.65		
Ethylbenzene	Not Detected		ug/m3	<4.35		
Freon-11	46.20		ug/m3	<5.63		
Freon-113	Not Detected		ug/m3	<7.68		
Freon-114	Not Detected		ug/m3	<7.01		
Freon-12	Not Detected		ug/m3	<4.96		
Heptane	Not Detected		ug/m3	<4.11		
Hexachlorobutadiene	Not Detected		ug/m3	<10.69		
Hexane	Not Detected		ug/m3	<3.53		
Isopropyl alcohol	<24.6		ug/m3	<24.6		

Methyl isobutyl ketone	Not Detected		ug/m3	<4.11		
Methyl methacrylate	Not Detected		ug/m3	<4.09		
Methyl tert-butyl ether	Not Detected		ug/m3	<3.61		
Methylene chloride	Not Detected		ug/m3	<3.48		
Naphthalene	Not Detected		ug/m3	<5.24		
O-xylene	Not Detected		ug/m3	<4.35		
P+m - xylene	Not Detected		ug/m3	<4.35		
Propene	94.01		ug/m3	<1.73		
Styrene	Not Detected		ug/m3	<4.27		
Tetrachloroethylene	12.09		ug/m3	<6.80		
Tetrahydrofuran	Not Detected		ug/m3	<2.96		
Toluene	Not Detected		ug/m3	<3.78		
Trans-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Trans-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Trichloroethylene	Not Detected		ug/m3	<5.39		
Vinyl chloride	Not Detected		ug/m3	<2.56		

תיאור הדוגמה: קניסטר 4596B **מספר הדוגמה:** **972354**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 22/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	התגלה. תקין		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		
1,1,2-trichloroethane	Not Detected		ug/m3	<5.47		
1,1-dichloroethane	Not Detected		ug/m3	<4.06		
1,1-dichloroethene	Not Detected		ug/m3	<3.97		
1,2,4-trichlorobenzene	Not Detected		ug/m3	<7.44		
1,2,4-trimethylbenzene	Not Detected		ug/m3	<4.94		
1,2-dibromoethane	Not Detected		ug/m3	<7.70		
1,2-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,2-dichloroethane	Not Detected		ug/m3	<4.06		
1,2-dichloropropane	Not Detected		ug/m3	<4.63		
1,3,5-trimethylbenzene	Not Detected		ug/m3	<4.93		
1,3-butadiene	Not Detected		ug/m3	<2.22		
1,3-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dioxane	Not Detected		ug/m3	<3.61		
1-ethyl-4-methyl-Benzene	Not Detected		ug/m3	<4.93		
2-butanone	Not Detected		ug/m3	<2.96		
2-hexanone	Not Detected		ug/m3	<4.11		
Acetone	27.44		ug/m3	<23.8		
Benzene	Not Detected		ug/m3	<3.20		
Benzyl chloride	Not Detected		ug/m3	<5.19		
Bromodichloromethane	Not Detected		ug/m3	<6.72		
Bromoform	Not Detected		ug/m3	<10.36		
Bromomethane	Not Detected		ug/m3	<3.89		

Carbon disulfide	Not Detected		ug/m3	<3.12		
Carbon tetrachloride	Not Detected		ug/m3	<6.31		
Chlorobenzene	Not Detected		ug/m3	<4.61		
Chloroform	Not Detected		ug/m3	<4.89		
Chloromethane	Not Detected		ug/m3	<2.07		
Cis-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Cis-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Cyclohexane	Not Detected		ug/m3	<3.45		
Dibromochloromethane	Not Detected		ug/m3	<8.54		
Ethanol	Not Detected		ug/m3	<18.9		
Ethyl acetate	Not Detected		ug/m3	<3.61		
Ethyl chloride	Not Detected		ug/m3	<2.65		
Ethylbenzene	Not Detected		ug/m3	<4.35		
Freon-11	31.13		ug/m3	<5.63		
Freon-113	Not Detected		ug/m3	<7.68		
Freon-114	Not Detected		ug/m3	<7.01		
Freon-12	Not Detected		ug/m3	<4.96		
Heptane	Not Detected		ug/m3	<4.11		
Hexachlorobutadiene	Not Detected		ug/m3	<10.69		
Hexane	Not Detected		ug/m3	<3.53		
Isopropyl alcohol	<24.6		ug/m3	<24.6		
Methyl isobutyl ketone	Not Detected		ug/m3	<4.11		
Methyl methacrylate	Not Detected		ug/m3	<4.09		
Methyl tert-butyl ether	Not Detected		ug/m3	<3.61		
Methylene chloride	Not Detected		ug/m3	<3.48		
Naphthalene	Not Detected		ug/m3	<5.24		
O-xylene	Not Detected		ug/m3	<4.35		
P+m - xylene	Not Detected		ug/m3	<4.35		
Propene	Not Detected		ug/m3	<1.73		
Styrene	Not Detected		ug/m3	<4.27		
Tetrachloroethylene	Not Detected		ug/m3	<6.80		
Tetrahydrofuran	Not Detected		ug/m3	<2.96		
Toluene	Not Detected		ug/m3	<3.78		
Trans-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Trans-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Trichloroethylene	Not Detected		ug/m3	<5.39		
Vinyl chloride	Not Detected		ug/m3	<2.56		

תיאור הדוגמה: קניסטר 5541 **מספר הדוגמה:** **972355**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 22/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	התגלה. תקין		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		
1,1,2-trichloroethane	Not Detected		ug/m3	<5.47		
1,1-dichloroethane	Not Detected		ug/m3	<4.06		

		<3.97	ug/m3		Not Detected	1,1-dichloroethene
		<7.44	ug/m3		Not Detected	1,2,4-trichlorobenzene
		<4.94	ug/m3		Not Detected	1,2,4-trimethylbenzene
		<7.70	ug/m3		Not Detected	1,2-dibromoethane
		<6.03	ug/m3		Not Detected	1,2-dichlorobenzene
		<4.06	ug/m3		Not Detected	1,2-dichloroethane
		<4.63	ug/m3		Not Detected	1,2-dichloropropane
		<4.93	ug/m3		Not Detected	1,3,5-trimethylbenzene
		<2.22	ug/m3		Not Detected	1,3-butadiene
		<6.03	ug/m3		Not Detected	1,3-dichlorobenzene
		<6.03	ug/m3		Not Detected	1,4-dichlorobenzene
		<3.61	ug/m3		Not Detected	1,4-dioxane
		<4.93	ug/m3		Not Detected	1-ethyl-4-methyl-Benzene
		<2.96	ug/m3		12.68	2-butanone
		<4.11	ug/m3		10.94	2-hexanone
		<23.8	ug/m3		94.52	Acetone
		<3.20	ug/m3		30.15	Benzene
		<5.19	ug/m3		Not Detected	Benzyl chloride
		<6.72	ug/m3		Not Detected	Bromodichloromethane
		<10.36	ug/m3		Not Detected	Bromoform
		<3.89	ug/m3		Not Detected	Bromomethane
		<3.12	ug/m3		Not Detected	Carbon disulfide
		<6.31	ug/m3		Not Detected	Carbon tetrachloride
		<4.61	ug/m3		Not Detected	Chlorobenzene
		<4.89	ug/m3		Not Detected	Chloroform
		<2.07	ug/m3		2.53	Chloromethane
		<3.97	ug/m3		Not Detected	Cis-1,2-dichloroethene
		<4.55	ug/m3		Not Detected	Cis-1,3-dichloropropene
		<3.45	ug/m3		Not Detected	Cyclohexane
		<8.54	ug/m3		Not Detected	Dibromochloromethane
		<18.9	ug/m3		568.46	Ethanol
		<3.61	ug/m3		Not Detected	Ethyl acetate
		<2.65	ug/m3		Not Detected	Ethyl chloride
		<4.35	ug/m3		Not Detected	Ethylbenzene
		<5.63	ug/m3		25.85	Freon-11
		<7.68	ug/m3		Not Detected	Freon-113
		<7.01	ug/m3		Not Detected	Freon-114
		<4.96	ug/m3		Not Detected	Freon-12
		<4.11	ug/m3		Not Detected	Heptane
		<10.69	ug/m3		Not Detected	Hexachlorobutadiene
		<3.53	ug/m3		4.34	Hexane
		<24.6	ug/m3		171.66	Isopropyl alcohol
		<4.11	ug/m3		Not Detected	Methyl isobutyl ketone
		<4.09	ug/m3		Not Detected	Methyl methacrylate
		<3.61	ug/m3		Not Detected	Methyl tert-butyl ether
		<3.48	ug/m3		Not Detected	Methylene chloride
		<5.24	ug/m3		Not Detected	Naphthalene
		<4.35	ug/m3		Not Detected	O-xylene
		<4.35	ug/m3		Not Detected	P+m - xylene
		<1.73	ug/m3		141.99	Propene
		<4.27	ug/m3		Not Detected	Styrene
		<6.80	ug/m3		Not Detected	Tetrachloroethylene
		<2.96	ug/m3		Not Detected	Tetrahydrofuran

Toluene	Not Detected		ug/m3	<3.78		
Trans-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Trans-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Trichloroethylene	Not Detected		ug/m3	<5.39		
Vinyl chloride	Not Detected		ug/m3	<2.56		

תיאור הדוגמה: קניסטר 4844 **מספר הדוגמה:** **972356**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 22/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	התגלה. תקין		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		
1,1,2-trichloroethane	Not Detected		ug/m3	<5.47		
1,1-dichloroethane	Not Detected		ug/m3	<4.06		
1,1-dichloroethene	Not Detected		ug/m3	<3.97		
1,2,4-trichlorobenzene	Not Detected		ug/m3	<7.44		
1,2,4-trimethylbenzene	23.45		ug/m3	<4.94		
1,2-dibromoethane	Not Detected		ug/m3	<7.70		
1,2-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,2-dichloroethane	Not Detected		ug/m3	<4.06		
1,2-dichloropropane	Not Detected		ug/m3	<4.63		
1,3,5-trimethylbenzene	Not Detected		ug/m3	<4.93		
1,3-butadiene	Not Detected		ug/m3	<2.22		
1,3-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dioxane	Not Detected		ug/m3	<3.61		
1-ethyl-4-methyl-Benzene	Not Detected		ug/m3	<4.93		
2-butanone	10.23		ug/m3	<2.96		
2-hexanone	13.11		ug/m3	<4.11		
Acetone	61.69		ug/m3	<23.8		
Benzene	10.03		ug/m3	<3.20		
Benzyl chloride	Not Detected		ug/m3	<5.19		
Bromodichloromethane	Not Detected		ug/m3	<6.72		
Bromoform	Not Detected		ug/m3	<10.36		
Bromomethane	Not Detected		ug/m3	<3.89		
Carbon disulfide	Not Detected		ug/m3	<3.12		
Carbon tetrachloride	Not Detected		ug/m3	<6.31		
Chlorobenzene	Not Detected		ug/m3	<4.61		
Chloroform	9.96		ug/m3	<4.89		
Chloromethane	Not Detected		ug/m3	<2.07		
Cis-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Cis-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Cyclohexane	Not Detected		ug/m3	<3.45		
Dibromochloromethane	Not Detected		ug/m3	<8.54		
Ethanol	270.19		ug/m3	<18.9		
Ethyl acetate	Not Detected		ug/m3	<3.61		

Ethyl chloride	Not Detected		ug/m3	<2.65		
Ethylbenzene	Not Detected		ug/m3	<4.35		
Freon-11	25.11		ug/m3	<5.63		
Freon-113	Not Detected		ug/m3	<7.68		
Freon-114	Not Detected		ug/m3	<7.01		
Freon-12	Not Detected		ug/m3	<4.96		
Heptane	Not Detected		ug/m3	<4.11		
Hexachlorobutadiene	Not Detected		ug/m3	<10.69		
Hexane	Not Detected		ug/m3	<3.53		
Isopropyl alcohol	180.98		ug/m3	<24.6		
Methyl isobutyl ketone	Not Detected		ug/m3	<4.11		
Methyl methacrylate	Not Detected		ug/m3	<4.09		
Methyl tert-butyl ether	5.26		ug/m3	<3.61		
Methylene chloride	Not Detected		ug/m3	<3.48		
Naphthalene	10.96		ug/m3	<5.24		
O-xylene	11.38		ug/m3	<4.35		
P+m - xylene	24.92		ug/m3	<4.35		
Propene	80.98		ug/m3	<1.73		
Styrene	Not Detected		ug/m3	<4.27		
Tetrachloroethylene	Not Detected		ug/m3	<6.80		
Tetrahydrofuran	Not Detected		ug/m3	<2.96		
Toluene	6.48		ug/m3	<3.78		
Trans-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Trans-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Trichloroethylene	Not Detected		ug/m3	<5.39		
Vinyl chloride	Not Detected		ug/m3	<2.56		

הערות

- **התוצאות מתייחסות לפריט הנבדק בלבד.**
- **האסמכתא לערכי "תחום מותר" מצוינת כהערה.**
- **יש להתייחס אל המסמך במלואו ואין להעתיק ממנו אל מסמכים אחרים.**
- **אבות המידה של המעבדה מכוילים במעבדות מוסמכות לפי תקן ISO/IEC 17025 ועקיבים לאבות מידה לאומיים או בינלאומיים.**
- **LOQ : משמעו גבול הכימות של שיטת הבדיקה.**
- **מסמך זה הועבר לשימושו הבלעדי של הלקוח הנמען. לא ניתן להשתמש במסמך, שם החברה, או שם של אחד מעובדיה לצורכי פרסום, מכירות, ללא קבלת אישור בכתב לכך מ"מעבדות בקטוכם" בע"מ.**
- **מעבדת "בקטוכם" מוסמכת על פי תקן ISO/IEC 17025 על ידי "הרשות הלאומית להסמכת מעבדות" ובהתאם פועלת על פי דרישות התקן בתחומים להם הוסמכה, כמפורט בנספח היקף ההסמכה.**
- **השימוש בסמליל הרשות הלאומית להסמכת מעבדות מתייחס רק לבדיקות הנמצאות בהיקף ההסמכה של הארגון, ומבוצעות כמתחייב מכללי ההסמכה כמפורט בתעודת ההסמכה.**
- **הרשות הלאומית להסמכת מעבדות אינה אחראית לתוצאות הבדיקה שערכה המעבדה ואין ההסמכה מהווה אישור לפריט שנבדק.**

<u>התוצאות בתעודה מאושרות ע"י</u>

Keren Rachel Ben David Contaminants department lab analyst
Lush Cernes Food Chemistry and Pesticide Departments Manager

- סוף תעודה -

פוליגון
מעבדה מוסמכת לדיגום קרקע וגז קרקע
ISO/IEC 17025: 2017

טפסים

שם הטופס: שרשרת משמורת לדיגום גז קרקע אקטיבי	טופס מס': F 37 -pol
	מהדורה מס': 03
נכתב ע"י: זהר גל / חתימה:	תקף מתאריך: 07.07.2019 / מחליף את: 04.02.2019
אישר ע"י: זהר גל / חתימה:	עמוד 1 מתוך 2

ורידים

שרשרת משמורת לדיגום גז קרקע אקטיבי - דף 2 מתוך

נתונים כלליים:
הארגון הדוגם: פוליגון
מס הסמכה: 451
סוג מכשיר PID- טייגר GER, מס' סידורי T-109102
הקף בעיגול: מנורה מסוג: 10.6/ 11.7
שם הדוגם: זהר גל חתימת הדוגם

שם הפרויקט: [illegible] שם היועץ והחברה מבצע הסקר
זיהוי וכתובת אתר הדיגום: ____ ציין תאריך התקנה: ____ ציין ע"י מי בוצע התקנת הבארות: ____
תאריך הדיגום: 22/4/2020 שם איש קשר: ____
מס' סקר חוזה: ____ תעד את שם המעבדה האנליטית: ____
תעד: תאריך הספקת הקניסטרים מהמעבדה האנליטית: ____
מבחן שטיפה (Purge volume) מבחן אטימות

Probes (sg) מיקום הפרוב	מס' קניסטר	שעת התחלה	שעת סיום	Depth (עומק מטר)	Vacuum (וואקום ב- (אינצ'/כספית) מ- עד- תעד (צריך להיות 0-5 אינצ'/כספית בזמן הדיגום: לחץ התחלתי	לחץ סופי	תעד לחץ סופי של הקניסטר בעת החזרה- במעבדה (וואקום ב- אינצ'/כספית	תעד לחץ התחלתי של הקניסטר בעת קבלה- במעבדה (וואקום ב- אינצ'/כספית	תעד שימוש במגלה דליפות IPA	תעד ספיקת המשאבה ml/min	Shut In Test לחץ (אינצ'/ כספית) עד	התחלה	משך זמן שאיבת השטיפה (דקות)	תעד את מס' נפחי השטיפה	בזמן השטיפה תעד את תת הלחץ (תת הלחץ לא יעלה מעל 5 - 7.5 אינצ'/כספית)	TO- 15 1 ppbv
Sg-101	5189	14:06	16:20	10.5	-30	-2	-2	-30	✓	145	7.5	7.5	15	5	0.0	✓
Sg-122	1914	10:39	16:07	10.5	-30	-5	-5	-30	✓	150	261	261	15	5	0.0	✓
Sg-126	5193	08:58	16:00	9.7	-30	-5	-5	-30	✓	152	255	255	15	5	0.1	✓
Sg-34	45968	12:27	15:20	10.5	-30	-4	-4	-30	✓	155	250	250	15	5	0.0	✓
Sg-128	5541	09:57	15:45	9.7	-30	-5	-5	-30	✓	155	270	270	15	5	0.0	✓
Sg-8	4844	09:33	15:38	9.8	-30	-1	-1	-30		155	250	250	15	5	0.0	✓

נא לסמן את הבקרות שנעשו: (Duplicate) ☐ בלאנק ציוד (חומרים) (Equipment Blank) ☐ בלאנק רקע (Air Blank) ☐ דוגמת פיצול (SLIT) ☐

נמסר למעבדה: ע"י: ____ (חתימה) תאריך: 22/4 שעה: 18:40 | התקבל במעבדה: ע"י: ____ (חתימה) תאריך: ____ שעה: ____

נא לסמן האם הדיגום נעשה: בהסמכה: ☐ לא בהסמכה: ☐ (הרשות הלאומית להסמכת מעבדות).

מגלם
ורדי פ

פוליגון
מעבדה מוסמכת לדיגום קרקע וגז קרקע
ISO/IEC 17025:2017

שם הטופס: שרשרת משמורת לדיגום גז קרקע אקטיבי	טופס מס': pol-4-37
	מהדורה מס': 03
נכתב ע"י: [illegible] חתימה:	תקף מתאריך: 07.07.2019 / מחליף את: 04.02.2019
אושר ע"י: [illegible] חתימה:	עמוד / מתוך

שם הדוגם: [illegible] ורדי פ ; ורדי ס

שרשרת משמורת לדיגום גז קרקע אקטיבי -

דף 1 מתוך ____

נתונים כלליים:
הארגון הדוגם: פוליגון
מס הסמכה: 451
סוג מכשיר PID – ביינר GER, מס' סידורי T-109102
דקה בעיגול: מגידה מכשיר: 10.6/ 11.7
שם הדוגם: [illegible] חתימת הדוגם:

שם הפרויקט: תל אביב
זיהוי וכתובת אתר הדיגום: [illegible] ציין תאריך התקנה: ____ ציין ע"י מי בוצע התקנת הבארות: ____
תאריך הדיגום: 22/4/2020
מס' סקר חוות: ____ שם איש קשר: ____
שם היועץ והחברה מבצע הסקר: ____
תעד את שם המעבדה האנליטית: ____
תעד: תאריך הספקת הקניסטרים מהמעבדה האנליטית: ____

Probes (sg) מיקום הפרוב	מס' קניסטר	שעת התחלה	שעת סיום	Depth (עומק) מטר	Vacuum (ואקום ב-) (אינצ'/כספית) מ-	Vacuum עד	תעד לחץ סופי של הקניסטר בעת החזרה במעבדה (ואקום ב-) אינצ'/כספית	תעד לחץ התחלתי של הקניסטר בעת קבלה במעבדה (ואקום ב-) אינצ'/כספית	תעד שימוש בבעלה דליפות IPA	תעד ספיקת המשאבה ml/min	Shut In Test לחץ (אינצ'/כספית) התחלה	Shut In Test עד	משך זמן שאיבת השטיפה (דקות)	תעד את מס' נפחי השטיפה	בזמן השטיפה תעד את תת הלחץ אינצ'/כספית	TO-15 1 ppbv
sg-47	6836	07:24	[illegible]	9.3	-30	-5			✓	151	7.1	7.5	15.6	5	0.0	✓
AB	4594	10:26	15:30	9	-30	-5				~~151~~	309	309	15	5	0.0	✓
sg-62	5198	07:57	15:17	9.21	-30	-5				157	309	309	15	5	0.1	✓
sg-62(04P)	4856	07:57	15:17	9.25	-30	-1				157	309	309	15	5	0.0	✓
sg-9	4614	11:36	16:24	10.5	-30	-1				155	320	320	15	5	0.0	✓
sg-71	6833	11:10	16:32	10.5	-30	-5				150	300	300	15	5	0.0	✓
sg-48	4408	13:30	16:40	10.5	-30	-5				145	[illegible]	[illegible]	15	5	0.0	✓

נא לסמן את הבקרות שנעשו: ☐ דוגמה כפולה (Duplicate) ☐ בלאנק ציוד (חומרים) (Equipment Blank) ☐ בלאנק ריק (Air Blank) ☐ דוגמת פיצול (SLIT)

בקטוכם בע"מ

מסר למעבדה: ____ ע"י: ____ (חתימה) ____ תאריך: 22/4 שעה: 18:00 | התקבל במעבדה: ע"י: ____ (חתימה) ____ תאריך: ____ שעה: ____

נא לסמן האם הדיגום נעשה בהסמכה: ☐ בהסמכה ☐ לא בהסמכה (הרשות הלאומית להסמכת מעבדות).

תעודת בדיקה

שם הלקוח:	**אל.די.די. טכנולוגיות מתקדמות (2005) בע"מ**
מספר זיהוי הפרויקט (במעבדה):	**971123**
תאריך הדיווח:	**04.05.2020**

-CERTIFICATE OF ANALYSIS-
VOC's באוויר

זיהוי הדגימה

מספר תעודת בדיקה	971123
זיהוי הדוגמא	**Canister Cleaning and Certification**
מספר קניסטר	1914, 4355, 6836, 5197
מטריצה נבדקת	אויר

פרטי האנליזה

שיטה תקנית (EPA)	TO-15	נפח הזרקה	200ml
יחידות מידה	ug/m3	תאריך הבדיקה	12,13,26,30/04/20
כלי הדגימה	מתכת 6 ליטר		

חומר נבדק	תוצאה	LOQ	חומר נבדק	תוצאה	LOQ
Acetone	ל"ה	23.75	Ethyl Chloride	ל"ה	2.64
Benzene	ל"ה	3.19	EthylBenzene	ל"ה	4.34
Benzene, 1-ethyl-4-methyl-	ל"ה	4.92	Freon-11	ל"ה	5.62
Benzyl chloride	ל"ה	5.18	Freon-113	ל"ה	7.66
1,3-Butadiene	ל"ה	2.21	Freon-114	ל"ה	6.99
Bromodichloromethane	ל"ה	6.70	Freon-12	ל"ה	4.95
Bromoform	ל"ה	10.34	Heptane	ל"ה	4.10
Bromomethane	ל"ה	3.88	Hexachlorobutadiene	ל"ה	10.67
2-Butanone	ל"ה	2.95	Hexane	ל"ה	3.52
Carbon disulfide	ל"ה	3.11	2-Hexanone	ל"ה	4.10
Carbon tetrachloride	ל"ה	6.29	Isopropyl Alcohol	ל"ה	24.58
Chlorobenzene	ל"ה	4.60	Methyl Isobutyl Ketone	ל"ה	4.10
Chloroform	ל"ה	4.88	Methyl Methacrylate	ל"ה	4.09
Chloromethane	ל"ה	2.06	Methyl tert-Butyl ether	ל"ה	3.61
Cyclohexane	ל"ה	3.44	Methylene Chloride	ל"ה	3.47
Dibromochloromethane	ל"ה	8.52	Naphthalene	ל"ה	5.24
1,2-Dibromoethane	ל"ה	7.68	Propene	ל"ה	1.72
1,2-Dichlorobenzene	ל"ה	6.01	Styrene	ל"ה	4.26
1,3-Dichlorobenzene	ל"ה	6.01	1,1,2,2-Tetrachloroethane	ל"ה	6.87
1,4-Dichlorobenzene	ל"ה	6.01	Tetrachloroethylene	ל"ה	6.78
1,1-Dichloroethane	ל"ה	4.05	Tetrahydrofuran	ל"ה	2.95
1,2-Dichloroethane	ל"ה	4.05	Toluene	ל"ה	3.77
1,1-Dichloroethene	ל"ה	3.96	1,2,4-Trichlorobenzene	ל"ה	7.42
cis-1,2-Dichloroethene	ל"ה	3.96	1,1,1-Trichloroethane	ל"ה	5.46
trans-1,2-Dichloroethene	ל"ה	3.96	1,1,2-Trichloroethane	ל"ה	5.46
1,2-Dichloropropane	ל"ה	4.62	Trichloroethylene	ל"ה	5.37
cis-1,3-Dichloropropene	ל"ה	4.54	1,2,4-Trimethylbenzene	ל"ה	4.92
trans-1,3-Dichloropropene	ל"ה	4.54	1,3,5-Trimethylbenzene	ל"ה	4.92
1,4-Dioxane	ל"ה	3.60	Vinyl Chloride	ל"ה	2.56
Ethanol	ל"ה	18.84	o-Xylene	ל"ה	4.34
Ethyl Acetate	ל"ה	3.60	p+m - Xylene	ל"ה	4.34

(ל"ה)=לא התגלה- ערך הנמוך מהכמות המינימאלית המדווחת (Reporting Level).

****בדיקת ניקיון כוללת ציוד נלווה (לפי הנחיות לדיגום גז קרקע בשיטות אקטיביות סעיף 3.5.2.3, עמ' 5)**

בכבוד רב,
מעבדות בקטוכם בע"מ.

END OF CERTIFICATE

בקטוכם BACTOCHEM
An Emilia Development Company
08-9308308
החרש 18 נס ציונה, 7403125
service@bactochem.co.il
08-9300991, 08-9401439
18 Hacharash st., Ness Ziona
www.bactochem.co.il

תעודת בדיקה מס: 680659

Replacement Report

תעודה זו מחליפה תעודה קודמת שמספרה **672545**

פרטי הלקוח		איש קשר	
שם:	וריידיס קרקעות מזוהמות בע"מ	שם:	
כתובת:	המנוף 3	טלפון:	
עיר:	רחובות	סלולרי:	
מיקוד:		פקס:	

הזמנת עבודה:	**D220420-0093**	**אתר דיגום:**	**תמל 1023 תל השומר**
מס' טופס הנטילה	טופס נטילה של לקוח	**מועד הגעת הדגימות**	22/04/2020 18:40:00
נדגם ע"י	זהר גל	**נטילה**	pdf.0000369637
קובץ	pdf.0000371243		

תיאור הדוגמה: קניסטר 6836, Sg-127 **מספר הדוגמה:** **971998**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 22/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	התגלה. תקין		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		
1,1,2-trichloroethane	Not Detected		ug/m3	<5.47		
1,1-dichloroethane	Not Detected		ug/m3	<4.06		
1,1-dichloroethene	Not Detected		ug/m3	<3.97		
1,2,4-trichlorobenzene	Not Detected		ug/m3	<7.44		
1,2,4-trimethylbenzene	Not Detected		ug/m3	<4.94		
1,2-dibromoethane	Not Detected		ug/m3	<7.70		
1,2-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,2-dichloroethane	Not Detected		ug/m3	<4.06		
1,2-dichloropropane	Not Detected		ug/m3	<4.63		
1,3,5-trimethylbenzene	Not Detected		ug/m3	<4.93		
1,3-butadiene	Not Detected		ug/m3	<2.22		
1,3-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dioxane	Not Detected		ug/m3	<3.61		
1-ethyl-4-methyl-Benzene	Not Detected		ug/m3	<4.93		
2-butanone	15.54		ug/m3	<2.96		
2-hexanone	11.28		ug/m3	<4.11		
Acetone	72.96		ug/m3	<23.8		
Benzene	23.86		ug/m3	<3.20		
Benzyl chloride	Not Detected		ug/m3	<5.19		
Bromodichloromethane	Not Detected		ug/m3	<6.72		

Bromoform	Not Detected		ug/m3	<10.36		
Bromomethane	Not Detected		ug/m3	<3.89		
Carbon disulfide	Not Detected		ug/m3	<3.12		
Carbon tetrachloride	Not Detected		ug/m3	<6.31		
Chlorobenzene	Not Detected		ug/m3	<4.61		
Chloroform	Not Detected		ug/m3	<4.89		
Chloromethane	3.17		ug/m3	<2.07		
Cis-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Cis-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Cyclohexane	Not Detected		ug/m3	<3.45		
Dibromochloromethane	Not Detected		ug/m3	<8.54		
Ethanol	635.17		ug/m3	<18.9		
Ethyl acetate	Not Detected		ug/m3	<3.61		
Ethyl chloride	Not Detected		ug/m3	<2.65		
Ethylbenzene	Not Detected		ug/m3	<4.35		
Freon-11	55.73		ug/m3	<5.63		
Freon-113	Not Detected		ug/m3	<7.68		
Freon-114	Not Detected		ug/m3	<7.01		
Freon-12	Not Detected		ug/m3	<4.96		
Heptane	Not Detected		ug/m3	<4.11		
Hexachlorobutadiene	Not Detected		ug/m3	<10.69		
Hexane	Not Detected		ug/m3	<3.53		
Isopropyl alcohol	113.07		ug/m3	<24.6		
Methyl isobutyl ketone	Not Detected		ug/m3	<4.11		
Methyl methacrylate	Not Detected		ug/m3	<4.09		
Methyl tert-butyl ether	Not Detected		ug/m3	<3.61		
Methylene chloride	Not Detected		ug/m3	<3.48		
Naphthalene	Not Detected		ug/m3	<5.24		
O-xylene	Not Detected		ug/m3	<4.35		
P+m - xylene	Not Detected		ug/m3	<4.35		
Propene	60.86		ug/m3	<1.73		
Styrene	Not Detected		ug/m3	<4.27		
Tetrachloroethylene	Not Detected		ug/m3	<6.80		
Tetrahydrofuran	Not Detected		ug/m3	<2.96		
Toluene	Not Detected		ug/m3	<3.78		
Trans-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Trans-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Trichloroethylene	Not Detected		ug/m3	<5.39		
Vinyl chloride	Not Detected		ug/m3	<2.56		

תיאור הדוגמה: קניסטר 4594 , AB **מספר הדוגמה:** **972345**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 22/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	לא נדרש עבור דיגום בלנק		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		

		<5.47	ug/m3		Not Detected	1,1,2-trichloroethane
		<4.06	ug/m3		Not Detected	1,1-dichloroethane
		<3.97	ug/m3		Not Detected	1,1-dichloroethene
		<7.44	ug/m3		Not Detected	1,2,4-trichlorobenzene
		<4.94	ug/m3		Not Detected	1,2,4-trimethylbenzene
		<7.70	ug/m3		Not Detected	1,2-dibromoethane
		<6.03	ug/m3		Not Detected	1,2-dichlorobenzene
		<4.06	ug/m3		Not Detected	1,2-dichloroethane
		<4.63	ug/m3		Not Detected	1,2-dichloropropane
		<4.93	ug/m3		Not Detected	1,3,5-trimethylbenzene
		<2.22	ug/m3		Not Detected	1,3-butadiene
		<6.03	ug/m3		Not Detected	1,3-dichlorobenzene
		<6.03	ug/m3		Not Detected	1,4-dichlorobenzene
		<3.61	ug/m3		Not Detected	1,4-dioxane
		<4.93	ug/m3		Not Detected	1-ethyl-4-methyl-Benzene
		<2.96	ug/m3		Not Detected	2-butanone
		<4.11	ug/m3		Not Detected	2-hexanone
		<23.8	ug/m3		Not Detected	Acetone
		<3.20	ug/m3		Not Detected	Benzene
		<5.19	ug/m3		Not Detected	Benzyl chloride
		<6.72	ug/m3		Not Detected	Bromodichloromethane
		<10.36	ug/m3		Not Detected	Bromoform
		<3.89	ug/m3		Not Detected	Bromomethane
		<3.12	ug/m3		Not Detected	Carbon disulfide
		<6.31	ug/m3		Not Detected	Carbon tetrachloride
		<4.61	ug/m3		Not Detected	Chlorobenzene
		<4.89	ug/m3		Not Detected	Chloroform
		<2.07	ug/m3		Not Detected	Chloromethane
		<3.97	ug/m3		Not Detected	Cis-1,2-dichloroethene
		<4.55	ug/m3		Not Detected	Cis-1,3-dichloropropene
		<3.45	ug/m3		Not Detected	Cyclohexane
		<8.54	ug/m3		Not Detected	Dibromochloromethane
		<18.9	ug/m3		62.48	Ethanol
		<3.61	ug/m3		Not Detected	Ethyl acetate
		<2.65	ug/m3		Not Detected	Ethyl chloride
		<4.35	ug/m3		Not Detected	Ethylbenzene
		<5.63	ug/m3		Not Detected	Freon-11
		<7.68	ug/m3		Not Detected	Freon-113
		<7.01	ug/m3		Not Detected	Freon-114
		<4.96	ug/m3		Not Detected	Freon-12
		<4.11	ug/m3		Not Detected	Heptane
		<10.69	ug/m3		Not Detected	Hexachlorobutadiene
		<3.53	ug/m3		Not Detected	Hexane
		<24.6	ug/m3		<24.6	Isopropyl alcohol
		<4.11	ug/m3		Not Detected	Methyl isobutyl ketone
		<4.09	ug/m3		Not Detected	Methyl methacrylate
		<3.61	ug/m3		Not Detected	Methyl tert-butyl ether
		<3.48	ug/m3		12.30	Methylene chloride
		<5.24	ug/m3		Not Detected	Naphthalene
		<4.35	ug/m3		Not Detected	O-xylene
		<4.35	ug/m3		Not Detected	P+m - xylene
		<1.73	ug/m3		Not Detected	Propene
		<4.27	ug/m3		Not Detected	Styrene

Tetrachloroethylene	Not Detected		ug/m3	<6.80		
Tetrahydrofuran	Not Detected		ug/m3	<2.96		
Toluene	Not Detected		ug/m3	<3.78		
Trans-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Trans-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Trichloroethylene	Not Detected		ug/m3	<5.39		
Vinyl chloride	Not Detected		ug/m3	<2.56		

תיאור הדוגמה: קניסטר 5198, Sg-62 **מספר הדוגמה:** **972346**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 22/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	התגלה. תקין		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		
1,1,2-trichloroethane	Not Detected		ug/m3	<5.47		
1,1-dichloroethane	Not Detected		ug/m3	<4.06		
1,1-dichloroethene	Not Detected		ug/m3	<3.97		
1,2,4-trichlorobenzene	Not Detected		ug/m3	<7.44		
1,2,4-trimethylbenzene	Not Detected		ug/m3	<4.94		
1,2-dibromoethane	Not Detected		ug/m3	<7.70		
1,2-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,2-dichloroethane	Not Detected		ug/m3	<4.06		
1,2-dichloropropane	Not Detected		ug/m3	<4.63		
1,3,5-trimethylbenzene	Not Detected		ug/m3	<4.93		
1,3-butadiene	Not Detected		ug/m3	<2.22		
1,3-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dioxane	Not Detected		ug/m3	<3.61		
1-ethyl-4-methyl-Benzene	Not Detected		ug/m3	<4.93		
2-butanone	11.18		ug/m3	<2.96		
2-hexanone	Not Detected		ug/m3	<4.11		
Acetone	53.70		ug/m3	<23.8		
Benzene	8.11		ug/m3	<3.20		
Benzyl chloride	Not Detected		ug/m3	<5.19		
Bromodichloromethane	Not Detected		ug/m3	<6.72		
Bromoform	Not Detected		ug/m3	<10.36		
Bromomethane	Not Detected		ug/m3	<3.89		
Carbon disulfide	Not Detected		ug/m3	<3.12		
Carbon tetrachloride	Not Detected		ug/m3	<6.31		
Chlorobenzene	Not Detected		ug/m3	<4.61		
Chloroform	Not Detected		ug/m3	<4.89		
Chloromethane	Not Detected		ug/m3	<2.07		
Cis-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Cis-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Cyclohexane	Not Detected		ug/m3	<3.45		
Dibromochloromethane	Not Detected		ug/m3	<8.54		

Ethanol	160.22		ug/m3	<18.9		
Ethyl acetate	Not Detected		ug/m3	<3.61		
Ethyl chloride	Not Detected		ug/m3	<2.65		
Ethylbenzene	Not Detected		ug/m3	<4.35		
Freon-11	24.60		ug/m3	<5.63		
Freon-113	Not Detected		ug/m3	<7.68		
Freon-114	Not Detected		ug/m3	<7.01		
Freon-12	Not Detected		ug/m3	<4.96		
Heptane	Not Detected		ug/m3	<4.11		
Hexachlorobutadiene	Not Detected		ug/m3	<10.69		
Hexane	Not Detected		ug/m3	<3.53		
Isopropyl alcohol	45.55		ug/m3	<24.6		
Methyl isobutyl ketone	Not Detected		ug/m3	<4.11		
Methyl methacrylate	Not Detected		ug/m3	<4.09		
Methyl tert-butyl ether	Not Detected		ug/m3	<3.61		
Methylene chloride	Not Detected		ug/m3	<3.48		
Naphthalene	Not Detected		ug/m3	<5.24		
O-xylene	Not Detected		ug/m3	<4.35		
P+m - xylene	Not Detected		ug/m3	<4.35		
Propene	40.23		ug/m3	<1.73		
Styrene	Not Detected		ug/m3	<4.27		
Tetrachloroethylene	Not Detected		ug/m3	<6.80		
Tetrahydrofuran	Not Detected		ug/m3	<2.96		
Toluene	Not Detected		ug/m3	<3.78		
Trans-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Trans-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Trichloroethylene	Not Detected		ug/m3	<5.39		
Vinyl chloride	Not Detected		ug/m3	<2.56		

תיאור הדוגמה: קניסטר 4856, Sg-62-DUP **מספר הדוגמה:** **972347**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 22/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	התגלה. תקין		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		
1,1,2-trichloroethane	Not Detected		ug/m3	<5.47		
1,1-dichloroethane	Not Detected		ug/m3	<4.06		
1,1-dichloroethene	Not Detected		ug/m3	<3.97		
1,2,4-trichlorobenzene	Not Detected		ug/m3	<7.44		
1,2,4-trimethylbenzene	Not Detected		ug/m3	<4.94		
1,2-dibromoethane	Not Detected		ug/m3	<7.70		
1,2-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,2-dichloroethane	Not Detected		ug/m3	<4.06		
1,2-dichloropropane	Not Detected		ug/m3	<4.63		
1,3,5-trimethylbenzene	Not Detected		ug/m3	<4.93		
1,3-butadiene	Not Detected		ug/m3	<2.22		

1,3-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dioxane	Not Detected		ug/m3	<3.61		
1-ethyl-4-methyl-Benzene	Not Detected		ug/m3	<4.93		
2-butanone	12.39		ug/m3	<2.96		
2-hexanone	Not Detected		ug/m3	<4.11		
Acetone	63.08		ug/m3	<23.8		
Benzene	9.56		ug/m3	<3.20		
Benzyl chloride	Not Detected		ug/m3	<5.19		
Bromodichloromethane	Not Detected		ug/m3	<6.72		
Bromoform	Not Detected		ug/m3	<10.36		
Bromomethane	Not Detected		ug/m3	<3.89		
Carbon disulfide	Not Detected		ug/m3	<3.12		
Carbon tetrachloride	Not Detected		ug/m3	<6.31		
Chlorobenzene	Not Detected		ug/m3	<4.61		
Chloroform	Not Detected		ug/m3	<4.89		
Chloromethane	Not Detected		ug/m3	<2.07		
Cis-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Cis-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Cyclohexane	Not Detected		ug/m3	<3.45		
Dibromochloromethane	Not Detected		ug/m3	<8.54		
Ethanol	237.22		ug/m3	<18.9		
Ethyl acetate	Not Detected		ug/m3	<3.61		
Ethyl chloride	Not Detected		ug/m3	<2.65		
Ethylbenzene	Not Detected		ug/m3	<4.35		
Freon-11	23.98		ug/m3	<5.63		
Freon-113	Not Detected		ug/m3	<7.68		
Freon-114	Not Detected		ug/m3	<7.01		
Freon-12	Not Detected		ug/m3	<4.96		
Heptane	Not Detected		ug/m3	<4.11		
Hexachlorobutadiene	Not Detected		ug/m3	<10.69		
Hexane	Not Detected		ug/m3	<3.53		
Isopropyl alcohol	62.55		ug/m3	<24.6		
Methyl isobutyl ketone	Not Detected		ug/m3	<4.11		
Methyl methacrylate	Not Detected		ug/m3	<4.09		
Methyl tert-butyl ether	Not Detected		ug/m3	<3.61		
Methylene chloride	Not Detected		ug/m3	<3.48		
Naphthalene	Not Detected		ug/m3	<5.24		
O-xylene	Not Detected		ug/m3	<4.35		
P+m - xylene	Not Detected		ug/m3	<4.35		
Propene	47.14		ug/m3	<1.73		
Styrene	Not Detected		ug/m3	<4.27		
Tetrachloroethylene	Not Detected		ug/m3	<6.80		
Tetrahydrofuran	Not Detected		ug/m3	<2.96		
Toluene	Not Detected		ug/m3	<3.78		
Trans-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Trans-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Trichloroethylene	Not Detected		ug/m3	<5.39		
Vinyl chloride	Not Detected		ug/m3	<2.56		

תיאור הדוגמה: קניסטר 4614, Sg-9 **מספר הדוגמה:** **972348**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 22/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	התגלה. תקין		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		
1,1,2-trichloroethane	Not Detected		ug/m3	<5.47		
1,1-dichloroethane	Not Detected		ug/m3	<4.06		
1,1-dichloroethene	Not Detected		ug/m3	<3.97		
1,2,4-trichlorobenzene	Not Detected		ug/m3	<7.44		
1,2,4-trimethylbenzene	Not Detected		ug/m3	<4.94		
1,2-dibromoethane	Not Detected		ug/m3	<7.70		
1,2-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,2-dichloroethane	Not Detected		ug/m3	<4.06		
1,2-dichloropropane	Not Detected		ug/m3	<4.63		
1,3,5-trimethylbenzene	Not Detected		ug/m3	<4.93		
1,3-butadiene	Not Detected		ug/m3	<2.22		
1,3-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dioxane	Not Detected		ug/m3	<3.61		
1-ethyl-4-methyl-Benzene	Not Detected		ug/m3	<4.93		
2-butanone	Not Detected		ug/m3	<2.96		
2-hexanone	27.65		ug/m3	<4.11		
Acetone	92.29		ug/m3	<23.8		
Benzene	Not Detected		ug/m3	<3.20		
Benzyl chloride	Not Detected		ug/m3	<5.19		
Bromodichloromethane	Not Detected		ug/m3	<6.72		
Bromoform	Not Detected		ug/m3	<10.36		
Bromomethane	Not Detected		ug/m3	<3.89		
Carbon disulfide	Not Detected		ug/m3	<3.12		
Carbon tetrachloride	Not Detected		ug/m3	<6.31		
Chlorobenzene	Not Detected		ug/m3	<4.61		
Chloroform	Not Detected		ug/m3	<4.89		
Chloromethane	Not Detected		ug/m3	<2.07		
Cis-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Cis-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Cyclohexane	Not Detected		ug/m3	<3.45		
Dibromochloromethane	Not Detected		ug/m3	<8.54		
Ethanol	216.31		ug/m3	<18.9		
Ethyl acetate	Not Detected		ug/m3	<3.61		
Ethyl chloride	Not Detected		ug/m3	<2.65		
Ethylbenzene	Not Detected		ug/m3	<4.35		
Freon-11	Not Detected		ug/m3	<5.63		
Freon-113	Not Detected		ug/m3	<7.68		
Freon-114	Not Detected		ug/m3	<7.01		
Freon-12	Not Detected		ug/m3	<4.96		
Heptane	Not Detected		ug/m3	<4.11		
Hexachlorobutadiene	Not Detected		ug/m3	<10.69		
Hexane	Not Detected		ug/m3	<3.53		

Isopropyl alcohol	<24.6		ug/m3	<24.6		
Methyl isobutyl ketone	Not Detected		ug/m3	<4.11		
Methyl methacrylate	Not Detected		ug/m3	<4.09		
Methyl tert-butyl ether	Not Detected		ug/m3	<3.61		
Methylene chloride	Not Detected		ug/m3	<3.48		
Naphthalene	Not Detected		ug/m3	<5.24		
O-xylene	Not Detected		ug/m3	<4.35		
P+m - xylene	Not Detected		ug/m3	<4.35		
Propene	249.21		ug/m3	<1.73		
Styrene	Not Detected		ug/m3	<4.27		
Tetrachloroethylene	Not Detected		ug/m3	<6.80		
Tetrahydrofuran	Not Detected		ug/m3	<2.96		
Toluene	13.34		ug/m3	<3.78		
Trans-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Trans-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Trichloroethylene	11.34		ug/m3	<5.39		
Vinyl chloride	Not Detected		ug/m3	<2.56		

תיאור הדוגמה: קניסטר 6833, Sg-71 **מספר הדוגמה:** **972349**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 22/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	התגלה. תקין		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		
1,1,2-trichloroethane	Not Detected		ug/m3	<5.47		
1,1-dichloroethane	Not Detected		ug/m3	<4.06		
1,1-dichloroethene	Not Detected		ug/m3	<3.97		
1,2,4-trichlorobenzene	Not Detected		ug/m3	<7.44		
1,2,4-trimethylbenzene	Not Detected		ug/m3	<4.94		
1,2-dibromoethane	Not Detected		ug/m3	<7.70		
1,2-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,2-dichloroethane	Not Detected		ug/m3	<4.06		
1,2-dichloropropane	Not Detected		ug/m3	<4.63		
1,3,5-trimethylbenzene	Not Detected		ug/m3	<4.93		
1,3-butadiene	Not Detected		ug/m3	<2.22		
1,3-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dioxane	Not Detected		ug/m3	<3.61		
1-ethyl-4-methyl-Benzene	Not Detected		ug/m3	<4.93		
2-butanone	12.53		ug/m3	<2.96		
2-hexanone	12.78		ug/m3	<4.11		
Acetone	53.35		ug/m3	<23.8		
Benzene	8.02		ug/m3	<3.20		
Benzyl chloride	Not Detected		ug/m3	<5.19		
Bromodichloromethane	Not Detected		ug/m3	<6.72		
Bromoform	Not Detected		ug/m3	<10.36		

Bromomethane	Not Detected		<3.89	ug/m3		
Carbon disulfide	Not Detected		<3.12	ug/m3		
Carbon tetrachloride	Not Detected		<6.31	ug/m3		
Chlorobenzene	Not Detected		<4.61	ug/m3		
Chloroform	Not Detected		<4.89	ug/m3		
Chloromethane	Not Detected		<2.07	ug/m3		
Cis-1,2-dichloroethene	Not Detected		<3.97	ug/m3		
Cis-1,3-dichloropropene	Not Detected		<4.55	ug/m3		
Cyclohexane	Not Detected		<3.45	ug/m3		
Dibromochloromethane	Not Detected		<8.54	ug/m3		
Ethanol	210.28		<18.9	ug/m3		
Ethyl acetate	Not Detected		<3.61	ug/m3		
Ethyl chloride	Not Detected		<2.65	ug/m3		
Ethylbenzene	Not Detected		<4.35	ug/m3		
Freon-11	Not Detected		<5.63	ug/m3		
Freon-113	Not Detected		<7.68	ug/m3		
Freon-114	Not Detected		<7.01	ug/m3		
Freon-12	Not Detected		<4.96	ug/m3		
Heptane	Not Detected		<4.11	ug/m3		
Hexachlorobutadiene	Not Detected		<10.69	ug/m3		
Hexane	Not Detected		<3.53	ug/m3		
Isopropyl alcohol	35.86		<24.6	ug/m3		
Methyl isobutyl ketone	Not Detected		<4.11	ug/m3		
Methyl methacrylate	Not Detected		<4.09	ug/m3		
Methyl tert-butyl ether	Not Detected		<3.61	ug/m3		
Methylene chloride	Not Detected		<3.48	ug/m3		
Naphthalene	Not Detected		<5.24	ug/m3		
O-xylene	Not Detected		<4.35	ug/m3		
P+m - xylene	Not Detected		<4.35	ug/m3		
Propene	56.85		<1.73	ug/m3		
Styrene	Not Detected		<4.27	ug/m3		
Tetrachloroethylene	Not Detected		<6.80	ug/m3		
Tetrahydrofuran	Not Detected		<2.96	ug/m3		
Toluene	Not Detected		<3.78	ug/m3		
Trans-1,2-dichloroethene	Not Detected		<3.97	ug/m3		
Trans-1,3-dichloropropene	Not Detected		<4.55	ug/m3		
Trichloroethylene	Not Detected		<5.39	ug/m3		
Vinyl chloride	Not Detected		<2.56	ug/m3		

תיאור הדוגמה: קניסטר H4081, Sg-118 **מספר הדוגמה:** **972350**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 22/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	התגלה. תקין		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		
1,1,2-trichloroethane	Not Detected		ug/m3	<5.47		

		<4.06	ug/m3		Not Detected	1,1-dichloroethane
		<3.97	ug/m3		Not Detected	1,1-dichloroethene
		<7.44	ug/m3		Not Detected	1,2,4-trichlorobenzene
		<4.94	ug/m3		Not Detected	1,2,4-trimethylbenzene
		<7.70	ug/m3		Not Detected	1,2-dibromoethane
		<6.03	ug/m3		Not Detected	1,2-dichlorobenzene
		<4.06	ug/m3		Not Detected	1,2-dichloroethane
		<4.63	ug/m3		Not Detected	1,2-dichloropropane
		<4.93	ug/m3		Not Detected	1,3,5-trimethylbenzene
		<2.22	ug/m3		Not Detected	1,3-butadiene
		<6.03	ug/m3		Not Detected	1,3-dichlorobenzene
		<6.03	ug/m3		Not Detected	1,4-dichlorobenzene
		<3.61	ug/m3		Not Detected	1,4-dioxane
		<4.93	ug/m3		Not Detected	1-ethyl-4-methyl-Benzene
		<2.96	ug/m3		6.05	2-butanone
		<4.11	ug/m3		7.13	2-hexanone
		<23.8	ug/m3		43.73	Acetone
		<3.20	ug/m3		8.75	Benzene
		<5.19	ug/m3		Not Detected	Benzyl chloride
		<6.72	ug/m3		Not Detected	Bromodichloromethane
		<10.36	ug/m3		Not Detected	Bromoform
		<3.89	ug/m3		Not Detected	Bromomethane
		<3.12	ug/m3		Not Detected	Carbon disulfide
		<6.31	ug/m3		Not Detected	Carbon tetrachloride
		<4.61	ug/m3		Not Detected	Chlorobenzene
		<4.89	ug/m3		Not Detected	Chloroform
		<2.07	ug/m3		Not Detected	Chloromethane
		<3.97	ug/m3		Not Detected	Cis-1,2-dichloroethene
		<4.55	ug/m3		Not Detected	Cis-1,3-dichloropropene
		<3.45	ug/m3		Not Detected	Cyclohexane
		<8.54	ug/m3		Not Detected	Dibromochloromethane
		<18.9	ug/m3		188.42	Ethanol
		<3.61	ug/m3		Not Detected	Ethyl acetate
		<2.65	ug/m3		Not Detected	Ethyl chloride
		<4.35	ug/m3		Not Detected	Ethylbenzene
		<5.63	ug/m3		Not Detected	Freon-11
		<7.68	ug/m3		Not Detected	Freon-113
		<7.01	ug/m3		Not Detected	Freon-114
		<4.96	ug/m3		Not Detected	Freon-12
		<4.11	ug/m3		Not Detected	Heptane
		<10.69	ug/m3		Not Detected	Hexachlorobutadiene
		<3.53	ug/m3		Not Detected	Hexane
		<24.6	ug/m3		38.86	Isopropyl alcohol
		<4.11	ug/m3		Not Detected	Methyl isobutyl ketone
		<4.09	ug/m3		Not Detected	Methyl methacrylate
		<3.61	ug/m3		Not Detected	Methyl tert-butyl ether
		<3.48	ug/m3		Not Detected	Methylene chloride
		<5.24	ug/m3		Not Detected	Naphthalene
		<4.35	ug/m3		Not Detected	O-xylene
		<4.35	ug/m3		Not Detected	P+m - xylene
		<1.73	ug/m3		24.01	Propene
		<4.27	ug/m3		Not Detected	Styrene
		<6.80	ug/m3		Not Detected	Tetrachloroethylene

Tetrahydrofuran	Not Detected		<2.96	ug/m3		
Toluene	Not Detected		<3.78	ug/m3		
Trans-1,2-dichloroethene	Not Detected		<3.97	ug/m3		
Trans-1,3-dichloropropene	Not Detected		<4.55	ug/m3		
Trichloroethylene	Not Detected		<5.39	ug/m3		
Vinyl chloride	Not Detected		<2.56	ug/m3		

תיאור הדוגמה: קניסטר Sg-101 ,5189 **מספר הדוגמה:** **972351**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 22/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	התגלה. תקין		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		
1,1,2-trichloroethane	Not Detected		ug/m3	<5.47		
1,1-dichloroethane	Not Detected		ug/m3	<4.06		
1,1-dichloroethene	Not Detected		ug/m3	<3.97		
1,2,4-trichlorobenzene	Not Detected		ug/m3	<7.44		
1,2,4-trimethylbenzene	Not Detected		ug/m3	<4.94		
1,2-dibromoethane	Not Detected		ug/m3	<7.70		
1,2-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,2-dichloroethane	Not Detected		ug/m3	<4.06		
1,2-dichloropropane	Not Detected		ug/m3	<4.63		
1,3,5-trimethylbenzene	Not Detected		ug/m3	<4.93		
1,3-butadiene	Not Detected		ug/m3	<2.22		
1,3-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dioxane	Not Detected		ug/m3	<3.61		
1-ethyl-4-methyl-Benzene	Not Detected		ug/m3	<4.93		
2-butanone	3.83		ug/m3	<2.96		
2-hexanone	Not Detected		ug/m3	<4.11		
Acetone	26.75		ug/m3	<23.8		
Benzene	Not Detected		ug/m3	<3.20		
Benzyl chloride	Not Detected		ug/m3	<5.19		
Bromodichloromethane	Not Detected		ug/m3	<6.72		
Bromoform	Not Detected		ug/m3	<10.36		
Bromomethane	Not Detected		ug/m3	<3.89		
Carbon disulfide	Not Detected		ug/m3	<3.12		
Carbon tetrachloride	Not Detected		ug/m3	<6.31		
Chlorobenzene	Not Detected		ug/m3	<4.61		
Chloroform	Not Detected		ug/m3	<4.89		
Chloromethane	Not Detected		ug/m3	<2.07		
Cis-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Cis-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Cyclohexane	Not Detected		ug/m3	<3.45		
Dibromochloromethane	Not Detected		ug/m3	<8.54		
Ethanol	21.12		ug/m3	<18.9		

Ethyl acetate	Not Detected		<3.61	ug/m3		
Ethyl chloride	Not Detected		<2.65	ug/m3		
Ethylbenzene	Not Detected		<4.35	ug/m3		
Freon-11	Not Detected		<5.63	ug/m3		
Freon-113	Not Detected		<7.68	ug/m3		
Freon-114	Not Detected		<7.01	ug/m3		
Freon-12	Not Detected		<4.96	ug/m3		
Heptane	Not Detected		<4.11	ug/m3		
Hexachlorobutadiene	Not Detected		<10.69	ug/m3		
Hexane	Not Detected		<3.53	ug/m3		
Isopropyl alcohol	64.05		<24.6	ug/m3		
Methyl isobutyl ketone	Not Detected		<4.11	ug/m3		
Methyl methacrylate	Not Detected		<4.09	ug/m3		
Methyl tert-butyl ether	Not Detected		<3.61	ug/m3		
Methylene chloride	Not Detected		<3.48	ug/m3		
Naphthalene	Not Detected		<5.24	ug/m3		
O-xylene	Not Detected		<4.35	ug/m3		
P+m - xylene	Not Detected		<4.35	ug/m3		
Propene	Not Detected		<1.73	ug/m3		
Styrene	Not Detected		<4.27	ug/m3		
Tetrachloroethylene	41.85		<6.80	ug/m3		
Tetrahydrofuran	Not Detected		<2.96	ug/m3		
Toluene	Not Detected		<3.78	ug/m3		
Trans-1,2-dichloroethene	Not Detected		<3.97	ug/m3		
Trans-1,3-dichloropropene	Not Detected		<4.55	ug/m3		
Trichloroethylene	Not Detected		<5.39	ug/m3		
Vinyl chloride	Not Detected		<2.56	ug/m3		

תיאור הדוגמה: קניסטר 1914, Sg-122 **מספר הדוגמה:** **972352**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 22/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	התגלה. תקין		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		
1,1,2-trichloroethane	Not Detected		ug/m3	<5.47		
1,1-dichloroethane	Not Detected		ug/m3	<4.06		
1,1-dichloroethene	Not Detected		ug/m3	<3.97		
1,2,4-trichlorobenzene	Not Detected		ug/m3	<7.44		
1,2,4-trimethylbenzene	Not Detected		ug/m3	<4.94		
1,2-dibromoethane	Not Detected		ug/m3	<7.70		
1,2-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,2-dichloroethane	Not Detected		ug/m3	<4.06		
1,2-dichloropropane	Not Detected		ug/m3	<4.63		
1,3,5-trimethylbenzene	Not Detected		ug/m3	<4.93		
1,3-butadiene	Not Detected		ug/m3	<2.22		
1,3-dichlorobenzene	Not Detected		ug/m3	<6.03		

1,4-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dioxane	Not Detected		ug/m3	<3.61		
1-ethyl-4-methyl-Benzene	Not Detected		ug/m3	<4.93		
2-butanone	5.31		ug/m3	<2.96		
2-hexanone	Not Detected		ug/m3	<4.11		
Acetone	43.95		ug/m3	<23.8		
Benzene	18.85		ug/m3	<3.20		
Benzyl chloride	Not Detected		ug/m3	<5.19		
Bromodichloromethane	Not Detected		ug/m3	<6.72		
Bromoform	Not Detected		ug/m3	<10.36		
Bromomethane	Not Detected		ug/m3	<3.89		
Carbon disulfide	Not Detected		ug/m3	<3.12		
Carbon tetrachloride	Not Detected		ug/m3	<6.31		
Chlorobenzene	Not Detected		ug/m3	<4.61		
Chloroform	Not Detected		ug/m3	<4.89		
Chloromethane	Not Detected		ug/m3	<2.07		
Cis-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Cis-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Cyclohexane	Not Detected		ug/m3	<3.45		
Dibromochloromethane	Not Detected		ug/m3	<8.54		
Ethanol	283.01		ug/m3	<18.9		
Ethyl acetate	Not Detected		ug/m3	<3.61		
Ethyl chloride	Not Detected		ug/m3	<2.65		
Ethylbenzene	Not Detected		ug/m3	<4.35		
Freon-11	7.08		ug/m3	<5.63		
Freon-113	Not Detected		ug/m3	<7.68		
Freon-114	Not Detected		ug/m3	<7.01		
Freon-12	Not Detected		ug/m3	<4.96		
Heptane	Not Detected		ug/m3	<4.11		
Hexachlorobutadiene	Not Detected		ug/m3	<10.69		
Hexane	Not Detected		ug/m3	<3.53		
Isopropyl alcohol	58.84		ug/m3	<24.6		
Methyl isobutyl ketone	Not Detected		ug/m3	<4.11		
Methyl methacrylate	Not Detected		ug/m3	<4.09		
Methyl tert-butyl ether	Not Detected		ug/m3	<3.61		
Methylene chloride	Not Detected		ug/m3	<3.48		
Naphthalene	Not Detected		ug/m3	<5.24		
O-xylene	Not Detected		ug/m3	<4.35		
P+m - xylene	Not Detected		ug/m3	<4.35		
Propene	55.75		ug/m3	<1.73		
Styrene	Not Detected		ug/m3	<4.27		
Tetrachloroethylene	Not Detected		ug/m3	<6.80		
Tetrahydrofuran	Not Detected		ug/m3	<2.96		
Toluene	Not Detected		ug/m3	<3.78		
Trans-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Trans-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Trichloroethylene	Not Detected		ug/m3	<5.39		
Vinyl chloride	Not Detected		ug/m3	<2.56		

תיאור הדוגמה: קניסטר 5193, Sg-126 **מספר הדוגמה:** **972353**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 22/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	התגלה. תקין		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		
1,1,2-trichloroethane	Not Detected		ug/m3	<5.47		
1,1-dichloroethane	Not Detected		ug/m3	<4.06		
1,1-dichloroethene	Not Detected		ug/m3	<3.97		
1,2,4-trichlorobenzene	Not Detected		ug/m3	<7.44		
1,2,4-trimethylbenzene	Not Detected		ug/m3	<4.94		
1,2-dibromoethane	Not Detected		ug/m3	<7.70		
1,2-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,2-dichloroethane	Not Detected		ug/m3	<4.06		
1,2-dichloropropane	Not Detected		ug/m3	<4.63		
1,3,5-trimethylbenzene	Not Detected		ug/m3	<4.93		
1,3-butadiene	Not Detected		ug/m3	<2.22		
1,3-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dioxane	Not Detected		ug/m3	<3.61		
1-ethyl-4-methyl-Benzene	Not Detected		ug/m3	<4.93		
2-butanone	7.15		ug/m3	<2.96		
2-hexanone	7.18		ug/m3	<4.11		
Acetone	51.62		ug/m3	<23.8		
Benzene	4.41		ug/m3	<3.20		
Benzyl chloride	Not Detected		ug/m3	<5.19		
Bromodichloromethane	Not Detected		ug/m3	<6.72		
Bromoform	Not Detected		ug/m3	<10.36		
Bromomethane	Not Detected		ug/m3	<3.89		
Carbon disulfide	Not Detected		ug/m3	<3.12		
Carbon tetrachloride	Not Detected		ug/m3	<6.31		
Chlorobenzene	Not Detected		ug/m3	<4.61		
Chloroform	Not Detected		ug/m3	<4.89		
Chloromethane	Not Detected		ug/m3	<2.07		
Cis-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Cis-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Cyclohexane	Not Detected		ug/m3	<3.45		
Dibromochloromethane	Not Detected		ug/m3	<8.54		
Ethanol	127.39		ug/m3	<18.9		
Ethyl acetate	Not Detected		ug/m3	<3.61		
Ethyl chloride	Not Detected		ug/m3	<2.65		
Ethylbenzene	Not Detected		ug/m3	<4.35		
Freon-11	46.20		ug/m3	<5.63		
Freon-113	Not Detected		ug/m3	<7.68		
Freon-114	Not Detected		ug/m3	<7.01		
Freon-12	Not Detected		ug/m3	<4.96		
Heptane	Not Detected		ug/m3	<4.11		
Hexachlorobutadiene	Not Detected		ug/m3	<10.69		
Hexane	Not Detected		ug/m3	<3.53		
Isopropyl alcohol	<24.6		ug/m3	<24.6		

Methyl isobutyl ketone	Not Detected		ug/m3	<4.11		
Methyl methacrylate	Not Detected		ug/m3	<4.09		
Methyl tert-butyl ether	Not Detected		ug/m3	<3.61		
Methylene chloride	Not Detected		ug/m3	<3.48		
Naphthalene	Not Detected		ug/m3	<5.24		
O-xylene	Not Detected		ug/m3	<4.35		
P+m - xylene	Not Detected		ug/m3	<4.35		
Propene	94.01		ug/m3	<1.73		
Styrene	Not Detected		ug/m3	<4.27		
Tetrachloroethylene	12.09		ug/m3	<6.80		
Tetrahydrofuran	Not Detected		ug/m3	<2.96		
Toluene	Not Detected		ug/m3	<3.78		
Trans-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Trans-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Trichloroethylene	Not Detected		ug/m3	<5.39		
Vinyl chloride	Not Detected		ug/m3	<2.56		

תיאור הדוגמה: קניסטר 4596B, Sg-34 **מספר הדוגמה:** **972354**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 22/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	התגלה. תקין		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		
1,1,2-trichloroethane	Not Detected		ug/m3	<5.47		
1,1-dichloroethane	Not Detected		ug/m3	<4.06		
1,1-dichloroethene	Not Detected		ug/m3	<3.97		
1,2,4-trichlorobenzene	Not Detected		ug/m3	<7.44		
1,2,4-trimethylbenzene	Not Detected		ug/m3	<4.94		
1,2-dibromoethane	Not Detected		ug/m3	<7.70		
1,2-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,2-dichloroethane	Not Detected		ug/m3	<4.06		
1,2-dichloropropane	Not Detected		ug/m3	<4.63		
1,3,5-trimethylbenzene	Not Detected		ug/m3	<4.93		
1,3-butadiene	Not Detected		ug/m3	<2.22		
1,3-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dioxane	Not Detected		ug/m3	<3.61		
1-ethyl-4-methyl-Benzene	Not Detected		ug/m3	<4.93		
2-butanone	Not Detected		ug/m3	<2.96		
2-hexanone	Not Detected		ug/m3	<4.11		
Acetone	27.44		ug/m3	<23.8		
Benzene	Not Detected		ug/m3	<3.20		
Benzyl chloride	Not Detected		ug/m3	<5.19		
Bromodichloromethane	Not Detected		ug/m3	<6.72		
Bromoform	Not Detected		ug/m3	<10.36		
Bromomethane	Not Detected		ug/m3	<3.89		

Carbon disulfide	Not Detected			<3.12		
Carbon tetrachloride	Not Detected		ug/m3	<6.31		
Chlorobenzene	Not Detected		ug/m3	<4.61		
Chloroform	Not Detected		ug/m3	<4.89		
Chloromethane	Not Detected		ug/m3	<2.07		
Cis-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Cis-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Cyclohexane	Not Detected		ug/m3	<3.45		
Dibromochloromethane	Not Detected		ug/m3	<8.54		
Ethanol	Not Detected		ug/m3	<18.9		
Ethyl acetate	Not Detected		ug/m3	<3.61		
Ethyl chloride	Not Detected		ug/m3	<2.65		
Ethylbenzene	Not Detected		ug/m3	<4.35		
Freon-11	31.13		ug/m3	<5.63		
Freon-113	Not Detected		ug/m3	<7.68		
Freon-114	Not Detected		ug/m3	<7.01		
Freon-12	Not Detected		ug/m3	<4.96		
Heptane	Not Detected		ug/m3	<4.11		
Hexachlorobutadiene	Not Detected		ug/m3	<10.69		
Hexane	Not Detected		ug/m3	<3.53		
Isopropyl alcohol	<24.6		ug/m3	<24.6		
Methyl isobutyl ketone	Not Detected		ug/m3	<4.11		
Methyl methacrylate	Not Detected		ug/m3	<4.09		
Methyl tert-butyl ether	Not Detected		ug/m3	<3.61		
Methylene chloride	Not Detected		ug/m3	<3.48		
Naphthalene	Not Detected		ug/m3	<5.24		
O-xylene	Not Detected		ug/m3	<4.35		
P+m - xylene	Not Detected		ug/m3	<4.35		
Propene	Not Detected		ug/m3	<1.73		
Styrene	Not Detected		ug/m3	<4.27		
Tetrachloroethylene	Not Detected		ug/m3	<6.80		
Tetrahydrofuran	Not Detected		ug/m3	<2.96		
Toluene	Not Detected		ug/m3	<3.78		
Trans-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Trans-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Trichloroethylene	Not Detected		ug/m3	<5.39		
Vinyl chloride	Not Detected		ug/m3	<2.56		

תיאור הדוגמה: קניסטר 5541, Sg-128 **מספר הדוגמה:** **972355**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 22/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	התגלה. תקין		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		
1,1,2-trichloroethane	Not Detected		ug/m3	<5.47		
1,1-dichloroethane	Not Detected		ug/m3	<4.06		

		<3.97	ug/m3		Not Detected	1,1-dichloroethene
		<7.44	ug/m3		Not Detected	1,2,4-trichlorobenzene
		<4.94	ug/m3		Not Detected	1,2,4-trimethylbenzene
		<7.70	ug/m3		Not Detected	1,2-dibromoethane
		<6.03	ug/m3		Not Detected	1,2-dichlorobenzene
		<4.06	ug/m3		Not Detected	1,2-dichloroethane
		<4.63	ug/m3		Not Detected	1,2-dichloropropane
		<4.93	ug/m3		Not Detected	1,3,5-trimethylbenzene
		<2.22	ug/m3		Not Detected	1,3-butadiene
		<6.03	ug/m3		Not Detected	1,3-dichlorobenzene
		<6.03	ug/m3		Not Detected	1,4-dichlorobenzene
		<3.61	ug/m3		Not Detected	1,4-dioxane
		<4.93	ug/m3		Not Detected	1-ethyl-4-methyl-Benzene
		<2.96	ug/m3		12.68	2-butanone
		<4.11	ug/m3		10.94	2-hexanone
		<23.8	ug/m3		94.52	Acetone
		<3.20	ug/m3		30.15	Benzene
		<5.19	ug/m3		Not Detected	Benzyl chloride
		<6.72	ug/m3		Not Detected	Bromodichloromethane
		<10.36	ug/m3		Not Detected	Bromoform
		<3.89	ug/m3		Not Detected	Bromomethane
		<3.12	ug/m3		Not Detected	Carbon disulfide
		<6.31	ug/m3		Not Detected	Carbon tetrachloride
		<4.61	ug/m3		Not Detected	Chlorobenzene
		<4.89	ug/m3		Not Detected	Chloroform
		<2.07	ug/m3		2.53	Chloromethane
		<3.97	ug/m3		Not Detected	Cis-1,2-dichloroethene
		<4.55	ug/m3		Not Detected	Cis-1,3-dichloropropene
		<3.45	ug/m3		Not Detected	Cyclohexane
		<8.54	ug/m3		Not Detected	Dibromochloromethane
		<18.9	ug/m3		568.46	Ethanol
		<3.61	ug/m3		Not Detected	Ethyl acetate
		<2.65	ug/m3		Not Detected	Ethyl chloride
		<4.35	ug/m3		Not Detected	Ethylbenzene
		<5.63	ug/m3		25.85	Freon-11
		<7.68	ug/m3		Not Detected	Freon-113
		<7.01	ug/m3		Not Detected	Freon-114
		<4.96	ug/m3		Not Detected	Freon-12
		<4.11	ug/m3		Not Detected	Heptane
		<10.69	ug/m3		Not Detected	Hexachlorobutadiene
		<3.53	ug/m3		4.34	Hexane
		<24.6	ug/m3		171.66	Isopropyl alcohol
		<4.11	ug/m3		Not Detected	Methyl isobutyl ketone
		<4.09	ug/m3		Not Detected	Methyl methacrylate
		<3.61	ug/m3		Not Detected	Methyl tert-butyl ether
		<3.48	ug/m3		Not Detected	Methylene chloride
		<5.24	ug/m3		Not Detected	Naphthalene
		<4.35	ug/m3		Not Detected	O-xylene
		<4.35	ug/m3		Not Detected	P+m - xylene
		<1.73	ug/m3		141.99	Propene
		<4.27	ug/m3		Not Detected	Styrene
		<6.80	ug/m3		Not Detected	Tetrachloroethylene
		<2.96	ug/m3		Not Detected	Tetrahydrofuran

Toluene	Not Detected		ug/m3	<3.78		
Trans-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Trans-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Trichloroethylene	Not Detected		ug/m3	<5.39		
Vinyl chloride	Not Detected		ug/m3	<2.56		

תיאור הדוגמה: קניסטר 4844, Sg-8 **מספר הדוגמה:** **972356**

תנאי שמירת הדוגמה וההובלה: אופפת **מועד דיגום:** 22/04/2020

בדיקה	תוצאה	תחום מותר	יחידת מידה	*LOQ	שיטה	הערות
סימון דגימה -IPA					In house procedure;Based on: EPA TO15	
IPA-sampling marker	התגלה. תקין		-			
גז קרקע VOC - TO-15					In house procedure;Based on: TO-15 (EPA)	
1,1,1-trichloroethane	Not Detected		ug/m3	<5.47		
1,1,2,2-tetrachloroethane	Not Detected		ug/m3	<6.88		
1,1,2-trichloroethane	Not Detected		ug/m3	<5.47		
1,1-dichloroethane	Not Detected		ug/m3	<4.06		
1,1-dichloroethene	Not Detected		ug/m3	<3.97		
1,2,4-trichlorobenzene	Not Detected		ug/m3	<7.44		
1,2,4-trimethylbenzene	23.45		ug/m3	<4.94		
1,2-dibromoethane	Not Detected		ug/m3	<7.70		
1,2-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,2-dichloroethane	Not Detected		ug/m3	<4.06		
1,2-dichloropropane	Not Detected		ug/m3	<4.63		
1,3,5-trimethylbenzene	Not Detected		ug/m3	<4.93		
1,3-butadiene	Not Detected		ug/m3	<2.22		
1,3-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dichlorobenzene	Not Detected		ug/m3	<6.03		
1,4-dioxane	Not Detected		ug/m3	<3.61		
1-ethyl-4-methyl-Benzene	Not Detected		ug/m3	<4.93		
2-butanone	10.23		ug/m3	<2.96		
2-hexanone	13.11		ug/m3	<4.11		
Acetone	61.69		ug/m3	<23.8		
Benzene	10.03		ug/m3	<3.20		
Benzyl chloride	Not Detected		ug/m3	<5.19		
Bromodichloromethane	Not Detected		ug/m3	<6.72		
Bromoform	Not Detected		ug/m3	<10.36		
Bromomethane	Not Detected		ug/m3	<3.89		
Carbon disulfide	Not Detected		ug/m3	<3.12		
Carbon tetrachloride	Not Detected		ug/m3	<6.31		
Chlorobenzene	Not Detected		ug/m3	<4.61		
Chloroform	9.96		ug/m3	<4.89		
Chloromethane	Not Detected		ug/m3	<2.07		
Cis-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Cis-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Cyclohexane	Not Detected		ug/m3	<3.45		
Dibromochloromethane	Not Detected		ug/m3	<8.54		
Ethanol	270.19		ug/m3	<18.9		
Ethyl acetate	Not Detected		ug/m3	<3.61		

Ethyl chloride	Not Detected		ug/m3	<2.65		
Ethylbenzene	Not Detected		ug/m3	<4.35		
Freon-11	25.11		ug/m3	<5.63		
Freon-113	Not Detected		ug/m3	<7.68		
Freon-114	Not Detected		ug/m3	<7.01		
Freon-12	Not Detected		ug/m3	<4.96		
Heptane	Not Detected		ug/m3	<4.11		
Hexachlorobutadiene	Not Detected		ug/m3	<10.69		
Hexane	Not Detected		ug/m3	<3.53		
Isopropyl alcohol	180.98		ug/m3	<24.6		
Methyl isobutyl ketone	Not Detected		ug/m3	<4.11		
Methyl methacrylate	Not Detected		ug/m3	<4.09		
Methyl tert-butyl ether	5.26		ug/m3	<3.61		
Methylene chloride	Not Detected		ug/m3	<3.48		
Naphthalene	10.96		ug/m3	<5.24		
O-xylene	11.38		ug/m3	<4.35		
P+m - xylene	24.92		ug/m3	<4.35		
Propene	80.98		ug/m3	<1.73		
Styrene	Not Detected		ug/m3	<4.27		
Tetrachloroethylene	Not Detected		ug/m3	<6.80		
Tetrahydrofuran	Not Detected		ug/m3	<2.96		
Toluene	6.48		ug/m3	<3.78		
Trans-1,2-dichloroethene	Not Detected		ug/m3	<3.97		
Trans-1,3-dichloropropene	Not Detected		ug/m3	<4.55		
Trichloroethylene	Not Detected		ug/m3	<5.39		
Vinyl chloride	Not Detected		ug/m3	<2.56		

הערות

- **התוצאות מתייחסות לפריט הנבדק בלבד.**
- **האסמכתא לערכי "תחום מותר" מצוינת כהערה.**
- **יש להתייחס אל המסמך במלואו ואין להעתיק ממנו אל מסמכים אחרים.**
- **אבות המידה של המעבדה מכוילים במעבדות מוסמכות לפי תקן ISO/IEC 17025 ועקיבים לאבות מידה לאומיים או בינלאומיים.**
- **LOQ : משמעו גבול הכימות של שיטת הבדיקה.**
- **מסמך זה הועבר לשימושו הבלעדי של הלקוח הנמען. לא ניתן להשתמש במסמך, שם החברה, או שם של אחד מעובדיה לצורכי פרסום, מכירות, ללא קבלת אישור בכתב לכך מ"מעבדות בקטוכם" בע"מ.**
- **מעבדת "בקטוכם" מוסמכת על פי תקן ISO/IEC 17025 על ידי "הרשות הלאומית להסמכת מעבדות" ובהתאם פועלת על פי דרישות התקן בתחומים להם הוסמכה, כמפורט בנספח היקף ההסמכה.**
- **השימוש בסמליל הרשות הלאומית להסמכת מעבדות מתייחס רק לבדיקות הנמצאות בהיקף ההסמכה של הארגון, ומבוצעות כמתחייב מכללי ההסמכה כמפורט בתעודת ההסמכה.**
- **הרשות הלאומית להסמכת מעבדות אינה אחראית לתוצאות הבדיקה שערכה המעבדה ואין ההסמכה מהווה אישור לפריט שנבדק.**

<u>התוצאות בתעודה מאושרות ע"י</u>

Keren Rachel Ben David Contaminants department lab analyst
Lush Cernes Food Chemistry and Pesticide Departments Manager

- סוף תעודה -

פוליגון
מעבדה מוסמכת לדיגום קרקע וגז קרקע
ISO/IEC 17025: 2017

טפסים

שם הטופס: שרשרת משמורת לדיגום גז קרקע אקטיבי	טופס מס': F 37 -pol
	מהדורה מס': 03
נכתב ע"י: זהר גל / חתימה:	תקף מתאריך: 07.07.2019 / מחליף את: 04.02.2019
אישר ע"י: זהר גל / חתימה:	עמוד 1 מתוך 2

ורידים

שרשרת משמורת לדיגום גז קרקע אקטיבי - דף 2 מתוך

נתונים כלליים:
הארגון הדוגם: פוליגון
מס הסמכה: 451
סוג מכשיר PID- טייגר GER, מס' סידורי T-109102
הקף בעיגול: מנורה מסוג: 10.6/ 11.7
שם הדוגם: זהר גל חתימת הדוגם

שם הפרויקט: [illegible] שם היועץ והחברה מבצע הסקר
זיהוי וכתובת אתר הדיגום: ____ ציין תאריך התקנה: ____ ציין ע"י מי בוצע התקנת הבארות: ____
תאריך הדיגום: 22/4/2020 שם איש קשר: ____
מס' סקר חוזה: ____ תעד את שם המעבדה האנליטית: ____
תעד: תאריך הספקת הקניסטרים מהמעבדה האנליטית: ____
מבחן שטיפה (Purge volume) מבחן אטימות

Probes (sg) מיקום הפרוב	מס' קניסטר	שעת התחלה	שעת סיום	Depth (עומק מטר)	Vacuum (וואקום ב- (אינצ'/כספית) מ- עד- תעד (צריך להיות 0-5 אינצ'/כספית) בזמן הדיגום: לחץ התחלתי	לחץ סופי	תעד לחץ סופי של הקניסטר בעת החזרה- במעבדה (וואקום ב- אינצ'/כספית	תעד לחץ התחלתי של הקניסטר בעת קבלה- במעבדה (וואקום ב- אינצ'/כספית	תעד שימוש במגלה דליפות IPA	תעד ספיקת המשאבה ml/min	Shut In Test לחץ (אינצ'/ כספית) התחלה	עד	משך זמן שאיבת השטיפה (דקות)	תעד את מס' נפחי השטיפה	בזמן השטיפה תעד את תת הלחץ (תת הלחץ לא יעלה מעל 5 - 7.5 אינצ'/כספית)	TO- 15 1 ppbv
Sg-101	5189	14:06	16:20	10.5	-30	-2	-2	-30	✓	145	7.5	7.5	15	5	0.0	✓
Sg-122	1914	10:39	16:07	10.5	-30	-5	-5	-30	✓	150	261	261	15	5	0.0	✓
Sg-126	5193	08:58	16:00	9.7	-30	-5	-5	-30	✓	152	255	255	15	5	0.1	✓
Sg-34	45968	12:27	15:20	10.5	-30	-4	-4	-30	✓	155	250	250	15	5	0.0	✓
Sg-128	5541	09:57	15:45	9.7	-30	-5	-5	-30	✓	155	270	270	15	5	0.0	✓
Sg-8	4844	09:33	15:38	9.8	-30	-1	-1	-30		155	250	250	15	5	0.0	✓

נא לסמן את הבקרות שנעשו: (Duplicate) ☐ בלאנק ציוד (חומרים) (Equipment Blank) ☐ בלאנק רקע (Air Blank) ☐ דוגמת פיצול (SLIT) ☐

נמסר למעבדה: ע"י: ____ (חתימה) תאריך: 22/4 שעה: 18:40 | התקבל במעבדה: ע"י: ____ (חתימה) תאריך: ____ שעה: ____

נא לסמן האם הדיגום נעשה: בהסמכה: ☐ לא בהסמכה: ☐ (הרשות הלאומית להסמכת מעבדות).

מגלם
ור'ד'פ

פוליגון
מעבדה מוסמכת לדיגום קרקע וגז קרקע
ISO/IEC 17025:2017

שם הטופס: שרשרת משמורת לדיגום גז קרקע אקטיבי	טופס מס': pol-4-37
	מהדורה מס': 03
נכתב ע"י:	תקף מתאריך: 07.07.2019	מחליף את: 04.02.2019
אושר ע"י:	עמוד 1 מתוך 1

שם האתר: ור'ד'פ : מגלם

שרשרת משמורת לדיגום גז קרקע אקטיבי -

דף 1 מתוך ___

נתונים כלליים:
הארגון הדוגם: פוליגון
מס הסמכה: 451
סוג מכשיר: PID - ביינר GER, מס' סידורי: T-109102
דקה בשיעור: 10.6/11.7
שם הדוגם: [illegible] חתימת הדוגם:

שם הפרויקט: [illegible] , שם היועץ והחברה מבצע הסקר:
זיהוי וכתובת אתר הדיגום: [illegible] ציין תאריך התקנה: ציין ע"י מי בוצע התקנת הבארות:
תאריך הדיגום: 22/4/2020 שם איש קשר:
מס' סקר חוות: תעד את שם המעבדה האנליטית:
תעד: תאריך הספקת הקניסטרים מהמעבדה האנליטית:

Probes (sg) מיקום הפרוב	מס' קניסטר	שעת התחלה	שעת סיום	Depth (עומק מטר)	Vacuum (וואקום ב-) (אינצ'/כספית) מ-	עד	תעד לחץ סופי של הקניסטר בעת החזרה במעבדה (וואקום ב- אינצ'/כספית)	תעד לחץ התחלתי של הקניסטר בעת קבלה במעבדה (וואקום ב- אינצ'/כספית)	תעד שימוש בבועה דליפות IPA	תעד ספיקת המשאבה ml/min	Shut In Test לחץ (אינצ'/כספית) התחלה	עד	משך זמן שאיבת השטיפה (דקות)	תעד את מס' נפחי השטיפה	בזמן השטיפה תעד את תת הלחץ (תת הלחץ לא יעלה מעל 5 - 7.5 אינצ'/כספית)	10-15 ppbv
Sg-47	6836	07:24	11:32	9.3	-30	-5			✓	151	7.5	7.5	15.6	5	0.0	✓
AB	4594	10:26	15:30	9	-30	-5				[illegible]	[illegible]	[illegible]	15	5	0.0	✓
Sg-62	5193	07:57	15:17	9.21	-30	-5				157	309	309	15	5	0.1	✓
Sg-62(04P)	4856	07:57	15:17	9.25	-30	-1				157	309	709	15	5	0.0	✓
Sg-9	4614	11:36	16:24	10.5	-30	-1				155	320	320	145	5	0.0	✓
Sg-71	6833	11:10	16:32	10.5	-30	-5				150	300	300	15	5	0.0	✓
Sg-118	4408	13:30	16:40	10.5	-30	-5				145	305	305	15	5	0.0	✓

נא לסמן את הבקרות שנעשו: ☐ דוגמה כפולה (Duplicate) ☐ בלאנק ציוד (חומרים) (Equipment Blank) ☐ בלאנק ריק (Air Blank) ☐ דוגמת פיצול (SLIT)

בקטוכם בע"מ

מסר למעבדה: ___ ע"י: ___ (חתימה) ___ תאריך: 22/4 שעה: 18:00 התקבל במעבדה: ___ ע"י: ___ (חתימה) ___ תאריך: ___ שעה: ___

נא לסמן האם הדיגום נעשה בהסמכה: ☐ בהסמכה ☐ לא בהסמכה ☐ (הרשות הלאומית להסמכת מעבדות)

תעודת בדיקה

שם הלקוח:	**אל.די.די. טכנולוגיות מתקדמות (2005) בע"מ**
מספר זיהוי הפרויקט (במעבדה):	**971123**
תאריך הדיווח:	**04.05.2020**

-CERTIFICATE OF ANALYSIS-
VOC's באוויר

זיהוי הדגימה

מספר תעודת בדיקה	971123
זיהוי הדוגמא	**Canister Cleaning and Certification**
מספר קניסטר	1914, 4355, 6836, 5197
מטריצה נבדקת	אויר

פרטי האנליזה

שיטה תקנית (EPA)	TO-15	נפח הזרקה	200ml
יחידות מידה	ug/m3	תאריך הבדיקה	12,13,26,30/04/20
כלי הדגימה	מתכת 6 ליטר		

חומר נבדק	תוצאה	LOQ	חומר נבדק	תוצאה	LOQ
Acetone	ל"ה	23.75	Ethyl Chloride	ל"ה	2.64
Benzene	ל"ה	3.19	EthylBenzene	ל"ה	4.34
Benzene, 1-ethyl-4-methyl-	ל"ה	4.92	Freon-11	ל"ה	5.62
Benzyl chloride	ל"ה	5.18	Freon-113	ל"ה	7.66
1,3-Butadiene	ל"ה	2.21	Freon-114	ל"ה	6.99
Bromodichloromethane	ל"ה	6.70	Freon-12	ל"ה	4.95
Bromoform	ל"ה	10.34	Heptane	ל"ה	4.10
Bromomethane	ל"ה	3.88	Hexachlorobutadiene	ל"ה	10.67
2-Butanone	ל"ה	2.95	Hexane	ל"ה	3.52
Carbon disulfide	ל"ה	3.11	2-Hexanone	ל"ה	4.10
Carbon tetrachloride	ל"ה	6.29	Isopropyl Alcohol	ל"ה	24.58
Chlorobenzene	ל"ה	4.60	Methyl Isobutyl Ketone	ל"ה	4.10
Chloroform	ל"ה	4.88	Methyl Methacrylate	ל"ה	4.09
Chloromethane	ל"ה	2.06	Methyl tert-Butyl ether	ל"ה	3.61
Cyclohexane	ל"ה	3.44	Methylene Chloride	ל"ה	3.47
Dibromochloromethane	ל"ה	8.52	Naphthalene	ל"ה	5.24
1,2-Dibromoethane	ל"ה	7.68	Propene	ל"ה	1.72
1,2-Dichlorobenzene	ל"ה	6.01	Styrene	ל"ה	4.26
1,3-Dichlorobenzene	ל"ה	6.01	1,1,2,2-Tetrachloroethane	ל"ה	6.87
1,4-Dichlorobenzene	ל"ה	6.01	Tetrachloroethylene	ל"ה	6.78
1,1-Dichloroethane	ל"ה	4.05	Tetrahydrofuran	ל"ה	2.95
1,2-Dichloroethane	ל"ה	4.05	Toluene	ל"ה	3.77
1,1-Dichloroethene	ל"ה	3.96	1,2,4-Trichlorobenzene	ל"ה	7.42
cis-1,2-Dichloroethene	ל"ה	3.96	1,1,1-Trichloroethane	ל"ה	5.46
trans-1,2-Dichloroethene	ל"ה	3.96	1,1,2-Trichloroethane	ל"ה	5.46
1,2-Dichloropropane	ל"ה	4.62	Trichloroethylene	ל"ה	5.37
cis-1,3-Dichloropropene	ל"ה	4.54	1,2,4-Trimethylbenzene	ל"ה	4.92
trans-1,3-Dichloropropene	ל"ה	4.54	1,3,5-Trimethylbenzene	ל"ה	4.92
1,4-Dioxane	ל"ה	3.60	Vinyl Chloride	ל"ה	2.56
Ethanol	ל"ה	18.84	o-Xylene	ל"ה	4.34
Ethyl Acetate	ל"ה	3.60	p+m - Xylene	ל"ה	4.34

(ל"ה)=לא התגלה- ערך הנמוך מהכמות המינימאלית המדווחת (Reporting Level).

****בדיקת ניקיון כוללת ציוד נלווה (לפי הנחיות לדיגום גז קרקע בשיטות אקטיביות סעיף 3.5.2.3, עמ' 5)**

בכבוד רב,
מעבדות בקטוכם בע"מ.

END OF CERTIFICATE

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

LABORATORY REPORT

January 16, 2020

Eyal Shvartz
Dr. Katz Technologies & Enterprises (KTE)
HaMeginim Ave. 53
Haifa, ISR-HA 33265

RE: Tel Hashomer / KTE-54-19-Simi

Dear Eyal:

Enclosed are the results of the samples submitted to our laboratory on January 2, 2020. For your reference, these analyses have been assigned our service request number P2000003.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Hayden Akers at 11:57 am, Jan 16, 2020

For Sue Anderson
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request No: P2000003
Project: Tel Hashomer / KTE-54-19-Simi

CASE NARRATIVE

The samples were received intact under chain of custody on January 2, 2020 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The upper control criterion was exceeded for acetonitrile and acrylonitrile in the Continuing Calibration Verification (CCV). Therefore, a potential for a high bias exists for those associated sample concentrations reported with positive results. The data has been qualified accordingly.

The Relative Percent Difference (RPD) criterion for the replicate analysis of several analytes in sample AB (P2000003-003) is not applicable because one or both of the values is reported below the Method Reporting Limit (MRL) and is estimated. Analytical values derived from measurements less than the reporting limit are not subject to the same accuracy and precision criteria as results derived from measurements reported within the calibration range; therefore, no qualifier has been added to the associated data. No corrective action was required.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.1 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-006
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request: P2000003

Project ID: Tel Hashomer / KTE-54-19-Simi

Date Received: 1/2/2020

Time Received: 09:15

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	2nd Pi (psig)	2nd Pf (psig)	TO-15 - VOC Cans
SG 3S	P2000003-001	Air	12/23/2019	12:52	1SS01010	0.12	5.88			X
S 139	P2000003-002	Air	12/23/2019	14:45	1SS00905	-0.42	7.83			X
AB	P2000003-003	Air	12/23/2019	12:15	1SC00702	0.15	7.46	5.44	11.58	X

Air - Chain of Custody Record & Analytical Service Request

Page ____ of ____

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No. P2000003

ALS Contact:

Company Name & Address (Reporting Information): KTE

Project Name: TEL [illegible]

Project Number: KTE - [illegible]

Project Manager:

Phone: | Fax:

P.O. # / Billing Information:

Email Address for Result Reporting:

Sampler (Print & Sign):

Comments e.g. Actual Preservative or specific instructions

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15		Comments
SG 3.5		[illegible]	[illegible]	[illegible]	[illegible]	-30	0	1L	✓		
[illegible]		"	[illegible]	[illegible]	[illegible]	-30	[illegible]	1L	✓		
AB		"	1245	[illegible]	[illegible]	-2?	0	1L	✓		

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) 10% Surcharge ____

EDD required Yes / No
Type: ________ Units: ________

Chain of Custody Seal: (Circle)
INTACT BROKEN ABSENT

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[illegible signature]		[illegible]	[illegible signature]	1-2-20	915
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Cooler / Blank Temperature ____ °C

ALS Environmental

Sample Acceptance Check Form

Client: Dr. Katz Technologies & Enterprises (KTE) Work order: P2000003

Project: Tel Hashomer / KTE-54-19-Simi

Sample(s) received on: 1/2/2020 Date opened: 1/2/2020 by: DENISE.POSADA

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☐	☐	☒
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2000003-001.01	1.0 L Source Silonite Canister					
P2000003-002.01	1.0 L Source Silonite Canister					
P2000003-003.01	1.0 L Source Can					

Explain any discrepancies: (include lab sample ID numbers): _____

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 3S** ALS Project ID: P2000003
Client Project ID: **Tel Hashomer / KTE-54-19-Simi** ALS Sample ID: P2000003-001

Test Code: EPA TO-15 Date Collected: 12/23/19
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 1/2/20
Analyst: Wida Ang Date Analyzed: 1/14/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01010

Initial Pressure (psig): 0.12 Final Pressure (psig): 5.88

Canister Dilution Factor: 1.39

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**24**	1.8	0.45	**14**	1.1	0.26	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.6**	1.8	0.30	**0.52**	0.37	0.061	
74-87-3	Chloromethane	<0.30	1.8	0.30	<0.14	0.89	0.14	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.29	1.8	0.29	<0.042	0.26	0.042	
75-01-4	Vinyl Chloride	<0.20	1.9	0.20	<0.078	0.73	0.078	
106-99-0	1,3-Butadiene	**1.2**	1.8	0.31	**0.56**	0.83	0.14	**J**
74-83-9	Bromomethane	<0.26	1.9	0.26	<0.066	0.48	0.066	
75-00-3	Chloroethane	<0.23	1.9	0.23	<0.087	0.71	0.087	
64-17-5	Ethanol	**390**	18	1.3	**200**	9.6	0.68	
75-05-8	Acetonitrile	**1.5**	1.8	0.45	**0.88**	1.1	0.27	**J**
107-02-8	Acrolein	**1.1**	3.5	0.52	**0.47**	1.5	0.23	**J**
67-64-1	Acetone	**49**	18	4.2	**21**	7.8	1.8	
75-69-4	Trichlorofluoromethane (CFC 11)	**17**	1.8	0.28	**3.1**	0.33	0.050	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.6**	7.3	0.76	**0.64**	3.0	0.31	**J**
107-13-1	Acrylonitrile	<0.38	1.8	0.38	<0.18	0.85	0.18	
75-35-4	1,1-Dichloroethene	<0.26	1.9	0.26	<0.065	0.47	0.065	
75-09-2	Methylene Chloride	**0.67**	1.8	0.52	**0.19**	0.53	0.15	**J**
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.25	1.9	0.25	<0.080	0.60	0.080	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.49**	1.9	0.26	**0.064**	0.24	0.034	**J**
75-15-0	Carbon Disulfide	**5.0**	3.8	0.56	**1.6**	1.2	0.18	
156-60-5	trans-1,2-Dichloroethene	<0.26	1.9	0.26	<0.065	0.47	0.065	
75-34-3	1,1-Dichloroethane	<0.27	1.9	0.27	<0.067	0.47	0.067	
1634-04-4	Methyl tert-Butyl Ether	**1.4**	1.9	0.22	**0.38**	0.52	0.061	**J**
108-05-4	Vinyl Acetate	**4.8**	19	4.2	**1.4**	5.3	1.2	**J**
78-93-3	2-Butanone (MEK)	**8.5**	3.8	0.38	**2.9**	1.3	0.13	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 3S** ALS Project ID: P2000003
Client Project ID: **Tel Hashomer / KTE-54-19-Simi** ALS Sample ID: P2000003-001

Test Code: EPA TO-15 Date Collected: 12/23/19
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 1/2/20
Analyst: Wida Ang Date Analyzed: 1/14/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01010

Initial Pressure (psig): 0.12 Final Pressure (psig): 5.88

Canister Dilution Factor: 1.39

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	**0.41**	1.8	0.26	**0.10**	0.46	0.066	**J**
141-78-6	Ethyl Acetate	**1.4**	3.8	0.97	**0.39**	1.1	0.27	**J**
110-54-3	n-Hexane	**1.8**	1.9	0.38	**0.51**	0.53	0.11	**J**
67-66-3	Chloroform	**0.48**	1.9	0.25	**0.098**	0.38	0.051	**J**
109-99-9	Tetrahydrofuran (THF)	<0.23	1.9	0.23	<0.079	0.65	0.079	
107-06-2	1,2-Dichloroethane	<0.21	1.9	0.21	<0.051	0.46	0.051	
71-55-6	1,1,1-Trichloroethane	<0.23	1.9	0.23	<0.042	0.34	0.042	
71-43-2	Benzene	**1.2**	1.8	0.27	**0.39**	0.58	0.084	**J**
56-23-5	Carbon Tetrachloride	<0.26	1.8	0.26	<0.041	0.29	0.041	
110-82-7	Cyclohexane	<0.52	3.8	0.52	<0.15	1.1	0.15	
78-87-5	1,2-Dichloropropane	<0.23	1.9	0.23	<0.050	0.41	0.050	
75-27-4	Bromodichloromethane	<0.27	1.9	0.27	<0.040	0.28	0.040	
79-01-6	Trichloroethene	**6.2**	1.9	0.25	**1.2**	0.35	0.047	
123-91-1	1,4-Dioxane	<0.22	1.9	0.22	<0.061	0.52	0.061	
80-62-6	Methyl Methacrylate	**0.98**	3.8	0.66	**0.24**	0.93	0.16	**J**
142-82-5	n-Heptane	**1.0**	1.9	0.30	**0.26**	0.46	0.072	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.29	1.8	0.29	<0.064	0.40	0.064	
108-10-1	4-Methyl-2-pentanone	**4.3**	1.8	0.25	**1.0**	0.45	0.062	
10061-02-6	trans-1,3-Dichloropropene	<0.38	1.8	0.38	<0.084	0.41	0.084	
79-00-5	1,1,2-Trichloroethane	<0.19	1.9	0.19	<0.034	0.34	0.034	
108-88-3	Toluene	**26**	1.9	0.23	**6.8**	0.50	0.060	
591-78-6	2-Hexanone	**2.4**	1.9	0.23	**0.60**	0.46	0.056	
124-48-1	Dibromochloromethane	<0.24	1.9	0.24	<0.029	0.22	0.029	
106-93-4	1,2-Dibromoethane	<0.22	1.9	0.22	<0.028	0.24	0.028	
123-86-4	n-Butyl Acetate	**1.9**	1.9	0.25	**0.40**	0.40	0.053	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 3S** ALS Project ID: P2000003
Client Project ID: **Tel Hashomer / KTE-54-19-Simi** ALS Sample ID: P2000003-001

Test Code: EPA TO-15 Date Collected: 12/23/19
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 1/2/20
Analyst: Wida Ang Date Analyzed: 1/14/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01010

Initial Pressure (psig): 0.12 Final Pressure (psig): 5.88

Canister Dilution Factor: 1.39

CAS #	Compound	Result µg/m³		MRL µg/m³	MDL µg/m³	Result ppbV		MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**0.67**		1.9	0.42	**0.14**		0.40	0.089	**J**
127-18-4	Tetrachloroethene	**1.5**		1.8	0.24	**0.22**		0.27	0.035	**J**
108-90-7	Chlorobenzene		<0.25	1.9	0.25		<0.054	0.41	0.054	
100-41-4	Ethylbenzene	**14**		1.9	0.26	**3.2**		0.43	0.060	
179601-23-1	m,p-Xylenes	**41**		3.8	0.49	**9.4**		0.88	0.11	
75-25-2	Bromoform		<0.38	1.9	0.38		<0.037	0.18	0.037	
100-42-5	Styrene	**1.7**		1.8	0.30	**0.40**		0.43	0.070	**J**
95-47-6	o-Xylene	**8.5**		1.9	0.27	**2.0**		0.43	0.062	
111-84-2	n-Nonane	**1.8**		1.9	0.31	**0.34**		0.36	0.059	**J**
79-34-5	1,1,2,2-Tetrachloroethane		<0.26	1.9	0.26		<0.037	0.27	0.037	
98-82-8	Cumene	**2.2**		1.9	0.27	**0.44**		0.38	0.054	
80-56-8	alpha-Pinene	**0.79**		1.9	0.28	**0.14**		0.34	0.051	**J**
103-65-1	n-Propylbenzene	**1.8**		1.9	0.27	**0.36**		0.38	0.054	**J**
622-96-8	4-Ethyltoluene	**0.88**		1.9	0.30	**0.18**		0.38	0.060	**J**
108-67-8	1,3,5-Trimethylbenzene	**1.2**		1.8	0.27	**0.25**		0.37	0.054	**J**
95-63-6	1,2,4-Trimethylbenzene	**4.5**		1.9	0.26	**0.91**		0.38	0.052	
100-44-7	Benzyl Chloride		<0.42	3.8	0.42		<0.081	0.74	0.081	
541-73-1	1,3-Dichlorobenzene		<0.28	1.9	0.28		<0.046	0.31	0.046	
106-46-7	1,4-Dichlorobenzene		<0.28	1.9	0.28		<0.047	0.31	0.047	
95-50-1	1,2-Dichlorobenzene		<0.27	1.9	0.27		<0.046	0.31	0.046	
5989-27-5	d-Limonene	**67**		1.9	0.38	**12**		0.34	0.069	
96-12-8	1,2-Dibromo-3-chloropropane		<0.35	1.8	0.35		<0.036	0.19	0.036	
120-82-1	1,2,4-Trichlorobenzene		<0.45	1.9	0.45		<0.061	0.25	0.061	
91-20-3	Naphthalene	**2.9**		1.8	0.45	**0.55**		0.34	0.086	
87-68-3	Hexachlorobutadiene		<0.38	1.8	0.38		<0.036	0.17	0.036	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **S 139** ALS Project ID: P2000003
Client Project ID: **Tel Hashomer / KTE-54-19-Simi** ALS Sample ID: P2000003-002

Test Code: EPA TO-15 Date Collected: 12/23/19
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 1/2/20
Analyst: Wida Ang Date Analyzed: 1/14/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00905

Initial Pressure (psig): -0.42 Final Pressure (psig): 7.83

Canister Dilution Factor: 1.58

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**38**	2.1	0.51	**22**	1.2	0.30	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	2.1	0.34	**0.47**	0.42	0.070	
74-87-3	Chloromethane	<0.34	2.1	0.34	<0.16	1.0	0.16	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.33	2.1	0.33	<0.047	0.30	0.047	
75-01-4	Vinyl Chloride	<0.23	2.1	0.23	<0.088	0.83	0.088	
106-99-0	1,3-Butadiene	**1.5**	2.1	0.35	**0.69**	0.95	0.16	**J**
74-83-9	Bromomethane	<0.29	2.1	0.29	<0.075	0.55	0.075	
75-00-3	Chloroethane	<0.26	2.1	0.26	<0.099	0.81	0.099	
64-17-5	Ethanol	**420**	21	1.5	**220**	11	0.78	
75-05-8	Acetonitrile	**390**	2.1	0.51	**230**	1.2	0.31	
107-02-8	Acrolein	**22**	4.0	0.59	**9.5**	1.7	0.26	
67-64-1	Acetone	**2,000**	21	4.7	**860**	8.8	2.0	
75-69-4	Trichlorofluoromethane (CFC 11)	**3.0**	2.1	0.32	**0.53**	0.37	0.057	
67-63-0	2-Propanol (Isopropyl Alcohol)	**160**	8.3	0.87	**67**	3.4	0.35	
107-13-1	Acrylonitrile	**8.8**	2.1	0.43	**4.1**	0.97	0.20	
75-35-4	1,1-Dichloroethene	<0.29	2.1	0.29	<0.074	0.54	0.074	
75-09-2	Methylene Chloride	**5.5**	2.1	0.59	**1.6**	0.60	0.17	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.28	2.1	0.28	<0.091	0.68	0.091	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.45**	2.1	0.30	**0.059**	0.28	0.039	**J**
75-15-0	Carbon Disulfide	**360**	4.3	0.63	**120**	1.4	0.20	
156-60-5	trans-1,2-Dichloroethene	<0.29	2.1	0.29	<0.074	0.54	0.074	
75-34-3	1,1-Dichloroethane	<0.31	2.2	0.31	<0.076	0.54	0.076	
1634-04-4	Methyl tert-Butyl Ether	<0.25	2.1	0.25	<0.069	0.59	0.069	
108-05-4	Vinyl Acetate	**440**	21	4.7	**130**	6.1	1.3	
78-93-3	2-Butanone (MEK)	**240**	4.3	0.43	**82**	1.5	0.15	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **S 139** ALS Project ID: P2000003
Client Project ID: **Tel Hashomer / KTE-54-19-Simi** ALS Sample ID: P2000003-002

Test Code: EPA TO-15 Date Collected: 12/23/19
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 1/2/20
Analyst: Wida Ang Date Analyzed: 1/14/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00905

Initial Pressure (psig): -0.42 Final Pressure (psig): 7.83

Canister Dilution Factor: 1.58

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.30	2.1	0.30	<0.075	0.53	0.075	
141-78-6	Ethyl Acetate	<1.1	4.3	1.1	<0.31	1.2	0.31	
110-54-3	n-Hexane	**0.92**	2.1	0.43	**0.26**	0.61	0.12	**J**
67-66-3	Chloroform	**2.0**	2.1	0.28	**0.41**	0.44	0.057	**J**
109-99-9	Tetrahydrofuran (THF)	<0.26	2.2	0.26	<0.090	0.74	0.090	
107-06-2	1,2-Dichloroethane	<0.23	2.1	0.23	<0.058	0.53	0.058	
71-55-6	1,1,1-Trichloroethane	<0.26	2.1	0.26	<0.048	0.39	0.048	
71-43-2	Benzene	**2.4**	2.1	0.30	**0.75**	0.66	0.095	
56-23-5	Carbon Tetrachloride	<0.29	2.1	0.29	<0.046	0.33	0.046	
110-82-7	Cyclohexane	<0.59	4.3	0.59	<0.17	1.3	0.17	
78-87-5	1,2-Dichloropropane	<0.26	2.1	0.26	<0.056	0.46	0.056	
75-27-4	Bromodichloromethane	<0.30	2.1	0.30	<0.045	0.32	0.045	
79-01-6	Trichloroethene	<0.28	2.1	0.28	<0.053	0.40	0.053	
123-91-1	1,4-Dioxane	**92**	2.1	0.25	**26**	0.59	0.069	
80-62-6	Methyl Methacrylate	**6.3**	4.3	0.75	**1.5**	1.1	0.18	
142-82-5	n-Heptane	<0.34	2.1	0.34	<0.082	0.52	0.082	
10061-01-5	cis-1,3-Dichloropropene	<0.33	2.1	0.33	<0.072	0.45	0.072	
108-10-1	4-Methyl-2-pentanone	**300**	2.1	0.29	**74**	0.51	0.070	
10061-02-6	trans-1,3-Dichloropropene	<0.43	2.1	0.43	<0.096	0.46	0.096	
79-00-5	1,1,2-Trichloroethane	<0.21	2.1	0.21	<0.039	0.39	0.039	
108-88-3	Toluene	**16**	2.1	0.26	**4.3**	0.57	0.068	
591-78-6	2-Hexanone	<0.26	2.1	0.26	<0.064	0.52	0.064	
124-48-1	Dibromochloromethane	<0.28	2.1	0.28	<0.032	0.25	0.032	
106-93-4	1,2-Dibromoethane	<0.24	2.1	0.24	<0.032	0.28	0.032	
123-86-4	n-Butyl Acetate	**52**	2.2	0.29	**11**	0.46	0.061	

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MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **S 139** ALS Project ID: P2000003
Client Project ID: **Tel Hashomer / KTE-54-19-Simi** ALS Sample ID: P2000003-002

Test Code: EPA TO-15 Date Collected: 12/23/19
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 1/2/20
Analyst: Wida Ang Date Analyzed: 1/14/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00905

Initial Pressure (psig): -0.42 Final Pressure (psig): 7.83

Canister Dilution Factor: 1.58

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.47	2.1	0.47	<0.10	0.46	0.10	
127-18-4	Tetrachloroethene	**1.7**	2.1	0.27	**0.25**	0.30	0.040	**J**
108-90-7	Chlorobenzene	<0.28	2.1	0.28	<0.061	0.46	0.061	
100-41-4	Ethylbenzene	**2.8**	2.1	0.30	**0.65**	0.49	0.068	
179601-23-1	m,p-Xylenes	**17**	4.3	0.55	**4.0**	1.0	0.13	
75-25-2	Bromoform	<0.43	2.1	0.43	<0.042	0.21	0.042	
100-42-5	Styrene	**1.3**	2.1	0.34	**0.31**	0.49	0.080	**J**
95-47-6	o-Xylene	**6.2**	2.1	0.30	**1.4**	0.49	0.070	
111-84-2	n-Nonane	<0.35	2.1	0.35	<0.067	0.41	0.067	
79-34-5	1,1,2,2-Tetrachloroethane	<0.29	2.1	0.29	<0.043	0.31	0.043	
98-82-8	Cumene	**0.39**	2.1	0.30	**0.079**	0.43	0.062	**J**
80-56-8	alpha-Pinene	<0.32	2.1	0.32	<0.058	0.38	0.058	
103-65-1	n-Propylbenzene	**0.96**	2.1	0.30	**0.20**	0.43	0.062	**J**
622-96-8	4-Ethyltoluene	**1.2**	2.1	0.34	**0.24**	0.43	0.068	**J**
108-67-8	1,3,5-Trimethylbenzene	**3.1**	2.1	0.30	**0.62**	0.43	0.062	
95-63-6	1,2,4-Trimethylbenzene	**11**	2.1	0.29	**2.3**	0.43	0.059	
100-44-7	Benzyl Chloride	<0.47	4.3	0.47	<0.092	0.84	0.092	
541-73-1	1,3-Dichlorobenzene	<0.32	2.1	0.32	<0.053	0.35	0.053	
106-46-7	1,4-Dichlorobenzene	<0.32	2.1	0.32	<0.054	0.35	0.054	
95-50-1	1,2-Dichlorobenzene	<0.31	2.1	0.31	<0.052	0.35	0.052	
5989-27-5	d-Limonene	<0.43	2.1	0.43	<0.078	0.38	0.078	
96-12-8	1,2-Dibromo-3-chloropropane	<0.40	2.1	0.40	<0.041	0.22	0.041	
120-82-1	1,2,4-Trichlorobenzene	<0.51	2.1	0.51	<0.069	0.29	0.069	
91-20-3	Naphthalene	**3.0**	2.1	0.51	**0.57**	0.39	0.098	
87-68-3	Hexachlorobutadiene	<0.43	2.1	0.43	<0.041	0.20	0.041	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **AB** ALS Project ID: P2000003
Client Project ID: **Tel Hashomer / KTE-54-19-Simi** ALS Sample ID: P2000003-003

Test Code: EPA TO-15 Date Collected: 12/23/19
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 1/2/20
Analyst: Wida Ang Date Analyzed: 1/14/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00702

Initial Pressure (psig): 0.15 Final Pressure (psig): 7.46
Initial Pressure 2 (psig): 5.44 Final Pressure 2 (psig): 11.58
Canister Dilution Factor: 1.95

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.0**	2.6	0.63	**1.2**	1.5	0.37	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.2**	2.6	0.42	**0.45**	0.52	0.086	**J**
74-87-3	Chloromethane	**1.1**	2.6	0.42	**0.51**	1.3	0.20	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.41	2.6	0.41	<0.059	0.37	0.059	
75-01-4	Vinyl Chloride	<0.28	2.6	0.28	<0.11	1.0	0.11	
106-99-0	1,3-Butadiene	<0.43	2.6	0.43	<0.19	1.2	0.19	
74-83-9	Bromomethane	<0.36	2.6	0.36	<0.093	0.68	0.093	
75-00-3	Chloroethane	<0.32	2.6	0.32	<0.12	1.0	0.12	
64-17-5	Ethanol	**110**	25	1.8	**57**	13	0.96	
75-05-8	Acetonitrile	**2.9**	2.6	0.63	**1.7**	1.5	0.38	
107-02-8	Acrolein	**4.7**	4.9	0.73	**2.1**	2.1	0.32	**J**
67-64-1	Acetone	**77**	26	5.9	**32**	11	2.5	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.1**	2.6	0.39	**0.20**	0.46	0.070	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**5.0**	10	1.1	**2.0**	4.2	0.44	**J**
107-13-1	Acrylonitrile	<0.54	2.6	0.54	<0.25	1.2	0.25	
75-35-4	1,1-Dichloroethene	<0.36	2.6	0.36	<0.091	0.66	0.091	
75-09-2	Methylene Chloride	**1.6**	2.6	0.73	**0.46**	0.74	0.21	**J**
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.35	2.6	0.35	<0.11	0.84	0.11	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.46**	2.6	0.37	**0.060**	0.34	0.048	**J**
75-15-0	Carbon Disulfide	**31**	5.4	0.78	**9.9**	1.7	0.25	
156-60-5	trans-1,2-Dichloroethene	<0.36	2.6	0.36	<0.091	0.66	0.091	
75-34-3	1,1-Dichloroethane	<0.38	2.7	0.38	<0.094	0.66	0.094	
1634-04-4	Methyl tert-Butyl Ether	<0.31	2.6	0.31	<0.085	0.73	0.085	
108-05-4	Vinyl Acetate	**25**	26	5.9	**7.2**	7.5	1.7	**J**
78-93-3	2-Butanone (MEK)	**24**	5.4	0.54	**8.1**	1.8	0.18	

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Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **AB** ALS Project ID: P2000003
Client Project ID: **Tel Hashomer / KTE-54-19-Simi** ALS Sample ID: P2000003-003

Test Code: EPA TO-15 Date Collected: 12/23/19
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 1/2/20
Analyst: Wida Ang Date Analyzed: 1/14/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00702

Initial Pressure (psig): 0.15 Final Pressure (psig): 7.46
Initial Pressure 2 (psig): 5.44 Final Pressure 2 (psig): 11.58

Canister Dilution Factor: 1.95

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.37	2.6	0.37	<0.092	0.65	0.092	
141-78-6	Ethyl Acetate	**6.2**	5.4	1.4	**1.7**	1.5	0.38	
110-54-3	n-Hexane	**0.78**	2.6	0.54	**0.22**	0.75	0.15	**J**
67-66-3	Chloroform	<0.35	2.6	0.35	<0.071	0.54	0.071	
109-99-9	Tetrahydrofuran (THF)	**0.92**	2.7	0.33	**0.31**	0.91	0.11	**J**
107-06-2	1,2-Dichloroethane	<0.29	2.6	0.29	<0.071	0.65	0.071	
71-55-6	1,1,1-Trichloroethane	<0.32	2.6	0.32	<0.059	0.48	0.059	
71-43-2	Benzene	**1.1**	2.6	0.38	**0.34**	0.81	0.12	**J**
56-23-5	Carbon Tetrachloride	**0.38**	2.6	0.36	**0.060**	0.41	0.057	**J**
110-82-7	Cyclohexane	<0.73	5.4	0.73	<0.21	1.6	0.21	
78-87-5	1,2-Dichloropropane	<0.32	2.6	0.32	<0.070	0.57	0.070	
75-27-4	Bromodichloromethane	<0.38	2.6	0.38	<0.056	0.39	0.056	
79-01-6	Trichloroethene	<0.35	2.6	0.35	<0.065	0.49	0.065	
123-91-1	1,4-Dioxane	**2.9**	2.6	0.31	**0.81**	0.73	0.085	
80-62-6	Methyl Methacrylate	<0.93	5.4	0.93	<0.23	1.3	0.23	
142-82-5	n-Heptane	<0.41	2.6	0.41	<0.10	0.64	0.10	
10061-01-5	cis-1,3-Dichloropropene	<0.40	2.5	0.40	<0.089	0.56	0.089	
108-10-1	4-Methyl-2-pentanone	**1.6**	2.6	0.36	**0.40**	0.63	0.087	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.54	2.6	0.54	<0.12	0.57	0.12	
79-00-5	1,1,2-Trichloroethane	<0.26	2.6	0.26	<0.048	0.48	0.048	
108-88-3	Toluene	**10**	2.6	0.32	**2.8**	0.70	0.084	
591-78-6	2-Hexanone	**3.7**	2.6	0.32	**0.90**	0.64	0.079	
124-48-1	Dibromochloromethane	<0.34	2.6	0.34	<0.040	0.31	0.040	
106-93-4	1,2-Dibromoethane	<0.30	2.6	0.30	<0.039	0.34	0.039	
123-86-4	n-Butyl Acetate	**1.6**	2.7	0.36	**0.35**	0.56	0.075	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **AB** ALS Project ID: P2000003
Client Project ID: **Tel Hashomer / KTE-54-19-Simi** ALS Sample ID: P2000003-003

Test Code: EPA TO-15 Date Collected: 12/23/19
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 1/2/20
Analyst: Wida Ang Date Analyzed: 1/14/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00702

Initial Pressure (psig): 0.15 Final Pressure (psig): 7.46
Initial Pressure 2 (psig): 5.44 Final Pressure 2 (psig): 11.58

Canister Dilution Factor: 1.95

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.59	2.6	0.59	<0.13	0.56	0.13	
127-18-4	Tetrachloroethene	<0.34	2.5	0.34	<0.050	0.37	0.050	
108-90-7	Chlorobenzene	<0.35	2.6	0.35	<0.075	0.57	0.075	
100-41-4	Ethylbenzene	**0.72**	2.6	0.37	**0.17**	0.61	0.084	**J**
179601-23-1	m,p-Xylenes	**2.4**	5.4	0.68	**0.55**	1.2	0.16	**J**
75-25-2	Bromoform	<0.54	2.6	0.54	<0.052	0.25	0.052	
100-42-5	Styrene	**0.55**	2.6	0.42	**0.13**	0.61	0.099	**J**
95-47-6	o-Xylene	**0.78**	2.6	0.38	**0.18**	0.61	0.086	**J**
111-84-2	n-Nonane	**1.0**	2.6	0.43	**0.20**	0.50	0.083	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.36	2.6	0.36	<0.053	0.38	0.053	
98-82-8	Cumene	<0.38	2.6	0.38	<0.076	0.54	0.076	
80-56-8	alpha-Pinene	<0.40	2.6	0.40	<0.072	0.47	0.072	
103-65-1	n-Propylbenzene	<0.38	2.6	0.38	<0.076	0.54	0.076	
622-96-8	4-Ethyltoluene	<0.41	2.6	0.41	<0.084	0.54	0.084	
108-67-8	1,3,5-Trimethylbenzene	<0.38	2.6	0.38	<0.076	0.53	0.076	
95-63-6	1,2,4-Trimethylbenzene	**1.3**	2.6	0.36	**0.26**	0.54	0.073	**J**
100-44-7	Benzyl Chloride	<0.59	5.4	0.59	<0.11	1.0	0.11	
541-73-1	1,3-Dichlorobenzene	<0.39	2.6	0.39	<0.065	0.44	0.065	
106-46-7	1,4-Dichlorobenzene	<0.40	2.6	0.40	<0.067	0.44	0.067	
95-50-1	1,2-Dichlorobenzene	<0.39	2.6	0.39	<0.064	0.44	0.064	
5989-27-5	d-Limonene	**1.9**	2.6	0.54	**0.33**	0.47	0.096	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.49	2.6	0.49	<0.050	0.27	0.050	
120-82-1	1,2,4-Trichlorobenzene	<0.63	2.6	0.63	<0.085	0.35	0.085	
91-20-3	Naphthalene	<0.63	2.5	0.63	<0.12	0.48	0.12	
87-68-3	Hexachlorobutadiene	<0.54	2.6	0.54	<0.050	0.24	0.050	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2000003

Client Project ID: **Tel Hashomer / KTE-54-19-Simi** ALS Sample ID: P200114-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA

Analyst: Wida Ang Date Analyzed: 1/14/20

Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.13	0.53	0.13	<0.076	0.31	0.076	
75-71-8	Dichlorodifluoromethane (CFC 12)	<0.087	0.53	0.087	<0.018	0.11	0.018	
74-87-3	Chloromethane	<0.086	0.53	0.086	<0.042	0.26	0.042	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.084	0.53	0.084	<0.012	0.076	0.012	
75-01-4	Vinyl Chloride	<0.057	0.54	0.057	<0.022	0.21	0.022	
106-99-0	1,3-Butadiene	<0.088	0.53	0.088	<0.040	0.24	0.040	
74-83-9	Bromomethane	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-00-3	Chloroethane	<0.066	0.54	0.066	<0.025	0.20	0.025	
64-17-5	Ethanol	<0.37	5.2	0.37	<0.20	2.8	0.20	
75-05-8	Acetonitrile	<0.13	0.53	0.13	<0.077	0.32	0.077	
107-02-8	Acrolein	<0.15	1.0	0.15	<0.065	0.44	0.065	
67-64-1	Acetone	<1.2	5.3	1.2	<0.51	2.2	0.51	
75-69-4	Trichlorofluoromethane (CFC 11)	<0.081	0.53	0.081	<0.014	0.094	0.014	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.22	2.1	0.22	<0.090	0.85	0.090	
107-13-1	Acrylonitrile	<0.11	0.53	0.11	<0.051	0.24	0.051	
75-35-4	1,1-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-09-2	Methylene Chloride	<0.15	0.53	0.15	<0.043	0.15	0.043	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.072	0.54	0.072	<0.023	0.17	0.023	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.076	0.54	0.076	<0.0099	0.070	0.0099	
75-15-0	Carbon Disulfide	<0.16	1.1	0.16	<0.051	0.35	0.051	
156-60-5	trans-1,2-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-34-3	1,1-Dichloroethane	<0.078	0.55	0.078	<0.019	0.14	0.019	
1634-04-4	Methyl tert-Butyl Ether	<0.063	0.54	0.063	<0.017	0.15	0.017	
108-05-4	Vinyl Acetate	<1.2	5.4	1.2	<0.34	1.5	0.34	
78-93-3	2-Butanone (MEK)	<0.11	1.1	0.11	<0.037	0.37	0.037	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2000003

Client Project ID: **Tel Hashomer / KTE-54-19-Simi** ALS Sample ID: P200114-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA

Analyst: Wida Ang Date Analyzed: 1/14/20

Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.075	0.53	0.075	<0.019	0.13	0.019	
141-78-6	Ethyl Acetate	<0.28	1.1	0.28	<0.078	0.31	0.078	
110-54-3	n-Hexane	<0.11	0.54	0.11	<0.031	0.15	0.031	
67-66-3	Chloroform	<0.071	0.54	0.071	<0.015	0.11	0.015	
109-99-9	Tetrahydrofuran (THF)	<0.067	0.55	0.067	<0.023	0.19	0.023	
107-06-2	1,2-Dichloroethane	<0.059	0.54	0.059	<0.015	0.13	0.015	
71-55-6	1,1,1-Trichloroethane	<0.066	0.54	0.066	<0.012	0.099	0.012	
71-43-2	Benzene	<0.077	0.53	0.077	<0.024	0.17	0.024	
56-23-5	Carbon Tetrachloride	<0.074	0.53	0.074	<0.012	0.084	0.012	
110-82-7	Cyclohexane	<0.15	1.1	0.15	<0.044	0.32	0.044	
78-87-5	1,2-Dichloropropane	<0.066	0.54	0.066	<0.014	0.12	0.014	
75-27-4	Bromodichloromethane	<0.077	0.54	0.077	<0.011	0.081	0.011	
79-01-6	Trichloroethene	<0.072	0.54	0.072	<0.013	0.10	0.013	
123-91-1	1,4-Dioxane	<0.063	0.54	0.063	<0.017	0.15	0.017	
80-62-6	Methyl Methacrylate	<0.19	1.1	0.19	<0.046	0.27	0.046	
142-82-5	n-Heptane	<0.085	0.54	0.085	<0.021	0.13	0.021	
10061-01-5	cis-1,3-Dichloropropene	<0.083	0.52	0.083	<0.018	0.11	0.018	
108-10-1	4-Methyl-2-pentanone	<0.073	0.53	0.073	<0.018	0.13	0.018	
10061-02-6	trans-1,3-Dichloropropene	<0.11	0.53	0.11	<0.024	0.12	0.024	
79-00-5	1,1,2-Trichloroethane	<0.054	0.54	0.054	<0.0099	0.099	0.0099	
108-88-3	Toluene	<0.065	0.54	0.065	<0.017	0.14	0.017	
591-78-6	2-Hexanone	<0.066	0.54	0.066	<0.016	0.13	0.016	
124-48-1	Dibromochloromethane	<0.070	0.54	0.070	<0.0082	0.063	0.0082	
106-93-4	1,2-Dibromoethane	<0.062	0.54	0.062	<0.0081	0.070	0.0081	
123-86-4	n-Butyl Acetate	<0.073	0.55	0.073	<0.015	0.12	0.015	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2000003

Client Project ID: **Tel Hashomer / KTE-54-19-Simi** ALS Sample ID: P200114-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA

Analyst: Wida Ang Date Analyzed: 1/14/20

Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.12	0.54	0.12	<0.026	0.12	0.026	
127-18-4	Tetrachloroethene	<0.069	0.52	0.069	<0.010	0.077	0.010	
108-90-7	Chlorobenzene	<0.071	0.54	0.071	<0.015	0.12	0.015	
100-41-4	Ethylbenzene	<0.075	0.54	0.075	<0.017	0.12	0.017	
179601-23-1	m,p-Xylenes	<0.14	1.1	0.14	<0.032	0.25	0.032	
75-25-2	Bromoform	<0.11	0.54	0.11	<0.011	0.052	0.011	
100-42-5	Styrene	<0.086	0.53	0.086	<0.020	0.12	0.020	
95-47-6	o-Xylene	<0.077	0.54	0.077	<0.018	0.12	0.018	
111-84-2	n-Nonane	<0.089	0.54	0.089	<0.017	0.10	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	<0.074	0.54	0.074	<0.011	0.079	0.011	
98-82-8	Cumene	<0.077	0.54	0.077	<0.016	0.11	0.016	
80-56-8	alpha-Pinene	<0.082	0.54	0.082	<0.015	0.097	0.015	
103-65-1	n-Propylbenzene	<0.077	0.54	0.077	<0.016	0.11	0.016	
622-96-8	4-Ethyltoluene	<0.085	0.54	0.085	<0.017	0.11	0.017	
108-67-8	1,3,5-Trimethylbenzene	<0.077	0.53	0.077	<0.016	0.11	0.016	
95-63-6	1,2,4-Trimethylbenzene	<0.074	0.54	0.074	<0.015	0.11	0.015	
100-44-7	Benzyl Chloride	<0.12	1.1	0.12	<0.023	0.21	0.023	
541-73-1	1,3-Dichlorobenzene	<0.080	0.54	0.080	<0.013	0.090	0.013	
106-46-7	1,4-Dichlorobenzene	<0.082	0.54	0.082	<0.014	0.090	0.014	
95-50-1	1,2-Dichlorobenzene	<0.079	0.54	0.079	<0.013	0.090	0.013	
5989-27-5	d-Limonene	<0.11	0.54	0.11	<0.020	0.097	0.020	
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.53	0.10	<0.010	0.055	0.010	
120-82-1	1,2,4-Trichlorobenzene	<0.13	0.54	0.13	<0.018	0.073	0.018	
91-20-3	Naphthalene	<0.13	0.52	0.13	<0.025	0.099	0.025	
87-68-3	Hexachlorobutadiene	<0.11	0.53	0.11	<0.010	0.050	0.010	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Project ID: **Tel Hashomer / KTE-54-19-Simi** ALS Project ID: P2000003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date(s) Collected: 12/23/19
Analyst: Wida Ang Date(s) Received: 1/2/20
Sample Type: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 1/14/20
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P200114-MB	**97**	**97**	**99**	70-130	
Lab Control Sample	P200114-LCS	**92**	**99**	**107**	70-130	
SG 3S	P2000003-001	**96**	**95**	**105**	70-130	
S 139	P2000003-002	**90**	**97**	**113**	70-130	
AB	P2000003-003	**93**	**96**	**108**	70-130	
AB	P2000003-003DUP	**94**	**95**	**107**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2000003
Client Project ID: **Tel Hashomer / KTE-54-19-Simi** ALS Sample ID: P200114-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 1/14/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
115-07-1	Propene	210	**230**	**110**	51-133	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**184**	**88**	64-115	
74-87-3	Chloromethane	212	**161**	**76**	49-127	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	206	**162**	**79**	65-114	
75-01-4	Vinyl Chloride	212	**204**	**96**	61-129	
106-99-0	1,3-Butadiene	212	**244**	**115**	54-140	
74-83-9	Bromomethane	212	**199**	**94**	68-120	
75-00-3	Chloroethane	214	**227**	**106**	63-123	
64-17-5	Ethanol	1,060	**1100**	**104**	49-134	
75-05-8	Acetonitrile	214	**254**	**119**	50-137	
107-02-8	Acrolein	206	**215**	**104**	62-128	
67-64-1	Acetone	1,070	**1010**	**94**	56-125	
75-69-4	Trichlorofluoromethane (CFC 11)	212	**183**	**86**	64-115	
67-63-0	2-Propanol (Isopropyl Alcohol)	422	**462**	**109**	57-133	
107-13-1	Acrylonitrile	212	**248**	**117**	64-136	
75-35-4	1,1-Dichloroethene	214	**211**	**99**	67-115	
75-09-2	Methylene Chloride	210	**204**	**97**	68-114	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	214	**245**	**114**	55-139	
76-13-1	Trichlorotrifluoroethane (CFC 113)	216	**205**	**95**	65-115	
75-15-0	Carbon Disulfide	212	**195**	**92**	68-113	
156-60-5	trans-1,2-Dichloroethene	214	**225**	**105**	65-122	
75-34-3	1,1-Dichloroethane	212	**214**	**101**	63-118	
1634-04-4	Methyl tert-Butyl Ether	214	**135**	**63**	57-131	
108-05-4	Vinyl Acetate	1,070	**890**	**83**	71-128	
78-93-3	2-Butanone (MEK)	212	**220**	**104**	67-123	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2000003
Client Project ID: **Tel Hashomer / KTE-54-19-Simi** ALS Sample ID: P200114-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 1/14/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
156-59-2	cis-1,2-Dichloroethene	212	**213**	**100**	64-120	
141-78-6	Ethyl Acetate	432	**434**	**100**	64-131	
110-54-3	n-Hexane	216	**216**	**100**	58-125	
67-66-3	Chloroform	214	**194**	**91**	65-114	
109-99-9	Tetrahydrofuran (THF)	220	**216**	**98**	65-115	
107-06-2	1,2-Dichloroethane	214	**186**	**87**	59-119	
71-55-6	1,1,1-Trichloroethane	214	**188**	**88**	66-115	
71-43-2	Benzene	210	**187**	**89**	66-109	
56-23-5	Carbon Tetrachloride	208	**181**	**87**	66-119	
110-82-7	Cyclohexane	422	**382**	**91**	67-117	
78-87-5	1,2-Dichloropropane	214	**217**	**101**	66-119	
75-27-4	Bromodichloromethane	218	**194**	**89**	71-119	
79-01-6	Trichloroethene	216	**186**	**86**	70-114	
123-91-1	1,4-Dioxane	216	**208**	**96**	71-117	
80-62-6	Methyl Methacrylate	430	**408**	**95**	76-121	
142-82-5	n-Heptane	214	**212**	**99**	66-119	
10061-01-5	cis-1,3-Dichloropropene	214	**226**	**106**	72-125	
108-10-1	4-Methyl-2-pentanone	212	**223**	**105**	68-130	
10061-02-6	trans-1,3-Dichloropropene	212	**222**	**105**	71-132	
79-00-5	1,1,2-Trichloroethane	214	**202**	**94**	70-117	
108-88-3	Toluene	212	**197**	**93**	67-113	
591-78-6	2-Hexanone	216	**221**	**102**	62-135	
124-48-1	Dibromochloromethane	214	**206**	**96**	73-126	
106-93-4	1,2-Dibromoethane	214	**200**	**93**	71-122	
123-86-4	n-Butyl Acetate	218	**228**	**105**	65-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2000003
Client Project ID: **Tel Hashomer / KTE-54-19-Simi** ALS Sample ID: P200114-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 1/14/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
111-65-9	n-Octane	216	**226**	**105**	63-120	
127-18-4	Tetrachloroethene	208	**193**	**93**	64-120	
108-90-7	Chlorobenzene	214	**191**	**89**	65-116	
100-41-4	Ethylbenzene	212	**201**	**95**	65-117	
179601-23-1	m,p-Xylenes	426	**395**	**93**	64-121	
75-25-2	Bromoform	214	**195**	**91**	72-130	
100-42-5	Styrene	212	**210**	**99**	72-126	
95-47-6	o-Xylene	214	**196**	**92**	64-120	
111-84-2	n-Nonane	214	**236**	**110**	56-132	
79-34-5	1,1,2,2-Tetrachloroethane	214	**202**	**94**	66-122	
98-82-8	Cumene	214	**200**	**93**	64-121	
80-56-8	alpha-Pinene	212	**202**	**95**	62-136	
103-65-1	n-Propylbenzene	214	**205**	**96**	65-123	
622-96-8	4-Ethyltoluene	210	**200**	**95**	71-126	
108-67-8	1,3,5-Trimethylbenzene	212	**202**	**95**	65-120	
95-63-6	1,2,4-Trimethylbenzene	212	**190**	**90**	63-129	
100-44-7	Benzyl Chloride	214	**169**	**79**	66-138	
541-73-1	1,3-Dichlorobenzene	214	**198**	**93**	65-127	
106-46-7	1,4-Dichlorobenzene	214	**198**	**93**	65-125	
95-50-1	1,2-Dichlorobenzene	214	**188**	**88**	67-128	
5989-27-5	d-Limonene	212	**202**	**95**	65-136	
96-12-8	1,2-Dibromo-3-chloropropane	214	**187**	**87**	73-133	
120-82-1	1,2,4-Trichlorobenzene	216	**176**	**81**	62-140	
91-20-3	Naphthalene	212	**157**	**74**	57-149	
87-68-3	Hexachlorobutadiene	214	**224**	**105**	57-129	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **AB** ALS Project ID: P2000003
Client Project ID: **Tel Hashomer / KTE-54-19-Simi** ALS Sample ID: P2000003-003DUP

Test Code: EPA TO-15 Date Collected: 12/23/19
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 1/2/20
Analyst: Wida Ang Date Analyzed: 1/14/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00702

Initial Pressure (psig): 0.15 Final Pressure (psig): 7.46
Initial Pressure 2 (psig): 5.44 Final Pressure 2 (psig): 11.58
Canister Dilution Factor: 1.95

Compound	Sample Result µg/m³	Sample Result ppbV	**Duplicate Sample Result µg/m³**	**Duplicate Sample Result** ppbV	Average µg/m³	**% RPD**	RPD Limit	**Data Qualifier**
Propene	2.01	1.17	2.46	1.43	2.235	**20**	25	**J**
Dichlorodifluoromethane (CFC 12)	2.22	0.450	2.32	0.468	2.27	**4**	25	**J**
Chloromethane	1.05	0.510	0.702	0.340	0.876	**40**	25	**J, R1**
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.41	<0.059	<0.41	<0.059	-	-	25	
Vinyl Chloride	<0.28	<0.11	<0.28	<0.11	-	-	25	
1,3-Butadiene	<0.43	<0.19	<0.43	<0.19	-	-	25	
Bromomethane	<0.36	<0.093	<0.36	<0.093	-	-	25	
Chloroethane	<0.32	<0.12	<0.32	<0.12	-	-	25	
Ethanol	106	56.5	104	55.0	105	**2**	25	
Acetonitrile	2.87	1.71	2.62	1.56	2.745	**9**	25	
Acrolein	4.72	2.06	4.27	1.86	4.495	**10**	25	**J**
Acetone	77.0	32.4	75.9	32.0	76.45	**1**	25	
Trichlorofluoromethane	1.14	0.203	1.17	0.208	1.155	**3**	25	**J**
2-Propanol (Isopropyl Alcohol)	4.98	2.03	4.44	1.81	4.71	**11**	25	**J**
Acrylonitrile	<0.54	<0.25	<0.54	<0.25	-	-	25	
1,1-Dichloroethene	<0.36	<0.091	<0.36	<0.091	-	-	25	
Methylene Chloride	1.59	0.458	1.64	0.473	1.615	**3**	25	**J**
3-Chloro-1-propene (Allyl Chloride)	<0.35	<0.11	<0.35	<0.11	-	-	25	
Trichlorotrifluoroethane	0.463	0.0605	0.488	0.0636	0.4755	**5**	25	**J**
Carbon Disulfide	30.7	9.88	31.5	10.1	31.1	**3**	25	
trans-1,2-Dichloroethene	<0.36	<0.091	<0.36	<0.091	-	-	25	
1,1-Dichloroethane	<0.38	<0.094	<0.38	<0.094	-	-	25	
Methyl tert-Butyl Ether	<0.31	<0.085	<0.31	<0.085	-	-	25	
Vinyl Acetate	25.3	7.20	20.0	5.68	22.65	**23**	25	**J**
2-Butanone (MEK)	23.7	8.05	22.9	7.75	23.3	**3**	25	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
R1 = Duplicate precision not within the specified limits; however, the results are below the MRL and considered estimated.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **AB** ALS Project ID: P2000003
Client Project ID: **Tel Hashomer / KTE-54-19-Simi** ALS Sample ID: P2000003-003DUP

Test Code: EPA TO-15 Date Collected: 12/23/19
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 1/2/20
Analyst: Wida Ang Date Analyzed: 1/14/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00702

Initial Pressure (psig): 0.15 Final Pressure (psig): 7.46
Initial Pressure 2 (psig): 5.44 Final Pressure 2 (psig): 11.58
Canister Dilution Factor: 1.95

Compound	Sample Result µg/m³	Sample Result ppbV	Duplicate Sample Result µg/m³	Duplicate Sample Result ppbV	Average µg/m³	% RPD	RPD Limit	Data Qualifier
cis-1,2-Dichloroethene	<0.37	<0.092	<0.37	<0.092	-	-	25	
Ethyl Acetate	6.24	1.73	5.99	1.66	6.115	**4**	25	
n-Hexane	0.785	0.223	0.756	0.214	0.7705	**4**	25	**J**
Chloroform	<0.35	<0.071	<0.35	<0.071	-	-	25	
Tetrahydrofuran (THF)	0.921	0.313	<0.33	<0.11	-	-	25	
1,2-Dichloroethane	<0.29	<0.071	<0.29	<0.071	-	-	25	
1,1,1-Trichloroethane	<0.32	<0.059	<0.32	<0.059	-	-	25	
Benzene	1.10	0.343	1.11	0.348	1.105	**0.9**	25	**J**
Carbon Tetrachloride	0.380	0.0605	0.380	0.0605	0.38	**0**	25	**J**
Cyclohexane	<0.73	<0.21	<0.73	<0.21	-	-	25	
1,2-Dichloropropane	<0.32	<0.070	<0.32	<0.070	-	-	25	
Bromodichloromethane	<0.38	<0.056	<0.38	<0.056	-	-	25	
Trichloroethene	<0.35	<0.065	<0.35	<0.065	-	-	25	
1,4-Dioxane	2.93	0.812	1.88	0.522	2.405	**44**	25	**J, R1**
Methyl Methacrylate	<0.93	<0.23	<0.93	<0.23	-	-	25	
n-Heptane	<0.41	<0.10	<0.41	<0.10	-	-	25	**J**
cis-1,3-Dichloropropene	<0.40	<0.089	<0.40	<0.089	-	-	25	
4-Methyl-2-pentanone	1.63	0.399	1.38	0.337	1.505	**17**	25	**J**
trans-1,3-Dichloropropene	<0.54	<0.12	<0.54	<0.12	-	-	25	
1,1,2-Trichloroethane	<0.26	<0.048	<0.26	<0.048	-	-	25	
Toluene	10.5	2.78	10.6	2.82	10.55	**0.9**	25	
2-Hexanone	3.70	0.902	2.20	0.537	2.95	**51**	25	**J, R1**
Dibromochloromethane	<0.34	<0.040	<0.34	<0.040	-	-	25	
1,2-Dibromoethane	<0.30	<0.039	<0.30	<0.039	-	-	25	
n-Butyl Acetate	1.65	0.347	1.13	0.237	1.39	**37**	25	**J, R1**

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R1 = Duplicate precision not within the specified limits; however, the results are below the MRL and considered estimated.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **AB** ALS Project ID: P2000003
Client Project ID: **Tel Hashomer / KTE-54-19-Simi** ALS Sample ID: P2000003-003DUP

Test Code: EPA TO-15 Date Collected: 12/23/19
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 1/2/20
Analyst: Wida Ang Date Analyzed: 1/14/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00702

Initial Pressure (psig): 0.15 Final Pressure (psig): 7.46
Initial Pressure 2 (psig): 5.44 Final Pressure 2 (psig): 11.58
Canister Dilution Factor: 1.95

Compound	Sample Result µg/m³	Sample Result ppbV	**Duplicate Sample Result µg/m³**	**Duplicate Sample Result ppbV**	Average µg/m³	**% RPD**	RPD Limit	**Data Qualifier**
n-Octane	<0.59	<0.13	<0.59	<0.13	-	-	25	**J**
Tetrachloroethene	<0.34	<0.050	<0.34	<0.050	-	-	25	
Chlorobenzene	<0.35	<0.075	<0.35	<0.075	-	-	25	
Ethylbenzene	0.717	0.165	0.697	0.161	0.707	**3**	25	**J**
m,p-Xylenes	2.40	0.552	2.37	0.546	2.385	**1**	25	**J**
Bromoform	<0.54	<0.052	<0.54	<0.052	-	-	25	
Styrene	0.546	0.128	0.497	0.117	0.5215	**9**	25	**J**
o-Xylene	0.775	0.179	0.770	0.177	0.7725	**0.6**	25	**J**
n-Nonane	1.04	0.199	0.917	0.175	0.9785	**13**	25	**J**
1,1,2,2-Tetrachloroethane	<0.36	<0.053	<0.36	<0.053	-	-	25	
Cumene	<0.38	<0.076	<0.38	<0.076	-	-	25	
alpha-Pinene	<0.40	<0.072	<0.40	<0.072	-	-	25	
n-Propylbenzene	<0.38	<0.076	<0.38	<0.076	-	-	25	
4-Ethyltoluene	<0.41	<0.084	<0.41	<0.084	-	-	25	**J**
1,3,5-Trimethylbenzene	<0.38	<0.076	<0.38	<0.076	-	-	25	**J**
1,2,4-Trimethylbenzene	1.30	0.265	1.30	0.265	1.3	**0**	25	**J**
Benzyl Chloride	<0.59	<0.11	<0.59	<0.11	-	-	25	
1,3-Dichlorobenzene	<0.39	<0.065	<0.39	<0.065	-	-	25	
1,4-Dichlorobenzene	<0.40	<0.067	<0.40	<0.067	-	-	25	
1,2-Dichlorobenzene	<0.39	<0.064	<0.39	<0.064	-	-	25	
d-Limonene	1.85	0.333	1.73	0.311	1.79	**7**	25	**J**
1,2-Dibromo-3-chloropropane	<0.49	<0.050	<0.49	<0.050	-	-	25	
1,2,4-Trichlorobenzene	<0.63	<0.085	<0.63	<0.085	-	-	25	
Naphthalene	<0.63	<0.12	<0.63	<0.12	-	-	25	**J**
Hexachlorobutadiene	<0.54	<0.050	<0.54	<0.050	-	-	25	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Response Factor Report MS13

Method Path : I:\MS13\METHODS\
Method File : R13110119.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
Last Update : Sat Nov 02 09:55:49 2019
Response Via : Initial Calibration

Calibration Files
0.1 =11011916.D 0.2 =11011917.D 0.5 =11011928.D 1.0 =11011919.D 5.0 =11011920.D 25 =11011921.D 50 =11011922.D
100 =11011923.D

		Compound	0.1	0.2	0.5	1.0	5.0	25	50	100	Avg	%RSD
1)	IR	Bromochloromethane...	----------	ISTD	----------							
2)	T	Propene	1.878	1.643	1.398	1.540	1.714	1.696	1.949	2.406	1.778	17.32
3)	T	Dichlorodifluo...	3.130	2.990	2.330	2.699	2.935	2.892	2.944	3.022	2.868	8.70
4)	T	Chloromethane	2.729	2.522	1.825	2.089	2.053	2.026	1.618		2.123	18.11
5)	T	1,2-Dichloro-1...	1.543	1.465	1.304	1.433	1.577	1.759	1.639	1.764	1.561	10.25
6)	T	Vinyl Chloride	2.463	2.506	1.799	1.957	2.596	2.806	2.590	2.702	2.427	14.74
7)	T	1,3-Butadiene	1.297	1.249	1.170	1.335	1.554	1.829	1.960	2.199	1.574	24.10
8)	T	Bromomethane	1.202	1.146	0.983	1.105	1.208	1.211	1.269	1.376	1.188	9.73
9)	T	Chloroethane	1.049	1.060	0.870	0.960	1.057	1.046	1.086	1.174	1.038	8.62
10)	T	Ethanol	1.342	1.092	0.922	0.993	1.119	1.245	1.323	1.394	1.179	14.69
11)	T	Acetonitrile	3.269	2.708	2.237	2.466	2.844	2.857	2.960	3.114	2.807	11.93
12)	T	Acrolein	0.870	0.890	0.708	0.826	0.973	0.955	0.947	1.000	0.896	10.64
13)	T	Acetone	1.405	1.198	0.977	1.038	1.177	1.311	1.367	1.308	1.223	12.61
14)	T	Trichlorofluor...	2.466	2.380	1.981	2.230	2.495	2.505	2.588	2.801	2.431	10.05
15)	T	2-Propanol (Is...	3.908	3.728	3.240	3.564	4.067	4.289	4.116	3.526	3.805	9.28
16)	T	Acrylonitrile	1.777	1.697	1.456	1.668	2.035	2.103	2.156	2.271	1.896	15.05
17)	T	1,1-Dichloroet...	1.253	1.224	1.012	1.175	1.313	1.350	1.399	1.552	1.285	12.51
18)	T	2-Methyl-2-Pro...	3.563	3.421	2.878	3.379	3.528	3.763	3.057	2.299	3.236	14.60
19)	T	Methylene Chlo...	1.413	1.337	1.110	1.273	1.425	1.465	1.525	1.704	1.407	12.52
20)	T	3-Chloro-1-pro...	2.250	2.093	1.796	1.976	2.335	2.420	2.486	2.629	2.248	12.37
21)	T	Trichlorotrifl...	0.939	1.024	0.823	0.942	1.031	1.064	1.088	1.220	1.016	11.64
22)	T	Carbon Disulfide	7.274	5.582	4.858	4.692	5.141	5.253	5.308	5.515	5.453	14.59
23)	T	trans-1,2-Dich...	2.042	1.945	1.601	1.883	2.114	2.164	2.227	2.374	2.044	11.60
24)	T	1,1-Dichloroet...	2.599	2.545	2.106	2.346	2.628	2.622	2.652	2.782	2.535	8.36
25)	T	Methyl tert-Bu...	4.091	4.087	3.379	3.906	4.363	4.136	3.147	2.351	3.682	18.36
26)	T	Vinyl Acetate			0.249	0.298	0.368	0.447	0.484	0.453	0.383	24.65
27)	T	2-Butanone (MEK)	0.746	0.879	0.758	0.903	1.059	1.114	1.156	1.265	0.985	19.44
28)	T	cis-1,2-Dichlo...	2.083	1.964	1.618	1.855	2.089	2.134	2.207	2.339	2.036	10.95
29)	T	Diisopropyl Ether	1.238	1.283	1.079	1.289	1.502	1.524	1.678	1.527	1.390	14.23
30)	T	Ethyl Acetate	0.485	0.453	0.421	0.485	0.581	0.687	0.747	0.688	0.568	22.01
31)	T	n-Hexane	2.541	2.439	2.096	2.352	2.687	3.042	3.217	2.944	2.665	14.28
32)	T	Chloroform	2.436	2.420	1.940	2.307	2.599	2.676	2.779	2.962	2.515	12.49
33)	S	1,2-Dichloroet...	1.884	1.864	1.894	1.866	1.856	1.832	1.838	1.857	1.861	1.13
34)	T	Tetrahydrofura...	1.079	0.932	0.804	0.865	0.982	1.021	1.055	1.147	0.986	11.60
35)	T	Ethyl tert-But...	1.467	1.435	1.258	1.477	1.717	1.821	1.941	2.137	1.657	17.95
36)	T	1,2-Dichloroet...	2.087	1.977	1.599	1.872	2.071	2.107	2.161	2.273	2.018	10.25
37)	IR	1,4-Difluorobenzen...	----------	ISTD	----------							
38)	T	1,1,1-Trichlor...	0.448	0.448	0.372	0.427	0.487	0.505	0.516	0.529	0.467	11.30
39)	T	Isopropyl Acetate	0.189	0.192	0.165	0.188	0.220	0.259	0.279	0.273	0.221	20.06
40)	T	1-Butanol	0.366	0.288	0.264	0.271	0.350	0.428	0.466	0.446	0.360	22.45
41)	T	Benzene	1.635	1.397	1.087	1.214	1.348	1.439	1.543	1.445	1.389	12.57
42)	T	Carbon Tetrach...	0.373	0.371	0.318	0.378	0.436	0.463	0.481	0.506	0.416	15.67

Method Path : I:\MS13\METHODS\
Method File : R13110119.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)

43)	T	Cyclohexane	0.499	0.467	0.388	0.450	0.513	0.566	0.588	0.546	0.502	13.14
44)	T	tert-Amyl Meth...	0.889	0.830	0.682	0.795	0.925	0.986	1.026	1.044	0.897	13.84
45)	T	1,2-Dichloropr...	0.380	0.314	0.260	0.297	0.330	0.340	0.349	0.367	0.330	11.77
46)	T	Bromodichlorom...	0.441	0.368	0.319	0.366	0.437	0.474	0.495	0.527	0.428	16.77
47)	T	Trichloroethene	0.385	0.296	0.243	0.279	0.317	0.345	0.372	0.412	0.331	17.42
48)	T	1,4-Dioxane	0.258	0.210	0.194	0.217	0.252	0.290	0.313	0.352	0.261	20.92
49)	T	2,2,4-Trimethy...	1.733	1.352	1.136	1.275	1.438	1.483	1.510	1.459	1.423	12.41
50)	T	Methyl Methacr...	0.122	0.100	0.088	0.105	0.126	0.145	0.159	0.168	0.127	22.80
51)	T	n-Heptane	0.356	0.311	0.258	0.300	0.343	0.368	0.392	0.415	0.343	15.02
52)	T	cis-1,3-Dichlo...	0.435	0.415	0.381	0.449	0.536	0.579	0.604	0.637	0.505	19.09
53)	T	4-Methyl-2-pen...	0.276	0.268	0.230	0.270	0.318	0.351	0.369	0.395	0.310	18.63
54)	T	trans-1,3-Dich...	0.340	0.340	0.320	0.377	0.471	0.515	0.534	0.562	0.432	22.81
55)	T	1,1,2-Trichlor...	0.285	0.274	0.222	0.269	0.301	0.319	0.332	0.356	0.295	14.14
56)	IR	Chlorobenzene-d5 (...	----------	ISTD	----------							
57)	S	Toluene-d8 (SS2)	2.508	2.474	2.502	2.504	2.468	2.446	2.416	2.363	2.460	2.06
58)	T	Toluene	2.913	2.555	2.119	2.425	2.746	2.874	2.928	2.787	2.668	10.63
59)	T	2-Hexanone	1.472	1.240	1.211	1.369	1.620	1.754	1.809	1.797	1.534	16.00
60)	T	Dibromochlorom...	0.527	0.516	0.494	0.575	0.701	0.780	0.817	0.868	0.660	22.73
61)	T	1,2-Dibromoethane	0.580	0.565	0.502	0.587	0.692	0.732	0.758	0.800	0.652	16.48
62)	T	n-Butyl Acetate	1.561	1.385	1.327	1.489	1.783	1.926	1.975	1.948	1.674	15.83
63)	T	n-Octane	0.540	0.536	0.458	0.525	0.611	0.661	0.704	0.737	0.596	16.39
64)	T	Tetrachloroethene	0.625	0.622	0.505	0.592	0.666	0.746	0.809	0.896	0.683	18.56
65)	T	Chlorobenzene	1.562	1.521	1.306	1.511	1.716	1.822	2.342	1.927	1.713	18.72
66)	T	Ethylbenzene	2.877	2.696	2.273	2.676	3.066	3.338	3.408	3.074	2.926	12.83
67)	T	m- & p-Xylenes	2.219	2.015	1.783	2.071	2.430	2.779	2.849	2.378	2.316	15.98
68)	T	Bromoform			0.329	0.397	0.535	0.653	0.718	0.799	0.572	32.31
69)	T	Styrene	1.326	1.255	1.159	1.497	1.845	2.086	2.194	2.128	1.686	25.23
70)	T	o-Xylene	2.186	2.082	1.819	2.102	2.465	2.801	2.964	2.655	2.384	16.77
71)	T	n-Nonane	1.242	1.212	1.091	1.227	1.469	1.601	1.667	1.559	1.384	15.56
72)	T	1,1,2,2-Tetrac...	0.972	0.919	0.837	0.985	1.180	1.332	1.435	1.384	1.131	20.52
73)	S	Bromofluoroben...	0.503	0.512	0.510	0.515	0.532	0.542	0.545	0.549	0.526	3.43
74)	T	Cumene	2.778	2.626	2.221	2.576	3.002	3.337	3.412	2.942	2.862	13.91
75)	T	alpha-Pinene	1.325	1.343	0.990	1.290	1.575	1.782	1.910	1.793	1.501	21.05
76)	T	n-Propylbenzene	3.284	2.997	2.740	3.199	3.741	4.096	4.058	3.351	3.433	14.26
77)	T	3-Ethyltoluene	2.628	2.398	2.181	2.548	3.046	3.380	3.670	3.038	2.861	17.81
78)	T	4-Ethyltoluene	2.345	2.197	2.063	2.429	2.887	3.385	3.268	2.869	2.680	18.44
79)	T	1,3,5-Trimethy...	2.031	1.912	1.790	2.127	2.530	2.904	3.061	2.678	2.379	20.11
80)	T	alpha-Methylst...				1.036	1.338	1.556	1.715	1.619	1.453	18.67
81)	T	2-Ethyltoluene	2.476	2.320	2.109	2.466	2.999	3.397	3.516	3.029	2.789	18.60
82)	T	1,2,4-Trimethy...			1.766	2.110	2.649	3.343	3.152	2.222	2.540	24.37
83)	T	n-Decane	0.920	0.940	1.049	1.244	1.480	1.724	1.866	1.616	1.355	27.18
84)	T	Benzyl Chloride				1.396	2.061	2.651	2.871	2.467	2.289	25.38
85)	T	1,3-Dichlorobe...	1.070	0.941	0.941	1.117	1.397	1.683	1.857	1.690	1.337	27.58
86)	T	1,4-Dichlorobe...	1.037	0.936	0.949	1.136	1.381	1.589	1.815	1.677	1.315	26.45
87)	T	sec-Butylbenzene	2.990	2.649	2.379	2.839	3.435	3.852	3.940	3.132	3.152	17.65
88)	T	4-Isopropyltol...			2.098	2.516	3.182	3.927	3.504	2.354	2.930	24.52
89)	T	1,2,3-Trimethy...			1.769	2.122	2.689	3.423	3.158	2.169	2.555	25.29
90)	T	1,2-Dichlorobe...			0.896	1.074	1.355	1.695	1.792	1.390	1.367	25.27
91)	T	d-Limonene			0.529	0.841	1.093	1.332	1.382	1.034	1.035	30.72
92)	T	1,2-Dibromo-3-...			0.278	0.339	0.455	0.532	0.584	0.636	0.471	29.79
93)	T	n-Undecane			0.998	1.200	1.481	1.700	1.805	1.603	1.465	21.12
94)	T	1,2,4-Trichlor...			0.564	0.685	0.847	0.981	1.146	1.227	0.908	28.51

Method Path : I:\MS13\METHODS\
Method File : R13110119.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)

95)	T	Naphthalene			1.948	2.477	3.224	3.858	3.922	2.913	3.057	25.35
96)	T	n-Dodecane				1.188	1.553	1.785	1.861	1.370	1.552	18.11
97)	T	Hexachlorobuta...	0.426	0.422	0.370	0.445	0.538	0.654	0.792		0.521	29.15
98)	T	Cyclohexanone	0.891	0.774	0.717	0.784	0.981	1.142	1.198	1.247	0.967	21.47
99)	T	tert-Butylbenzene	2.158	1.953	1.701	2.034	2.522	3.133	2.930	2.096	2.316	21.59
100)	T	n-Butylbenzene			1.923	2.320	2.822	3.158	3.207	2.604	2.673	18.60

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : I:\MS13\DATA\2020 01\14\01142002.D Vial: 2
Acq On : 14 Jan 2020 1:55 Operator: WA
Sample : CCV R13011420 25ng Inst : MS13
Misc : S31-10251901/S31-12171901

Quant Time: Jan 14 06:14:34 2020
Quant Method : I:\MS13\METHODS\R13110119.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Sat Nov 02 09:55:49 2019
Response via : Initial Calibration
DataAcq Meth:TO15A.M

WA 1/14/20

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	100	-0.01
2	T	Propene	1.778	2.175	-22.3	128	-0.02
3	T	Dichlorodifluoromethane (CF	2.868	2.799	2.4	96	-0.02
4	T	Chloromethane	2.123	2.414	-13.7	119	-0.02
5	T	1,2-Dichloro-1,1,2,2-tetraf	1.561	1.343	14.0	76	-0.03
6	T	Vinyl Chloride	2.427	2.495	-2.8	89	-0.02
7	T	1,3-Butadiene	1.574	1.906	-21.1	104	-0.03
8	T	Bromomethane	1.188	1.261	-6.1	104	-0.03
9	T	Chloroethane	1.038	1.243	-19.7	118	-0.03
10	T	Ethanol	1.179	1.427	-21.0	114	-0.07
11	T	Acetonitrile	2.807	3.782	-34.7#	132	-0.05
12	T	Acrolein	0.896	1.150	-28.3	120	-0.02
13	T	Acetone	1.223	1.275	-4.3	97	-0.04
14	T	Trichlorofluoromethane	2.431	2.323	4.4	92	-0.02
15	T	2-Propanol (Isopropanol)	3.805	4.766	-25.3	111	-0.05
16	T	Acrylonitrile	1.896	2.494	-31.5#	118	-0.03
17	T	1,1-Dichloroethene	1.285	1.372	-6.8	101	-0.02
18	T	2-Methyl-2-Propanol (tert-B	3.236	3.978	-22.9	105	-0.04
19	T	Methylene Chloride	1.407	1.492	-6.0	101	-0.02
20	T	3-Chloro-1-propene (Allyl C	2.248	2.922	-30.0	120	-0.02
21	T	Trichlorotrifluoroethane	1.016	1.095	-7.8	103	-0.02
22	T	Carbon Disulfide	5.453	5.536	-1.5	105	-0.02
23	T	trans-1,2-Dichloroethene	2.044	2.321	-13.6	107	-0.01
24	T	1,1-Dichloroethane	2.535	2.829	-11.6	108	-0.01
25	T	Methyl tert-Butyl Ether	3.682	3.429	6.9	83	-0.01
26	T	Vinyl Acetate	0.383	0.376	1.8	84	-0.03
27	T	2-Butanone (MEK)	0.985	1.136	-15.3	102	-0.02
28	T	cis-1,2-Dichloroethene	2.036	2.238	-9.9	105	-0.02
29	T	Diisopropyl Ether	1.390	1.293	7.0	84	-0.01
30	T	Ethyl Acetate	0.568	0.626	-10.2	91	-0.02
31	T	n-Hexane	2.665	2.886	-8.3	95	0.00
32	T	Chloroform	2.515	2.483	1.3	92	-0.02
33	S	1,2-Dichloroethane-d4(SS1)	1.861	1.711	8.1	93	0.00
34	T	Tetrahydrofuran (THF)	0.986	1.076	-9.1	105	-0.01
35	T	Ethyl tert-Butyl Ether	1.657	1.783	-7.6	98	-0.01
36	T	1,2-Dichloroethane	2.018	1.915	5.1	91	-0.01
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	101	-0.01
38	T	1,1,1-Trichloroethane	0.467	0.454	2.8	91	0.00
39	T	Isopropyl Acetate	0.221	0.239	-8.1	93	-0.01
40	T	1-Butanol	0.360	0.407	-13.1	96	-0.03
41	T	Benzene	1.389	1.350	2.8	95	-0.01
42	T	Carbon Tetrachloride	0.416	0.408	1.9	89	0.00
43	T	Cyclohexane	0.502	0.508	-1.2	91	-0.01
44	T	tert-Amyl Methyl Ether	0.897	0.961	-7.1	99	0.00
45	T	1,2-Dichloropropane	0.330	0.362	-9.7	108	-0.01
46	T	Bromodichloromethane	0.428	0.425	0.7	91	0.00
47	T	Trichloroethene	0.331	0.318	3.9	93	-0.01
48	T	1,4-Dioxane	0.261	0.276	-5.7	96	-0.01
49	T	2,2,4-Trimethylpentane (Iso	1.423	1.588	-11.6	109	-0.01
50	T	Methyl Methacrylate	0.127	0.134	-5.5	93	-0.02
51	T	n-Heptane	0.343	0.365	-6.4	101	0.00
52	T	cis-1,3-Dichloropropene	0.505	0.572	-13.3	100	0.00
53	T	4-Methyl-2-pentanone	0.310	0.367	-18.4	106	-0.01
54	T	trans-1,3-Dichloropropene	0.432	0.508	-17.6	100	-0.01
55	T	1,1,2-Trichloroethane	0.295	0.303	-2.7	96	0.00

Evaluate Continuing Calibration Report

Data File : I:\MS13\DATA\2020 01\14\01142002.D Vial: 2
Acq On : 14 Jan 2020 1:55 Operator: WA
Sample : CCV R13011420 25ng Inst : MS13
Misc : S31-10251901/S31-12171901

Quant Time: Jan 14 06:14:34 2020
Quant Method : I:\MS13\METHODS\R13110119.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Sat Nov 02 09:55:49 2019
Response via : Initial Calibration
DataAcq Meth:TO15A.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
56	IR	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	102	0.00
57	S	Toluene-d8 (SS2)	2.460	2.410	2.0	100	0.00
58	T	Toluene	2.668	2.666	0.1	94	0.00
59	T	2-Hexanone	1.534	1.833	-19.5	106	-0.01
60	T	Dibromochloromethane	0.660	0.694	-5.2	91	0.00
61	T	1,2-Dibromoethane	0.652	0.675	-3.5	94	-0.01
62	T	n-Butyl Acetate	1.674	2.076	-24.0	110	0.00
63	T	n-Octane	0.596	0.681	-14.3	105	0.00
64	T	Tetrachloroethene	0.683	0.689	-0.9	94	0.00
65	T	Chlorobenzene	1.713	1.686	1.6	94	0.00
66	T	Ethylbenzene	2.926	2.999	-2.5	91	0.00
67	T	m- & p-Xylenes	2.316	2.332	-0.7	85	-0.01
68	T	Bromoform	0.572	0.575	-0.5	90	0.00
69	T	Styrene	1.686	1.884	-11.7	92	0.00
70	T	o-Xylene	2.384	2.402	-0.8	87	-0.01
71	T	n-Nonane	1.384	1.665	-20.3	106	0.00
72	T	1,1,2,2-Tetrachloroethane	1.131	1.160	-2.6	89	0.00
73	S	Bromofluorobenzene (SS3)	0.526	0.560	-6.5	105	0.00
74	T	Cumene	2.862	2.928	-2.3	89	0.00
75	T	alpha-Pinene	1.501	1.609	-7.2	92	0.00
76	T	n-Propylbenzene	3.433	3.616	-5.3	90	0.00
77	T	3-Ethyltoluene	2.861	2.994	-4.6	90	0.00
78	T	4-Ethyltoluene	2.680	2.840	-6.0	85	0.00
79	T	1,3,5-Trimethylbenzene	2.379	2.499	-5.0	88	0.00
80	T	alpha-Methylstyrene	1.453	1.381	5.0	90	0.00
81	T	2-Ethyltoluene	2.789	2.908	-4.3	87	0.00
82	T	1,2,4-Trimethylbenzene	2.540	2.511	1.1	76	-0.01
83	T	n-Decane	1.355	1.650	-21.8	97	0.00
84	T	Benzyl Chloride	2.289	2.247	1.8	86	0.00
85	T	1,3-Dichlorobenzene	1.337	1.416	-5.9	86	-0.01
86	T	1,4-Dichlorobenzene	1.315	1.433	-9.0	92	0.00
87	T	sec-Butylbenzene	3.152	3.341	-6.0	88	0.00
88	T	4-Isopropyltoluene (p-Cymen	2.930	2.980	-1.7	77	-0.01
89	T	1,2,3-Trimethylbenzene	2.555	2.549	0.2	76	-0.02
90	T	1,2-Dichlorobenzene	1.367	1.362	0.4	82	0.00
91	T	d-Limonene	1.035	1.153	-11.4	88	-0.01
92	T	1,2-Dibromo-3-Chloropropane	0.471	0.495	-5.1	95	0.00
93	T	n-Undecane	1.465	1.744	-19.0	104	0.00
94	T	1,2,4-Trichlorobenzene	0.908	0.992	-9.3	103	0.00
95	T	Naphthalene	3.057	3.278	-7.2	87	-0.01
96	T	n-Dodecane	1.552	1.834	-18.2	105	0.00
97	T	Hexachlorobutadiene	0.521	0.642	-23.2	100	0.00
98	T	Cyclohexanone	0.967	1.192	-23.3	106	-0.01
99	T	tert-Butylbenzene	2.316	2.370	-2.3	77	0.00
100	T	n-Butylbenzene	2.673	2.763	-3.4	89	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data File : I:\MS13\DATA\2020 01\14\01142019.D Vial: 5
Acq On : 14 Jan 2020 12:07 Operator: WA
Sample : P2000003-001 (400mL) Inst : MS13
Misc : S31-10251901

Quant Time: Jan 15 10:46:33 2020
Quant Method : I:\MS13\METHODS\R13110119.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Sat Nov 02 09:55:49 2019
Response via : Initial Calibration
DataAcq Meth:TO15A.M

WA 1/15/20

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane (IS1)	11.22	130	114162	12.500	ng		-0.03
37) 1,4-Difluorobenzene (IS2)	13.35	114	537390	12.500	ng		-0.02
56) Chlorobenzene-d5 (IS3)	17.67	82	274132	12.500	ng		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4(...	12.08	65	204302	12.017	ng		-0.02
Spiked Amount 12.500	Range 70 - 130		Recovery = 96.16%				
57) Toluene-d8 (SS2)	15.80	98	642467	11.908	ng		-0.01
Spiked Amount 12.500	Range 70 - 130		Recovery = 95.28%				
73) Bromofluorobenzene (SS3)	19.05	174	151484	13.129	ng		0.00
Spiked Amount 12.500	Range 70 - 130		Recovery = 105.04%				
Target Compounds							Qvalue
2) Propene	4.16	42	111485m	6.866	ng		
3) Dichlorodifluoromethan...	4.33	85	19417	0.741	ng		99
4) Chloromethane	0.00	50	0	N.D.	d		
5) 1,2-Dichloro-1,1,2,2-t...	4.87	135	243	N.D.			
6) Vinyl Chloride	0.00	62	0	N.D.			
7) 1,3-Butadiene	5.30	54	5115	0.356	ng		91
8) Bromomethane	0.00	94	0	N.D.			
9) Chloroethane	6.06	64	105	N.D.			
10) Ethanol	6.44	45	1192740	110.795	ng		100
11) Acetonitrile	6.68	41	10922	0.426	ng		83
12) Acrolein	6.89	56	2541	0.310	ng		97
13) Acetone	7.08	58	156686	14.032	ng		100
14) Trichlorofluoromethane	7.33	101	111566	5.026	ng		98
15) 2-Propanol (Isopropanol)	7.65	45	15852	0.456	ng		74
16) Acrylonitrile	7.92	53	539	N.D.			
17) 1,1-Dichloroethene	0.00	96	0	N.D.			
18) 2-Methyl-2-Propanol (t...	0.00	59	0	N.D.	d		
19) Methylene Chloride	8.50	84	2470	0.192	ng	#	79
20) 3-Chloro-1-propene (Al...	0.00	41	0	N.D.	d		
21) Trichlorotrifluoroethane	8.93	151	1312	0.141	ng		92
22) Carbon Disulfide	8.77	76	70943	1.425	ng		99
23) trans-1,2-Dichloroethene	0.00	61	0	N.D.			
24) 1,1-Dichloroethane	10.04	63	122	N.D.			
25) Methyl tert-Butyl Ether	10.18	73	13238	0.394	ng		97
26) Vinyl Acetate	10.26	86	4843	1.384	ng	#	82
27) 2-Butanone (MEK)	10.56	72	22015	2.447	ng	#	82
28) cis-1,2-Dichloroethene	11.05	61	2170	0.117	ng		97
29) Diisopropyl Ether	11.40	87	119	N.D.			
30) Ethyl Acetate	11.39	61	2082	0.401	ng		93
31) n-Hexane	11.34	57	12476	0.513	ng	#	86
32) Chloroform	11.39	83	3180	0.138	ng		99
34) Tetrahydrofuran (THF)	0.00	72	0	N.D.	d		
35) Ethyl tert-Butyl Ether	0.00	87	0	N.D.	d		
36) 1,2-Dichloroethane	0.00	62	0	N.D.			
38) 1,1,1-Trichloroethane	0.00	97	0	N.D.			
39) Isopropyl Acetate	12.94	61	177	N.D.			
40) 1-Butanol	0.00	56	0	N.D.	d		
41) Benzene	12.96	78	21419	0.359	ng		100
42) Carbon Tetrachloride	0.00	117	0	N.D.			
43) Cyclohexane	13.24	84	498	N.D.			
44) tert-Amyl Methyl Ether	13.63	73	1407	N.D.			
45) 1,2-Dichloropropane	0.00	63	0	N.D.			
46) Bromodichloromethane	14.01	83	176	N.D.			
47) Trichloroethene	14.05	130	25523	1.794	ng		98
48) 1,4-Dioxane	0.00	88	0	N.D.			
49) 2,2,4-Trimethylpentane...	0.00	57	0	N.D.	d		
50) Methyl Methacrylate	14.28	100	1540	0.283	ng	#	56

Quantitation Report (QT Reviewed)

Data File : I:\MS13\DATA\2020 01\14\01142019.D Vial: 5
Acq On : 14 Jan 2020 12:07 Operator: WA
Sample : P2000003-001 (400mL) Inst : MS13
Misc : S31-10251901

Quant Time: Jan 15 10:46:33 2020
Quant Method : I:\MS13\METHODS\R13110119.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Sat Nov 02 09:55:49 2019
Response via : Initial Calibration
DataAcq Meth:TO15A.M

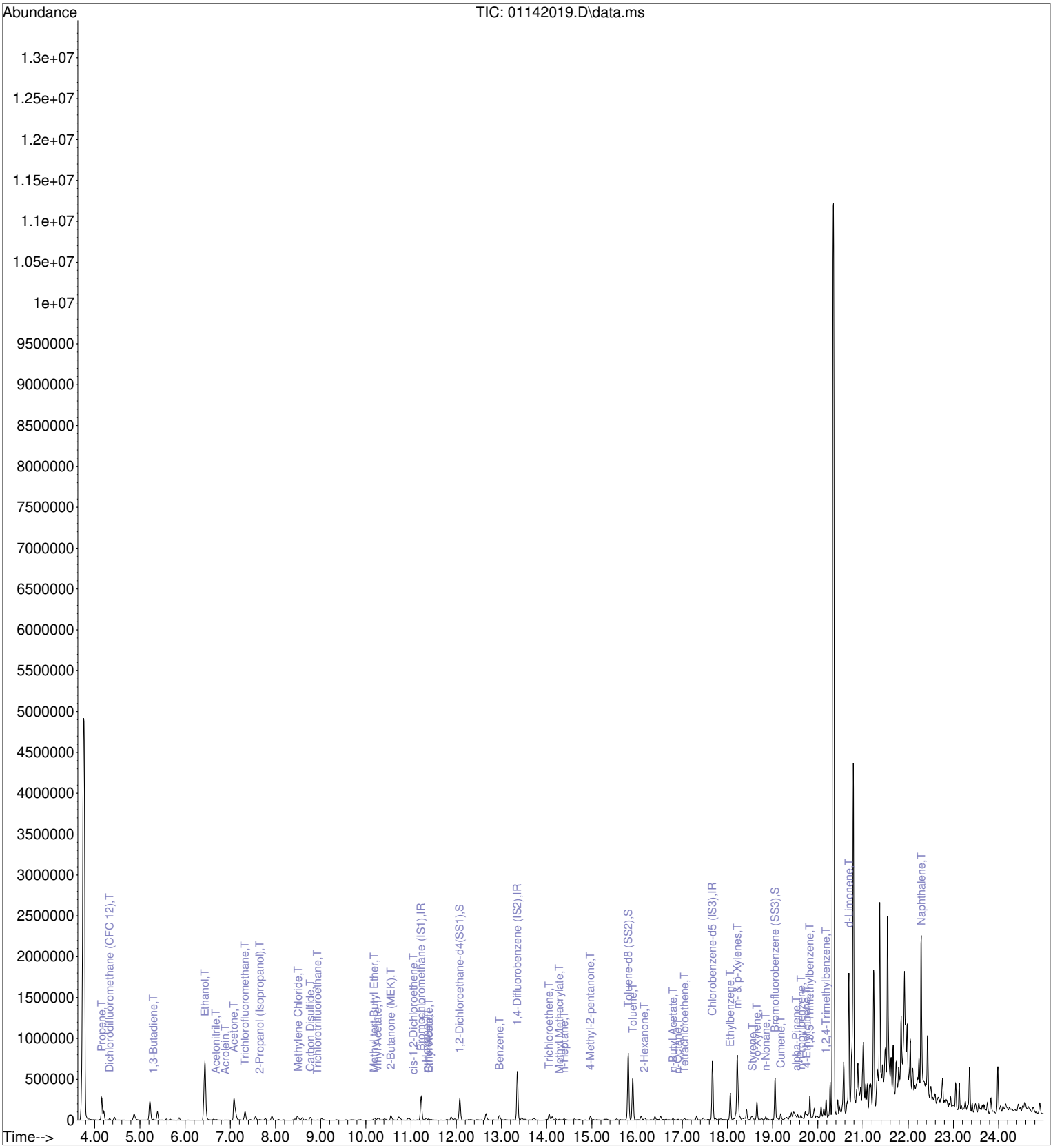
Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
51) n-Heptane	14.39	71	4438	0.301 ng		90
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
53) 4-Methyl-2-pentanone	14.97	58	16303	1.225 ng		85
54) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
55) 1,1,2-Trichloroethane	0.00	97	0	N.D.		
58) Toluene	15.91	91	433000	7.400 ng		100
59) 2-Hexanone	16.16	43	23656	0.703 ng		87
60) Dibromochloromethane	0.00	129	0	N.D.		
61) 1,2-Dibromoethane	0.00	107	0	N.D.		
62) n-Butyl Acetate	16.79	43	19877	0.541 ng		97
63) n-Octane	16.90	57	2543	0.194 ng	#	67
64) Tetrachloroethene	17.05	166	6535	0.437 ng		97
65) Chlorobenzene	17.75	112	827	N.D.		
66) Ethylbenzene	18.06	91	256928	4.004 ng		97
67) m- & p-Xylenes	18.22	91	594757	11.712 ng		99
68) Bromoform	0.00	173	0	N.D.		
69) Styrene	18.55	104	17915	0.484 ng		99
70) o-Xylene	18.65	91	127614	2.441 ng		98
71) n-Nonane	18.85	43	15718	0.518 ng		97
72) 1,1,2,2-Tetrachloroethane	18.67	83	686	N.D.		
74) Cumene	19.18	105	39156	0.624 ng		97
75) alpha-Pinene	19.53	93	7434	0.226 ng	#	42
76) n-Propylbenzene	19.63	91	38164	0.507 ng		96
77) 3-Ethyltoluene	0.00	105	0	N.D. d		
78) 4-Ethyltoluene	19.75	105	14946	0.254 ng		90
79) 1,3,5-Trimethylbenzene	19.82	105	18195	0.349 ng		90
80) alpha-Methylstyrene	19.95	118	1544	N.D.		
81) 2-Ethyltoluene	0.00	105	0	N.D. d		
82) 1,2,4-Trimethylbenzene	20.18	105	71662	1.286 ng		88
83) n-Decane	0.00	57	0	N.D. d		
84) Benzyl Chloride	0.00	91	0	N.D. d		
85) 1,3-Dichlorobenzene	20.39	146	248	N.D.		
86) 1,4-Dichlorobenzene	20.39	146	248	N.D.		
87) sec-Butylbenzene	0.00	105	0	N.D. d		
88) 4-Isopropyltoluene (p-...	0.00	119	0	N.D. d		
89) 1,2,3-Trimethylbenzene	0.00	105	0	N.D. d		
90) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
91) d-Limonene	20.69	68	435172	19.173 ng		93
92) 1,2-Dibromo-3-Chloropr...	0.00	157	0	N.D.		
93) n-Undecane	0.00	57	0	N.D. d		
94) 1,2,4-Trichlorobenzene	22.20	180	969	N.D.		
95) Naphthalene	22.29	128	55311	0.825 ng	#	43
96) n-Dodecane	0.00	57	0	N.D. d		
97) Hexachlorobutadiene	0.00	225	0	N.D.		
98) Cyclohexanone	0.00	55	0	N.D. d		
99) tert-Butylbenzene	0.00	119	0	N.D. d		
100) n-Butylbenzene	0.00	91	0	N.D. d		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : I:\MS13\DATA\2020 01\14\01142019.D Vial: 5
Acq On : 14 Jan 2020 12:07 Operator: WA
Sample : P2000003-001 (400mL) Inst : MS13
Misc : S31-10251901

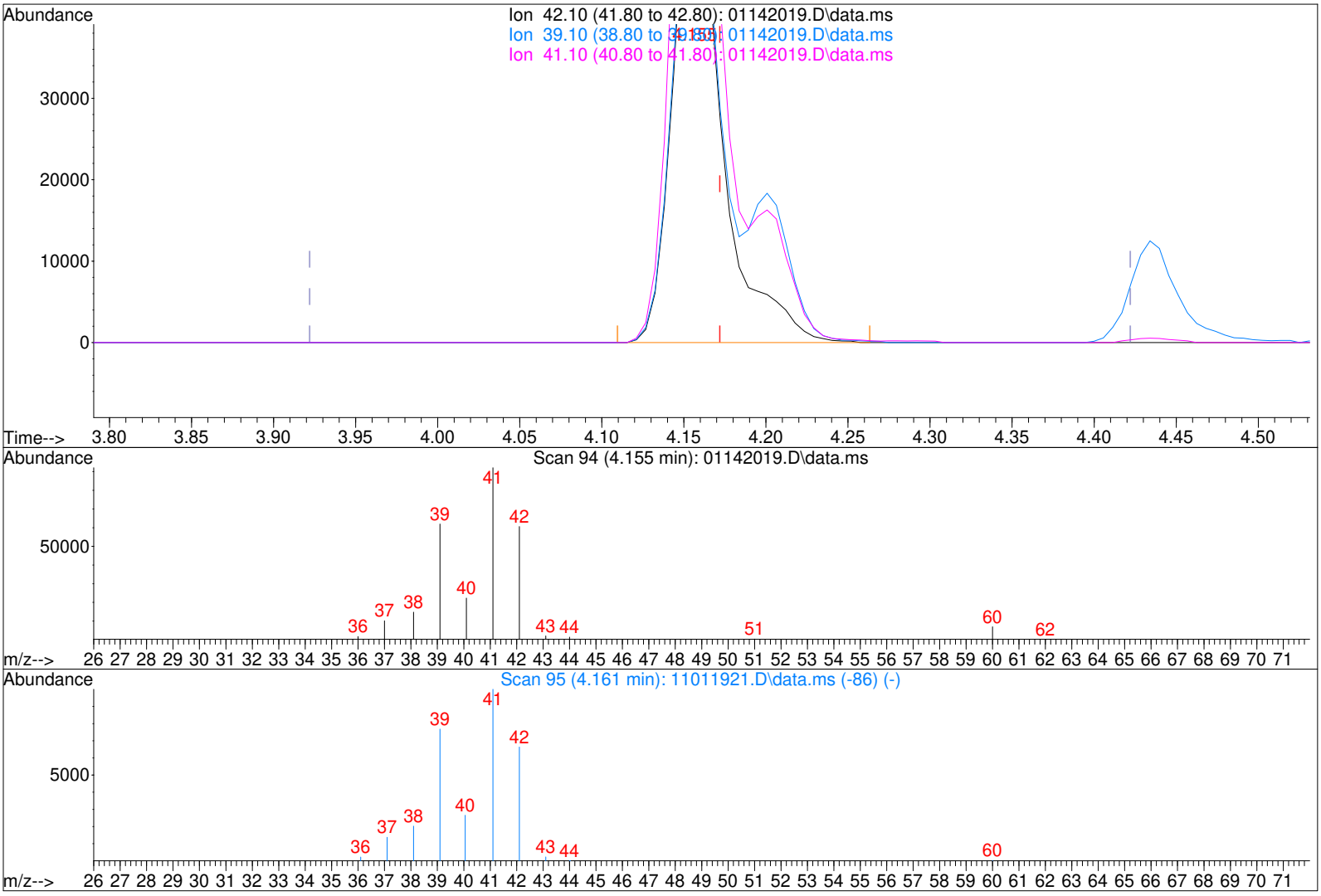
Quant Time: Jan 15 10:46:33 2020
Quant Method : I:\MS13\METHODS\R13110119.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Sat Nov 02 09:55:49 2019
Response via : Initial Calibration
DataAcq Meth:TO15A.M



Quantitation Report (Qedit)

Data File : I:\MS13\DATA\2020 01\14\01142019.D Vial: 5
Acq On : 14 Jan 2020 12:07 Operator: WA
Sample : P2000003-001 (400mL) Inst : MS13
Misc : S31-10251901

Quant Time: Jan 14 13:03:08 2020
Quant Method : I:\MS13\METHODS\R13110119.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Sat Nov 02 09:55:49 2019
Response via : Initial Calibration
DataAcq Meth:TO15A.M



TIC: 01142019.D\data.ms

(2) Propene (T)

4.155min (-0.017) 7.44ng

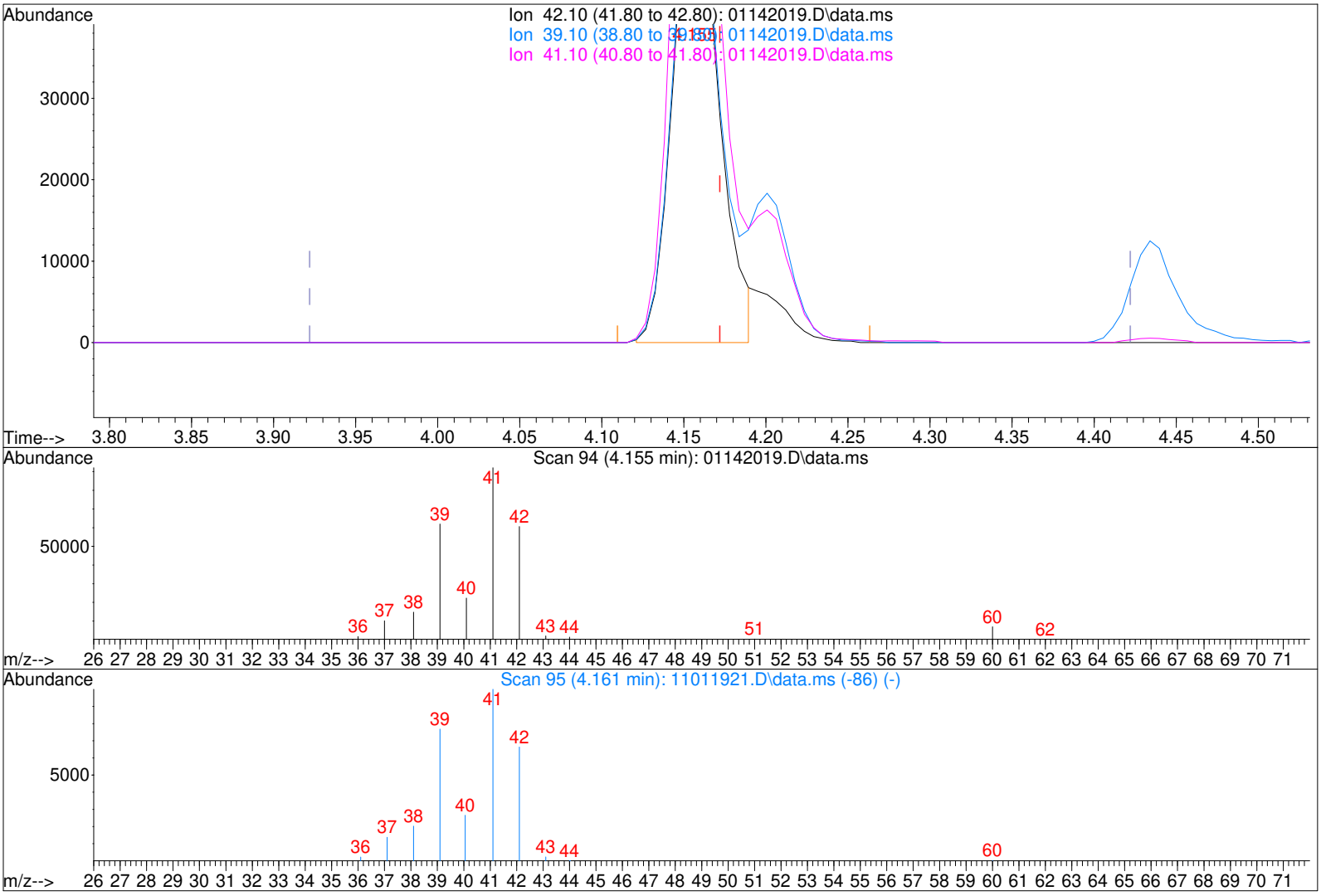
response 120798

Ion	Exp%	Act%
42.10	100	100
39.10	114.80	99.16
41.10	150.90	163.20
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : I:\MS13\DATA\2020 01\14\01142019.D Vial: 5
Acq On : 14 Jan 2020 12:07 Operator: WA
Sample : P2000003-001 (400mL) Inst : MS13
Misc : S31-10251901

Quant Time: Jan 14 13:03:08 2020
Quant Method : I:\MS13\METHODS\R13110119.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Sat Nov 02 09:55:49 2019
Response via : Initial Calibration
DataAcq Meth:TO15A.M



TIC: 01142019.D\data.ms

(2) Propene (T)

4.155min (-0.017) 6.87ng m

response 111485

Ion	Exp%	Act%
42.10	100	100
39.10	114.80	107.44
41.10	150.90	176.83#
0.00	0.00	0.00

IPC

1/15/20

TD 1/15/20

Quantitation Report (QT Reviewed)

Data File : I:\MS13\DATA\2020 01\14\01142020.D Vial: 6
Acq On : 14 Jan 2020 12:41 Operator: WA
Sample : P2000003-002 (400mL) Inst : MS13
Misc : S31-10251901

Quant Time: Jan 15 10:52:48 2020
Quant Method : I:\MS13\METHODS\R13110119.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Sat Nov 02 09:55:49 2019
Response via : Initial Calibration
DataAcq Meth:TO15A.M

1/15/20

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane (IS1)	11.25	130	123165	12.500	ng		0.00
37) 1,4-Difluorobenzene (IS2)	13.36	114	581880	12.500	ng		0.00
56) Chlorobenzene-d5 (IS3)	17.67	82	292533	12.500	ng		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4(...	12.09	65	206152	11.240	ng		0.00
Spiked Amount 12.500	Range 70 - 130		Recovery = 89.92%				
57) Toluene-d8 (SS2)	15.81	98	699896	12.157	ng		0.00
Spiked Amount 12.500	Range 70 - 130		Recovery = 97.28%				
73) Bromofluorobenzene (SS3)	19.05	174	173247	14.071	ng		0.00
Spiked Amount 12.500	Range 70 - 130		Recovery = 112.56%				
Target Compounds							Qvalue
2) Propene	4.17	42	166621	9.511	ng		96
3) Dichlorodifluoromethan...	4.33	85	16719	0.592	ng		99
4) Chloromethane	4.61	50	1689	0.081	ng		95
5) 1,2-Dichloro-1,1,2,2-t...	4.87	135	171	N.D.			
6) Vinyl Chloride	0.00	62	0	N.D.			
7) 1,3-Butadiene	5.30	54	5976	0.385	ng	#	85
8) Bromomethane	5.74	94	360	N.D.			
9) Chloroethane	0.00	64	0	N.D.	d		
10) Ethanol	6.47	45	1243974	107.108	ng		100
11) Acetonitrile	6.75	41	2700246	97.633	ng		99
12) Acrolein	6.93	56	48729	5.519	ng		96
13) Acetone	7.15	58	6202902	514.897	ng	#	64
14) Trichlorofluoromethane	7.34	101	17933	0.749	ng		98
15) 2-Propanol (Isopropanol)	7.61	45	1551509	41.385	ng		93
16) Acrylonitrile	7.88	53	41727	2.234	ng		98
17) 1,1-Dichloroethene	0.00	96	0	N.D.			
18) 2-Methyl-2-Propanol (t...	0.00	59	0	N.D.	d		
19) Methylene Chloride	8.54	84	19437	1.402	ng		86
20) 3-Chloro-1-propene (Al...	8.68	41	882	N.D.			
21) Trichlorotrifluoroethane	8.95	151	1137	0.114	ng		97
22) Carbon Disulfide	8.79	76	4904733	91.286	ng		100
23) trans-1,2-Dichloroethene	0.00	61	0	N.D.	d		
24) 1,1-Dichloroethane	10.18	63	312	N.D.			
25) Methyl tert-Butyl Ether	0.00	73	0	N.D.	d		
26) Vinyl Acetate	10.28	86	425201	112.606	ng	#	11
27) 2-Butanone (MEK)	10.56	72	597027	61.511	ng		95
28) cis-1,2-Dichloroethene	0.00	61	0	N.D.	d		
29) Diisopropyl Ether	0.00	87	0	N.D.	d		
30) Ethyl Acetate	0.00	61	0	N.D.	d		
31) n-Hexane	11.34	57	6141	0.234	ng		97
32) Chloroform	11.41	83	12660m	0.511	ng		
34) Tetrahydrofuran (THF)	0.00	72	0	N.D.	d		
35) Ethyl tert-Butyl Ether	0.00	87	0	N.D.	d		
36) 1,2-Dichloroethane	12.19	62	493	N.D.			
38) 1,1,1-Trichloroethane	0.00	97	0	N.D.			
39) Isopropyl Acetate	0.00	61	0	N.D.	d		
40) 1-Butanol	12.90	56	131	N.D.			
41) Benzene	12.96	78	39127	0.605	ng		99
42) Carbon Tetrachloride	13.12	117	224	N.D.			
43) Cyclohexane	0.00	84	0	N.D.	d		
44) tert-Amyl Methyl Ether	0.00	73	0	N.D.	d		
45) 1,2-Dichloropropane	13.92	63	293	N.D.			
46) Bromodichloromethane	0.00	83	0	N.D.	d		
47) Trichloroethene	14.06	130	704	N.D.			
48) 1,4-Dioxane	14.07	88	282583	23.290	ng		86
49) 2,2,4-Trimethylpentane...	0.00	57	0	N.D.	d		
50) Methyl Methacrylate	14.27	100	9408	1.595	ng		91

Quantitation Report (QT Reviewed)

Data File : I:\MS13\DATA\2020 01\14\01142020.D Vial: 6
Acq On : 14 Jan 2020 12:41 Operator: WA
Sample : P2000003-002 (400mL) Inst : MS13
Misc : S31-10251901

Quant Time: Jan 15 10:52:48 2020
Quant Method : I:\MS13\METHODS\R13110119.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Sat Nov 02 09:55:49 2019
Response via : Initial Calibration
DataAcq Meth:TO15A.M

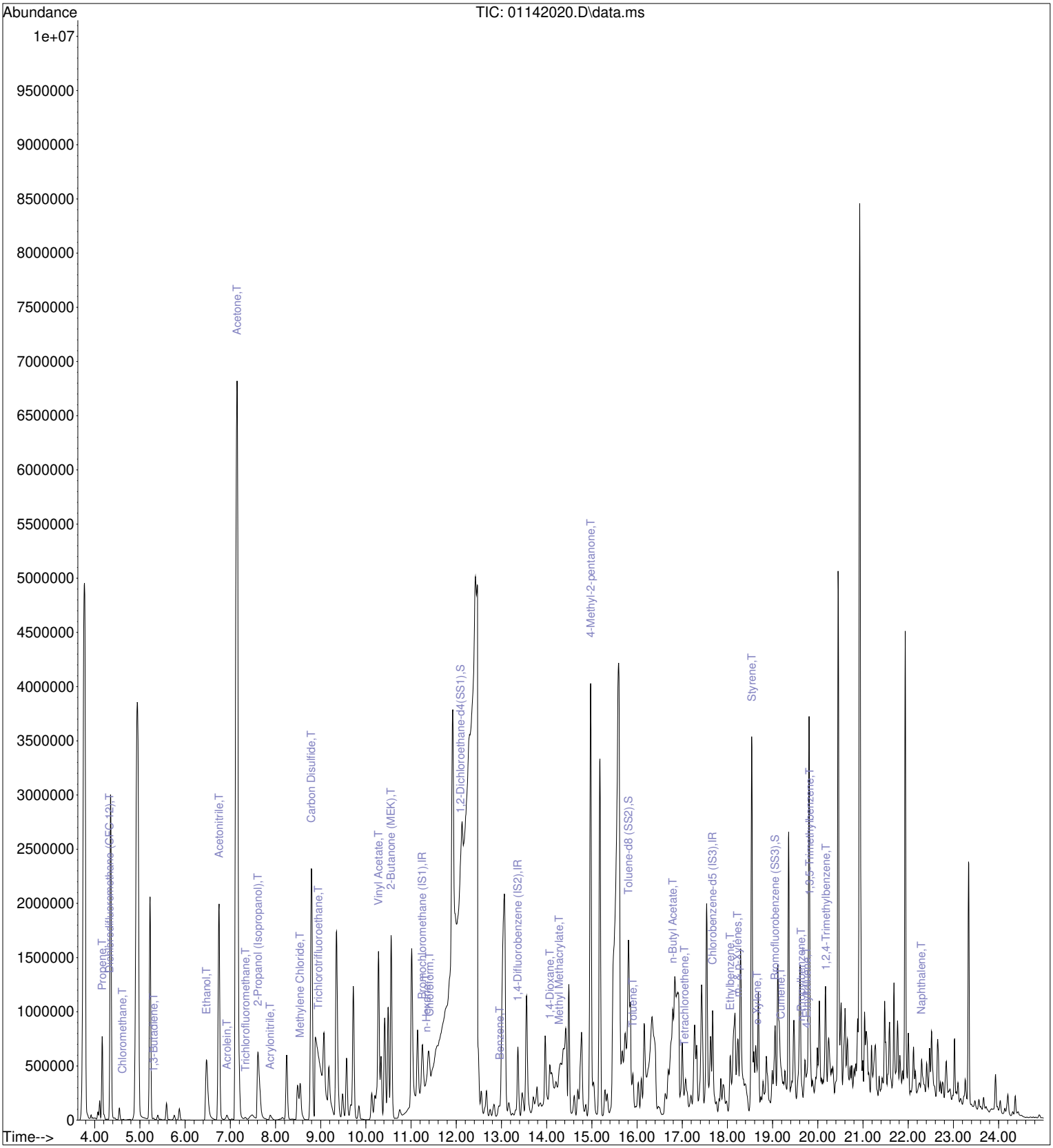
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) n-Heptane	0.00	71	0	N.D.	d		
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.	d		
53) 4-Methyl-2-pentanone	14.97	58	1112535	77.200	ng		88
54) trans-1,3-Dichloropropene	15.37	75	333	N.D.			
55) 1,1,2-Trichloroethane	0.00	97	0	N.D.	d		
58) Toluene	15.91	91	253991	4.068	ng		100
59) 2-Hexanone	0.00	43	0	N.D.	d		
60) Dibromochloromethane	16.32	129	680	N.D.			
61) 1,2-Dibromoethane	0.00	107	0	N.D.			
62) n-Butyl Acetate	16.79	43	517088m	13.197	ng		
63) n-Octane	0.00	57	0	N.D.	d		
64) Tetrachloroethene	17.05	166	6717	0.421	ng		96
65) Chlorobenzene	17.68	112	914	N.D.			
66) Ethylbenzene	18.06	91	48948	0.715	ng	#	35
67) m- & p-Xylenes	18.22	91	238279	4.397	ng		99
68) Bromoform	0.00	173	0	N.D.			
69) Styrene	18.54	104	13084	0.332	ng	#	1
70) o-Xylene	18.66	91	88102	1.579	ng		90
71) n-Nonane	0.00	43	0	N.D.	d		
72) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	d		
74) Cumene	19.18	105	6568	0.098	ng	#	1
75) alpha-Pinene	19.52	93	896	N.D.			
76) n-Propylbenzene	19.63	91	19510	0.243	ng	#	66
77) 3-Ethyltoluene	0.00	105	0	N.D.	d		
78) 4-Ethyltoluene	19.75	105	18961	0.302	ng		96
79) 1,3,5-Trimethylbenzene	19.82	105	43258	0.777	ng		86
80) alpha-Methylstyrene	19.94	118	1273	N.D.			
81) 2-Ethyltoluene	0.00	105	0	N.D.	d		
82) 1,2,4-Trimethylbenzene	20.18	105	171892	2.891	ng		78
83) n-Decane	0.00	57	0	N.D.	d		
84) Benzyl Chloride	0.00	91	0	N.D.	d		
85) 1,3-Dichlorobenzene	20.32	146	616	N.D.			
86) 1,4-Dichlorobenzene	20.37	146	223	N.D.			
87) sec-Butylbenzene	20.43	105	3561	N.D.			
88) 4-Isopropyltoluene (p-...	0.00	119	0	N.D.	d		
89) 1,2,3-Trimethylbenzene	0.00	105	0	N.D.	d		
90) 1,2-Dichlorobenzene	0.00	146	0	N.D.	d		
91) d-Limonene	0.00	68	0	N.D.	d		
92) 1,2-Dibromo-3-Chloropr...	21.12	157	222	N.D.			
93) n-Undecane	0.00	57	0	N.D.	d		
94) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	d		
95) Naphthalene	22.29	128	54143	0.757	ng		88
96) n-Dodecane	0.00	57	0	N.D.	d		
97) Hexachlorobutadiene	0.00	225	0	N.D.			
98) Cyclohexanone	0.00	55	0	N.D.	d		
99) tert-Butylbenzene	0.00	119	0	N.D.	d		
100) n-Butylbenzene	0.00	91	0	N.D.	d		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : I:\MS13\DATA\2020 01\14\01142020.D Vial: 6
Acq On : 14 Jan 2020 12:41 Operator: WA
Sample : P2000003-002 (400mL) Inst : MS13
Misc : S31-10251901

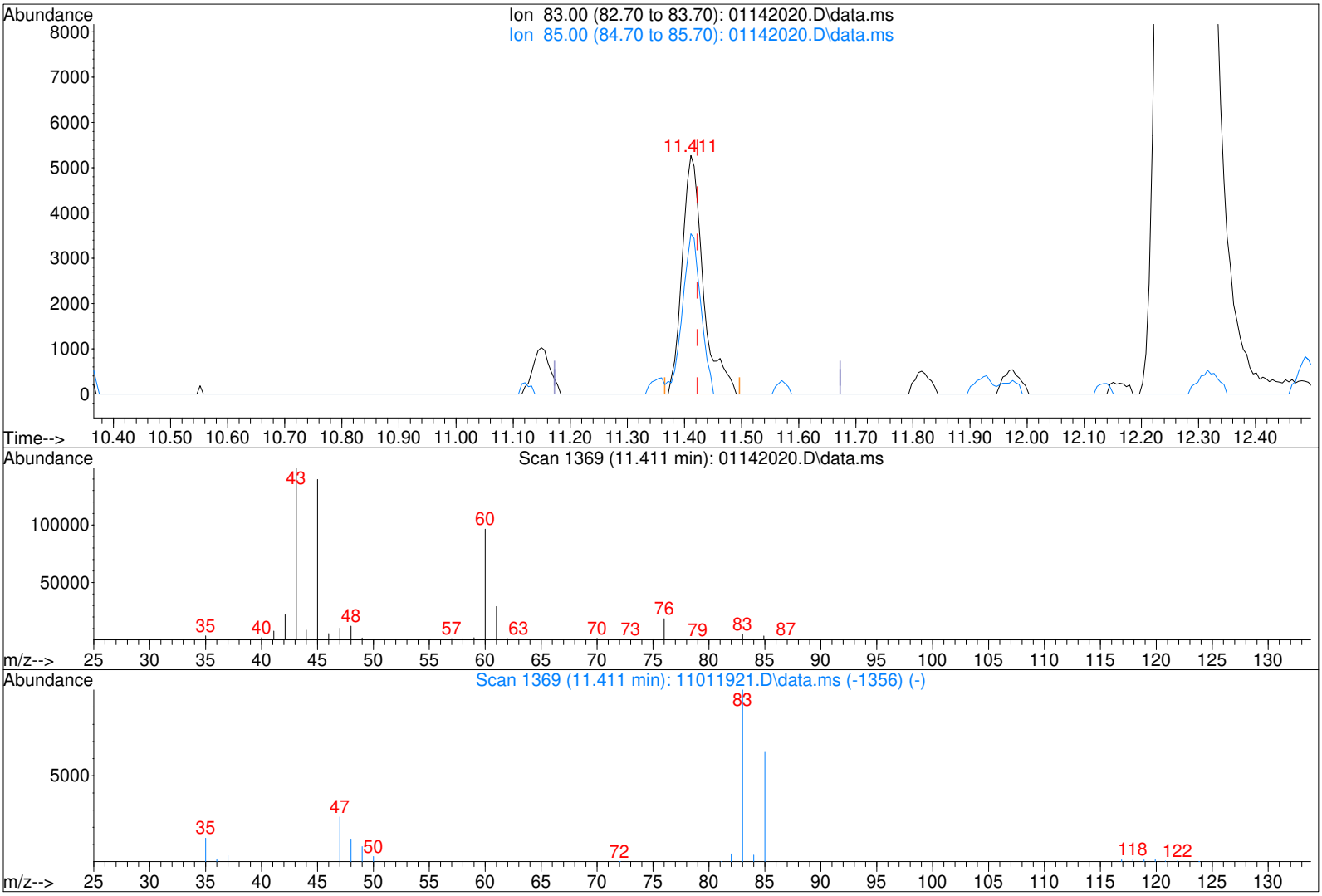
Quant Time: Jan 15 10:52:48 2020
Quant Method : I:\MS13\METHODS\R13110119.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Sat Nov 02 09:55:49 2019
Response via : Initial Calibration
DataAcq Meth:TO15A.M



Quantitation Report (Qedit)

Data File : I:\MS13\DATA\2020 01\14\01142020.D Vial: 6
Acq On : 14 Jan 2020 12:41 Operator: WA
Sample : P2000003-002 (400mL) Inst : MS13
Misc : S31-10251901

Quant Time: Jan 14 13:03:31 2020
Quant Method : I:\MS13\METHODS\R13110119.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Sat Nov 02 09:55:49 2019
Response via : Initial Calibration
DataAcq Meth:TO15A.M



TIC: 01142020.D\data.ms

(32) Chloroform (T)

11.411min (-0.012) 0.54ng

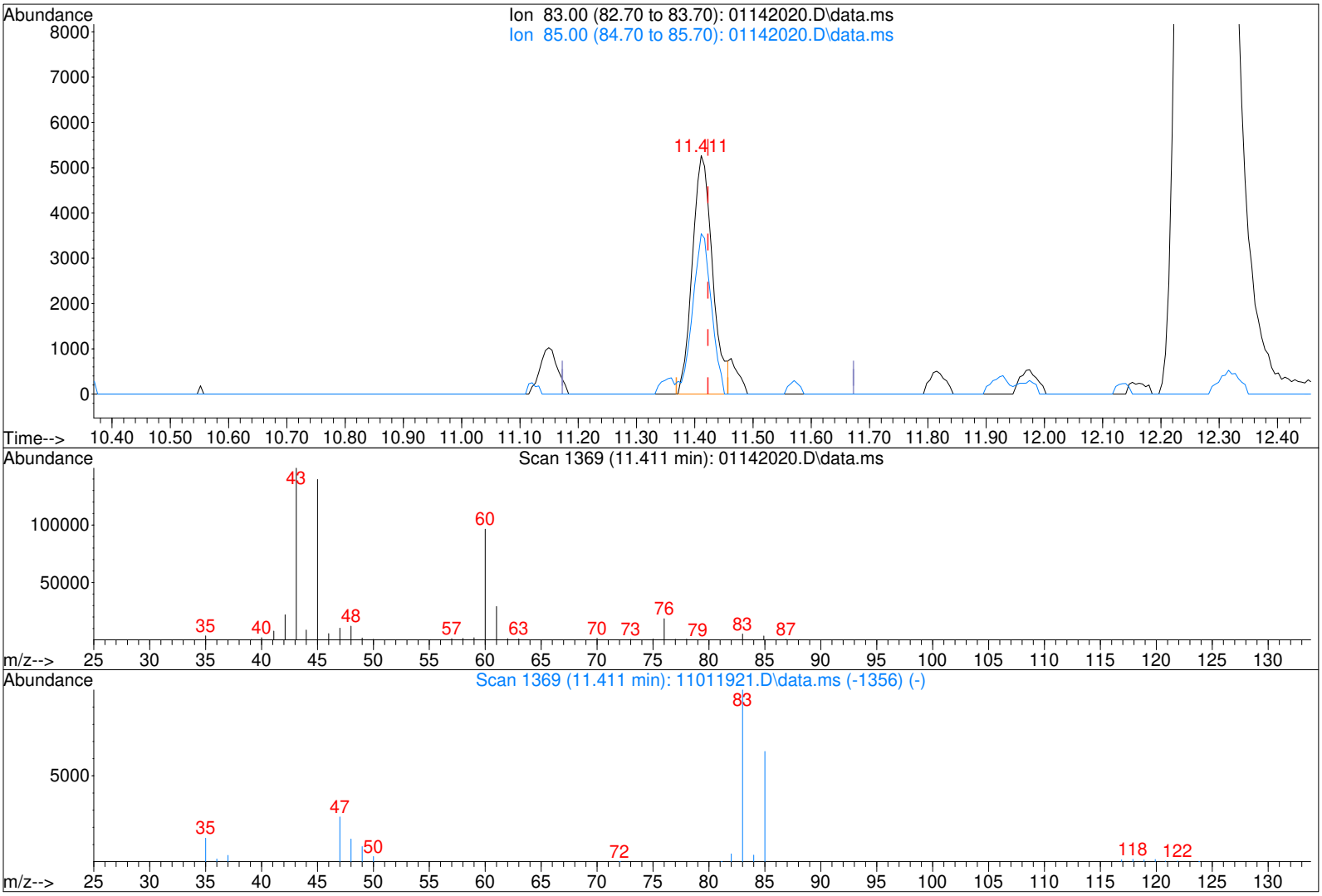
response 13488

Ion	Exp%	Act%
83.00	100	100
85.00	65.30	58.76
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : I:\MS13\DATA\2020 01\14\01142020.D Vial: 6
Acq On : 14 Jan 2020 12:41 Operator: WA
Sample : P2000003-002 (400mL) Inst : MS13
Misc : S31-10251901

Quant Time: Jan 14 13:03:31 2020
Quant Method : I:\MS13\METHODS\R13110119.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Sat Nov 02 09:55:49 2019
Response via : Initial Calibration
DataAcq Meth:TO15A.M



TIC: 01142020.D\data.ms

(32) Chloroform (T)

11.411min (-0.012) 0.51ng m

response 12660

Ion	Exp%	Act%
83.00	100	100
85.00	65.30	62.61
0.00	0.00	0.00
0.00	0.00	0.00

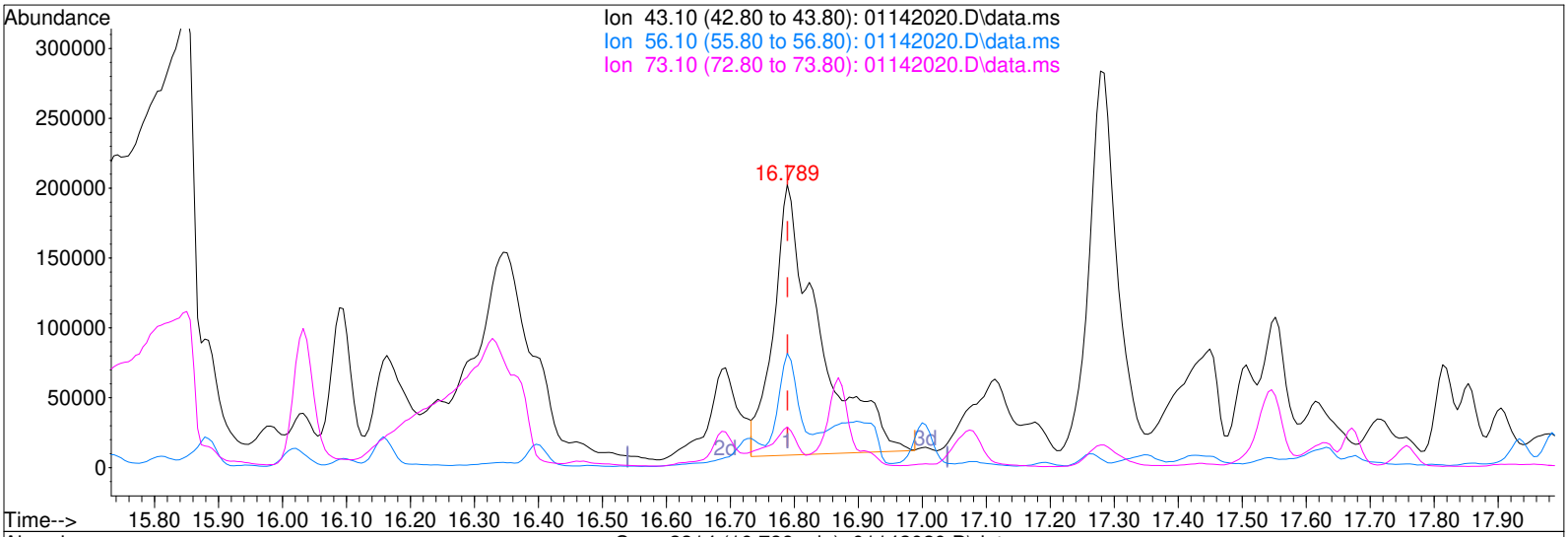
IPC

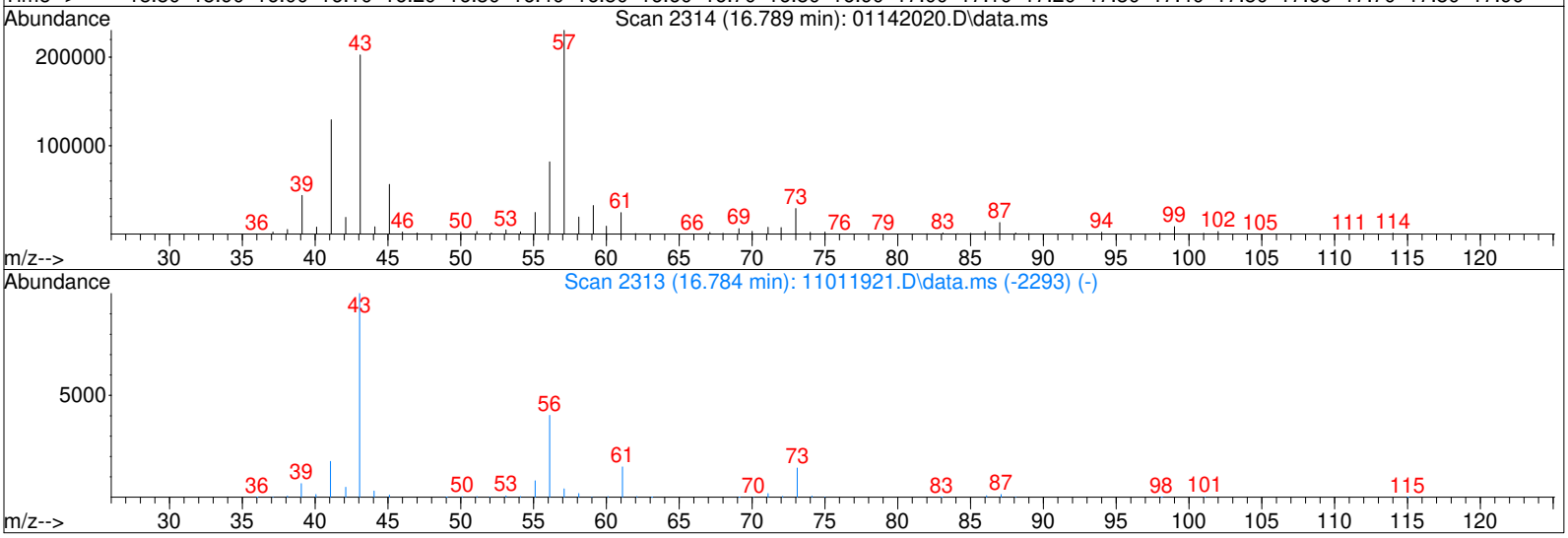
WA 1/15/20 TD 1/15/20

Quantitation Report (Qedit)

Data File : I:\MS13\DATA\2020 01\14\01142020.D Vial: 6
Acq On : 14 Jan 2020 12:41 Operator: WA
Sample : P2000003-002 (400mL) Inst : MS13
Misc : S31-10251901

Quant Time: Jan 14 13:03:31 2020
Quant Method : I:\MS13\METHODS\R13110119.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Sat Nov 02 09:55:49 2019
Response via : Initial Calibration
DataAcq Meth:TO15A.M





TIC: 01142020.D\data.ms

(62) n-Butyl Acetate (T)

16.789min (-0.000) 24.41ng

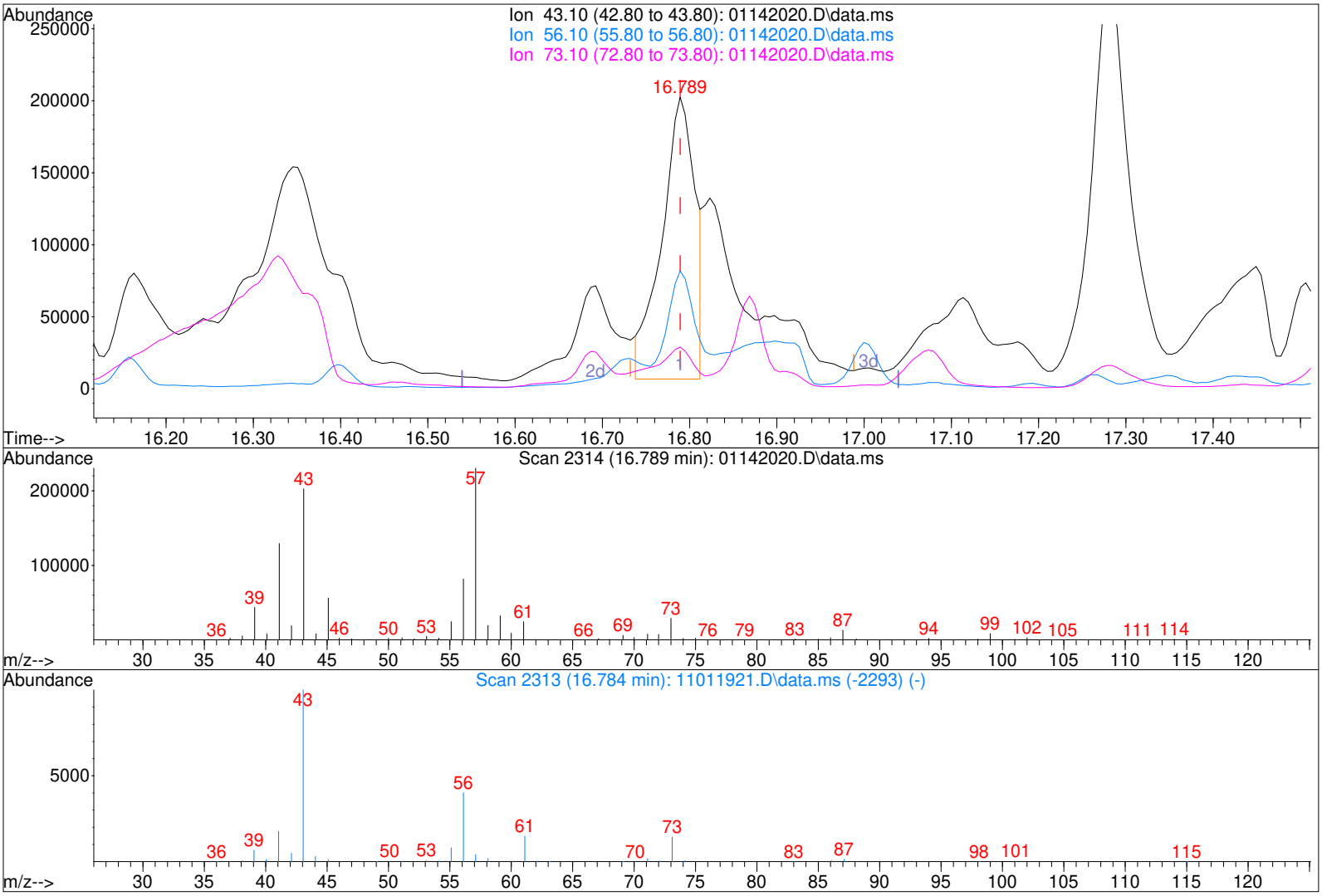
response 956258

Ion	Exp%	Act%
43.10	100	100
56.10	40.20	15.02#
73.10	14.40	9.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : I:\MS13\DATA\2020 01\14\01142020.D Vial: 6
Acq On : 14 Jan 2020 12:41 Operator: WA
Sample : P2000003-002 (400mL) Inst : MS13
Misc : S31-10251901

Quant Time: Jan 14 13:03:31 2020
Quant Method : I:\MS13\METHODS\R13110119.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Sat Nov 02 09:55:49 2019
Response via : Initial Calibration
DataAcq Meth:TO15A.M



TIC: 01142020.D\data.ms

(62) n-Butyl Acetate (T)

16.789min (-0.000) 13.20ng m

response 517088

Ion	Exp%	Act%
43.10	100	100
56.10	40.20	27.78
73.10	14.40	17.24
0.00	0.00	0.00

IPC

1/15/20

TD 1/15/20

Quantitation Report (QT Reviewed)

Data File : I:\MS13\DATA\2020 01\14\01142021.D Vial: 7
Acq On : 14 Jan 2020 13:14 Operator: WA
Sample : P2000003-003 (400mL) pf2 Inst : MS13
Misc : S31-10251901

Quant Time: Jan 15 10:56:46 2020
Quant Method : I:\MS13\METHODS\R13110119.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Sat Nov 02 09:55:49 2019
Response via : Initial Calibration
DataAcq Meth:TO15A.M

WA 1/15/20

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane (IS1)	11.22	130	124857	12.500	ng		-0.03
37) 1,4-Difluorobenzene (IS2)	13.35	114	582037	12.500	ng		-0.02
56) Chlorobenzene-d5 (IS3)	17.67	82	292800	12.500	ng		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4(...	12.08	65	215988	11.616	ng		-0.02
Spiked Amount 12.500	Range 70 - 130		Recovery = 92.96%				
57) Toluene-d8 (SS2)	15.80	98	690851	11.989	ng		-0.01
Spiked Amount 12.500	Range 70 - 130		Recovery = 95.92%				
73) Bromofluorobenzene (SS3)	19.05	174	166896	13.543	ng		0.00
Spiked Amount 12.500	Range 70 - 130		Recovery = 108.32%				
Target Compounds							Qvalue
2) Propene	4.19	42	7318m	0.412	ng		
3) Dichlorodifluoromethan...	4.34	85	13050	0.456	ng		99
4) Chloromethane	4.62	50	4581	0.216	ng		94
5) 1,2-Dichloro-1,1,2,2-t...	0.00	135	0	N.D.			
6) Vinyl Chloride	0.00	62	0	N.D.			
7) 1,3-Butadiene	5.30	54	478	N.D.			
8) Bromomethane	0.00	94	0	N.D.			
9) Chloroethane	0.00	64	0	N.D.			
10) Ethanol	6.42	45	257072	21.834	ng		98
11) Acetonitrile	6.69	41	16510m	0.589	ng		
12) Acrolein	6.88	56	8661	0.968	ng		100
13) Acetone	7.08	58	192826	15.789	ng		88
14) Trichlorofluoromethane	7.33	101	5684	0.234	ng		99
15) 2-Propanol (Isopropanol)	7.62	45	38797	1.021	ng		95
16) Acrylonitrile	7.86	53	535	N.D.			
17) 1,1-Dichloroethene	0.00	96	0	N.D.			
18) 2-Methyl-2-Propanol (t...	0.00	59	0	N.D. d			
19) Methylene Chloride	8.50	84	4587	0.326	ng		91
20) 3-Chloro-1-propene (Al...	8.67	41	125	N.D.			
21) Trichlorotrifluoroethane	8.94	151	964	0.095	ng		99
22) Carbon Disulfide	8.78	76	343470	6.306	ng		99
23) trans-1,2-Dichloroethene	0.00	61	0	N.D.			
24) 1,1-Dichloroethane	0.00	63	0	N.D.			
25) Methyl tert-Butyl Ether	0.00	73	0	N.D. d			
26) Vinyl Acetate	10.26	86	19891	5.196	ng	#	29
27) 2-Butanone (MEK)	10.55	72	47910	4.869	ng	#	85
28) cis-1,2-Dichloroethene	11.05	61	427	N.D.			
29) Diisopropyl Ether	0.00	87	0	N.D.			
30) Ethyl Acetate	11.37	61	7270	1.281	ng		92
31) n-Hexane	11.34	57	4284	0.161	ng	#	96
32) Chloroform	11.39	83	337	N.D.			
34) Tetrahydrofuran (THF)	11.87	72	1863	0.189	ng	#	13
35) Ethyl tert-Butyl Ether	0.00	87	0	N.D.			
36) 1,2-Dichloroethane	12.20	62	257	N.D.			
38) 1,1,1-Trichloroethane	0.00	97	0	N.D.			
39) Isopropyl Acetate	0.00	61	0	N.D.			
40) 1-Butanol	0.00	56	0	N.D. d			
41) Benzene	12.96	78	14546	0.225	ng		99
42) Carbon Tetrachloride	13.12	117	1501	0.078	ng		98
43) Cyclohexane	13.24	84	801	N.D.			
44) tert-Amyl Methyl Ether	13.62	73	238	N.D.			
45) 1,2-Dichloropropane	0.00	63	0	N.D.			
46) Bromodichloromethane	0.00	83	0	N.D.			
47) Trichloroethene	0.00	130	0	N.D.			
48) 1,4-Dioxane	14.05	88	7285	0.600	ng		88
49) 2,2,4-Trimethylpentane...	14.13	57	2418	N.D.			
50) Methyl Methacrylate	0.00	100	0	N.D.			

Quantitation Report (QT Reviewed)

Data File : I:\MS13\DATA\2020 01\14\01142021.D Vial: 7
Acq On : 14 Jan 2020 13:14 Operator: WA
Sample : P2000003-003 (400mL) pf2 Inst : MS13
Misc : S31-10251901

Quant Time: Jan 15 10:56:46 2020
Quant Method : I:\MS13\METHODS\R13110119.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Sat Nov 02 09:55:49 2019
Response via : Initial Calibration
DataAcq Meth:TO15A.M

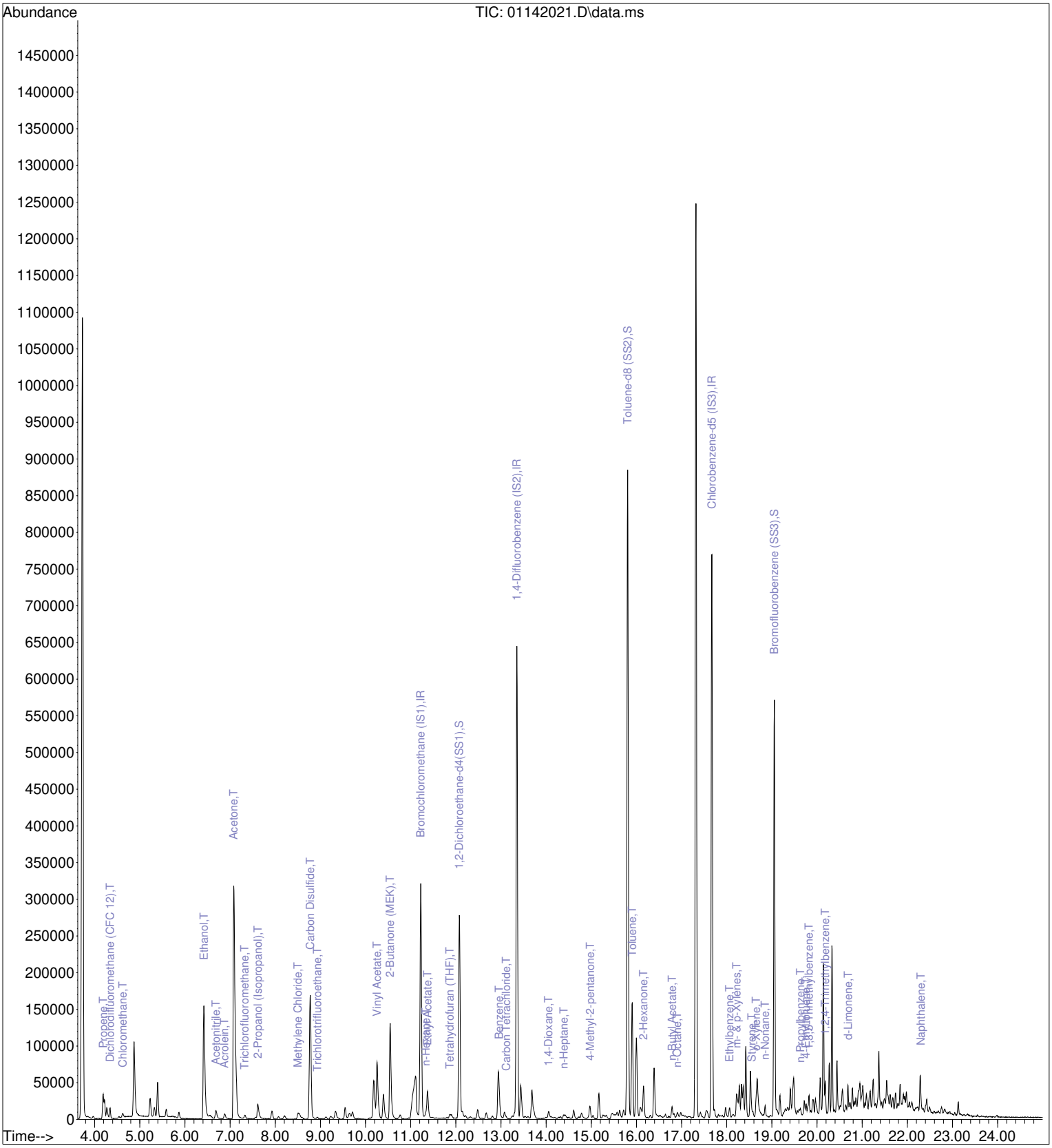
Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
51) n-Heptane	14.39	71	1184	0.074 ng	#	1
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
53) 4-Methyl-2-pentanone	14.97	58	4833	0.335 ng		75
54) trans-1,3-Dichloropropene	0.00	75	0	N.D. d		
55) 1,1,2-Trichloroethane	0.00	97	0	N.D.		
58) Toluene	15.91	91	134509	2.152 ng		100
59) 2-Hexanone	16.16	43	27233	0.758 ng		99
60) Dibromochloromethane	0.00	129	0	N.D.		
61) 1,2-Dibromoethane	0.00	107	0	N.D.		
62) n-Butyl Acetate	16.79	43	13274	0.338 ng		89
63) n-Octane	16.90	57	1233	0.088 ng		94
64) Tetrachloroethene	0.00	166	0	N.D.		
65) Chlorobenzene	17.71	112	128	N.D.		
66) Ethylbenzene	18.06	91	10043	0.147 ng		98
67) m- & p-Xylenes	18.22	91	26659	0.492 ng		98
68) Bromoform	0.00	173	0	N.D.		
69) Styrene	18.55	104	4423	0.112 ng		97
70) o-Xylene	18.65	91	8889	0.159 ng		100
71) n-Nonane	18.85	43	6940	0.214 ng		88
72) 1,1,2,2-Tetrachloroethane	18.66	83	302	N.D.		
74) Cumene	19.18	105	1712	N.D.		
75) alpha-Pinene	19.53	93	1242	N.D.		
76) n-Propylbenzene	19.63	91	4162	0.052 ng		92
77) 3-Ethyltoluene	0.00	105	0	N.D. d		
78) 4-Ethyltoluene	19.75	105	5286	0.084 ng		96
79) 1,3,5-Trimethylbenzene	19.82	105	3673	0.066 ng		100
80) alpha-Methylstyrene	0.00	118	0	N.D. d		
81) 2-Ethyltoluene	0.00	105	0	N.D. d		
82) 1,2,4-Trimethylbenzene	20.18	105	15913	0.267 ng		89
83) n-Decane	0.00	57	0	N.D. d		
84) Benzyl Chloride	20.32	91	217	N.D.		
85) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
86) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
87) sec-Butylbenzene	20.42	105	776	N.D.		
88) 4-Isopropyltoluene (p-...	0.00	119	0	N.D. d		
89) 1,2,3-Trimethylbenzene	0.00	105	0	N.D. d		
90) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
91) d-Limonene	20.69	68	9211m	0.380 ng		
92) 1,2-Dibromo-3-Chloropr...	0.00	157	0	N.D.		
93) n-Undecane	0.00	57	0	N.D. d		
94) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
95) Naphthalene	22.30	128	5136	0.072 ng		94
96) n-Dodecane	0.00	57	0	N.D. d		
97) Hexachlorobutadiene	0.00	225	0	N.D.		
98) Cyclohexanone	0.00	55	0	N.D. d		
99) tert-Butylbenzene	20.18	119	1996	N.D.		
100) n-Butylbenzene	0.00	91	0	N.D. d		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : I:\MS13\DATA\2020 01\14\01142021.D Vial: 7
Acq On : 14 Jan 2020 13:14 Operator: WA
Sample : P2000003-003 (400mL) pf2 Inst : MS13
Misc : S31-10251901

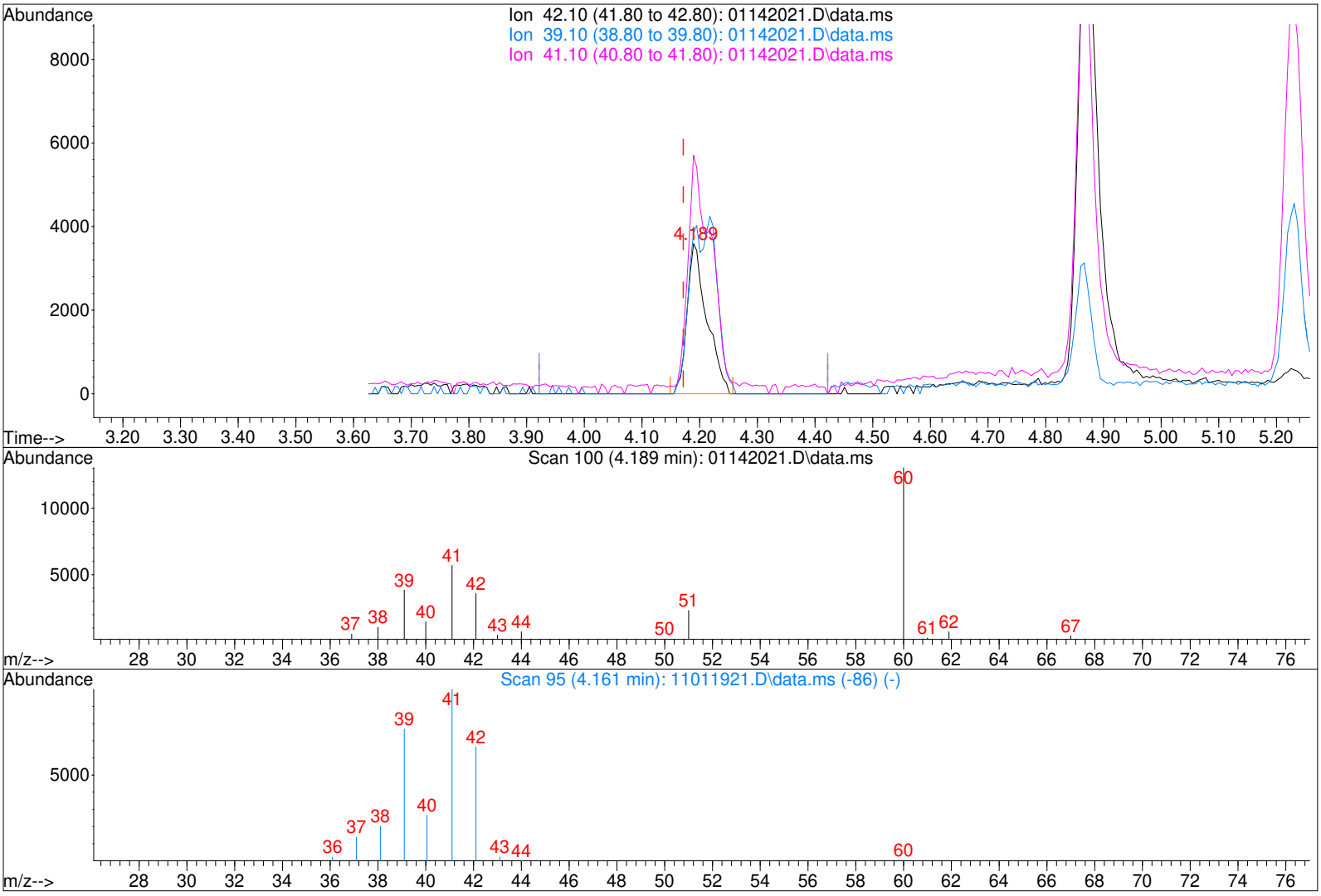
Quant Time: Jan 15 10:56:46 2020
Quant Method : I:\MS13\METHODS\R13110119.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Sat Nov 02 09:55:49 2019
Response via : Initial Calibration
DataAcq Meth:TO15A.M



Quantitation Report (Qedit)

Data File : I:\MS13\DATA\2020 01\14\01142021.D Vial: 7
Acq On : 14 Jan 2020 13:14 Operator: WA
Sample : P2000003-003 (400mL) pf2 Inst : MS13
Misc : S31-10251901

Quant Time: Jan 14 16:17:33 2020
Quant Method : I:\MS13\METHODS\R13110119.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Sat Nov 02 09:55:49 2019
Response via : Initial Calibration
DataAcq Meth:TO15A.M



TIC: 01142021.D\data.ms

(2) Propene (T)

4.189min (+0.017) 0.48ng

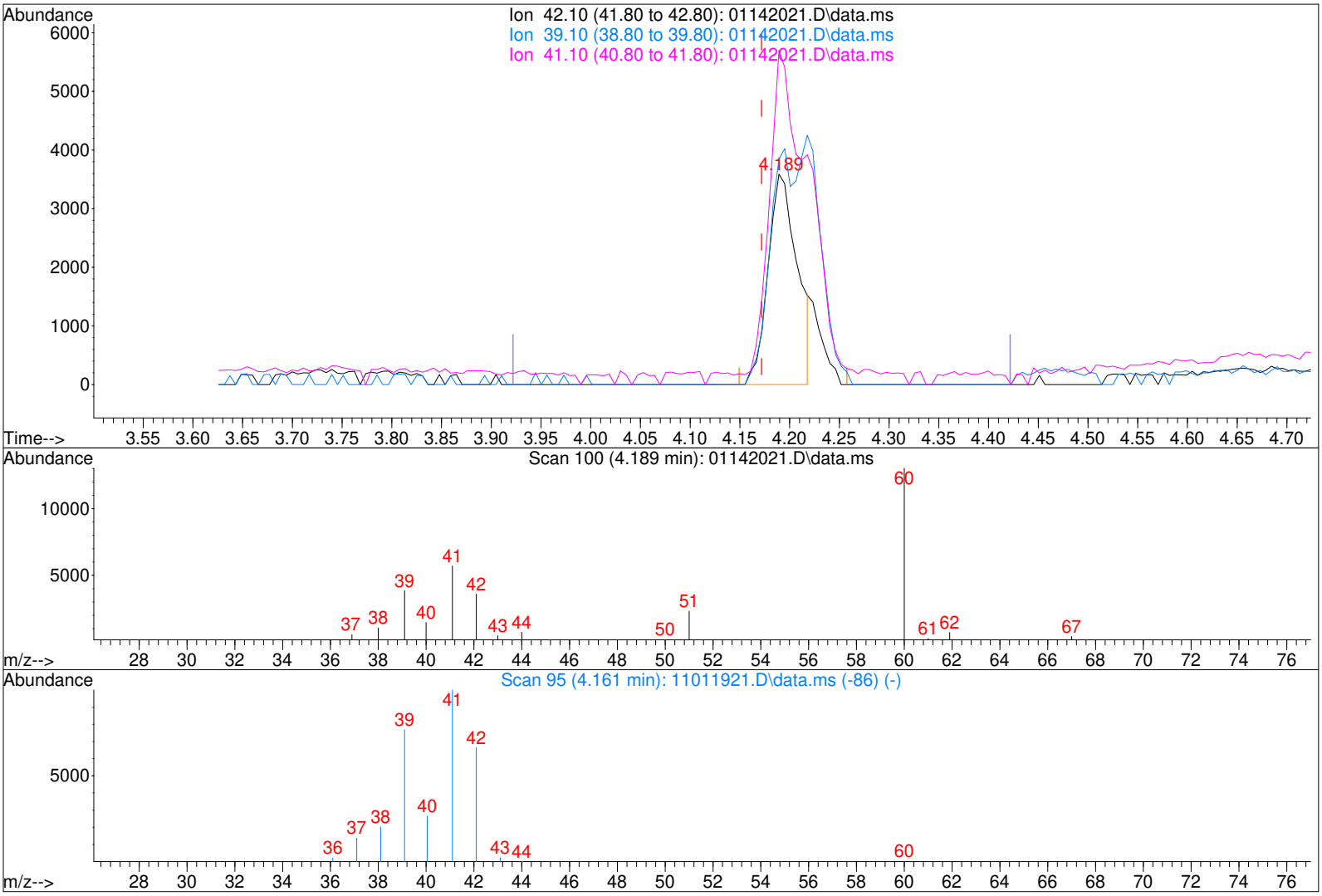
response 8560

Ion	Exp%	Act%
42.10	100	100
39.10	114.80	84.85#
41.10	150.90	178.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : I:\MS13\DATA\2020 01\14\01142021.D Vial: 7
Acq On : 14 Jan 2020 13:14 Operator: WA
Sample : P2000003-003 (400mL) pf2 Inst : MS13
Misc : S31-10251901

Quant Time: Jan 14 16:17:33 2020
Quant Method : I:\MS13\METHODS\R13110119.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Sat Nov 02 09:55:49 2019
Response via : Initial Calibration
DataAcq Meth:TO15A.M



TIC: 01142021.D\data.ms

(2) Propene (T)

4.189min (+0.017) 0.41ng m

response 7318

Ion	Exp%	Act%
42.10	100	100
39.10	114.80	99.25
41.10	150.90	208.64#
0.00	0.00	0.00

IPC

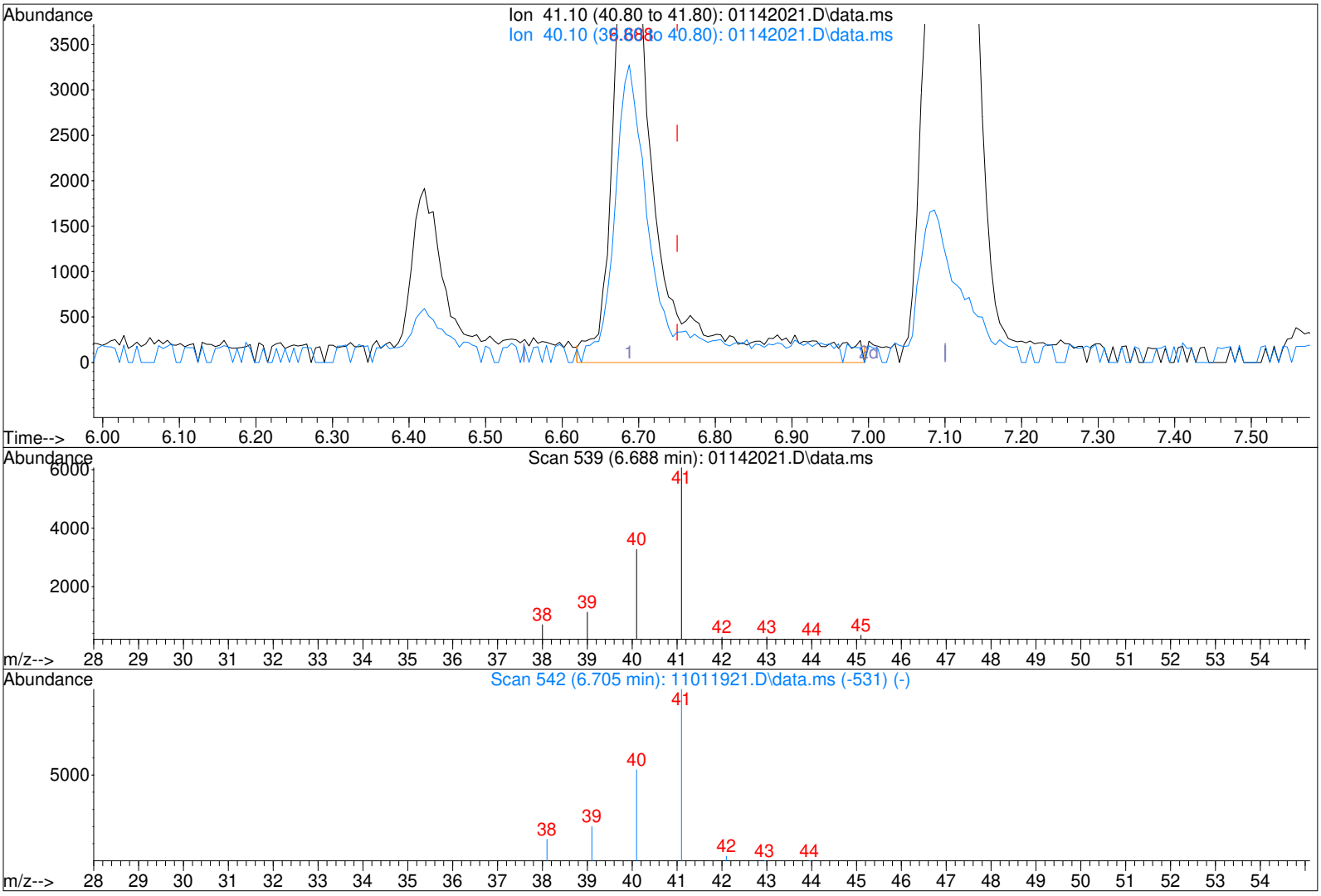
1/15/20

TD 1/15/20

Quantitation Report (Qedit)

Data File : I:\MS13\DATA\2020 01\14\01142021.D Vial: 7
Acq On : 14 Jan 2020 13:14 Operator: WA
Sample : P2000003-003 (400mL) pf2 Inst : MS13
Misc : S31-10251901

Quant Time: Jan 14 16:17:33 2020
Quant Method : I:\MS13\METHODS\R13110119.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Sat Nov 02 09:55:49 2019
Response via : Initial Calibration
DataAcq Meth:TO15A.M



TIC: 01142021.D\data.ms

(11) Acetonitrile (T)

6.688min (-0.063) 0.75ng

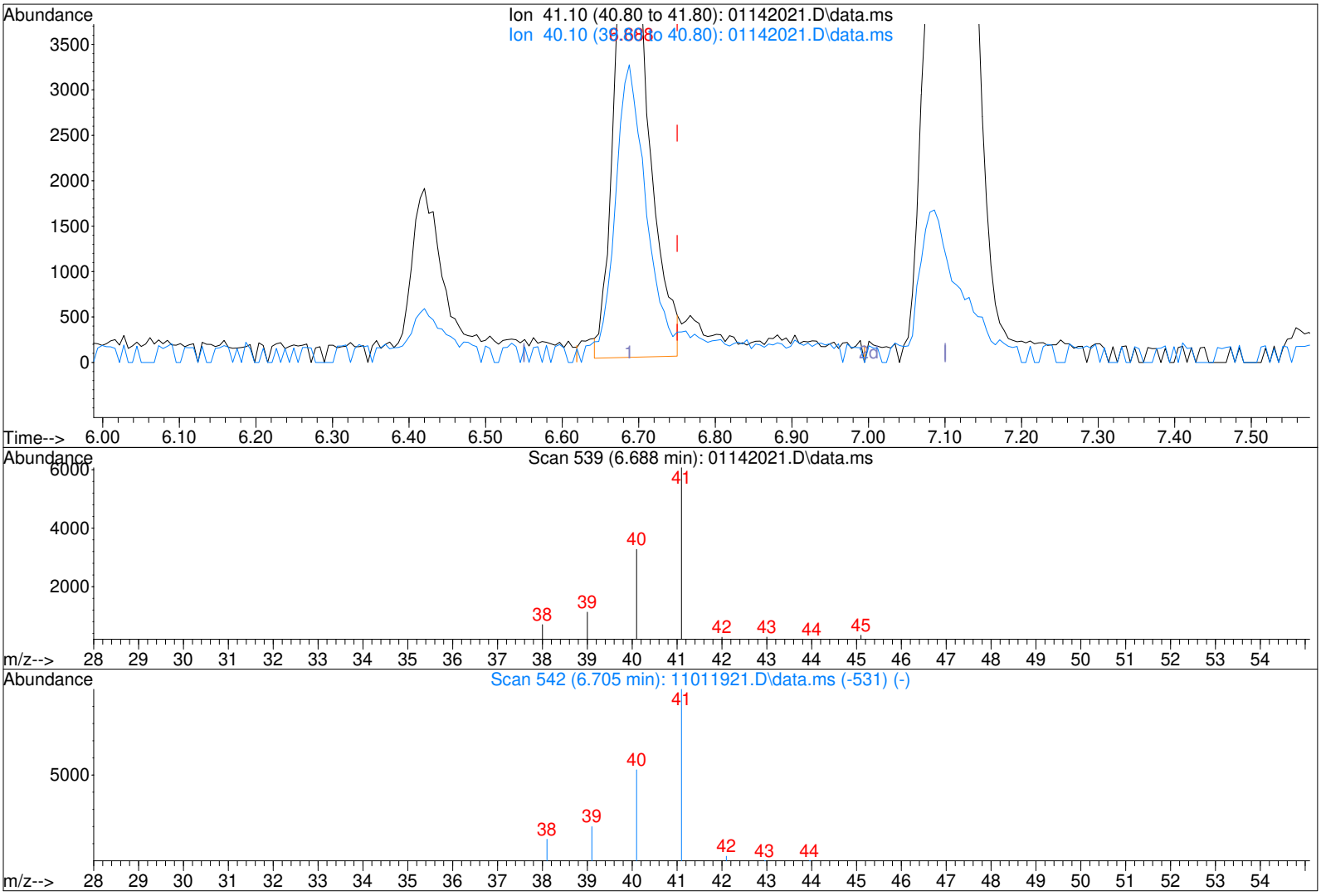
response 20981

Ion	Exp%	Act%
41.10	100	100
40.10	53.70	58.80
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : I:\MS13\DATA\2020 01\14\01142021.D Vial: 7
Acq On : 14 Jan 2020 13:14 Operator: WA
Sample : P2000003-003 (400mL) pf2 Inst : MS13
Misc : S31-10251901

Quant Time: Jan 14 16:17:33 2020
Quant Method : I:\MS13\METHODS\R13110119.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Sat Nov 02 09:55:49 2019
Response via : Initial Calibration
DataAcq Meth:TO15A.M



TIC: 01142021.D\data.ms

(11) Acetonitrile (T)

6.688min (-0.063) 0.59ng m

response 16510

Ion	Exp%	Act%
41.10	100	100
40.10	53.70	74.72#
0.00	0.00	0.00
0.00	0.00	0.00

BLC

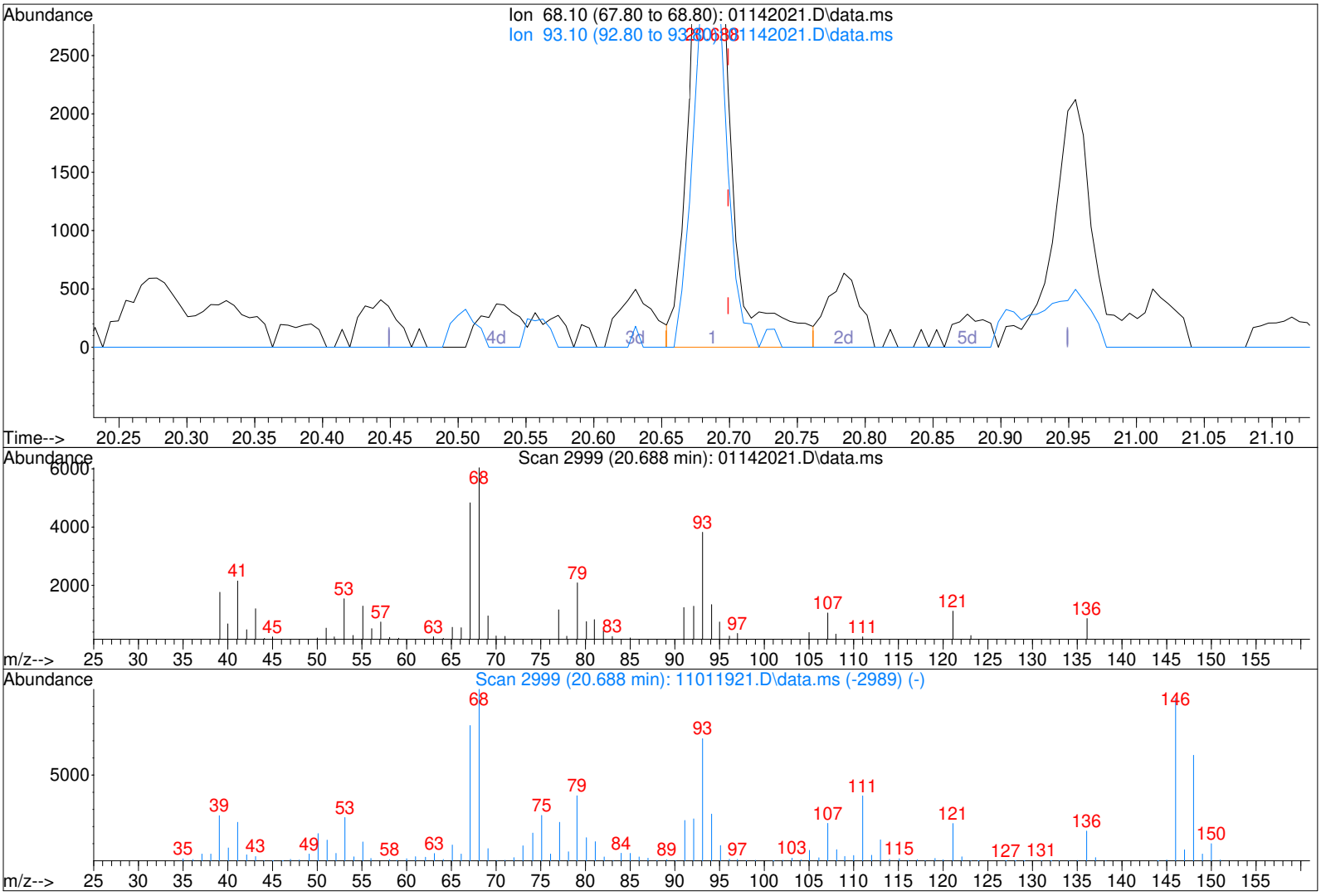
1/15/20

TD 1/15/20

Quantitation Report (Qedit)

Data File : I:\MS13\DATA\2020 01\14\01142021.D Vial: 7
Acq On : 14 Jan 2020 13:14 Operator: WA
Sample : P2000003-003 (400mL) pf2 Inst : MS13
Misc : S31-10251901

Quant Time: Jan 14 16:17:33 2020
Quant Method : I:\MS13\METHODS\R13110119.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Sat Nov 02 09:55:49 2019
Response via : Initial Calibration
DataAcq Meth:TO15A.M



TIC: 01142021.D\data.ms

(91) d-Limonene (T)

20.688min (-0.011) 0.41ng

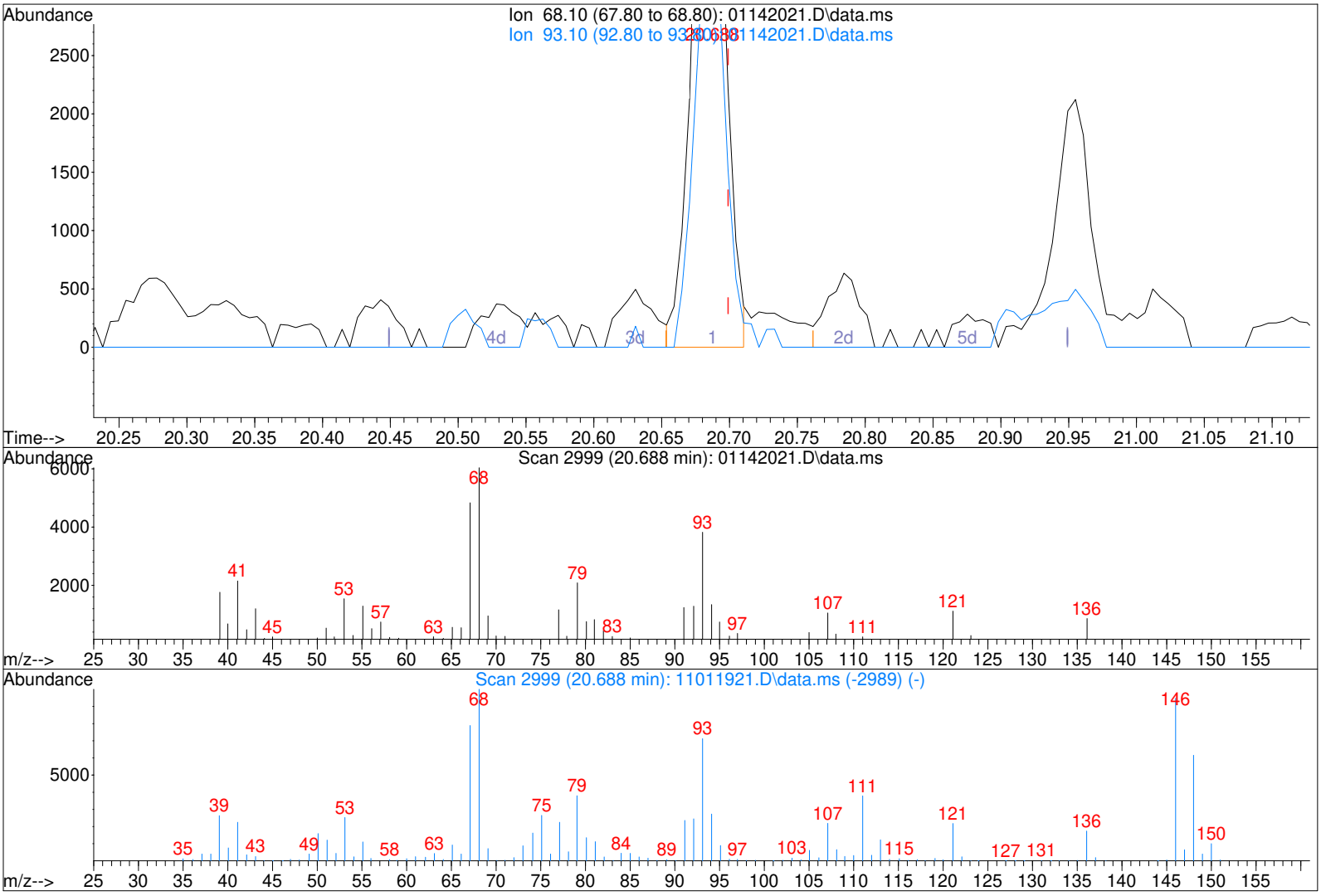
response 9962

Ion	Exp%	Act%
68.10	100	100
93.10	70.40	58.06
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : I:\MS13\DATA\2020 01\14\01142021.D Vial: 7
Acq On : 14 Jan 2020 13:14 Operator: WA
Sample : P2000003-003 (400mL) pf2 Inst : MS13
Misc : S31-10251901

Quant Time: Jan 14 16:17:33 2020
Quant Method : I:\MS13\METHODS\R13110119.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Sat Nov 02 09:55:49 2019
Response via : Initial Calibration
DataAcq Meth:TO15A.M



TIC: 01142021.D\data.ms

(91) d-Limonene (T)

20.688min (-0.011) 0.38ng m

response 9211

Ion	Exp%	Act%
68.10	100	100
93.10	70.40	62.79
0.00	0.00	0.00
0.00	0.00	0.00

BLC

1/15/20

TD 1/15/20

Quantitation Report (QT Reviewed)

Data File : I:\MS13\DATA\2020 01\14\01142022.D Vial: 7
Acq On : 14 Jan 2020 13:47 Operator: WA
Sample : P2000003-003dup (400mL) pf2 Inst : MS13
Misc : S31-10251901

Quant Time: Jan 15 11:27:10 2020
Quant Method : I:\MS13\METHODS\R13110119.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Sat Nov 02 09:55:49 2019
Response via : Initial Calibration
DataAcq Meth:TO15A.M

WA 1/15/20

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane (IS1)	11.22	130	119228	12.500	ng		-0.03
37) 1,4-Difluorobenzene (IS2)	13.35	114	559678	12.500	ng		-0.02
56) Chlorobenzene-d5 (IS3)	17.67	82	283615	12.500	ng		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4(...	12.08	65	209087	11.776	ng		-0.02
Spiked Amount 12.500	Range 70 - 130		Recovery = 94.24%				
57) Toluene-d8 (SS2)	15.80	98	665165	11.917	ng		-0.01
Spiked Amount 12.500	Range 70 - 130		Recovery = 95.36%				
73) Bromofluorobenzene (SS3)	19.05	174	159329	13.347	ng		0.00
Spiked Amount 12.500	Range 70 - 130		Recovery = 106.80%				
Target Compounds							Qvalue
2) Propene	4.20	42	8556	0.505	ng	#	70
3) Dichlorodifluoromethan...	4.35	85	12981	0.475	ng		97
4) Chloromethane	4.63	50	2915	0.144	ng		93
5) 1,2-Dichloro-1,1,2,2-t...	0.00	135	0	N.D.			
6) Vinyl Chloride	0.00	62	0	N.D.			
7) 1,3-Butadiene	5.32	54	438	N.D.			
8) Bromomethane	0.00	94	0	N.D.			
9) Chloroethane	0.00	64	0	N.D.			
10) Ethanol	6.42	45	239025	21.260	ng		99
11) Acetonitrile	6.69	41	14378	0.537	ng		79
12) Acrolein	6.88	56	7487	0.876	ng		99
13) Acetone	7.09	58	181577	15.570	ng		90
14) Trichlorofluoromethane	7.34	101	5563	0.240	ng		99
15) 2-Propanol (Isopropanol)	7.62	45	33032	0.910	ng		83
16) Acrylonitrile	7.86	53	121	N.D.			
17) 1,1-Dichloroethene	0.00	96	0	N.D.			
18) 2-Methyl-2-Propanol (t...	0.00	59	0	N.D.	d		
19) Methylene Chloride	8.51	84	4524	0.337	ng		91
20) 3-Chloro-1-propene (Al...	0.00	41	0	N.D.	d		
21) Trichlorotrifluoroethane	8.94	151	971	0.100	ng	#	81
22) Carbon Disulfide	8.78	76	335912	6.458	ng		99
23) trans-1,2-Dichloroethene	0.00	61	0	N.D.			
24) 1,1-Dichloroethane	0.00	63	0	N.D.			
25) Methyl tert-Butyl Ether	0.00	73	0	N.D.	d		
26) Vinyl Acetate	10.26	86	14978	4.098	ng	#	46
27) 2-Butanone (MEK)	10.55	72	44050	4.688	ng	#	85
28) cis-1,2-Dichloroethene	0.00	61	0	N.D.			
29) Diisopropyl Ether	0.00	87	0	N.D.			
30) Ethyl Acetate	11.38	61	6665	1.229	ng		87
31) n-Hexane	11.34	57	3929	0.155	ng	#	93
32) Chloroform	11.39	83	266	N.D.			
34) Tetrahydrofuran (THF)	0.00	72	0	N.D.	d		
35) Ethyl tert-Butyl Ether	0.00	87	0	N.D.			
36) 1,2-Dichloroethane	12.21	62	242	N.D.			
38) 1,1,1-Trichloroethane	0.00	97	0	N.D.			
39) Isopropyl Acetate	0.00	61	0	N.D.			
40) 1-Butanol	0.00	56	0	N.D.	d		
41) Benzene	12.96	78	14166	0.228	ng		96
42) Carbon Tetrachloride	13.12	117	1459	0.078	ng		99
43) Cyclohexane	13.25	84	549	N.D.			
44) tert-Amyl Methyl Ether	0.00	73	0	N.D.			
45) 1,2-Dichloropropane	0.00	63	0	N.D.			
46) Bromodichloromethane	0.00	83	0	N.D.			
47) Trichloroethene	0.00	130	0	N.D.			
48) 1,4-Dioxane	14.06	88	4510	0.386	ng		86
49) 2,2,4-Trimethylpentane...	14.13	57	2132	N.D.			
50) Methyl Methacrylate	0.00	100	0	N.D.			

Quantitation Report (QT Reviewed)

Data File : I:\MS13\DATA\2020 01\14\01142022.D Vial: 7
Acq On : 14 Jan 2020 13:47 Operator: WA
Sample : P2000003-003dup (400mL) pf2 Inst : MS13
Misc : S31-10251901

Quant Time: Jan 15 11:27:10 2020
Quant Method : I:\MS13\METHODS\R13110119.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Sat Nov 02 09:55:49 2019
Response via : Initial Calibration
DataAcq Meth:TO15A.M

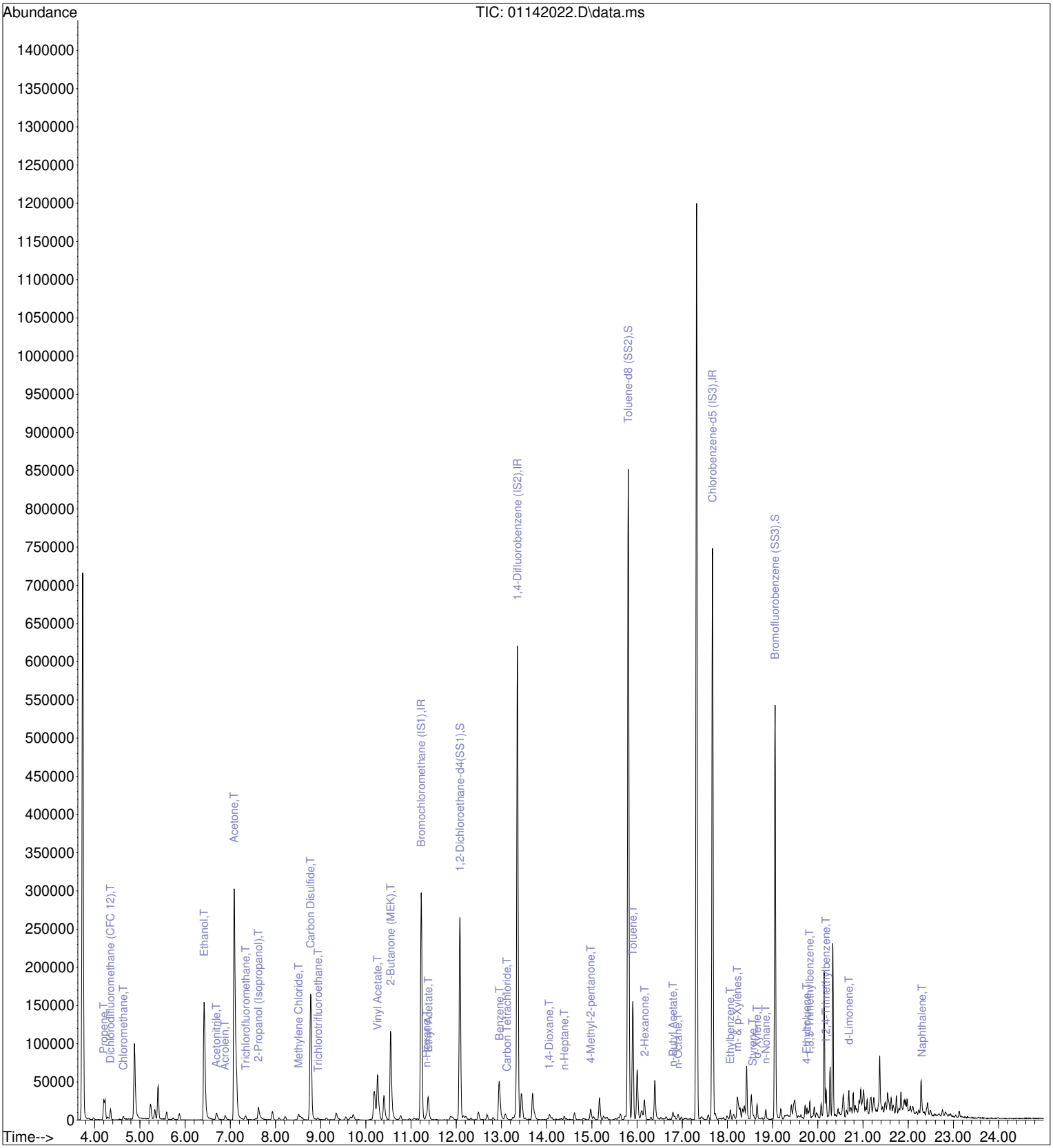
Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
51) n-Heptane	14.39	71	1071	0.070 ng	#	76
52) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
53) 4-Methyl-2-pentanone	14.97	58	3924	0.283 ng	#	70
54) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
55) 1,1,2-Trichloroethane	0.00	97	0	N.D.		
58) Toluene	15.91	91	131911	2.179 ng		100
59) 2-Hexanone	16.17	43	15702	0.451 ng		98
60) Dibromochloromethane	0.00	129	0	N.D.		
61) 1,2-Dibromoethane	0.00	107	0	N.D.		
62) n-Butyl Acetate	16.79	43	8784	0.231 ng		87
63) n-Octane	16.91	57	1414	0.104 ng	#	75
64) Tetrachloroethene	17.05	166	135	N.D.		
65) Chlorobenzene	0.00	112	0	N.D.		
66) Ethylbenzene	18.06	91	9513	0.143 ng		96
67) m- & p-Xylenes	18.22	91	25535	0.486 ng		99
68) Bromoform	0.00	173	0	N.D.		
69) Styrene	18.56	104	3897	0.102 ng		94
70) o-Xylene	18.66	91	8529	0.158 ng		98
71) n-Nonane	18.85	43	5907	0.188 ng		92
72) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
74) Cumene	19.18	105	1422	N.D.		
75) alpha-Pinene	19.53	93	1098	N.D.		
76) n-Propylbenzene	19.62	91	3742	N.D.		
77) 3-Ethyltoluene	0.00	105	0	N.D. d		
78) 4-Ethyltoluene	19.75	105	4882	0.080 ng		91
79) 1,3,5-Trimethylbenzene	19.82	105	3541	0.066 ng		92
80) alpha-Methylstyrene	0.00	118	0	N.D. d		
81) 2-Ethyltoluene	0.00	105	0	N.D. d		
82) 1,2,4-Trimethylbenzene	20.18	105	15418	0.267 ng		87
83) n-Decane	0.00	57	0	N.D. d		
84) Benzyl Chloride	20.32	91	111	N.D.		
85) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
86) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
87) sec-Butylbenzene	20.42	105	672	N.D.		
88) 4-Isopropyltoluene (p-...	0.00	119	0	N.D. d		
89) 1,2,3-Trimethylbenzene	0.00	105	0	N.D. d		
90) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
91) d-Limonene	20.69	68	8327	0.355 ng		89
92) 1,2-Dibromo-3-Chloropr...	0.00	157	0	N.D.		
93) n-Undecane	0.00	57	0	N.D. d		
94) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
95) Naphthalene	22.30	128	3756	0.054 ng		98
96) n-Dodecane	0.00	57	0	N.D. d		
97) Hexachlorobutadiene	0.00	225	0	N.D.		
98) Cyclohexanone	0.00	55	0	N.D. d		
99) tert-Butylbenzene	20.18	119	1842	N.D.		
100) n-Butylbenzene	0.00	91	0	N.D. d		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : I:\MS13\DATA\2020 01\14\01142022.D Vial: 7
Acq On : 14 Jan 2020 13:47 Operator: WA
Sample : P2000003-003dup (400mL) pf2 Inst : MS13
Misc : S31-10251901

Quant Time: Jan 15 11:27:10 2020
Quant Method : I:\MS13\METHODS\R13110119.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Sat Nov 02 09:55:49 2019
Response via : Initial Calibration
DataAcq Meth:TO15A.M



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www.alsglobal.com

LABORATORY REPORT

June 11, 2020

Eyal Shvartz
Dr. Katz Technologies & Enterprises (KTE)
HaMeginim Ave. 53
Haifa, ISR-HA 33265

RE: Tel Hashomer / KTE-47-20-Simi

Dear Eyal:

Enclosed are the results of the samples submitted to our laboratory on May 28, 2020. For your reference, these analyses have been assigned our service request number P2002969.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Sue Anderson at 2:18 pm, Jun 11, 2020

Sue Anderson
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request No: P2002969
Project: Tel Hashomer / KTE-47-20-Simi

CASE NARRATIVE

The samples were received intact under chain of custody on May 28, 2020 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The upper control criterion was exceeded for methyl tert.-butyl ether (MTBE) in the Continuing Calibration Verification (CCV) analyzed on June 5 and 8, 2020. Since the apparent problem equates to a potential high bias and the field samples analyzed in this sequence did not contain the analyte in question, the data quality has not been affected. No corrective action was required.

In addition, the minimum criterion for 1,2,4-Trichlorobenzene was not met in the Continuing Calibration Verification (CCV) analyzed on June 8, 2020. In accordance with ALS Environmental standard operating procedures, a Method Reporting Limit (MRL) check standard containing the analyte of concern was analyzed and verified that instrument sensitivity was adequate to detect the analyte at the MRL on the day of analysis. Since this compound was not found in the field sample, the data quality has not been significantly affected. No corrective action was required.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.1 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-007
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request: P2002969

Project ID: Tel Hashomer / KTE-47-20-Simi

Date Received: 5/28/2020

Time Received: 09:35

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	TO-15 - VOC Cans
SG-138	P2002969-001	Air	5/25/2020	11:55	1SS00946	-2.75	5.83	X
SG-91	P2002969-002	Air	5/25/2020	13:52	1SS00219	-2.21	5.51	X

Air - Chain of Custody Record & Analytical Service Request

Page ____ of ____

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No. PJ002969

ALS Contact:

Company Name & Address (Reporting Information): Kta

Project Name: [illegible] Tel Machine

Project Number: KTE-47-20-Simi

Project Manager:

P.O. # / Billing Information:

Phone:

Fax:

Email Address for Result Reporting:

Sampler (Print & Sign):

Analysis Method

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Tests		Comments e.g. Actual Preservative or specific instructions
SG-158	1	2/5	11:55	[illegible]	[illegible]	20	[illegible]	1L	✓		
SG-97	2	2/5	13:52	[illegible]	[illegible]	30	[illegible]	1L	✓		

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____
Tier II (Results + QC Summaries) ____
Tier III (Results + QC & Calibration Summaries) X
Tier IV (Data Validation Package) 10% Surcharge ____

EDD required Yes / No
Type: ____ Units: ____

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[illegible]	[illegible]				
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
			[signature]	5-28-20	0935

Cooler / Blank Temperature ____ °C

ALS Environmental

Sample Acceptance Check Form

Client: Dr. Katz Technologies & Enterprises (KTE) Work order: P2002969

Project: Tel Hashomer / KTE-47-20-Simi

Sample(s) received on: 5/28/20 Date opened: 5/28/20 by: ADAVID

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2002969-001.01	1.0 L Source Silonite Canister					
P2002969-002.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers): _____

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-138** ALS Project ID: P2002969
Client Project ID: **Tel Hashomer / KTE-47-20-Simi** ALS Sample ID: P2002969-001

Test Code: EPA TO-15 Date Collected: 5/25/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/28/20
Analyst: Wida Ang Date Analyzed: 6/8/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00946

Initial Pressure (psig): -2.75 Final Pressure (psig): 5.83

Canister Dilution Factor: 1.72

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.4**	2.3	0.56	**0.83**	1.3	0.32	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.6**	2.3	0.37	**0.52**	0.46	0.076	
74-87-3	Chloromethane	<0.37	2.3	0.37	<0.18	1.1	0.18	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.36	2.3	0.36	<0.052	0.33	0.052	
75-01-4	Vinyl Chloride	<0.25	2.3	0.25	<0.096	0.91	0.096	
106-99-0	1,3-Butadiene	<0.38	2.3	0.38	<0.17	1.0	0.17	
74-83-9	Bromomethane	<0.32	2.3	0.32	<0.082	0.60	0.082	
75-00-3	Chloroethane	<0.28	2.3	0.28	<0.11	0.88	0.11	
64-17-5	Ethanol	**1,400**	22	1.6	**760**	12	0.84	
75-05-8	Acetonitrile	**1.1**	2.3	0.56	**0.64**	1.4	0.33	**J**
107-02-8	Acrolein	**1.9**	4.3	0.65	**0.82**	1.9	0.28	**J**
67-64-1	Acetone	**24**	23	5.2	**10**	9.6	2.2	
75-69-4	Trichlorofluoromethane (CFC 11)	**18**	2.3	0.35	**3.2**	0.41	0.062	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.3**	9.0	0.95	**0.53**	3.7	0.39	**J**
107-13-1	Acrylonitrile	<0.47	2.3	0.47	<0.22	1.1	0.22	
75-35-4	1,1-Dichloroethene	<0.32	2.3	0.32	<0.080	0.59	0.080	
75-09-2	Methylene Chloride	<0.65	2.3	0.65	<0.19	0.66	0.19	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.31	2.3	0.31	<0.099	0.74	0.099	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.54**	2.3	0.33	**0.070**	0.30	0.043	**J**
75-15-0	Carbon Disulfide	**9.7**	4.7	0.69	**3.1**	1.5	0.22	
156-60-5	trans-1,2-Dichloroethene	<0.32	2.3	0.32	<0.080	0.59	0.080	
75-34-3	1,1-Dichloroethane	<0.34	2.4	0.34	<0.083	0.58	0.083	
1634-04-4	Methyl tert-Butyl Ether	<0.27	2.3	0.27	<0.075	0.64	0.075	
108-05-4	Vinyl Acetate	**6.4**	23	5.2	**1.8**	6.6	1.5	**J**
78-93-3	2-Butanone (MEK)	**8.1**	4.7	0.47	**2.7**	1.6	0.16	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-138** ALS Project ID: P2002969
Client Project ID: **Tel Hashomer / KTE-47-20-Simi** ALS Sample ID: P2002969-001

Test Code: EPA TO-15 Date Collected: 5/25/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/28/20
Analyst: Wida Ang Date Analyzed: 6/8/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00946

Initial Pressure (psig): -2.75 Final Pressure (psig): 5.83

Canister Dilution Factor: 1.72

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.32	2.3	0.32	<0.081	0.58	0.081	
141-78-6	Ethyl Acetate	<1.2	4.7	1.2	<0.33	1.3	0.33	
110-54-3	n-Hexane	<0.47	2.3	0.47	<0.13	0.66	0.13	
67-66-3	Chloroform	**5.4**	2.3	0.31	**1.1**	0.48	0.063	
109-99-9	Tetrahydrofuran (THF)	<0.29	2.4	0.29	<0.098	0.80	0.098	
107-06-2	1,2-Dichloroethane	<0.25	2.3	0.25	<0.063	0.57	0.063	
71-55-6	1,1,1-Trichloroethane	<0.28	2.3	0.28	<0.052	0.43	0.052	
71-43-2	Benzene	**0.38**	2.3	0.33	**0.12**	0.71	0.10	**J**
56-23-5	Carbon Tetrachloride	<0.32	2.3	0.32	<0.051	0.36	0.051	
110-82-7	Cyclohexane	<0.65	4.7	0.65	<0.19	1.4	0.19	
78-87-5	1,2-Dichloropropane	<0.28	2.3	0.28	<0.061	0.50	0.061	
75-27-4	Bromodichloromethane	**1.8**	2.3	0.33	**0.28**	0.35	0.049	**J**
79-01-6	Trichloroethene	**3.1**	2.3	0.31	**0.58**	0.43	0.058	
123-91-1	1,4-Dioxane	<0.27	2.3	0.27	<0.075	0.64	0.075	
80-62-6	Methyl Methacrylate	<0.82	4.7	0.82	<0.20	1.2	0.20	
142-82-5	n-Heptane	**3.9**	2.3	0.37	**0.95**	0.57	0.089	
10061-01-5	cis-1,3-Dichloropropene	<0.36	2.2	0.36	<0.079	0.49	0.079	
108-10-1	4-Methyl-2-pentanone	<0.31	2.3	0.31	<0.077	0.56	0.077	
10061-02-6	trans-1,3-Dichloropropene	<0.47	2.3	0.47	<0.10	0.50	0.10	
79-00-5	1,1,2-Trichloroethane	<0.23	2.3	0.23	<0.043	0.43	0.043	
108-88-3	Toluene	**14**	2.3	0.28	**3.6**	0.62	0.074	
591-78-6	2-Hexanone	**0.73**	2.3	0.28	**0.18**	0.57	0.069	**J**
124-48-1	Dibromochloromethane	<0.30	2.3	0.30	<0.035	0.27	0.035	
106-93-4	1,2-Dibromoethane	<0.27	2.3	0.27	<0.035	0.30	0.035	
123-86-4	n-Butyl Acetate	**0.80**	2.4	0.31	**0.17**	0.50	0.066	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-138** ALS Project ID: P2002969
Client Project ID: **Tel Hashomer / KTE-47-20-Simi** ALS Sample ID: P2002969-001

Test Code: EPA TO-15 Date Collected: 5/25/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/28/20
Analyst: Wida Ang Date Analyzed: 6/8/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00946

Initial Pressure (psig): -2.75 Final Pressure (psig): 5.83

Canister Dilution Factor: 1.72

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**0.79**	2.3	0.52	**0.17**	0.50	0.11	**J**
127-18-4	Tetrachloroethene	**0.53**	2.2	0.30	**0.078**	0.33	0.044	**J**
108-90-7	Chlorobenzene	<0.31	2.3	0.31	<0.066	0.50	0.066	
100-41-4	Ethylbenzene	**1.4**	2.3	0.32	**0.32**	0.53	0.074	**J**
179601-23-1	m,p-Xylenes	**4.1**	4.7	0.60	**0.94**	1.1	0.14	**J**
75-25-2	Bromoform	<0.47	2.3	0.47	<0.046	0.22	0.046	
100-42-5	Styrene	**1.4**	2.3	0.37	**0.33**	0.54	0.087	**J**
95-47-6	o-Xylene	**1.3**	2.3	0.33	**0.29**	0.53	0.076	**J**
111-84-2	n-Nonane	**0.61**	2.3	0.38	**0.12**	0.44	0.073	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.32	2.3	0.32	<0.046	0.34	0.046	
98-82-8	Cumene	<0.33	2.3	0.33	<0.067	0.47	0.067	
80-56-8	alpha-Pinene	**0.43**	2.3	0.35	**0.077**	0.42	0.063	**J**
103-65-1	n-Propylbenzene	<0.33	2.3	0.33	<0.067	0.47	0.067	
622-96-8	4-Ethyltoluene	**0.40**	2.3	0.37	**0.081**	0.47	0.074	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.46**	2.3	0.33	**0.095**	0.46	0.067	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.2**	2.3	0.32	**0.45**	0.47	0.065	**J**
100-44-7	Benzyl Chloride	<0.52	4.7	0.52	<0.10	0.91	0.10	
541-73-1	1,3-Dichlorobenzene	<0.34	2.3	0.34	<0.057	0.39	0.057	
106-46-7	1,4-Dichlorobenzene	<0.35	2.3	0.35	<0.059	0.39	0.059	
95-50-1	1,2-Dichlorobenzene	<0.34	2.3	0.34	<0.057	0.39	0.057	
5989-27-5	d-Limonene	**1.6**	2.3	0.47	**0.29**	0.42	0.085	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.43	2.3	0.43	<0.045	0.24	0.045	
120-82-1	1,2,4-Trichlorobenzene	<0.56	2.3	0.56	<0.075	0.31	0.075	**V**
91-20-3	Naphthalene	**0.88**	2.2	0.56	**0.17**	0.43	0.11	**J**
87-68-3	Hexachlorobutadiene	<0.47	2.3	0.47	<0.044	0.21	0.044	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-91** ALS Project ID: P2002969
Client Project ID: **Tel Hashomer / KTE-47-20-Simi** ALS Sample ID: P2002969-002

Test Code: EPA TO-15 Date Collected: 5/25/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/28/20
Analyst: Wida Ang Date Analyzed: 6/6/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00219

Initial Pressure (psig): -2.21 Final Pressure (psig): 5.51

Canister Dilution Factor: 1.62

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.8**	2.1	0.53	**1.1**	1.2	0.31	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.7**	2.1	0.35	**0.55**	0.43	0.071	
74-87-3	Chloromethane	<0.35	2.1	0.35	<0.17	1.0	0.17	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.34	2.1	0.34	<0.049	0.31	0.049	
75-01-4	Vinyl Chloride	<0.23	2.2	0.23	<0.090	0.86	0.090	
106-99-0	1,3-Butadiene	<0.36	2.1	0.36	<0.16	0.97	0.16	
74-83-9	Bromomethane	<0.30	2.2	0.30	<0.077	0.56	0.077	
75-00-3	Chloroethane	<0.27	2.2	0.27	<0.10	0.83	0.10	
64-17-5	Ethanol	**8,600**	210	15	**4,600**	110	8.0	**D**
75-05-8	Acetonitrile	**1.4**	2.1	0.53	**0.86**	1.3	0.31	**J**
107-02-8	Acrolein	**1.7**	4.1	0.61	**0.76**	1.8	0.27	**J**
67-64-1	Acetone	**21**	21	4.9	**9.0**	9.0	2.0	**J**
75-69-4	Trichlorofluoromethane (CFC 11)	**8.6**	2.1	0.33	**1.5**	0.38	0.058	
67-63-0	2-Propanol (Isopropyl Alcohol)	**6.9**	8.5	0.89	**2.8**	3.5	0.36	**J**
107-13-1	Acrylonitrile	<0.45	2.1	0.45	<0.21	0.99	0.21	
75-35-4	1,1-Dichloroethene	<0.30	2.2	0.30	<0.076	0.55	0.076	
75-09-2	Methylene Chloride	<0.61	2.1	0.61	<0.17	0.62	0.17	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.29	2.2	0.29	<0.093	0.70	0.093	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.51**	2.2	0.31	**0.067**	0.29	0.040	**J**
75-15-0	Carbon Disulfide	**23**	4.5	0.65	**7.4**	1.4	0.21	
156-60-5	trans-1,2-Dichloroethene	<0.30	2.2	0.30	<0.076	0.55	0.076	
75-34-3	1,1-Dichloroethane	<0.32	2.2	0.32	<0.078	0.55	0.078	
1634-04-4	Methyl tert-Butyl Ether	<0.26	2.2	0.26	<0.071	0.61	0.071	
108-05-4	Vinyl Acetate	<4.9	22	4.9	<1.4	6.2	1.4	
78-93-3	2-Butanone (MEK)	**5.1**	4.5	0.45	**1.7**	1.5	0.15	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-91** ALS Project ID: P2002969
Client Project ID: **Tel Hashomer / KTE-47-20-Simi** ALS Sample ID: P2002969-002

Test Code: EPA TO-15 Date Collected: 5/25/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/28/20
Analyst: Wida Ang Date Analyzed: 6/6/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00219

Initial Pressure (psig): -2.21 Final Pressure (psig): 5.51

Canister Dilution Factor: 1.62

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.30	2.1	0.30	<0.077	0.54	0.077	
141-78-6	Ethyl Acetate	**1.3**	4.5	1.1	**0.37**	1.2	0.31	**J**
110-54-3	n-Hexane	**0.77**	2.2	0.45	**0.22**	0.62	0.13	**J**
67-66-3	Chloroform	**0.43**	2.2	0.29	**0.089**	0.45	0.059	**J**
109-99-9	Tetrahydrofuran (THF)	<0.27	2.2	0.27	<0.092	0.76	0.092	
107-06-2	1,2-Dichloroethane	<0.24	2.2	0.24	<0.059	0.54	0.059	
71-55-6	1,1,1-Trichloroethane	<0.27	2.2	0.27	<0.049	0.40	0.049	
71-43-2	Benzene	<0.31	2.1	0.31	<0.098	0.67	0.098	
56-23-5	Carbon Tetrachloride	**0.44**	2.1	0.30	**0.070**	0.34	0.048	**J**
110-82-7	Cyclohexane	<0.61	4.5	0.61	<0.18	1.3	0.18	
78-87-5	1,2-Dichloropropane	<0.27	2.2	0.27	<0.058	0.47	0.058	
75-27-4	Bromodichloromethane	<0.31	2.2	0.31	<0.047	0.33	0.047	
79-01-6	Trichloroethene	**0.97**	2.2	0.29	**0.18**	0.41	0.054	**J**
123-91-1	1,4-Dioxane	<0.26	2.2	0.26	<0.071	0.61	0.071	
80-62-6	Methyl Methacrylate	<0.77	4.5	0.77	<0.19	1.1	0.19	
142-82-5	n-Heptane	**1.3**	2.2	0.34	**0.31**	0.53	0.084	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.34	2.1	0.34	<0.074	0.46	0.074	
108-10-1	4-Methyl-2-pentanone	<0.30	2.1	0.30	<0.072	0.52	0.072	
10061-02-6	trans-1,3-Dichloropropene	<0.45	2.1	0.45	<0.098	0.47	0.098	
79-00-5	1,1,2-Trichloroethane	<0.22	2.2	0.22	<0.040	0.40	0.040	
108-88-3	Toluene	**6.0**	2.2	0.26	**1.6**	0.58	0.070	
591-78-6	2-Hexanone	**0.43**	2.2	0.27	**0.10**	0.53	0.065	**J**
124-48-1	Dibromochloromethane	<0.28	2.2	0.28	<0.033	0.26	0.033	
106-93-4	1,2-Dibromoethane	<0.25	2.2	0.25	<0.033	0.28	0.033	
123-86-4	n-Butyl Acetate	**0.50**	2.2	0.30	**0.11**	0.47	0.062	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-91** ALS Project ID: P2002969
Client Project ID: **Tel Hashomer / KTE-47-20-Simi** ALS Sample ID: P2002969-002

Test Code: EPA TO-15 Date Collected: 5/25/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 5/28/20
Analyst: Wida Ang Date Analyzed: 6/6/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00219

Initial Pressure (psig): -2.21 Final Pressure (psig): 5.51

Canister Dilution Factor: 1.62

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**0.65**	2.2	0.49	**0.14**	0.47	0.10	**J**
127-18-4	Tetrachloroethene	**8.4**	2.1	0.28	**1.2**	0.31	0.041	
108-90-7	Chlorobenzene	<0.29	2.2	0.29	<0.062	0.48	0.062	
100-41-4	Ethylbenzene	**0.78**	2.2	0.30	**0.18**	0.50	0.070	**J**
179601-23-1	m,p-Xylenes	**2.3**	4.5	0.57	**0.54**	1.0	0.13	**J**
75-25-2	Bromoform	<0.45	2.2	0.45	<0.043	0.21	0.043	
100-42-5	Styrene	**0.66**	2.1	0.35	**0.16**	0.50	0.082	**J**
95-47-6	o-Xylene	**0.75**	2.2	0.31	**0.17**	0.50	0.072	**J**
111-84-2	n-Nonane	**0.43**	2.2	0.36	**0.083**	0.42	0.069	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.30	2.2	0.30	<0.044	0.32	0.044	
98-82-8	Cumene	<0.31	2.2	0.31	<0.063	0.45	0.063	
80-56-8	alpha-Pinene	**0.34**	2.2	0.33	**0.060**	0.39	0.060	**J**
103-65-1	n-Propylbenzene	<0.31	2.2	0.31	<0.063	0.45	0.063	
622-96-8	4-Ethyltoluene	<0.34	2.2	0.34	<0.070	0.45	0.070	
108-67-8	1,3,5-Trimethylbenzene	<0.31	2.1	0.31	<0.063	0.44	0.063	
95-63-6	1,2,4-Trimethylbenzene	**1.3**	2.2	0.30	**0.26**	0.45	0.061	**J**
100-44-7	Benzyl Chloride	<0.49	4.5	0.49	<0.094	0.86	0.094	
541-73-1	1,3-Dichlorobenzene	<0.32	2.2	0.32	<0.054	0.36	0.054	
106-46-7	1,4-Dichlorobenzene	<0.33	2.2	0.33	<0.055	0.36	0.055	
95-50-1	1,2-Dichlorobenzene	<0.32	2.2	0.32	<0.053	0.36	0.053	
5989-27-5	d-Limonene	**1.4**	2.2	0.45	**0.25**	0.39	0.080	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.41	2.1	0.41	<0.042	0.22	0.042	
120-82-1	1,2,4-Trichlorobenzene	<0.53	2.2	0.53	<0.071	0.29	0.071	
91-20-3	Naphthalene	<0.53	2.1	0.53	<0.10	0.40	0.10	
87-68-3	Hexachlorobutadiene	<0.45	2.1	0.45	<0.042	0.20	0.042	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2002969
Client Project ID: **Tel Hashomer / KTE-47-20-Simi** ALS Sample ID: P200605-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/5/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.13	0.53	0.13	<0.076	0.31	0.076	
75-71-8	Dichlorodifluoromethane (CFC 12)	<0.087	0.53	0.087	<0.018	0.11	0.018	
74-87-3	Chloromethane	<0.086	0.53	0.086	<0.042	0.26	0.042	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.084	0.53	0.084	<0.012	0.076	0.012	
75-01-4	Vinyl Chloride	<0.057	0.54	0.057	<0.022	0.21	0.022	
106-99-0	1,3-Butadiene	<0.088	0.53	0.088	<0.040	0.24	0.040	
74-83-9	Bromomethane	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-00-3	Chloroethane	<0.066	0.54	0.066	<0.025	0.20	0.025	
64-17-5	Ethanol	<0.37	5.2	0.37	<0.20	2.8	0.20	
75-05-8	Acetonitrile	<0.13	0.53	0.13	<0.077	0.32	0.077	
107-02-8	Acrolein	<0.15	1.0	0.15	<0.065	0.44	0.065	
67-64-1	Acetone	<1.2	5.3	1.2	<0.51	2.2	0.51	
75-69-4	Trichlorofluoromethane (CFC 11)	<0.081	0.53	0.081	<0.014	0.094	0.014	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.22	2.1	0.22	<0.090	0.85	0.090	
107-13-1	Acrylonitrile	<0.11	0.53	0.11	<0.051	0.24	0.051	
75-35-4	1,1-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-09-2	Methylene Chloride	<0.15	0.53	0.15	<0.043	0.15	0.043	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.072	0.54	0.072	<0.023	0.17	0.023	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.076	0.54	0.076	<0.0099	0.070	0.0099	
75-15-0	Carbon Disulfide	<0.16	1.1	0.16	<0.051	0.35	0.051	
156-60-5	trans-1,2-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-34-3	1,1-Dichloroethane	<0.078	0.55	0.078	<0.019	0.14	0.019	
1634-04-4	Methyl tert-Butyl Ether	<0.063	0.54	0.063	<0.017	0.15	0.017	
108-05-4	Vinyl Acetate	<1.2	5.4	1.2	<0.34	1.5	0.34	
78-93-3	2-Butanone (MEK)	<0.11	1.1	0.11	<0.037	0.37	0.037	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2002969

Client Project ID: **Tel Hashomer / KTE-47-20-Simi** ALS Sample ID: P200605-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA

Analyst: Wida Ang Date Analyzed: 6/5/20

Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.075	0.53	0.075	<0.019	0.13	0.019	
141-78-6	Ethyl Acetate	<0.28	1.1	0.28	<0.078	0.31	0.078	
110-54-3	n-Hexane	<0.11	0.54	0.11	<0.031	0.15	0.031	
67-66-3	Chloroform	<0.071	0.54	0.071	<0.015	0.11	0.015	
109-99-9	Tetrahydrofuran (THF)	<0.067	0.55	0.067	<0.023	0.19	0.023	
107-06-2	1,2-Dichloroethane	<0.059	0.54	0.059	<0.015	0.13	0.015	
71-55-6	1,1,1-Trichloroethane	<0.066	0.54	0.066	<0.012	0.099	0.012	
71-43-2	Benzene	<0.077	0.53	0.077	<0.024	0.17	0.024	
56-23-5	Carbon Tetrachloride	<0.074	0.53	0.074	<0.012	0.084	0.012	
110-82-7	Cyclohexane	<0.15	1.1	0.15	<0.044	0.32	0.044	
78-87-5	1,2-Dichloropropane	<0.066	0.54	0.066	<0.014	0.12	0.014	
75-27-4	Bromodichloromethane	<0.077	0.54	0.077	<0.011	0.081	0.011	
79-01-6	Trichloroethene	<0.072	0.54	0.072	<0.013	0.10	0.013	
123-91-1	1,4-Dioxane	<0.063	0.54	0.063	<0.017	0.15	0.017	
80-62-6	Methyl Methacrylate	<0.19	1.1	0.19	<0.046	0.27	0.046	
142-82-5	n-Heptane	<0.085	0.54	0.085	<0.021	0.13	0.021	
10061-01-5	cis-1,3-Dichloropropene	<0.083	0.52	0.083	<0.018	0.11	0.018	
108-10-1	4-Methyl-2-pentanone	<0.073	0.53	0.073	<0.018	0.13	0.018	
10061-02-6	trans-1,3-Dichloropropene	<0.11	0.53	0.11	<0.024	0.12	0.024	
79-00-5	1,1,2-Trichloroethane	<0.054	0.54	0.054	<0.0099	0.099	0.0099	
108-88-3	Toluene	<0.065	0.54	0.065	<0.017	0.14	0.017	
591-78-6	2-Hexanone	<0.066	0.54	0.066	<0.016	0.13	0.016	
124-48-1	Dibromochloromethane	<0.070	0.54	0.070	<0.0082	0.063	0.0082	
106-93-4	1,2-Dibromoethane	<0.062	0.54	0.062	<0.0081	0.070	0.0081	
123-86-4	n-Butyl Acetate	<0.073	0.55	0.073	<0.015	0.12	0.015	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2002969

Client Project ID: **Tel Hashomer / KTE-47-20-Simi** ALS Sample ID: P200605-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA

Analyst: Wida Ang Date Analyzed: 6/5/20

Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.12	0.54	0.12	<0.026	0.12	0.026	
127-18-4	Tetrachloroethene	<0.069	0.52	0.069	<0.010	0.077	0.010	
108-90-7	Chlorobenzene	<0.071	0.54	0.071	<0.015	0.12	0.015	
100-41-4	Ethylbenzene	<0.075	0.54	0.075	<0.017	0.12	0.017	
179601-23-1	m,p-Xylenes	<0.14	1.1	0.14	<0.032	0.25	0.032	
75-25-2	Bromoform	<0.11	0.54	0.11	<0.011	0.052	0.011	
100-42-5	Styrene	<0.086	0.53	0.086	<0.020	0.12	0.020	
95-47-6	o-Xylene	<0.077	0.54	0.077	<0.018	0.12	0.018	
111-84-2	n-Nonane	<0.089	0.54	0.089	<0.017	0.10	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	<0.074	0.54	0.074	<0.011	0.079	0.011	
98-82-8	Cumene	<0.077	0.54	0.077	<0.016	0.11	0.016	
80-56-8	alpha-Pinene	<0.082	0.54	0.082	<0.015	0.097	0.015	
103-65-1	n-Propylbenzene	<0.077	0.54	0.077	<0.016	0.11	0.016	
622-96-8	4-Ethyltoluene	<0.085	0.54	0.085	<0.017	0.11	0.017	
108-67-8	1,3,5-Trimethylbenzene	<0.077	0.53	0.077	<0.016	0.11	0.016	
95-63-6	1,2,4-Trimethylbenzene	<0.074	0.54	0.074	<0.015	0.11	0.015	
100-44-7	Benzyl Chloride	<0.12	1.1	0.12	<0.023	0.21	0.023	
541-73-1	1,3-Dichlorobenzene	<0.080	0.54	0.080	<0.013	0.090	0.013	
106-46-7	1,4-Dichlorobenzene	<0.082	0.54	0.082	<0.014	0.090	0.014	
95-50-1	1,2-Dichlorobenzene	<0.079	0.54	0.079	<0.013	0.090	0.013	
5989-27-5	d-Limonene	<0.11	0.54	0.11	<0.020	0.097	0.020	
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.53	0.10	<0.010	0.055	0.010	
120-82-1	1,2,4-Trichlorobenzene	<0.13	0.54	0.13	<0.018	0.073	0.018	
91-20-3	Naphthalene	<0.13	0.52	0.13	<0.025	0.099	0.025	
87-68-3	Hexachlorobutadiene	<0.11	0.53	0.11	<0.010	0.050	0.010	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2002969
Client Project ID: **Tel Hashomer / KTE-47-20-Simi** ALS Sample ID: P200608-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/8/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.13	0.53	0.13	<0.076	0.31	0.076	
75-71-8	Dichlorodifluoromethane (CFC 12)	<0.087	0.53	0.087	<0.018	0.11	0.018	
74-87-3	Chloromethane	<0.086	0.53	0.086	<0.042	0.26	0.042	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.084	0.53	0.084	<0.012	0.076	0.012	
75-01-4	Vinyl Chloride	<0.057	0.54	0.057	<0.022	0.21	0.022	
106-99-0	1,3-Butadiene	<0.088	0.53	0.088	<0.040	0.24	0.040	
74-83-9	Bromomethane	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-00-3	Chloroethane	<0.066	0.54	0.066	<0.025	0.20	0.025	
64-17-5	Ethanol	<0.37	5.2	0.37	<0.20	2.8	0.20	
75-05-8	Acetonitrile	<0.13	0.53	0.13	<0.077	0.32	0.077	
107-02-8	Acrolein	<0.15	1.0	0.15	<0.065	0.44	0.065	
67-64-1	Acetone	<1.2	5.3	1.2	<0.51	2.2	0.51	
75-69-4	Trichlorofluoromethane (CFC 11)	<0.081	0.53	0.081	<0.014	0.094	0.014	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.22	2.1	0.22	<0.090	0.85	0.090	
107-13-1	Acrylonitrile	<0.11	0.53	0.11	<0.051	0.24	0.051	
75-35-4	1,1-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-09-2	Methylene Chloride	<0.15	0.53	0.15	<0.043	0.15	0.043	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.072	0.54	0.072	<0.023	0.17	0.023	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.076	0.54	0.076	<0.0099	0.070	0.0099	
75-15-0	Carbon Disulfide	<0.16	1.1	0.16	<0.051	0.35	0.051	
156-60-5	trans-1,2-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-34-3	1,1-Dichloroethane	<0.078	0.55	0.078	<0.019	0.14	0.019	
1634-04-4	Methyl tert-Butyl Ether	<0.063	0.54	0.063	<0.017	0.15	0.017	
108-05-4	Vinyl Acetate	<1.2	5.4	1.2	<0.34	1.5	0.34	
78-93-3	2-Butanone (MEK)	<0.11	1.1	0.11	<0.037	0.37	0.037	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2002969

Client Project ID: **Tel Hashomer / KTE-47-20-Simi** ALS Sample ID: P200608-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA

Analyst: Wida Ang Date Analyzed: 6/8/20

Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.075	0.53	0.075	<0.019	0.13	0.019	
141-78-6	Ethyl Acetate	<0.28	1.1	0.28	<0.078	0.31	0.078	
110-54-3	n-Hexane	<0.11	0.54	0.11	<0.031	0.15	0.031	
67-66-3	Chloroform	<0.071	0.54	0.071	<0.015	0.11	0.015	
109-99-9	Tetrahydrofuran (THF)	<0.067	0.55	0.067	<0.023	0.19	0.023	
107-06-2	1,2-Dichloroethane	<0.059	0.54	0.059	<0.015	0.13	0.015	
71-55-6	1,1,1-Trichloroethane	<0.066	0.54	0.066	<0.012	0.099	0.012	
71-43-2	Benzene	<0.077	0.53	0.077	<0.024	0.17	0.024	
56-23-5	Carbon Tetrachloride	<0.074	0.53	0.074	<0.012	0.084	0.012	
110-82-7	Cyclohexane	<0.15	1.1	0.15	<0.044	0.32	0.044	
78-87-5	1,2-Dichloropropane	<0.066	0.54	0.066	<0.014	0.12	0.014	
75-27-4	Bromodichloromethane	<0.077	0.54	0.077	<0.011	0.081	0.011	
79-01-6	Trichloroethene	<0.072	0.54	0.072	<0.013	0.10	0.013	
123-91-1	1,4-Dioxane	<0.063	0.54	0.063	<0.017	0.15	0.017	
80-62-6	Methyl Methacrylate	<0.19	1.1	0.19	<0.046	0.27	0.046	
142-82-5	n-Heptane	<0.085	0.54	0.085	<0.021	0.13	0.021	
10061-01-5	cis-1,3-Dichloropropene	<0.083	0.52	0.083	<0.018	0.11	0.018	
108-10-1	4-Methyl-2-pentanone	<0.073	0.53	0.073	<0.018	0.13	0.018	
10061-02-6	trans-1,3-Dichloropropene	<0.11	0.53	0.11	<0.024	0.12	0.024	
79-00-5	1,1,2-Trichloroethane	<0.054	0.54	0.054	<0.0099	0.099	0.0099	
108-88-3	Toluene	<0.065	0.54	0.065	<0.017	0.14	0.017	
591-78-6	2-Hexanone	<0.066	0.54	0.066	<0.016	0.13	0.016	
124-48-1	Dibromochloromethane	<0.070	0.54	0.070	<0.0082	0.063	0.0082	
106-93-4	1,2-Dibromoethane	<0.062	0.54	0.062	<0.0081	0.070	0.0081	
123-86-4	n-Butyl Acetate	<0.073	0.55	0.073	<0.015	0.12	0.015	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2002969

Client Project ID: **Tel Hashomer / KTE-47-20-Simi** ALS Sample ID: P200608-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA

Analyst: Wida Ang Date Analyzed: 6/8/20

Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.12	0.54	0.12	<0.026	0.12	0.026	
127-18-4	Tetrachloroethene	<0.069	0.52	0.069	<0.010	0.077	0.010	
108-90-7	Chlorobenzene	<0.071	0.54	0.071	<0.015	0.12	0.015	
100-41-4	Ethylbenzene	<0.075	0.54	0.075	<0.017	0.12	0.017	
179601-23-1	m,p-Xylenes	<0.14	1.1	0.14	<0.032	0.25	0.032	
75-25-2	Bromoform	<0.11	0.54	0.11	<0.011	0.052	0.011	
100-42-5	Styrene	<0.086	0.53	0.086	<0.020	0.12	0.020	
95-47-6	o-Xylene	<0.077	0.54	0.077	<0.018	0.12	0.018	
111-84-2	n-Nonane	<0.089	0.54	0.089	<0.017	0.10	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	<0.074	0.54	0.074	<0.011	0.079	0.011	
98-82-8	Cumene	<0.077	0.54	0.077	<0.016	0.11	0.016	
80-56-8	alpha-Pinene	<0.082	0.54	0.082	<0.015	0.097	0.015	
103-65-1	n-Propylbenzene	<0.077	0.54	0.077	<0.016	0.11	0.016	
622-96-8	4-Ethyltoluene	<0.085	0.54	0.085	<0.017	0.11	0.017	
108-67-8	1,3,5-Trimethylbenzene	<0.077	0.53	0.077	<0.016	0.11	0.016	
95-63-6	1,2,4-Trimethylbenzene	<0.074	0.54	0.074	<0.015	0.11	0.015	
100-44-7	Benzyl Chloride	<0.12	1.1	0.12	<0.023	0.21	0.023	
541-73-1	1,3-Dichlorobenzene	<0.080	0.54	0.080	<0.013	0.090	0.013	
106-46-7	1,4-Dichlorobenzene	<0.082	0.54	0.082	<0.014	0.090	0.014	
95-50-1	1,2-Dichlorobenzene	<0.079	0.54	0.079	<0.013	0.090	0.013	
5989-27-5	d-Limonene	<0.11	0.54	0.11	<0.020	0.097	0.020	
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.53	0.10	<0.010	0.055	0.010	
120-82-1	1,2,4-Trichlorobenzene	<0.13	0.54	0.13	<0.018	0.073	0.018	**V**
91-20-3	Naphthalene	<0.13	0.52	0.13	<0.025	0.099	0.025	
87-68-3	Hexachlorobutadiene	<0.11	0.53	0.11	<0.010	0.050	0.010	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Project ID: **Tel Hashomer / KTE-47-20-Simi** ALS Project ID: P2002969

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date(s) Collected: 5/25/20
Analyst: Wida Ang Date(s) Received: 5/28/20
Sample Type: 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 6/5 - 6/8/20
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P200605-MB	**114**	**95**	**86**	70-130	
Method Blank	P200608-MB	**115**	**93**	**88**	70-130	
Lab Control Sample	P200605-LCS	**105**	**96**	**95**	70-130	
Lab Control Sample	P200608-LCS	**112**	**93**	**89**	70-130	
SG-138	P2002969-001	**115**	**93**	**88**	70-130	
SG-91	P2002969-002	**112**	**94**	**87**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2002969
Client Project ID: **Tel Hashomer / KTE-47-20-Simi** ALS Sample ID: P200605-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/5/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
115-07-1	Propene	210	**213**	**101**	51-133	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**197**	**94**	64-115	
74-87-3	Chloromethane	212	**235**	**111**	49-127	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	206	**185**	**90**	65-114	
75-01-4	Vinyl Chloride	212	**222**	**105**	61-129	
106-99-0	1,3-Butadiene	212	**246**	**116**	54-140	
74-83-9	Bromomethane	212	**201**	**95**	68-120	
75-00-3	Chloroethane	214	**205**	**96**	63-123	
64-17-5	Ethanol	1,060	**1010**	**95**	49-134	
75-05-8	Acetonitrile	214	**202**	**94**	50-137	
107-02-8	Acrolein	206	**208**	**101**	62-128	
67-64-1	Acetone	1,070	**1030**	**96**	56-125	
75-69-4	Trichlorofluoromethane (CFC 11)	212	**194**	**92**	64-115	
67-63-0	2-Propanol (Isopropyl Alcohol)	422	**433**	**103**	57-133	
107-13-1	Acrylonitrile	212	**231**	**109**	64-136	
75-35-4	1,1-Dichloroethene	214	**210**	**98**	67-115	
75-09-2	Methylene Chloride	210	**195**	**93**	68-114	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	214	**205**	**96**	55-139	
76-13-1	Trichlorotrifluoroethane (CFC 113)	216	**188**	**87**	65-115	
75-15-0	Carbon Disulfide	212	**185**	**87**	68-113	
156-60-5	trans-1,2-Dichloroethene	214	**217**	**101**	65-122	
75-34-3	1,1-Dichloroethane	212	**197**	**93**	63-118	
1634-04-4	Methyl tert-Butyl Ether	214	**264**	**123**	57-131	
108-05-4	Vinyl Acetate	1,070	**936**	**87**	71-128	
78-93-3	2-Butanone (MEK)	212	**207**	**98**	67-123	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2002969
Client Project ID: **Tel Hashomer / KTE-47-20-Simi** ALS Sample ID: P200605-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/5/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	212	**208**	**98**	64-120	
141-78-6	Ethyl Acetate	432	**459**	**106**	64-131	
110-54-3	n-Hexane	216	**212**	**98**	58-125	
67-66-3	Chloroform	214	**200**	**93**	65-114	
109-99-9	Tetrahydrofuran (THF)	220	**210**	**95**	65-115	
107-06-2	1,2-Dichloroethane	214	**204**	**95**	59-119	
71-55-6	1,1,1-Trichloroethane	214	**205**	**96**	66-115	
71-43-2	Benzene	210	**192**	**91**	66-109	
56-23-5	Carbon Tetrachloride	208	**193**	**93**	66-119	
110-82-7	Cyclohexane	422	**401**	**95**	67-117	
78-87-5	1,2-Dichloropropane	214	**203**	**95**	66-119	
75-27-4	Bromodichloromethane	218	**205**	**94**	71-119	
79-01-6	Trichloroethene	216	**192**	**89**	70-114	
123-91-1	1,4-Dioxane	216	**212**	**98**	71-117	
80-62-6	Methyl Methacrylate	430	**408**	**95**	76-121	
142-82-5	n-Heptane	214	**208**	**97**	66-119	
10061-01-5	cis-1,3-Dichloropropene	214	**225**	**105**	72-125	
108-10-1	4-Methyl-2-pentanone	212	**212**	**100**	68-130	
10061-02-6	trans-1,3-Dichloropropene	212	**215**	**101**	71-132	
79-00-5	1,1,2-Trichloroethane	214	**198**	**93**	70-117	
108-88-3	Toluene	212	**187**	**88**	67-113	
591-78-6	2-Hexanone	216	**221**	**102**	62-135	
124-48-1	Dibromochloromethane	214	**196**	**92**	73-126	
106-93-4	1,2-Dibromoethane	214	**196**	**92**	71-122	
123-86-4	n-Butyl Acetate	218	**232**	**106**	65-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2002969
Client Project ID: **Tel Hashomer / KTE-47-20-Simi** ALS Sample ID: P200605-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/5/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
111-65-9	n-Octane	216	**209**	**97**	63-120	
127-18-4	Tetrachloroethene	208	**175**	**84**	64-120	
108-90-7	Chlorobenzene	214	**181**	**85**	65-116	
100-41-4	Ethylbenzene	212	**199**	**94**	65-117	
179601-23-1	m,p-Xylenes	426	**397**	**93**	64-121	
75-25-2	Bromoform	214	**208**	**97**	72-130	
100-42-5	Styrene	212	**208**	**98**	72-126	
95-47-6	o-Xylene	214	**199**	**93**	64-120	
111-84-2	n-Nonane	214	**220**	**103**	56-132	
79-34-5	1,1,2,2-Tetrachloroethane	214	**203**	**95**	66-122	
98-82-8	Cumene	214	**195**	**91**	64-121	
80-56-8	alpha-Pinene	212	**199**	**94**	62-136	
103-65-1	n-Propylbenzene	214	**200**	**93**	65-123	
622-96-8	4-Ethyltoluene	210	**194**	**92**	71-126	
108-67-8	1,3,5-Trimethylbenzene	212	**195**	**92**	65-120	
95-63-6	1,2,4-Trimethylbenzene	212	**211**	**100**	63-129	
100-44-7	Benzyl Chloride	214	**204**	**95**	66-138	
541-73-1	1,3-Dichlorobenzene	214	**182**	**85**	65-127	
106-46-7	1,4-Dichlorobenzene	214	**175**	**82**	65-125	
95-50-1	1,2-Dichlorobenzene	214	**190**	**89**	67-128	
5989-27-5	d-Limonene	212	**225**	**106**	65-136	
96-12-8	1,2-Dibromo-3-chloropropane	214	**196**	**92**	73-133	
120-82-1	1,2,4-Trichlorobenzene	216	**178**	**82**	62-140	
91-20-3	Naphthalene	212	**188**	**89**	57-149	
87-68-3	Hexachlorobutadiene	214	**178**	**83**	57-129	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2002969
Client Project ID: **Tel Hashomer / KTE-47-20-Simi** ALS Sample ID: P200608-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/8/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
115-07-1	Propene	210	**221**	**105**	51-133	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**199**	**95**	64-115	
74-87-3	Chloromethane	212	**241**	**114**	49-127	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	206	**180**	**87**	65-114	
75-01-4	Vinyl Chloride	212	**227**	**107**	61-129	
106-99-0	1,3-Butadiene	212	**248**	**117**	54-140	
74-83-9	Bromomethane	212	**198**	**93**	68-120	
75-00-3	Chloroethane	214	**207**	**97**	63-123	
64-17-5	Ethanol	1,060	**1040**	**98**	49-134	
75-05-8	Acetonitrile	214	**207**	**97**	50-137	
107-02-8	Acrolein	206	**208**	**101**	62-128	
67-64-1	Acetone	1,070	**1050**	**98**	56-125	
75-69-4	Trichlorofluoromethane (CFC 11)	212	**194**	**92**	64-115	
67-63-0	2-Propanol (Isopropyl Alcohol)	422	**443**	**105**	57-133	
107-13-1	Acrylonitrile	212	**234**	**110**	64-136	
75-35-4	1,1-Dichloroethene	214	**207**	**97**	67-115	
75-09-2	Methylene Chloride	210	**196**	**93**	68-114	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	214	**209**	**98**	55-139	
76-13-1	Trichlorotrifluoroethane (CFC 113)	216	**185**	**86**	65-115	
75-15-0	Carbon Disulfide	212	**184**	**87**	68-113	
156-60-5	trans-1,2-Dichloroethene	214	**221**	**103**	65-122	
75-34-3	1,1-Dichloroethane	212	**201**	**95**	63-118	
1634-04-4	Methyl tert-Butyl Ether	214	**274**	**128**	57-131	
108-05-4	Vinyl Acetate	1,070	**916**	**86**	71-128	
78-93-3	2-Butanone (MEK)	212	**209**	**99**	67-123	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2002969
Client Project ID: **Tel Hashomer / KTE-47-20-Simi** ALS Sample ID: P200608-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/8/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	212	**214**	**101**	64-120	
141-78-6	Ethyl Acetate	432	**465**	**108**	64-131	
110-54-3	n-Hexane	216	**218**	**101**	58-125	
67-66-3	Chloroform	214	**202**	**94**	65-114	
109-99-9	Tetrahydrofuran (THF)	220	**214**	**97**	65-115	
107-06-2	1,2-Dichloroethane	214	**215**	**100**	59-119	
71-55-6	1,1,1-Trichloroethane	214	**216**	**101**	66-115	
71-43-2	Benzene	210	**198**	**94**	66-109	
56-23-5	Carbon Tetrachloride	208	**199**	**96**	66-119	
110-82-7	Cyclohexane	422	**416**	**99**	67-117	
78-87-5	1,2-Dichloropropane	214	**216**	**101**	66-119	
75-27-4	Bromodichloromethane	218	**215**	**99**	71-119	
79-01-6	Trichloroethene	216	**188**	**87**	70-114	
123-91-1	1,4-Dioxane	216	**219**	**101**	71-117	
80-62-6	Methyl Methacrylate	430	**407**	**95**	76-121	
142-82-5	n-Heptane	214	**216**	**101**	66-119	
10061-01-5	cis-1,3-Dichloropropene	214	**236**	**110**	72-125	
108-10-1	4-Methyl-2-pentanone	212	**228**	**108**	68-130	
10061-02-6	trans-1,3-Dichloropropene	212	**227**	**107**	71-132	
79-00-5	1,1,2-Trichloroethane	214	**204**	**95**	70-117	
108-88-3	Toluene	212	**176**	**83**	67-113	
591-78-6	2-Hexanone	216	**224**	**104**	62-135	
124-48-1	Dibromochloromethane	214	**184**	**86**	73-126	
106-93-4	1,2-Dibromoethane	214	**186**	**87**	71-122	
123-86-4	n-Butyl Acetate	218	**234**	**107**	65-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2002969
Client Project ID: **Tel Hashomer / KTE-47-20-Simi** ALS Sample ID: P200608-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/8/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
111-65-9	n-Octane	216	**205**	**95**	63-120	
127-18-4	Tetrachloroethene	208	**155**	**75**	64-120	
108-90-7	Chlorobenzene	214	**166**	**78**	65-116	
100-41-4	Ethylbenzene	212	**188**	**89**	65-117	
179601-23-1	m,p-Xylenes	426	**374**	**88**	64-121	
75-25-2	Bromoform	214	**184**	**86**	72-130	
100-42-5	Styrene	212	**192**	**91**	72-126	
95-47-6	o-Xylene	214	**188**	**88**	64-120	
111-84-2	n-Nonane	214	**236**	**110**	56-132	
79-34-5	1,1,2,2-Tetrachloroethane	214	**192**	**90**	66-122	
98-82-8	Cumene	214	**180**	**84**	64-121	
80-56-8	alpha-Pinene	212	**186**	**88**	62-136	
103-65-1	n-Propylbenzene	214	**189**	**88**	65-123	
622-96-8	4-Ethyltoluene	210	**178**	**85**	71-126	
108-67-8	1,3,5-Trimethylbenzene	212	**182**	**86**	65-120	
95-63-6	1,2,4-Trimethylbenzene	212	**201**	**95**	63-129	
100-44-7	Benzyl Chloride	214	**190**	**89**	66-138	
541-73-1	1,3-Dichlorobenzene	214	**164**	**77**	65-127	
106-46-7	1,4-Dichlorobenzene	214	**155**	**72**	65-125	
95-50-1	1,2-Dichlorobenzene	214	**171**	**80**	67-128	
5989-27-5	d-Limonene	212	**220**	**104**	65-136	
96-12-8	1,2-Dibromo-3-chloropropane	214	**174**	**81**	73-133	
120-82-1	1,2,4-Trichlorobenzene	216	**155**	**72**	62-140	
91-20-3	Naphthalene	212	**167**	**79**	57-149	
87-68-3	Hexachlorobutadiene	214	**149**	**70**	57-129	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Response Factor Report MS13

Method Path : I:\MS13\METHODS\
Method File : R13051120.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
Last Update : Mon May 11 18:45:35 2020
Response Via : Initial Calibration

Calibration Files
0.1 =05112010.D 0.2 =05112011.D 0.5 =05112012.D 1.0 =05112013.D 5.0 =05112014.D 25 =05112015.D 50 =05112016.D
100 =05112017.D

		Compound	0.1	0.2	0.5	1.0	5.0	25	50	100	Avg	%RSD
1)	IR	Bromochloromethane...	----------	----------	ISTD	----------	----------	----------	----------	----------		
2)	T	Propene	1.934	1.664	1.926	1.779	1.954	1.763	1.797	1.818	1.829	5.52
3)	T	Dichlorodifluo...	2.839	2.630	2.729	2.672	2.716	2.447	2.422	2.118	2.572	8.99
4)	T	Chloromethane	2.165	2.075	2.313	2.396	2.041	2.107	1.938	1.144	2.022	18.99
5)	T	1,2-Dichloro-1...	1.439	1.339	1.458	1.398	1.383	1.291	1.320	1.204	1.354	6.16
6)	T	Vinyl Chloride	2.052	1.909	2.331	2.217	2.201	2.050	2.162	1.793	2.089	8.40
7)	T	1,3-Butadiene	1.670	1.683	1.709	1.788	1.688	1.573	1.629	1.351	1.636	7.99
8)	T	Bromomethane	0.975	1.099	1.286	1.222	1.241	1.159	1.185	1.017	1.148	9.54
9)	T	Chloroethane	1.016	1.088	1.166	1.076	1.186	1.007	1.078	0.901	1.065	8.57
10)	T	Ethanol	1.472	1.371	1.355	1.479	1.095	0.954	1.038	0.875	1.205	20.05
11)	T	Acetonitrile	3.620	3.494	3.421	3.737	3.355	2.807	3.156	2.852	3.305	10.31
12)	T	Acrolein	0.769	0.827	0.975	0.992	1.005	0.865	0.944	0.875	0.907	9.43
13)	T	Acetone		1.398	1.291	1.189	1.206	0.987	1.018	0.867	1.137	16.41
14)	T	Trichlorofluor...	2.187	2.239	2.290	2.142	2.182	1.907	1.984	1.846	2.097	7.78
15)	T	2-Propanol (Is...	4.372	3.988	3.980	3.825	4.093	3.536	3.728	2.756	3.785	12.80
16)	T	Acrylonitrile	1.312	1.625	1.937	1.957	2.185	1.911	2.082	1.990	1.875	14.86
17)	T	1,1-Dichloroet...	1.117	1.083	1.272	1.220	1.289	1.184	1.234	1.199	1.200	5.94
18)	T	2-Methyl-2-Pro...	2.397	2.376	2.707	2.662	2.870	2.711	2.906	2.720	2.669	7.25
19)	T	Methylene Chlo...	1.453	1.392	1.440	1.380	1.432	1.290	1.348	1.287	1.378	4.72
20)	T	3-Chloro-1-pro...	2.608	2.481	2.750	2.609	2.665	2.691	2.474	2.301	2.572	5.65
21)	T	Trichlorotrifl...	1.186	1.118	1.169	1.117	1.143	1.107	1.097	1.084	1.128	3.15
22)	T	Carbon Disulfide		6.726	6.033	5.454	5.211	5.016	4.878	4.629	5.421	13.49
23)	T	trans-1,2-Dich...	1.682	1.760	1.926	1.873	2.034	1.997	1.956	1.861	1.886	6.30
24)	T	1,1-Dichloroet...	2.523	2.432	2.623	2.520	2.551	2.444	2.375	2.229	2.462	4.95
25)	T	Methyl tert-Bu...	2.745	2.750	3.067	3.030	3.231	3.211	3.230	3.178	3.055	6.67
26)	T	Vinyl Acetate			0.316	0.313	0.344	0.341	0.330	0.300	0.324	5.33
27)	T	2-Butanone (MEK)			0.891	0.919	1.008	0.996	0.977	0.931	0.954	4.87
28)	T	cis-1,2-Dichlo...	1.819	1.753	1.960	1.882	1.941	1.911	1.859	1.757	1.860	4.23
29)	T	Diisopropyl Ether	1.052	1.102	1.316	1.277	1.333	1.117	1.067	0.955	1.152	12.07
30)	T	Ethyl Acetate		0.421	0.527	0.518	0.571	0.541	0.507	0.444	0.504	10.56
31)	T	n-Hexane	2.535	2.480	2.659	2.517	2.632	2.428	2.259	1.968	2.435	9.27
32)	T	Chloroform	2.217	2.152	2.342	2.181	2.220	2.141	2.097	2.002	2.169	4.58
33)	S	1,2-Dichloroet...	1.589	1.579	1.570	1.573	1.580	1.550	1.544	1.515	1.562	1.56
34)	T	Tetrahydrofura...	0.840	0.853	0.958	0.915	0.962	0.931	0.916	0.877	0.907	5.04
35)	T	Ethyl tert-But...	0.964	1.047	1.280	1.234	1.283	1.265	1.235	1.180	1.186	9.97
36)	T	1,2-Dichloroet...	1.750	1.622	1.687	1.630	1.674	1.614	1.562	1.475	1.627	5.12
37)	IR	1,4-Difluorobenzen...	----------	----------	ISTD	----------	----------	----------	----------	----------		
38)	T	1,1,1-Trichlor...	0.406	0.395	0.419	0.398	0.412	0.406	0.395	0.376	0.401	3.29
39)	T	Isopropyl Acetate	0.163	0.175	0.201	0.197	0.216	0.210	0.199	0.178	0.192	9.45
40)	T	1-Butanol			0.228	0.251	0.307	0.339	0.326	0.290	0.290	14.82
41)	T	Benzene	1.387	1.280	1.340	1.256	1.269	1.224	1.172	1.035	1.245	8.62
42)	T	Carbon Tetrach...	0.361	0.356	0.383	0.361	0.369	0.372	0.361	0.346	0.364	3.05

Method Path : I:\MS13\METHODS\
Method File : R13051120.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)

43)	T	Cyclohexane	0.460	0.445	0.492	0.472	0.481	0.469	0.448	0.407	0.459	5.74
44)	T	tert-Amyl Meth...	0.672	0.654	0.720	0.681	0.709	0.707	0.680	0.631	0.682	4.38
45)	T	1,2-Dichloropr...	0.323	0.323	0.338	0.321	0.326	0.320	0.308	0.289	0.319	4.58
46)	T	Bromodichlorom...	0.351	0.353	0.393	0.359	0.381	0.380	0.370	0.352	0.367	4.33
47)	T	Trichloroethene	0.321	0.279	0.300	0.289	0.307	0.308	0.304	0.295	0.300	4.25
48)	T	1,4-Dioxane	0.193	0.193	0.232	0.230	0.250	0.251	0.248	0.238	0.229	10.33
49)	T	2,2,4-Trimethy...	1.341	1.256	1.423	1.307	1.313	1.271	1.209	1.088	1.276	7.74
50)	T	Methyl Methacr...			0.098	0.109	0.122	0.124	0.122	0.116	0.115	8.67
51)	T	n-Heptane	0.279	0.295	0.337	0.320	0.328	0.321	0.311	0.289	0.310	6.57
52)	T	cis-1,3-Dichlo...	0.355	0.410	0.450	0.452	0.500	0.513	0.501	0.470	0.456	11.62
53)	T	4-Methyl-2-pen...			0.256	0.274	0.311	0.315	0.304	0.282	0.290	8.06
54)	T	trans-1,3-Dich...		0.289	0.371	0.380	0.439	0.457	0.445	0.420	0.400	14.68
55)	T	1,1,2-Trichlor...	0.265	0.252	0.285	0.274	0.282	0.279	0.274	0.262	0.272	4.10
56)	IR	Chlorobenzene-d5 (...	----------	ISTD	----------							
57)	S	Toluene-d8 (SS2)	2.431	2.448	2.424	2.418	2.423	2.421	2.401	2.390	2.420	0.73
58)	T	Toluene	2.687	2.552	2.639	2.501	2.555	2.473	2.386	2.178	2.496	6.38
59)	T	2-Hexanone		1.024	1.253	1.357	1.566	1.567	1.497	1.355	1.374	14.15
60)	T	Dibromochlorom...	0.571	0.583	0.615	0.595	0.650	0.660	0.653	0.629	0.620	5.49
61)	T	1,2-Dibromoethane	0.506	0.521	0.597	0.587	0.638	0.639	0.629	0.600	0.589	8.66
62)	T	n-Butyl Acetate			1.257	1.413	1.711	1.736	1.672	1.507	1.549	12.30
63)	T	n-Octane	0.494	0.547	0.599	0.592	0.618	0.591	0.568	0.513	0.565	7.77
64)	T	Tetrachloroethene	0.683	0.667	0.714	0.676	0.678	0.682	0.675	0.663	0.680	2.28
65)	T	Chlorobenzene	1.797	1.676	1.706	1.602	1.634	1.604	1.560	1.452	1.629	6.30
66)	T	Ethylbenzene	2.656	2.580	2.715	2.645	2.818	2.774	2.663	2.395	2.656	4.89
67)	T	m- & p-Xylenes	2.070	2.027	2.190	2.123	2.158	2.131	2.048	1.820	2.071	5.59
68)	T	Bromoform	0.381	0.401	0.466	0.474	0.525	0.561	0.572	0.562	0.493	15.11
69)	T	Styrene	1.159	1.301	1.520	1.541	1.701	1.735	1.699	1.579	1.529	13.36
70)	T	o-Xylene	2.025	2.009	2.241	2.125	2.202	2.178	2.109	1.913	2.100	5.27
71)	T	n-Nonane	1.196	1.237	1.443	1.428	1.497	1.427	1.334	1.134	1.337	9.96
72)	T	1,1,2,2-Tetrac...	0.971	1.007	1.082	1.034	1.074	1.065	1.034	0.952	1.027	4.64
73)	S	Bromofluoroben...	0.663	0.662	0.668	0.671	0.682	0.689	0.684	0.705	0.678	2.17
74)	T	Cumene	2.690	2.657	2.752	2.663	2.794	2.721	2.608	2.332	2.652	5.35
75)	T	alpha-Pinene	1.273	1.283	1.368	1.353	1.486	1.441	1.390	1.250	1.356	6.15
76)	T	n-Propylbenzene	3.030	3.015	3.340	3.281	3.423	3.330	3.167	2.754	3.167	7.04
77)	T	3-Ethyltoluene	2.324	2.363	2.574	2.549	2.728	2.678	2.704	2.317	2.530	6.84
78)	T	4-Ethyltoluene	2.430	2.360	2.747	2.624	2.688	2.727	2.490	2.325	2.549	6.63
79)	T	1,3,5-Trimethy...	2.094	2.133	2.310	2.219	2.234	2.288	2.208	2.018	2.188	4.54
80)	T	alpha-Methylst...	0.884	0.932	1.089	1.103	1.211	1.212	1.190	1.112	1.092	11.35
81)	T	2-Ethyltoluene	2.439	2.484	2.727	2.607	2.678	2.684	2.575	2.313	2.563	5.55
82)	T	1,2,4-Trimethy...	1.741	1.872	2.169	2.134	2.230	2.334	2.222	1.916	2.077	10.02
83)	T	n-Decane	0.967	0.997	1.299	1.275	1.314	1.429	1.336	1.147	1.221	13.64
84)	T	Benzyl Chloride	1.345	1.394	1.661	1.650	1.863	2.097	2.056	1.873	1.743	16.09
85)	T	1,3-Dichlorobe...	1.289	1.242	1.277	1.217	1.279	1.376	1.359	1.293	1.292	4.14
86)	T	1,4-Dichlorobe...	1.385	1.253	1.276	1.225	1.273	1.370	1.365	1.305	1.307	4.60
87)	T	sec-Butylbenzene	2.837	2.895	3.087	2.993	3.127	3.118	2.956	2.607	2.953	5.92
88)	T	4-Isopropyltol...	2.283	2.334	2.685	2.618	2.786	2.842	2.647	2.168	2.545	9.81
89)	T	1,2,3-Trimethy...	1.820	1.891	2.238	2.129	2.213	2.362	2.250	1.924	2.103	9.45
90)	T	1,2-Dichlorobe...	1.167	1.177	1.245	1.169	1.231	1.323	1.306	1.190	1.226	5.02
91)	T	d-Limonene	0.683	0.769	0.886	0.920	1.000	0.981	0.925	0.781	0.868	12.92
92)	T	1,2-Dibromo-3-...	0.296	0.345	0.366	0.379	0.430	0.488	0.491	0.481	0.409	18.08
93)	T	n-Undecane			0.651	0.687	0.787	1.448	1.371	1.163	1.018	34.82
94)	T	1,2,4-Trichlor...			0.609	0.618	0.688	0.971	0.990	0.964	0.807	23.14

Method Path : I:\MS13\METHODS\
Method File : R13051120.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)

95)	T	Naphthalene			1.586	1.670	1.923	3.051	3.020	2.665	2.319	29.00
96)	T	n-Dodecane		0.148	0.135	0.156	0.215	1.266	1.210	1.006	0.591	91.30
97)	T	Hexachlorobuta...	0.552	0.562	0.571	0.537	0.566	0.615	0.633	0.635	0.584	6.53
98)	T	Cyclohexanone	0.711	0.765	0.839	0.868	0.978	1.001	0.979	0.901	0.880	12.00
99)	T	tert-Butylbenzene	1.980	2.075	2.230	2.151	2.253	2.254	2.120	1.813	2.110	7.24
100)	T	n-Butylbenzene	1.874	1.941	2.312	2.285	2.438	2.524	2.401	2.100	2.234	10.64

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : I:\MS13\DATA\2020 06\05\06052001.D Vial: 1
Acq On : 5 Jun 2020 13:30 Operator: WA
Sample : CCV R13060520 25ng Inst : MS13
Misc : S34-05112003/S34-05202004 (6/18)

Quant Time: Jun 05 14:46:07 2020
Quant Method : I:\MS13\METHODS\R13051120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Tue May 12 06:07:00 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

LH 6/5/20

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	94	0.00
2	T	Propene	1.829	2.131	-16.5	114	0.00
3	T	Dichlorodifluoromethane (CF	2.572	2.597	-1.0	100	0.00
4	T	Chloromethane	2.022	2.543	-25.8	114	0.00
5	T	1,2-Dichloro-1,1,2,2-tetraf	1.354	1.277	5.7	93	0.00
6	T	Vinyl Chloride	2.089	2.423	-16.0	111	0.00
7	T	1,3-Butadiene	1.636	2.030	-24.1	122	0.00
8	T	Bromomethane	1.148	1.211	-5.5	98	0.00
9	T	Chloroethane	1.065	1.153	-8.3	108	0.00
10	T	Ethanol	1.205	1.404	-16.5	139	0.00
11	T	Acetonitrile	3.305	3.696	-11.8	124	0.00
12	T	Acrolein	0.907	1.109	-22.3	121	0.00
13	T	Acetone	1.137	1.272	-11.9	121	0.00
14	T	Trichlorofluoromethane	2.097	2.124	-1.3	105	0.00
15	T	2-Propanol (Isopropanol)	3.785	4.698	-24.1	125	0.00
16	T	Acrylonitrile	1.875	2.372	-26.5	117	0.00
17	T	1,1-Dichloroethene	1.200	1.237	-3.1	98	0.00
18	T	2-Methyl-2-Propanol (tert-B	2.669	3.911	-46.5#	136	0.00
19	T	Methylene Chloride	1.378	1.389	-0.8	101	0.00
20	T	3-Chloro-1-propene (Allyl C	2.572	2.883	-12.1	101	0.00
21	T	Trichlorotrifluoroethane	1.128	1.018	9.8	87	0.00
22	T	Carbon Disulfide	5.421	5.127	5.4	96	0.00
23	T	trans-1,2-Dichloroethene	1.886	2.151	-14.1	101	0.00
24	T	1,1-Dichloroethane	2.462	2.596	-5.4	100	0.00
25	T	Methyl tert-Butyl Ether	3.055	4.141	-35.5#	121	0.00
26	T	Vinyl Acetate	0.324	0.355	-9.6	98	0.00
27	T	2-Butanone (MEK)	0.954	1.045	-9.5	99	0.00
28	T	cis-1,2-Dichloroethene	1.860	2.033	-9.3	100	0.00
29	T	Diisopropyl Ether	1.152	1.183	-2.7	100	0.00
30	T	Ethyl Acetate	0.504	0.598	-18.7	104	0.00
31	T	n-Hexane	2.435	2.724	-11.9	106	0.00
32	T	Chloroform	2.169	2.225	-2.6	98	0.00
33	S	1,2-Dichloroethane-d4(SS1)	1.562	1.741	-11.5	106	0.00
34	T	Tetrahydrofuran (THF)	0.907	0.966	-6.5	98	0.00
35	T	Ethyl tert-Butyl Ether	1.186	1.594	-34.4#	119	0.00
36	T	1,2-Dichloroethane	1.627	1.728	-6.2	101	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	96	0.00
38	T	1,1,1-Trichloroethane	0.401	0.399	0.5	94	0.00
39	T	Isopropyl Acetate	0.192	0.224	-16.7	102	0.00
40	T	1-Butanol	0.290	0.390	-34.5#	110	0.00
41	T	Benzene	1.245	1.231	1.1	96	0.00
42	T	Carbon Tetrachloride	0.364	0.367	-0.8	95	0.00
43	T	Cyclohexane	0.459	0.468	-2.0	95	0.00
44	T	tert-Amyl Methyl Ether	0.682	0.873	-28.0	118	0.00
45	T	1,2-Dichloropropane	0.319	0.326	-2.2	97	0.00
46	T	Bromodichloromethane	0.367	0.380	-3.5	96	0.00
47	T	Trichloroethene	0.300	0.282	6.0	88	0.00
48	T	1,4-Dioxane	0.229	0.246	-7.4	94	0.00
49	T	2,2,4-Trimethylpentane (Iso	1.276	1.441	-12.9	108	0.00
50	T	Methyl Methacrylate	0.115	0.119	-3.5	91	0.00
51	T	n-Heptane	0.310	0.328	-5.8	98	0.00
52	T	cis-1,3-Dichloropropene	0.456	0.529	-16.0	99	0.00
53	T	4-Methyl-2-pentanone	0.290	0.343	-18.3	104	0.00
54	T	trans-1,3-Dichloropropene	0.400	0.469	-17.2	98	0.00
55	T	1,1,2-Trichloroethane	0.272	0.272	0.0	93	0.00

Evaluate Continuing Calibration Report

Data File : I:\MS13\DATA\2020 06\05\06052001.D Vial: 1
Acq On : 5 Jun 2020 13:30 Operator: WA
Sample : CCV R13060520 25ng Inst : MS13
Misc : S34-05112003/S34-05202004 (6/18)

Quant Time: Jun 05 14:46:07 2020
Quant Method : I:\MS13\METHODS\R13051120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Tue May 12 06:07:00 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
56	IR	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	103	0.00
57	S	Toluene-d8 (SS2)	2.420	2.299	5.0	98	0.00
58	T	Toluene	2.496	2.290	8.3	95	0.00
59	T	2-Hexanone	1.374	1.676	-22.0	110	0.00
60	T	Dibromochloromethane	0.620	0.587	5.3	92	0.00
61	T	1,2-Dibromoethane	0.589	0.574	2.5	93	0.00
62	T	n-Butyl Acetate	1.549	1.772	-14.4	105	0.00
63	T	n-Octane	0.565	0.570	-0.9	99	0.00
64	T	Tetrachloroethene	0.680	0.577	15.1	87	0.00
65	T	Chlorobenzene	1.629	1.418	13.0	91	0.00
66	T	Ethylbenzene	2.656	2.586	2.6	96	0.00
67	T	m- & p-Xylenes	2.071	2.001	3.4	97	0.00
68	T	Bromoform	0.493	0.463	6.1	85	0.00
69	T	Styrene	1.529	1.574	-2.9	94	0.00
70	T	o-Xylene	2.100	2.038	3.0	96	0.00
71	T	n-Nonane	1.337	1.539	-15.1	111	0.00
72	T	1,1,2,2-Tetrachloroethane	1.027	0.993	3.3	96	0.00
73	S	Bromofluorobenzene (SS3)	0.678	0.591	12.8	88	0.00
74	T	Cumene	2.652	2.462	7.2	93	0.00
75	T	alpha-Pinene	1.356	1.358	-0.1	97	0.00
76	T	n-Propylbenzene	3.167	3.089	2.5	96	0.00
77	T	3-Ethyltoluene	2.530	2.418	4.4	93	0.00
78	T	4-Ethyltoluene	2.549	2.452	3.8	93	0.00
79	T	1,3,5-Trimethylbenzene	2.188	2.061	5.8	93	0.00
80	T	alpha-Methylstyrene	1.092	1.122	-2.7	95	0.00
81	T	2-Ethyltoluene	2.563	2.401	6.3	92	0.00
82	T	1,2,4-Trimethylbenzene	2.077	2.116	-1.9	93	0.00
83	T	n-Decane	1.221	1.438	-17.8	104	0.00
84	T	Benzyl Chloride	1.743	1.856	-6.5	91	0.00
85	T	1,3-Dichlorobenzene	1.292	1.132	12.4	85	0.00
86	T	1,4-Dichlorobenzene	1.307	1.111	15.0	84	0.00
87	T	sec-Butylbenzene	2.953	2.774	6.1	92	0.00
88	T	4-Isopropyltoluene (p-Cymen	2.545	2.511	1.3	91	0.00
89	T	1,2,3-Trimethylbenzene	2.103	2.161	-2.8	94	0.00
90	T	1,2-Dichlorobenzene	1.226	1.055	13.9	82	0.00
91	T	d-Limonene	0.868	1.027	-18.3	108	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.409	0.339	17.1	72	0.00
93	T	n-Undecane	1.018	1.501	-47.4#	107	0.00
94	T	1,2,4-Trichlorobenzene	0.807	0.597	26.0	63	0.00
95	T	Naphthalene	2.319	2.194	5.4	74	0.00
96	T	n-Dodecane	0.591	1.502	-154.1#	122	0.00
97	T	Hexachlorobutadiene	0.584	0.446	23.6	75	0.00
98	T	Cyclohexanone	0.880	1.050	-19.3	108	0.00
99	T	tert-Butylbenzene	2.110	2.012	4.6	92	0.00
100	T	n-Butylbenzene	2.234	2.271	-1.7	93	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : I:\MS13\DATA\2020 06\08\06082002.D Vial: 1
Acq On : 8 Jun 2020 6:09 Operator: WA
Sample : CCV R13060820 25ng Inst : MS13
Misc : S34-05112003/S34-05202004 (6/18)

Quant Time: Jun 08 07:46:27 2020
Quant Method : I:\MS13\METHODS\R13051120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Tue May 12 06:07:00 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

6/8/20

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	99	0.00
2	T	Propene	1.829	2.046	-11.9	114	0.00
3	T	Dichlorodifluoromethane (CF	2.572	2.512	2.3	101	0.00
4	T	Chloromethane	2.022	2.505	-23.9	117	0.00
5	T	1,2-Dichloro-1,1,2,2-tetraf	1.354	1.255	7.3	96	0.00
6	T	Vinyl Chloride	2.089	2.300	-10.1	111	0.00
7	T	1,3-Butadiene	1.636	1.969	-20.4	123	-0.01
8	T	Bromomethane	1.148	1.167	-1.7	99	0.00
9	T	Chloroethane	1.065	1.099	-3.2	108	0.00
10	T	Ethanol	1.205	1.331	-10.5	138	0.00
11	T	Acetonitrile	3.305	3.498	-5.8	123	0.00
12	T	Acrolein	0.907	1.050	-15.8	120	0.00
13	T	Acetone	1.137	1.176	-3.4	117	0.00
14	T	Trichlorofluoromethane	2.097	2.030	3.2	105	0.00
15	T	2-Propanol (Isopropanol)	3.785	4.457	-17.8	124	0.00
16	T	Acrylonitrile	1.875	2.306	-23.0	119	0.00
17	T	1,1-Dichloroethene	1.200	1.219	-1.6	101	0.00
18	T	2-Methyl-2-Propanol (tert-B	2.669	3.915	-46.7#	142	0.00
19	T	Methylene Chloride	1.378	1.359	1.4	104	0.00
20	T	3-Chloro-1-propene (Allyl C	2.572	2.866	-11.4	105	0.00
21	T	Trichlorotrifluoroethane	1.128	0.982	12.9	87	0.00
22	T	Carbon Disulfide	5.421	5.072	6.4	100	0.00
23	T	trans-1,2-Dichloroethene	1.886	2.086	-10.6	103	0.00
24	T	1,1-Dichloroethane	2.462	2.564	-4.1	103	0.00
25	T	Methyl tert-Butyl Ether	3.055	4.150	-35.8#	127	0.00
26	T	Vinyl Acetate	0.324	0.348	-7.4	101	0.00
27	T	2-Butanone (MEK)	0.954	1.028	-7.8	102	0.00
28	T	cis-1,2-Dichloroethene	1.860	2.025	-8.9	104	0.00
29	T	Diisopropyl Ether	1.152	1.158	-0.5	102	0.00
30	T	Ethyl Acetate	0.504	0.590	-17.1	108	0.00
31	T	n-Hexane	2.435	2.706	-11.1	110	0.00
32	T	Chloroform	2.169	2.203	-1.6	101	0.00
33	S	1,2-Dichloroethane-d4(SS1)	1.562	1.818	-16.4	116	0.00
34	T	Tetrahydrofuran (THF)	0.907	0.951	-4.9	101	0.00
35	T	Ethyl tert-Butyl Ether	1.186	1.579	-33.1#	123	0.00
36	T	1,2-Dichloroethane	1.627	1.722	-5.8	105	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	100	0.00
38	T	1,1,1-Trichloroethane	0.401	0.410	-2.2	101	0.00
39	T	Isopropyl Acetate	0.192	0.225	-17.2	107	0.00
40	T	1-Butanol	0.290	0.396	-36.6#	117	0.00
41	T	Benzene	1.245	1.219	2.1	100	0.00
42	T	Carbon Tetrachloride	0.364	0.368	-1.1	99	0.00
43	T	Cyclohexane	0.459	0.461	-0.4	98	0.00
44	T	tert-Amyl Methyl Ether	0.682	0.877	-28.6	124	0.00
45	T	1,2-Dichloropropane	0.319	0.327	-2.5	102	0.00
46	T	Bromodichloromethane	0.367	0.380	-3.5	100	0.00
47	T	Trichloroethene	0.300	0.275	8.3	90	0.00
48	T	1,4-Dioxane	0.229	0.244	-6.6	97	0.00
49	T	2,2,4-Trimethylpentane (Iso	1.276	1.447	-13.4	114	0.00
50	T	Methyl Methacrylate	0.115	0.116	-0.9	93	0.00
51	T	n-Heptane	0.310	0.325	-4.8	101	0.00
52	T	cis-1,3-Dichloropropene	0.456	0.517	-13.4	101	0.00
53	T	4-Methyl-2-pentanone	0.290	0.335	-15.5	106	0.00
54	T	trans-1,3-Dichloropropene	0.400	0.465	-16.3	102	0.00
55	T	1,1,2-Trichloroethane	0.272	0.269	1.1	96	0.00

Evaluate Continuing Calibration Report

Data File : I:\MS13\DATA\2020 06\08\06082002.D Vial: 1
Acq On : 8 Jun 2020 6:09 Operator: WA
Sample : CCV R13060820 25ng Inst : MS13
Misc : S34-05112003/S34-05202004 (6/18)

Quant Time: Jun 08 07:46:27 2020
Quant Method : I:\MS13\METHODS\R13051120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Tue May 12 06:07:00 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
56	IR	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	115	0.00
57	S	Toluene-d8 (SS2)	2.420	2.224	8.1	106	0.00
58	T	Toluene	2.496	2.109	15.5	98	0.00
59	T	2-Hexanone	1.374	1.499	-9.1	110	0.00
60	T	Dibromochloromethane	0.620	0.544	12.3	95	0.00
61	T	1,2-Dibromoethane	0.589	0.528	10.4	95	0.00
62	T	n-Butyl Acetate	1.549	1.746	-12.7	116	0.00
63	T	n-Octane	0.565	0.550	2.7	107	0.00
64	T	Tetrachloroethene	0.680	0.515	24.3	87	0.00
65	T	Chlorobenzene	1.629	1.306	19.8	94	0.00
66	T	Ethylbenzene	2.656	2.379	10.4	99	0.00
67	T	m- & p-Xylenes	2.071	1.855	10.4	100	0.00
68	T	Bromoform	0.493	0.429	13.0	88	0.00
69	T	Styrene	1.529	1.446	5.4	96	0.00
70	T	o-Xylene	2.100	1.890	10.0	100	0.00
71	T	n-Nonane	1.337	1.414	-5.8	114	0.00
72	T	1,1,2,2-Tetrachloroethane	1.027	0.915	10.9	99	0.00
73	S	Bromofluorobenzene (SS3)	0.678	0.597	11.9	100	0.00
74	T	Cumene	2.652	2.281	14.0	96	0.00
75	T	alpha-Pinene	1.356	1.254	7.5	100	0.00
76	T	n-Propylbenzene	3.167	2.836	10.5	98	0.00
77	T	3-Ethyltoluene	2.530	2.245	11.3	96	0.00
78	T	4-Ethyltoluene	2.549	2.235	12.3	94	0.00
79	T	1,3,5-Trimethylbenzene	2.188	1.890	13.6	95	0.00
80	T	alpha-Methylstyrene	1.092	1.033	5.4	98	0.00
81	T	2-Ethyltoluene	2.563	2.218	13.5	95	0.00
82	T	1,2,4-Trimethylbenzene	2.077	1.956	5.8	96	0.00
83	T	n-Decane	1.221	1.332	-9.1	107	0.00
84	T	Benzyl Chloride	1.743	1.736	0.4	95	0.00
85	T	1,3-Dichlorobenzene	1.292	1.030	20.3	86	0.00
86	T	1,4-Dichlorobenzene	1.307	1.018	22.1	85	0.00
87	T	sec-Butylbenzene	2.953	2.544	13.9	94	0.00
88	T	4-Isopropyltoluene (p-Cymen	2.545	2.312	9.2	93	0.00
89	T	1,2,3-Trimethylbenzene	2.103	1.989	5.4	97	0.00
90	T	1,2-Dichlorobenzene	1.226	0.969	21.0	84	0.00
91	T	d-Limonene	0.868	0.952	-9.7	111	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.409	0.316	22.7	74	0.00
93	T	n-Undecane	1.018	1.379	-35.5#	109	0.00
94	T	1,2,4-Trichlorobenzene	0.807	0.553	31.5#	65	0.00
95	T	Naphthalene	2.319	2.019	12.9	76	0.00
96	T	n-Dodecane	0.591	1.370	-131.8#	124	0.00
97	T	Hexachlorobutadiene	0.584	0.411	29.6	77	0.00
98	T	Cyclohexanone	0.880	0.972	-10.5	112	0.00
99	T	tert-Butylbenzene	2.110	1.853	12.2	94	0.00
100	T	n-Butylbenzene	2.234	2.093	6.3	95	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
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LABORATORY REPORT

June 15, 2020

Eyal Shvartz
Dr. Katz Technologies & Enterprises (KTE)
HaMeginim Ave. 53
Haifa, ISR-HA 33265

RE: Tel Hashomer / KTE-49-20-Simi

Dear Eyal:

Enclosed are the results of the samples submitted to our laboratory on June 2, 2020. For your reference, these analyses have been assigned our service request number P2003007.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Sue Anderson at 9:36 am, Jun 16, 2020

Sue Anderson
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request No: P2003007
Project: Tel Hashomer / KTE-49-20-Simi

CASE NARRATIVE

The samples were received intact under chain of custody on June 2, 2020 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The minimum criteria for Ethanol and Allyl Chloride were not met in the Continuing Calibration Verification (CCV) analyzed on June 8, 2020. In accordance with ALS Environmental standard operating procedures, a Method Reporting Limit (MRL) check standard containing the analytes of concern was analyzed each day of analysis. The MRL check standard verified that instrument sensitivity was adequate to detect the analytes at the MRL on the day of analysis. No further corrective action was necessary.

The minimum criteria for Propene, Ethanol, Acetonitrile, Acetone and Allyl Chloride were not met in the Continuing Calibration Verification (CCV) analyzed on June 9, 2020. In accordance with ALS Environmental standard operating procedures, a Method Reporting Limit (MRL) check standard containing the analytes of concern was analyzed each day of analysis. The MRL check standard verified that instrument sensitivity was adequate to detect the analytes at the MRL on the day of analysis. No further corrective action was necessary.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.1 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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Simi Valley, CA 93065
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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-007
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request: P2003007

Project ID: Tel Hashomer / KTE-49-20-Simi

Date Received: 6/2/2020

Time Received: 09:15

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	TO-15 - VOC Cans
SG-106	P2003007-001	Air	5/31/2020	09:50	1SC00411	-1.85	5.68	X
SG-109	P2003007-002	Air	5/31/2020	10:40	1SS00063	-2.89	6.11	X
SG-10	P2003007-003	Air	5/31/2020	11:22	1SS00222	-2.17	5.13	X
SG-14	P2003007-004	Air	5/31/2020	12:11	1SC00851	-2.03	6.39	X
SG-98	P2003007-005	Air	5/31/2020	12:48	1SC00954	-2.14	4.58	X
SG-99	P2003007-006	Air	5/31/2020	12:38	1SS00501	-1.18	5.16	X

Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No. P1003067

ALS Contact:

Company Name & Address (Reporting Information): KTG

Project Name: Ecolog

Project Number: KTG - 99-2 - [illegible]

Project Manager:

Phone: Fax:

P.O. # / Billing Information:

Email Address for Result Reporting:

Sampler (Print & Sign):

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-14	Analysis Method	Comments e.g. Actual Preservative or specific instructions
SG-106		3/15/10	9:50	SC00411	0A0114	30.0	4.0	1L	✓		
SG-109		3/15/10	10:42	[illegible]	0A01820	30.0	3.0	1L	✓		
SG-110		3/15/10	[illegible]	1SC00222	0A01441	30.0	4.0	1L	✓		
SG-101		3/15/10	12:11	1SC00384	0A00698			1L	✓		
SG-98		3/15/10	12:18	SC00151	0A00350	30.0	4.0	1L	✓		
SG-99		3/15/10	12:18	SC00501	0A00[illegible]			1L	✓		

Report Tier Levels - please select
Tier I - Results (Default if not specified) ____
Tier II (Results + QC Summaries) ____
Tier III (Results + QC & Calibration Summaries) ____
Tier IV (Data Validation Package) 10% Surcharge ____

EDD required Yes / No
Type: ________ Units: ________

Chain of Custody Seal: (Circle)
INTACT BROKEN ABSENT

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature) [signature]	Date: 3/17/10	Time: 915
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Cooler / Blank Temperature ____ °C

ALS Environmental

Sample Acceptance Check Form

Client: Dr. Katz Technologies & Enterprises (KTE) Work order: P2003007

Project: Tel Hashomer / KTE-49-20-Simi

Sample(s) received on: 6/2/20 Date opened: 6/2/20 by: DENISE.POSADA

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2003007-001.01	1.0 L Source Can					
P2003007-002.01	1.0 L Source Silonite Canister					
P2003007-003.01	1.0 L Source Silonite Canister					
P2003007-004.01	1.0 L Source Can					
P2003007-005.01	1.0 L Source Can					
P2003007-006.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers): _____

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-106** ALS Project ID: P2003007
Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P2003007-001

Test Code: EPA TO-15 Date Collected: 5/31/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/2/20
Analyst: Simon Cao Date Analyzed: 6/8/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00411

Initial Pressure (psig): -1.85 Final Pressure (psig): 5.68

Canister Dilution Factor: 1.59

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.9**	2.1	0.52	**1.1**	1.2	0.30	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	2.1	0.35	**0.47**	0.43	0.070	
74-87-3	Chloromethane	**0.41**	2.1	0.34	**0.20**	1.0	0.17	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.33	2.1	0.33	<0.048	0.30	0.048	
75-01-4	Vinyl Chloride	<0.23	2.1	0.23	<0.089	0.84	0.089	
106-99-0	1,3-Butadiene	<0.35	2.1	0.35	<0.16	0.95	0.16	
74-83-9	Bromomethane	<0.29	2.1	0.29	<0.076	0.55	0.076	
75-00-3	Chloroethane	<0.26	2.1	0.26	<0.099	0.81	0.099	
64-17-5	Ethanol	**14**	21	1.5	**7.2**	11	0.78	**J, B, V**
75-05-8	Acetonitrile	**1.6**	2.1	0.52	**0.98**	1.3	0.31	**J**
107-02-8	Acrolein	**2.9**	4.0	0.60	**1.3**	1.7	0.26	**J**
67-64-1	Acetone	**64**	21	4.8	**27**	8.9	2.0	
75-69-4	Trichlorofluoromethane (CFC 11)	**9.4**	2.1	0.32	**1.7**	0.38	0.057	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.2**	8.3	0.87	**0.48**	3.4	0.36	**J**
107-13-1	Acrylonitrile	<0.44	2.1	0.44	<0.20	0.97	0.20	
75-35-4	1,1-Dichloroethene	<0.29	2.1	0.29	<0.074	0.54	0.074	
75-09-2	Methylene Chloride	<0.60	2.1	0.60	<0.17	0.61	0.17	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.29	2.1	0.29	<0.091	0.69	0.091	**V**
76-13-1	Trichlorotrifluoroethane (CFC 113)	**5.4**	2.1	0.30	**0.71**	0.28	0.039	
75-15-0	Carbon Disulfide	<0.64	4.4	0.64	<0.20	1.4	0.20	
156-60-5	trans-1,2-Dichloroethene	<0.29	2.1	0.29	<0.074	0.54	0.074	
75-34-3	1,1-Dichloroethane	<0.31	2.2	0.31	<0.077	0.54	0.077	
1634-04-4	Methyl tert-Butyl Ether	**0.41**	2.1	0.25	**0.11**	0.60	0.069	**J**
108-05-4	Vinyl Acetate	**25**	21	4.8	**7.1**	6.1	1.4	
78-93-3	2-Butanone (MEK)	**12**	4.4	0.44	**4.2**	1.5	0.15	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-106** ALS Project ID: P2003007
Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P2003007-001

Test Code: EPA TO-15 Date Collected: 5/31/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/2/20
Analyst: Simon Cao Date Analyzed: 6/8/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00411

Initial Pressure (psig): -1.85 Final Pressure (psig): 5.68

Canister Dilution Factor: 1.59

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.30	2.1	0.30	<0.075	0.53	0.075	
141-78-6	Ethyl Acetate	**2.3**	4.4	1.1	**0.65**	1.2	0.31	**J**
110-54-3	n-Hexane	**0.78**	2.1	0.44	**0.22**	0.61	0.12	**J**
67-66-3	Chloroform	**8.8**	2.1	0.28	**1.8**	0.44	0.058	
109-99-9	Tetrahydrofuran (THF)	<0.27	2.2	0.27	<0.090	0.74	0.090	
107-06-2	1,2-Dichloroethane	<0.23	2.1	0.23	<0.058	0.53	0.058	
71-55-6	1,1,1-Trichloroethane	<0.26	2.1	0.26	<0.048	0.39	0.048	
71-43-2	Benzene	**0.31**	2.1	0.31	**0.098**	0.66	0.096	**J**
56-23-5	Carbon Tetrachloride	**77**	2.1	0.29	**12**	0.34	0.047	
110-82-7	Cyclohexane	<0.60	4.4	0.60	<0.17	1.3	0.17	
78-87-5	1,2-Dichloropropane	<0.26	2.1	0.26	<0.057	0.46	0.057	
75-27-4	Bromodichloromethane	<0.31	2.1	0.31	<0.046	0.32	0.046	
79-01-6	Trichloroethene	**0.57**	2.1	0.29	**0.11**	0.40	0.053	**J**
123-91-1	1,4-Dioxane	<0.25	2.1	0.25	<0.070	0.60	0.070	
80-62-6	Methyl Methacrylate	<0.76	4.4	0.76	<0.18	1.1	0.18	
142-82-5	n-Heptane	**1.9**	2.1	0.34	**0.46**	0.52	0.082	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.33	2.1	0.33	<0.073	0.46	0.073	
108-10-1	4-Methyl-2-pentanone	**0.98**	2.1	0.29	**0.24**	0.51	0.071	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.44	2.1	0.44	<0.096	0.46	0.096	
79-00-5	1,1,2-Trichloroethane	<0.21	2.1	0.21	<0.039	0.39	0.039	
108-88-3	Toluene	**6.8**	2.1	0.26	**1.8**	0.57	0.069	
591-78-6	2-Hexanone	**2.2**	2.1	0.26	**0.53**	0.52	0.064	
124-48-1	Dibromochloromethane	<0.28	2.1	0.28	<0.033	0.25	0.033	
106-93-4	1,2-Dibromoethane	<0.25	2.1	0.25	<0.032	0.28	0.032	
123-86-4	n-Butyl Acetate	**1.9**	2.2	0.29	**0.39**	0.46	0.061	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-106** ALS Project ID: P2003007
Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P2003007-001

Test Code: EPA TO-15 Date Collected: 5/31/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/2/20
Analyst: Simon Cao Date Analyzed: 6/8/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00411

Initial Pressure (psig): -1.85 Final Pressure (psig): 5.68

Canister Dilution Factor: 1.59

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**2.0**	2.1	0.48	**0.43**	0.46	0.10	**J**
127-18-4	Tetrachloroethene	**140**	2.1	0.27	**21**	0.30	0.040	
108-90-7	Chlorobenzene	<0.28	2.1	0.28	<0.061	0.47	0.061	
100-41-4	Ethylbenzene	**2.7**	2.1	0.30	**0.61**	0.49	0.069	
179601-23-1	m,p-Xylenes	**10**	4.4	0.56	**2.3**	1.0	0.13	
75-25-2	Bromoform	<0.44	2.1	0.44	<0.042	0.21	0.042	
100-42-5	Styrene	**1.8**	2.1	0.34	**0.42**	0.50	0.080	**J**
95-47-6	o-Xylene	**4.1**	2.1	0.31	**0.95**	0.49	0.070	
111-84-2	n-Nonane	**4.3**	2.1	0.35	**0.83**	0.41	0.067	
79-34-5	1,1,2,2-Tetrachloroethane	<0.29	2.1	0.29	<0.043	0.31	0.043	
98-82-8	Cumene	**0.41**	2.1	0.31	**0.083**	0.44	0.062	**J**
80-56-8	alpha-Pinene	<0.33	2.1	0.33	<0.059	0.39	0.059	
103-65-1	n-Propylbenzene	**1.3**	2.1	0.31	**0.27**	0.44	0.062	**J**
622-96-8	4-Ethyltoluene	**2.2**	2.1	0.34	**0.44**	0.44	0.069	
108-67-8	1,3,5-Trimethylbenzene	**1.9**	2.1	0.31	**0.39**	0.43	0.062	**J**
95-63-6	1,2,4-Trimethylbenzene	**8.5**	2.1	0.29	**1.7**	0.44	0.060	
100-44-7	Benzyl Chloride	<0.48	4.4	0.48	<0.092	0.84	0.092	
541-73-1	1,3-Dichlorobenzene	<0.32	2.1	0.32	<0.053	0.36	0.053	
106-46-7	1,4-Dichlorobenzene	<0.33	2.1	0.33	<0.054	0.36	0.054	
95-50-1	1,2-Dichlorobenzene	<0.31	2.1	0.31	<0.052	0.36	0.052	
5989-27-5	d-Limonene	**1.5**	2.1	0.44	**0.27**	0.39	0.079	**JB**
96-12-8	1,2-Dibromo-3-chloropropane	<0.40	2.1	0.40	<0.041	0.22	0.041	
120-82-1	1,2,4-Trichlorobenzene	<0.52	2.1	0.52	<0.070	0.29	0.070	
91-20-3	Naphthalene	**1.2**	2.1	0.52	**0.23**	0.39	0.099	**J**
87-68-3	Hexachlorobutadiene	<0.44	2.1	0.44	<0.041	0.20	0.041	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-109** ALS Project ID: P2003007
Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P2003007-002

Test Code: EPA TO-15 Date Collected: 5/31/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/2/20
Analyst: Simon Cao Date Analyzed: 6/8/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00063

Initial Pressure (psig): -2.89 Final Pressure (psig): 6.11

Canister Dilution Factor: 1.76

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.1**	2.3	0.57	**0.64**	1.4	0.33	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	2.3	0.38	**0.42**	0.47	0.077	**J**
74-87-3	Chloromethane	<0.38	2.3	0.38	<0.18	1.1	0.18	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.37	2.3	0.37	<0.053	0.33	0.053	
75-01-4	Vinyl Chloride	<0.25	2.4	0.25	<0.098	0.93	0.098	
106-99-0	1,3-Butadiene	<0.39	2.3	0.39	<0.18	1.1	0.18	
74-83-9	Bromomethane	<0.33	2.4	0.33	<0.084	0.61	0.084	
75-00-3	Chloroethane	<0.29	2.4	0.29	<0.11	0.90	0.11	
64-17-5	Ethanol	**15**	23	1.6	**7.8**	12	0.86	**J, B, V**
75-05-8	Acetonitrile	<0.57	2.3	0.57	<0.34	1.4	0.34	
107-02-8	Acrolein	**0.84**	4.4	0.66	**0.36**	1.9	0.29	**J**
67-64-1	Acetone	**21**	23	5.3	**9.0**	9.8	2.2	**J**
75-69-4	Trichlorofluoromethane (CFC 11)	**4.6**	2.3	0.36	**0.82**	0.42	0.063	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.97	9.2	0.97	<0.39	3.8	0.39	
107-13-1	Acrylonitrile	<0.48	2.3	0.48	<0.22	1.1	0.22	
75-35-4	1,1-Dichloroethene	<0.33	2.4	0.33	<0.082	0.60	0.082	
75-09-2	Methylene Chloride	<0.66	2.3	0.66	<0.19	0.67	0.19	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.32	2.4	0.32	<0.10	0.76	0.10	**V**
76-13-1	Trichlorotrifluoroethane (CFC 113)	**2.6**	2.4	0.33	**0.34**	0.31	0.044	
75-15-0	Carbon Disulfide	**3.7**	4.8	0.70	**1.2**	1.6	0.23	**J**
156-60-5	trans-1,2-Dichloroethene	<0.33	2.4	0.33	<0.082	0.60	0.082	
75-34-3	1,1-Dichloroethane	<0.34	2.4	0.34	<0.085	0.60	0.085	
1634-04-4	Methyl tert-Butyl Ether	**0.34**	2.4	0.28	**0.094**	0.66	0.077	**J**
108-05-4	Vinyl Acetate	<5.3	24	5.3	<1.5	6.8	1.5	
78-93-3	2-Butanone (MEK)	**2.2**	4.8	0.48	**0.73**	1.6	0.16	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-109** ALS Project ID: P2003007
Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P2003007-002

Test Code: EPA TO-15 Date Collected: 5/31/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/2/20
Analyst: Simon Cao Date Analyzed: 6/8/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00063

Initial Pressure (psig): -2.89 Final Pressure (psig): 6.11

Canister Dilution Factor: 1.76

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.33	2.3	0.33	<0.083	0.59	0.083	
141-78-6	Ethyl Acetate	**3.9**	4.8	1.2	**1.1**	1.3	0.34	**J**
110-54-3	n-Hexane	<0.48	2.4	0.48	<0.14	0.67	0.14	
67-66-3	Chloroform	**3.9**	2.4	0.31	**0.81**	0.49	0.064	
109-99-9	Tetrahydrofuran (THF)	<0.29	2.4	0.29	<0.10	0.82	0.10	
107-06-2	1,2-Dichloroethane	<0.26	2.4	0.26	<0.064	0.59	0.064	
71-55-6	1,1,1-Trichloroethane	<0.29	2.4	0.29	<0.053	0.44	0.053	
71-43-2	Benzene	**0.52**	2.3	0.34	**0.16**	0.73	0.11	**J**
56-23-5	Carbon Tetrachloride	**44**	2.3	0.33	**6.9**	0.37	0.052	
110-82-7	Cyclohexane	<0.66	4.8	0.66	<0.19	1.4	0.19	
78-87-5	1,2-Dichloropropane	<0.29	2.4	0.29	<0.063	0.51	0.063	
75-27-4	Bromodichloromethane	<0.34	2.4	0.34	<0.051	0.35	0.051	
79-01-6	Trichloroethene	**0.37**	2.4	0.32	**0.070**	0.44	0.059	**J**
123-91-1	1,4-Dioxane	**0.32**	2.4	0.28	**0.089**	0.66	0.077	**J**
80-62-6	Methyl Methacrylate	<0.84	4.8	0.84	<0.20	1.2	0.20	
142-82-5	n-Heptane	**1.3**	2.4	0.37	**0.32**	0.58	0.091	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.37	2.3	0.37	<0.080	0.50	0.080	
108-10-1	4-Methyl-2-pentanone	**0.59**	2.3	0.32	**0.15**	0.57	0.078	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.48	2.3	0.48	<0.11	0.51	0.11	
79-00-5	1,1,2-Trichloroethane	<0.24	2.4	0.24	<0.044	0.44	0.044	
108-88-3	Toluene	**5.5**	2.4	0.29	**1.5**	0.63	0.076	
591-78-6	2-Hexanone	<0.29	2.4	0.29	<0.071	0.58	0.071	
124-48-1	Dibromochloromethane	<0.31	2.4	0.31	<0.036	0.28	0.036	
106-93-4	1,2-Dibromoethane	<0.27	2.4	0.27	<0.036	0.31	0.036	
123-86-4	n-Butyl Acetate	**1.4**	2.4	0.32	**0.30**	0.51	0.068	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-109** ALS Project ID: P2003007
Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P2003007-002

Test Code: EPA TO-15 Date Collected: 5/31/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/2/20
Analyst: Simon Cao Date Analyzed: 6/8/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00063

Initial Pressure (psig): -2.89 Final Pressure (psig): 6.11

Canister Dilution Factor: 1.76

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**2.0**	2.4	0.53	**0.44**	0.51	0.11	**J**
127-18-4	Tetrachloroethene	**9.6**	2.3	0.30	**1.4**	0.34	0.045	
108-90-7	Chlorobenzene	<0.31	2.4	0.31	<0.068	0.52	0.068	
100-41-4	Ethylbenzene	**1.7**	2.4	0.33	**0.40**	0.55	0.076	**J**
179601-23-1	m,p-Xylenes	**6.7**	4.8	0.62	**1.6**	1.1	0.14	
75-25-2	Bromoform	<0.48	2.4	0.48	<0.047	0.23	0.047	
100-42-5	Styrene	**1.8**	2.3	0.38	**0.43**	0.55	0.089	**J**
95-47-6	o-Xylene	**2.5**	2.4	0.34	**0.59**	0.55	0.078	
111-84-2	n-Nonane	**1.1**	2.4	0.39	**0.20**	0.45	0.075	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.33	2.4	0.33	<0.047	0.35	0.047	
98-82-8	Cumene	<0.34	2.4	0.34	<0.069	0.48	0.069	
80-56-8	alpha-Pinene	<0.36	2.4	0.36	<0.065	0.43	0.065	
103-65-1	n-Propylbenzene	**0.74**	2.4	0.34	**0.15**	0.48	0.069	**J**
622-96-8	4-Ethyltoluene	**1.3**	2.4	0.37	**0.27**	0.48	0.076	**J**
108-67-8	1,3,5-Trimethylbenzene	**1.1**	2.3	0.34	**0.22**	0.47	0.069	**J**
95-63-6	1,2,4-Trimethylbenzene	**5.5**	2.4	0.33	**1.1**	0.48	0.066	
100-44-7	Benzyl Chloride	<0.53	4.8	0.53	<0.10	0.94	0.10	
541-73-1	1,3-Dichlorobenzene	<0.35	2.4	0.35	<0.059	0.40	0.059	
106-46-7	1,4-Dichlorobenzene	<0.36	2.4	0.36	<0.060	0.40	0.060	
95-50-1	1,2-Dichlorobenzene	<0.35	2.4	0.35	<0.058	0.40	0.058	
5989-27-5	d-Limonene	**1.8**	2.4	0.48	**0.32**	0.43	0.087	**J, B**
96-12-8	1,2-Dibromo-3-chloropropane	<0.44	2.3	0.44	<0.046	0.24	0.046	
120-82-1	1,2,4-Trichlorobenzene	<0.57	2.4	0.57	<0.077	0.32	0.077	
91-20-3	Naphthalene	**0.81**	2.3	0.57	**0.15**	0.44	0.11	**J**
87-68-3	Hexachlorobutadiene	<0.48	2.3	0.48	<0.045	0.22	0.045	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-10** ALS Project ID: P2003007
Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P2003007-003

Test Code: EPA TO-15 Date Collected: 5/31/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/2/20
Analyst: Simon Cao Date Analyzed: 6/9/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00222

Initial Pressure (psig): -2.17 Final Pressure (psig): 5.13

Canister Dilution Factor: 1.58

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.74**	2.1	0.51	**0.43**	1.2	0.30	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	2.1	0.34	**0.43**	0.42	0.070	
74-87-3	Chloromethane	<0.34	2.1	0.34	<0.16	1.0	0.16	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.33	2.1	0.33	<0.047	0.30	0.047	
75-01-4	Vinyl Chloride	<0.23	2.1	0.23	<0.088	0.83	0.088	
106-99-0	1,3-Butadiene	<0.35	2.1	0.35	<0.16	0.95	0.16	
74-83-9	Bromomethane	<0.29	2.1	0.29	<0.075	0.55	0.075	
75-00-3	Chloroethane	<0.26	2.1	0.26	<0.099	0.81	0.099	
64-17-5	Ethanol	**9.0**	21	1.5	**4.8**	11	0.78	**J, B, V**
75-05-8	Acetonitrile	**1.2**	2.1	0.51	**0.70**	1.2	0.31	**J**
107-02-8	Acrolein	<0.59	4.0	0.59	<0.26	1.7	0.26	
67-64-1	Acetone	**31**	21	4.7	**13**	8.8	2.0	
75-69-4	Trichlorofluoromethane (CFC 11)	**4.4**	2.1	0.32	**0.78**	0.37	0.057	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.87	8.3	0.87	<0.35	3.4	0.35	
107-13-1	Acrylonitrile	<0.43	2.1	0.43	<0.20	0.97	0.20	
75-35-4	1,1-Dichloroethene	<0.29	2.1	0.29	<0.074	0.54	0.074	
75-09-2	Methylene Chloride	<0.59	2.1	0.59	<0.17	0.60	0.17	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.28	2.1	0.28	<0.091	0.68	0.091	**V**
76-13-1	Trichlorotrifluoroethane (CFC 113)	**1.7**	2.1	0.30	**0.23**	0.28	0.039	**J**
75-15-0	Carbon Disulfide	<0.63	4.3	0.63	<0.20	1.4	0.20	
156-60-5	trans-1,2-Dichloroethene	<0.29	2.1	0.29	<0.074	0.54	0.074	
75-34-3	1,1-Dichloroethane	<0.31	2.2	0.31	<0.076	0.54	0.076	
1634-04-4	Methyl tert-Butyl Ether	<0.25	2.1	0.25	<0.069	0.59	0.069	
108-05-4	Vinyl Acetate	**12**	21	4.7	**3.3**	6.1	1.3	**J**
78-93-3	2-Butanone (MEK)	**4.7**	4.3	0.43	**1.6**	1.5	0.15	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-10** ALS Project ID: P2003007
Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P2003007-003

Test Code: EPA TO-15 Date Collected: 5/31/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/2/20
Analyst: Simon Cao Date Analyzed: 6/9/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00222

Initial Pressure (psig): -2.17 Final Pressure (psig): 5.13

Canister Dilution Factor: 1.58

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.30	2.1	0.30	<0.075	0.53	0.075	
141-78-6	Ethyl Acetate	**1.9**	4.3	1.1	**0.53**	1.2	0.31	**J**
110-54-3	n-Hexane	<0.43	2.1	0.43	<0.12	0.61	0.12	
67-66-3	Chloroform	**2.7**	2.1	0.28	**0.56**	0.44	0.057	
109-99-9	Tetrahydrofuran (THF)	<0.26	2.2	0.26	<0.090	0.74	0.090	
107-06-2	1,2-Dichloroethane	<0.23	2.1	0.23	<0.058	0.53	0.058	
71-55-6	1,1,1-Trichloroethane	<0.26	2.1	0.26	<0.048	0.39	0.048	
71-43-2	Benzene	<0.30	2.1	0.30	<0.095	0.66	0.095	
56-23-5	Carbon Tetrachloride	**25**	2.1	0.29	**4.0**	0.33	0.046	
110-82-7	Cyclohexane	<0.59	4.3	0.59	<0.17	1.3	0.17	
78-87-5	1,2-Dichloropropane	<0.26	2.1	0.26	<0.056	0.46	0.056	
75-27-4	Bromodichloromethane	<0.30	2.1	0.30	<0.045	0.32	0.045	
79-01-6	Trichloroethene	**8.7**	2.1	0.28	**1.6**	0.40	0.053	
123-91-1	1,4-Dioxane	<0.25	2.1	0.25	<0.069	0.59	0.069	
80-62-6	Methyl Methacrylate	<0.75	4.3	0.75	<0.18	1.1	0.18	
142-82-5	n-Heptane	**0.57**	2.1	0.34	**0.14**	0.52	0.082	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.33	2.1	0.33	<0.072	0.45	0.072	
108-10-1	4-Methyl-2-pentanone	**0.74**	2.1	0.29	**0.18**	0.51	0.070	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.43	2.1	0.43	<0.096	0.46	0.096	
79-00-5	1,1,2-Trichloroethane	<0.21	2.1	0.21	<0.039	0.39	0.039	
108-88-3	Toluene	**3.8**	2.1	0.26	**1.0**	0.57	0.068	
591-78-6	2-Hexanone	**0.81**	2.1	0.26	**0.20**	0.52	0.064	**J**
124-48-1	Dibromochloromethane	<0.28	2.1	0.28	<0.032	0.25	0.032	
106-93-4	1,2-Dibromoethane	<0.24	2.1	0.24	<0.032	0.28	0.032	
123-86-4	n-Butyl Acetate	**0.91**	2.2	0.29	**0.19**	0.46	0.061	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-10** ALS Project ID: P2003007
Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P2003007-003

Test Code: EPA TO-15 Date Collected: 5/31/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/2/20
Analyst: Simon Cao Date Analyzed: 6/9/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00222

Initial Pressure (psig): -2.17 Final Pressure (psig): 5.13

Canister Dilution Factor: 1.58

CAS #	Compound	Result µg/m³		MRL µg/m³	MDL µg/m³	Result ppbV		MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**0.63**		2.1	0.47	**0.13**		0.46	0.10	**J**
127-18-4	Tetrachloroethene	**3.7**		2.1	0.27	**0.54**		0.30	0.040	
108-90-7	Chlorobenzene		<0.28	2.1	0.28		<0.061	0.46	0.061	
100-41-4	Ethylbenzene	**1.3**		2.1	0.30	**0.31**		0.49	0.068	**J**
179601-23-1	m,p-Xylenes	**4.5**		4.3	0.55	**1.0**		1.0	0.13	
75-25-2	Bromoform		<0.43	2.1	0.43		<0.042	0.21	0.042	
100-42-5	Styrene	**1.3**		2.1	0.34	**0.30**		0.49	0.080	**J**
95-47-6	o-Xylene	**1.9**		2.1	0.30	**0.43**		0.49	0.070	**J**
111-84-2	n-Nonane		<0.35	2.1	0.35		<0.067	0.41	0.067	
79-34-5	1,1,2,2-Tetrachloroethane		<0.29	2.1	0.29		<0.043	0.31	0.043	
98-82-8	Cumene		<0.30	2.1	0.30		<0.062	0.43	0.062	
80-56-8	alpha-Pinene		<0.32	2.1	0.32		<0.058	0.38	0.058	
103-65-1	n-Propylbenzene	**0.47**		2.1	0.30	**0.096**		0.43	0.062	**J**
622-96-8	4-Ethyltoluene	**0.88**		2.1	0.34	**0.18**		0.43	0.068	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.63**		2.1	0.30	**0.13**		0.43	0.062	**J**
95-63-6	1,2,4-Trimethylbenzene	**3.1**		2.1	0.29	**0.62**		0.43	0.059	
100-44-7	Benzyl Chloride		<0.47	4.3	0.47		<0.092	0.84	0.092	
541-73-1	1,3-Dichlorobenzene		<0.32	2.1	0.32		<0.053	0.35	0.053	
106-46-7	1,4-Dichlorobenzene		<0.32	2.1	0.32		<0.054	0.35	0.054	
95-50-1	1,2-Dichlorobenzene		<0.31	2.1	0.31		<0.052	0.35	0.052	
5989-27-5	d-Limonene	**4.8**		2.1	0.43	**0.86**		0.38	0.078	**B**
96-12-8	1,2-Dibromo-3-chloropropane		<0.40	2.1	0.40		<0.041	0.22	0.041	
120-82-1	1,2,4-Trichlorobenzene		<0.51	2.1	0.51		<0.069	0.29	0.069	
91-20-3	Naphthalene		<0.51	2.1	0.51		<0.098	0.39	0.098	
87-68-3	Hexachlorobutadiene		<0.43	2.1	0.43		<0.041	0.20	0.041	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-14** ALS Project ID: P2003007
Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P2003007-004

Test Code: EPA TO-15 Date Collected: 5/31/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/2/20
Analyst: Simon Cao Date Analyzed: 6/9/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00851

Initial Pressure (psig): -2.03 Final Pressure (psig): 6.39

Canister Dilution Factor: 1.66

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.3**	2.2	0.54	**1.4**	1.3	0.31	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.0**	2.2	0.36	**0.41**	0.44	0.073	**J**
74-87-3	Chloromethane	<0.36	2.2	0.36	<0.17	1.1	0.17	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.35	2.2	0.35	<0.050	0.31	0.050	
75-01-4	Vinyl Chloride	<0.24	2.2	0.24	<0.093	0.88	0.093	
106-99-0	1,3-Butadiene	<0.37	2.2	0.37	<0.17	0.99	0.17	
74-83-9	Bromomethane	<0.31	2.2	0.31	<0.079	0.58	0.079	
75-00-3	Chloroethane	<0.27	2.2	0.27	<0.10	0.85	0.10	
64-17-5	Ethanol	**9.1**	22	1.5	**4.8**	11	0.82	**J, B, V**
75-05-8	Acetonitrile	<0.54	2.2	0.54	<0.32	1.3	0.32	
107-02-8	Acrolein	**4.3**	4.2	0.62	**1.9**	1.8	0.27	
67-64-1	Acetone	**65**	22	5.0	**27**	9.3	2.1	
75-69-4	Trichlorofluoromethane (CFC 11)	**11**	2.2	0.34	**2.0**	0.39	0.060	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.3**	8.7	0.91	**0.52**	3.5	0.37	**J**
107-13-1	Acrylonitrile	<0.46	2.2	0.46	<0.21	1.0	0.21	
75-35-4	1,1-Dichloroethene	<0.31	2.2	0.31	<0.077	0.57	0.077	
75-09-2	Methylene Chloride	<0.62	2.2	0.62	<0.18	0.63	0.18	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.30	2.2	0.30	<0.096	0.72	0.096	**V**
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.57**	2.2	0.32	**0.074**	0.29	0.041	**J**
75-15-0	Carbon Disulfide	<0.66	4.6	0.66	<0.21	1.5	0.21	
156-60-5	trans-1,2-Dichloroethene	<0.31	2.2	0.31	<0.077	0.57	0.077	
75-34-3	1,1-Dichloroethane	<0.32	2.3	0.32	<0.080	0.56	0.080	
1634-04-4	Methyl tert-Butyl Ether	**0.30**	2.2	0.26	**0.084**	0.62	0.073	**J**
108-05-4	Vinyl Acetate	**10**	22	5.0	**2.9**	6.4	1.4	**J**
78-93-3	2-Butanone (MEK)	**4.9**	4.6	0.46	**1.7**	1.5	0.15	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-14** ALS Project ID: P2003007
Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P2003007-004

Test Code: EPA TO-15 Date Collected: 5/31/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/2/20
Analyst: Simon Cao Date Analyzed: 6/9/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00851

Initial Pressure (psig): -2.03 Final Pressure (psig): 6.39

Canister Dilution Factor: 1.66

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.31	2.2	0.31	<0.079	0.55	0.079	
141-78-6	Ethyl Acetate	**3.0**	4.6	1.2	**0.84**	1.3	0.32	**J**
110-54-3	n-Hexane	<0.46	2.2	0.46	<0.13	0.64	0.13	
67-66-3	Chloroform	**1.2**	2.2	0.29	**0.24**	0.46	0.060	**J**
109-99-9	Tetrahydrofuran (THF)	<0.28	2.3	0.28	<0.094	0.77	0.094	
107-06-2	1,2-Dichloroethane	<0.24	2.2	0.24	<0.061	0.55	0.061	
71-55-6	1,1,1-Trichloroethane	<0.27	2.2	0.27	<0.050	0.41	0.050	
71-43-2	Benzene	<0.32	2.2	0.32	<0.10	0.69	0.10	
56-23-5	Carbon Tetrachloride	**2.7**	2.2	0.31	**0.43**	0.35	0.049	
110-82-7	Cyclohexane	<0.62	4.6	0.62	<0.18	1.3	0.18	
78-87-5	1,2-Dichloropropane	<0.27	2.2	0.27	<0.059	0.49	0.059	
75-27-4	Bromodichloromethane	<0.32	2.2	0.32	<0.048	0.33	0.048	
79-01-6	Trichloroethene	**0.30**	2.2	0.30	**0.056**	0.42	0.056	**J**
123-91-1	1,4-Dioxane	<0.26	2.2	0.26	<0.073	0.62	0.073	
80-62-6	Methyl Methacrylate	<0.79	4.6	0.79	<0.19	1.1	0.19	
142-82-5	n-Heptane	**0.68**	2.2	0.35	**0.17**	0.55	0.086	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.34	2.2	0.34	<0.076	0.48	0.076	
108-10-1	4-Methyl-2-pentanone	**0.82**	2.2	0.30	**0.20**	0.54	0.074	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.46	2.2	0.46	<0.10	0.48	0.10	
79-00-5	1,1,2-Trichloroethane	<0.22	2.2	0.22	<0.041	0.41	0.041	
108-88-3	Toluene	**3.6**	2.2	0.27	**0.95**	0.59	0.072	
591-78-6	2-Hexanone	**1.6**	2.2	0.27	**0.40**	0.55	0.067	**J**
124-48-1	Dibromochloromethane	<0.29	2.2	0.29	<0.034	0.26	0.034	
106-93-4	1,2-Dibromoethane	<0.26	2.2	0.26	<0.033	0.29	0.033	
123-86-4	n-Butyl Acetate	**1.2**	2.3	0.30	**0.25**	0.48	0.064	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-14** ALS Project ID: P2003007
Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P2003007-004

Test Code: EPA TO-15 Date Collected: 5/31/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/2/20
Analyst: Simon Cao Date Analyzed: 6/9/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00851

Initial Pressure (psig): -2.03 Final Pressure (psig): 6.39

Canister Dilution Factor: 1.66

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**0.56**	2.2	0.50	**0.12**	0.48	0.11	**J**
127-18-4	Tetrachloroethene	**3.1**	2.2	0.29	**0.46**	0.32	0.042	
108-90-7	Chlorobenzene	<0.29	2.2	0.29	<0.064	0.49	0.064	
100-41-4	Ethylbenzene	**1.1**	2.2	0.31	**0.26**	0.52	0.072	**J**
179601-23-1	m,p-Xylenes	**4.2**	4.6	0.58	**0.97**	1.1	0.13	**J**
75-25-2	Bromoform	<0.46	2.2	0.46	<0.044	0.22	0.044	
100-42-5	Styrene	**2.3**	2.2	0.36	**0.54**	0.52	0.084	
95-47-6	o-Xylene	**1.4**	2.2	0.32	**0.33**	0.52	0.074	**J**
111-84-2	n-Nonane	<0.37	2.2	0.37	<0.070	0.43	0.070	
79-34-5	1,1,2,2-Tetrachloroethane	<0.31	2.2	0.31	<0.045	0.33	0.045	
98-82-8	Cumene	<0.32	2.2	0.32	<0.065	0.46	0.065	
80-56-8	alpha-Pinene	<0.34	2.2	0.34	<0.061	0.40	0.061	
103-65-1	n-Propylbenzene	**0.41**	2.2	0.32	**0.084**	0.46	0.065	**J**
622-96-8	4-Ethyltoluene	**0.76**	2.2	0.35	**0.16**	0.46	0.072	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.51**	2.2	0.32	**0.10**	0.45	0.065	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.5**	2.2	0.31	**0.51**	0.46	0.062	
100-44-7	Benzyl Chloride	<0.50	4.6	0.50	<0.096	0.88	0.096	
541-73-1	1,3-Dichlorobenzene	<0.33	2.2	0.33	<0.055	0.37	0.055	
106-46-7	1,4-Dichlorobenzene	<0.34	2.2	0.34	<0.057	0.37	0.057	
95-50-1	1,2-Dichlorobenzene	<0.33	2.2	0.33	<0.055	0.37	0.055	
5989-27-5	d-Limonene	**0.78**	2.2	0.46	**0.14**	0.40	0.082	**J, B**
96-12-8	1,2-Dibromo-3-chloropropane	<0.42	2.2	0.42	<0.043	0.23	0.043	
120-82-1	1,2,4-Trichlorobenzene	<0.54	2.2	0.54	<0.073	0.30	0.073	
91-20-3	Naphthalene	<0.54	2.2	0.54	<0.10	0.41	0.10	
87-68-3	Hexachlorobutadiene	<0.46	2.2	0.46	<0.043	0.21	0.043	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-98** ALS Project ID: P2003007
Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P2003007-005

Test Code: EPA TO-15 Date Collected: 5/31/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/2/20
Analyst: Simon Cao Date Analyzed: 6/9/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00954

Initial Pressure (psig): -2.14 Final Pressure (psig): 4.58

Canister Dilution Factor: 1.54

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**7.5**	2.0	0.50	**4.4**	1.2	0.29	
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.7**	2.0	0.33	**0.96**	0.41	0.068	
74-87-3	Chloromethane	**0.45**	2.0	0.33	**0.22**	0.99	0.16	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.32	2.0	0.32	<0.046	0.29	0.046	
75-01-4	Vinyl Chloride	<0.22	2.1	0.22	<0.086	0.81	0.086	
106-99-0	1,3-Butadiene	<0.34	2.0	0.34	<0.15	0.92	0.15	
74-83-9	Bromomethane	<0.28	2.1	0.28	<0.073	0.54	0.073	
75-00-3	Chloroethane	<0.25	2.1	0.25	<0.096	0.79	0.096	
64-17-5	Ethanol	**130**	20	1.4	**70**	11	0.76	**B, V**
75-05-8	Acetonitrile	**0.55**	2.0	0.50	**0.33**	1.2	0.30	**J**
107-02-8	Acrolein	**4.3**	3.9	0.58	**1.9**	1.7	0.25	
67-64-1	Acetone	**65**	20	4.6	**27**	8.6	1.9	
75-69-4	Trichlorofluoromethane (CFC 11)	**16**	2.0	0.31	**2.8**	0.36	0.056	
67-63-0	2-Propanol (Isopropyl Alcohol)	**10**	8.1	0.85	**4.2**	3.3	0.34	
107-13-1	Acrylonitrile	**0.57**	2.0	0.42	**0.26**	0.94	0.20	**J**
75-35-4	1,1-Dichloroethene	<0.28	2.1	0.28	<0.072	0.52	0.072	
75-09-2	Methylene Chloride	**2.4**	2.0	0.58	**0.70**	0.59	0.17	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.28	2.1	0.28	<0.089	0.66	0.089	**V**
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.62**	2.1	0.29	**0.081**	0.27	0.038	**J**
75-15-0	Carbon Disulfide	**3.8**	4.2	0.62	**1.2**	1.4	0.20	**J**
156-60-5	trans-1,2-Dichloroethene	<0.28	2.1	0.28	<0.072	0.52	0.072	
75-34-3	1,1-Dichloroethane	<0.30	2.1	0.30	<0.074	0.52	0.074	
1634-04-4	Methyl tert-Butyl Ether	**1.2**	2.1	0.24	**0.33**	0.58	0.067	**J**
108-05-4	Vinyl Acetate	**24**	21	4.6	**6.8**	5.9	1.3	
78-93-3	2-Butanone (MEK)	**11**	4.2	0.42	**3.6**	1.4	0.14	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-98** ALS Project ID: P2003007
Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P2003007-005

Test Code: EPA TO-15 Date Collected: 5/31/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/2/20
Analyst: Simon Cao Date Analyzed: 6/9/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00954

Initial Pressure (psig): -2.14 Final Pressure (psig): 4.58

Canister Dilution Factor: 1.54

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.29	2.0	0.29	<0.073	0.51	0.073	
141-78-6	Ethyl Acetate	**280**	4.2	1.1	**77**	1.2	0.30	
110-54-3	n-Hexane	**2.1**	2.1	0.42	**0.58**	0.59	0.12	**J**
67-66-3	Chloroform	**2.3**	2.1	0.27	**0.46**	0.43	0.056	
109-99-9	Tetrahydrofuran (THF)	**0.77**	2.1	0.26	**0.26**	0.72	0.087	**J**
107-06-2	1,2-Dichloroethane	<0.23	2.1	0.23	<0.056	0.51	0.056	
71-55-6	1,1,1-Trichloroethane	<0.25	2.1	0.25	<0.047	0.38	0.047	
71-43-2	Benzene	**1.6**	2.0	0.30	**0.50**	0.64	0.093	**J**
56-23-5	Carbon Tetrachloride	**1.9**	2.0	0.28	**0.30**	0.32	0.045	**J**
110-82-7	Cyclohexane	**0.89**	4.2	0.58	**0.26**	1.2	0.17	**J**
78-87-5	1,2-Dichloropropane	<0.25	2.1	0.25	<0.055	0.45	0.055	
75-27-4	Bromodichloromethane	<0.30	2.1	0.30	<0.044	0.31	0.044	
79-01-6	Trichloroethene	**0.95**	2.1	0.28	**0.18**	0.39	0.052	**J**
123-91-1	1,4-Dioxane	**0.28**	2.1	0.24	**0.078**	0.58	0.067	**J**
80-62-6	Methyl Methacrylate	<0.73	4.2	0.73	<0.18	1.0	0.18	
142-82-5	n-Heptane	**2.9**	2.1	0.33	**0.70**	0.51	0.080	
10061-01-5	cis-1,3-Dichloropropene	<0.32	2.0	0.32	<0.070	0.44	0.070	
108-10-1	4-Methyl-2-pentanone	**1.5**	2.0	0.28	**0.37**	0.50	0.069	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.42	2.0	0.42	<0.093	0.45	0.093	
79-00-5	1,1,2-Trichloroethane	<0.21	2.1	0.21	<0.038	0.38	0.038	
108-88-3	Toluene	**16**	2.1	0.25	**4.1**	0.55	0.066	
591-78-6	2-Hexanone	<0.25	2.1	0.25	<0.062	0.51	0.062	
124-48-1	Dibromochloromethane	<0.27	2.1	0.27	<0.032	0.24	0.032	
106-93-4	1,2-Dibromoethane	<0.24	2.1	0.24	<0.031	0.27	0.031	
123-86-4	n-Butyl Acetate	**3.0**	2.1	0.28	**0.63**	0.45	0.059	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-98** ALS Project ID: P2003007
Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P2003007-005

Test Code: EPA TO-15 Date Collected: 5/31/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/2/20
Analyst: Simon Cao Date Analyzed: 6/9/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00954

Initial Pressure (psig): -2.14 Final Pressure (psig): 4.58

Canister Dilution Factor: 1.54

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**1.0**	2.1	0.46	**0.22**	0.45	0.099	**J**
127-18-4	Tetrachloroethene	**7.2**	2.0	0.27	**1.1**	0.30	0.039	
108-90-7	Chlorobenzene	<0.27	2.1	0.27	<0.059	0.45	0.059	
100-41-4	Ethylbenzene	**2.4**	2.1	0.29	**0.56**	0.48	0.067	
179601-23-1	m,p-Xylenes	**6.1**	4.2	0.54	**1.4**	0.98	0.12	
75-25-2	Bromoform	<0.42	2.1	0.42	<0.041	0.20	0.041	
100-42-5	Styrene	**3.0**	2.0	0.33	**0.69**	0.48	0.078	
95-47-6	o-Xylene	**2.2**	2.1	0.30	**0.52**	0.48	0.068	
111-84-2	n-Nonane	<0.34	2.1	0.34	<0.065	0.40	0.065	
79-34-5	1,1,2,2-Tetrachloroethane	<0.28	2.1	0.28	<0.042	0.30	0.042	
98-82-8	Cumene	<0.30	2.1	0.30	<0.060	0.42	0.060	
80-56-8	alpha-Pinene	<0.32	2.1	0.32	<0.057	0.37	0.057	
103-65-1	n-Propylbenzene	**0.56**	2.1	0.30	**0.11**	0.42	0.060	**J**
622-96-8	4-Ethyltoluene	**0.74**	2.1	0.33	**0.15**	0.42	0.067	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.54**	2.0	0.30	**0.11**	0.42	0.060	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.6**	2.1	0.28	**0.54**	0.42	0.058	
100-44-7	Benzyl Chloride	<0.46	4.2	0.46	<0.089	0.82	0.089	
541-73-1	1,3-Dichlorobenzene	<0.31	2.1	0.31	<0.051	0.35	0.051	
106-46-7	1,4-Dichlorobenzene	<0.32	2.1	0.32	<0.053	0.35	0.053	
95-50-1	1,2-Dichlorobenzene	<0.30	2.1	0.30	<0.051	0.35	0.051	
5989-27-5	d-Limonene	**0.69**	2.1	0.42	**0.12**	0.37	0.076	**J, B**
96-12-8	1,2-Dibromo-3-chloropropane	<0.39	2.0	0.39	<0.040	0.21	0.040	
120-82-1	1,2,4-Trichlorobenzene	<0.50	2.1	0.50	<0.067	0.28	0.067	
91-20-3	Naphthalene	<0.50	2.0	0.50	<0.096	0.38	0.096	
87-68-3	Hexachlorobutadiene	<0.42	2.0	0.42	<0.040	0.19	0.040	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-99** ALS Project ID: P2003007
Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P2003007-006

Test Code: EPA TO-15 Date Collected: 5/31/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/2/20
Analyst: Simon Cao/Topacio De Leon Date Analyzed: 6/9/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00501

Initial Pressure (psig): -1.18 Final Pressure (psig): 5.16

Canister Dilution Factor: 1.47

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**11**	1.9	0.48	**6.4**	1.1	0.28	
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.9**	1.9	0.32	**0.39**	0.39	0.065	**J**
74-87-3	Chloromethane	**0.52**	1.9	0.32	**0.25**	0.94	0.15	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.31	1.9	0.31	<0.044	0.28	0.044	
75-01-4	Vinyl Chloride	<0.21	2.0	0.21	<0.082	0.78	0.082	
106-99-0	1,3-Butadiene	<0.32	1.9	0.32	<0.15	0.88	0.15	
74-83-9	Bromomethane	<0.27	2.0	0.27	<0.070	0.51	0.070	
75-00-3	Chloroethane	<0.24	2.0	0.24	<0.092	0.75	0.092	
64-17-5	Ethanol	**360**	19	1.4	**190**	10	0.72	**B, V**
75-05-8	Acetonitrile	<0.48	1.9	0.48	<0.28	1.2	0.28	
107-02-8	Acrolein	**2.8**	3.7	0.55	**1.2**	1.6	0.24	**J**
67-64-1	Acetone	**39**	19	4.4	**17**	8.2	1.9	
75-69-4	Trichlorofluoromethane (CFC 11)	**4.1**	1.9	0.30	**0.73**	0.35	0.053	
67-63-0	2-Propanol (Isopropyl Alcohol)	**30**	7.7	0.81	**12**	3.1	0.33	
107-13-1	Acrylonitrile	<0.40	1.9	0.40	<0.19	0.90	0.19	
75-35-4	1,1-Dichloroethene	<0.27	2.0	0.27	<0.069	0.50	0.069	
75-09-2	Methylene Chloride	**5.1**	1.9	0.55	**1.5**	0.56	0.16	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.26	2.0	0.26	<0.085	0.63	0.085	**V**
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.38**	2.0	0.28	**0.049**	0.26	0.036	**J**
75-15-0	Carbon Disulfide	**2.1**	4.0	0.59	**0.68**	1.3	0.19	**J**
156-60-5	trans-1,2-Dichloroethene	<0.27	2.0	0.27	<0.069	0.50	0.069	
75-34-3	1,1-Dichloroethane	<0.29	2.0	0.29	<0.071	0.50	0.071	
1634-04-4	Methyl tert-Butyl Ether	**2.3**	2.0	0.23	**0.63**	0.55	0.064	
108-05-4	Vinyl Acetate	**23**	20	4.4	**6.7**	5.6	1.3	
78-93-3	2-Butanone (MEK)	**8.4**	4.0	0.40	**2.9**	1.4	0.14	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-99** ALS Project ID: P2003007
Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P2003007-006

Test Code: EPA TO-15 Date Collected: 5/31/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/2/20
Analyst: Simon Cao/Topacio De Leon Date Analyzed: 6/9/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00501

Initial Pressure (psig): -1.18 Final Pressure (psig): 5.16

Canister Dilution Factor: 1.47

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.28	1.9	0.28	<0.070	0.49	0.070	
141-78-6	Ethyl Acetate	**880**	40	10	**240**	11	2.9	**D**
110-54-3	n-Hexane	**4.9**	2.0	0.40	**1.4**	0.56	0.11	
67-66-3	Chloroform	<0.26	2.0	0.26	<0.053	0.41	0.053	
109-99-9	Tetrahydrofuran (THF)	**2.0**	2.0	0.25	**0.66**	0.69	0.084	**J**
107-06-2	1,2-Dichloroethane	<0.22	2.0	0.22	<0.054	0.49	0.054	
71-55-6	1,1,1-Trichloroethane	<0.24	2.0	0.24	<0.044	0.36	0.044	
71-43-2	Benzene	**5.5**	1.9	0.28	**1.7**	0.61	0.089	
56-23-5	Carbon Tetrachloride	**0.37**	1.9	0.27	**0.059**	0.31	0.043	**J**
110-82-7	Cyclohexane	**2.2**	4.0	0.55	**0.65**	1.2	0.16	**J**
78-87-5	1,2-Dichloropropane	<0.24	2.0	0.24	<0.053	0.43	0.053	
75-27-4	Bromodichloromethane	<0.28	2.0	0.28	<0.042	0.30	0.042	
79-01-6	Trichloroethene	**0.77**	2.0	0.26	**0.14**	0.37	0.049	**J**
123-91-1	1,4-Dioxane	<0.23	2.0	0.23	<0.064	0.55	0.064	
80-62-6	Methyl Methacrylate	**2.5**	4.0	0.70	**0.62**	0.99	0.17	**J**
142-82-5	n-Heptane	**8.1**	2.0	0.31	**2.0**	0.48	0.076	
10061-01-5	cis-1,3-Dichloropropene	<0.31	1.9	0.31	<0.067	0.42	0.067	
108-10-1	4-Methyl-2-pentanone	**1.0**	1.9	0.27	**0.25**	0.48	0.065	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.40	1.9	0.40	<0.089	0.43	0.089	
79-00-5	1,1,2-Trichloroethane	<0.20	2.0	0.20	<0.036	0.36	0.036	
108-88-3	Toluene	**59**	2.0	0.24	**16**	0.53	0.063	
591-78-6	2-Hexanone	<0.24	2.0	0.24	<0.059	0.48	0.059	
124-48-1	Dibromochloromethane	<0.26	2.0	0.26	<0.030	0.23	0.030	
106-93-4	1,2-Dibromoethane	<0.23	2.0	0.23	<0.030	0.26	0.030	
123-86-4	n-Butyl Acetate	**3.5**	2.0	0.27	**0.75**	0.43	0.056	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
D = The reported result is from a dilution.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-99** ALS Project ID: P2003007
Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P2003007-006

Test Code: EPA TO-15 Date Collected: 5/31/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/2/20
Analyst: Simon Cao/Topacio De Leon Date Analyzed: 6/9/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00501

Initial Pressure (psig): -1.18 Final Pressure (psig): 5.16

Canister Dilution Factor: 1.47

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**2.8**	2.0	0.44	**0.60**	0.42	0.094	
127-18-4	Tetrachloroethene	**0.98**	1.9	0.25	**0.14**	0.28	0.037	**J**
108-90-7	Chlorobenzene	<0.26	2.0	0.26	<0.057	0.43	0.057	
100-41-4	Ethylbenzene	**5.1**	2.0	0.28	**1.2**	0.46	0.063	
179601-23-1	m,p-Xylenes	**12**	4.0	0.51	**2.8**	0.93	0.12	
75-25-2	Bromoform	<0.40	2.0	0.40	<0.039	0.19	0.039	
100-42-5	Styrene	**5.5**	1.9	0.32	**1.3**	0.46	0.074	
95-47-6	o-Xylene	**5.3**	2.0	0.28	**1.2**	0.46	0.065	
111-84-2	n-Nonane	**2.3**	2.0	0.33	**0.44**	0.38	0.062	
79-34-5	1,1,2,2-Tetrachloroethane	<0.27	2.0	0.27	<0.040	0.29	0.040	
98-82-8	Cumene	**0.35**	2.0	0.28	**0.070**	0.40	0.058	**J**
80-56-8	alpha-Pinene	**1.2**	2.0	0.30	**0.21**	0.36	0.054	**J**
103-65-1	n-Propylbenzene	**0.55**	2.0	0.28	**0.11**	0.40	0.058	**J**
622-96-8	4-Ethyltoluene	**0.75**	2.0	0.31	**0.15**	0.40	0.064	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.62**	1.9	0.28	**0.13**	0.40	0.058	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.8**	2.0	0.27	**0.57**	0.40	0.055	
100-44-7	Benzyl Chloride	<0.44	4.0	0.44	<0.085	0.78	0.085	
541-73-1	1,3-Dichlorobenzene	<0.29	2.0	0.29	<0.049	0.33	0.049	
106-46-7	1,4-Dichlorobenzene	<0.30	2.0	0.30	<0.050	0.33	0.050	
95-50-1	1,2-Dichlorobenzene	<0.29	2.0	0.29	<0.048	0.33	0.048	
5989-27-5	d-Limonene	**3.7**	2.0	0.40	**0.66**	0.36	0.073	**B**
96-12-8	1,2-Dibromo-3-chloropropane	<0.37	1.9	0.37	<0.038	0.20	0.038	
120-82-1	1,2,4-Trichlorobenzene	<0.48	2.0	0.48	<0.064	0.27	0.064	
91-20-3	Naphthalene	<0.48	1.9	0.48	<0.091	0.36	0.091	
87-68-3	Hexachlorobutadiene	<0.40	1.9	0.40	<0.038	0.18	0.038	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003007

Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P200608-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA

Analyst: Simon Cao Date Analyzed: 6/8/20

Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.13	0.53	0.13	<0.076	0.31	0.076	
75-71-8	Dichlorodifluoromethane (CFC 12)	<0.087	0.53	0.087	<0.018	0.11	0.018	
74-87-3	Chloromethane	<0.086	0.53	0.086	<0.042	0.26	0.042	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.084	0.53	0.084	<0.012	0.076	0.012	
75-01-4	Vinyl Chloride	<0.057	0.54	0.057	<0.022	0.21	0.022	
106-99-0	1,3-Butadiene	<0.088	0.53	0.088	<0.040	0.24	0.040	
74-83-9	Bromomethane	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-00-3	Chloroethane	<0.066	0.54	0.066	<0.025	0.20	0.025	
64-17-5	Ethanol	**0.48**	5.2	0.37	**0.25**	2.8	0.20	**J, V**
75-05-8	Acetonitrile	<0.13	0.53	0.13	<0.077	0.32	0.077	
107-02-8	Acrolein	<0.15	1.0	0.15	<0.065	0.44	0.065	
67-64-1	Acetone	<1.2	5.3	1.2	<0.51	2.2	0.51	
75-69-4	Trichlorofluoromethane (CFC 11)	<0.081	0.53	0.081	<0.014	0.094	0.014	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.22	2.1	0.22	<0.090	0.85	0.090	
107-13-1	Acrylonitrile	<0.11	0.53	0.11	<0.051	0.24	0.051	
75-35-4	1,1-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-09-2	Methylene Chloride	<0.15	0.53	0.15	<0.043	0.15	0.043	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.072	0.54	0.072	<0.023	0.17	0.023	**V**
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.076	0.54	0.076	<0.0099	0.070	0.0099	
75-15-0	Carbon Disulfide	<0.16	1.1	0.16	<0.051	0.35	0.051	
156-60-5	trans-1,2-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-34-3	1,1-Dichloroethane	<0.078	0.55	0.078	<0.019	0.14	0.019	
1634-04-4	Methyl tert-Butyl Ether	<0.063	0.54	0.063	<0.017	0.15	0.017	
108-05-4	Vinyl Acetate	<1.2	5.4	1.2	<0.34	1.5	0.34	
78-93-3	2-Butanone (MEK)	<0.11	1.1	0.11	<0.037	0.37	0.037	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003007

Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P200608-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA

Analyst: Simon Cao Date Analyzed: 6/8/20

Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.075	0.53	0.075	<0.019	0.13	0.019	
141-78-6	Ethyl Acetate	<0.28	1.1	0.28	<0.078	0.31	0.078	
110-54-3	n-Hexane	<0.11	0.54	0.11	<0.031	0.15	0.031	
67-66-3	Chloroform	<0.071	0.54	0.071	<0.015	0.11	0.015	
109-99-9	Tetrahydrofuran (THF)	<0.067	0.55	0.067	<0.023	0.19	0.023	
107-06-2	1,2-Dichloroethane	<0.059	0.54	0.059	<0.015	0.13	0.015	
71-55-6	1,1,1-Trichloroethane	<0.066	0.54	0.066	<0.012	0.099	0.012	
71-43-2	Benzene	<0.077	0.53	0.077	<0.024	0.17	0.024	
56-23-5	Carbon Tetrachloride	<0.074	0.53	0.074	<0.012	0.084	0.012	
110-82-7	Cyclohexane	<0.15	1.1	0.15	<0.044	0.32	0.044	
78-87-5	1,2-Dichloropropane	<0.066	0.54	0.066	<0.014	0.12	0.014	
75-27-4	Bromodichloromethane	<0.077	0.54	0.077	<0.011	0.081	0.011	
79-01-6	Trichloroethene	<0.072	0.54	0.072	<0.013	0.10	0.013	
123-91-1	1,4-Dioxane	<0.063	0.54	0.063	<0.017	0.15	0.017	
80-62-6	Methyl Methacrylate	<0.19	1.1	0.19	<0.046	0.27	0.046	
142-82-5	n-Heptane	<0.085	0.54	0.085	<0.021	0.13	0.021	
10061-01-5	cis-1,3-Dichloropropene	<0.083	0.52	0.083	<0.018	0.11	0.018	
108-10-1	4-Methyl-2-pentanone	<0.073	0.53	0.073	<0.018	0.13	0.018	
10061-02-6	trans-1,3-Dichloropropene	<0.11	0.53	0.11	<0.024	0.12	0.024	
79-00-5	1,1,2-Trichloroethane	<0.054	0.54	0.054	<0.0099	0.099	0.0099	
108-88-3	Toluene	<0.065	0.54	0.065	<0.017	0.14	0.017	
591-78-6	2-Hexanone	<0.066	0.54	0.066	<0.016	0.13	0.016	
124-48-1	Dibromochloromethane	<0.070	0.54	0.070	<0.0082	0.063	0.0082	
106-93-4	1,2-Dibromoethane	<0.062	0.54	0.062	<0.0081	0.070	0.0081	
123-86-4	n-Butyl Acetate	<0.073	0.55	0.073	<0.015	0.12	0.015	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003007

Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P200608-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA

Analyst: Simon Cao Date Analyzed: 6/8/20

Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.12	0.54	0.12	<0.026	0.12	0.026	
127-18-4	Tetrachloroethene	<0.069	0.52	0.069	<0.010	0.077	0.010	
108-90-7	Chlorobenzene	<0.071	0.54	0.071	<0.015	0.12	0.015	
100-41-4	Ethylbenzene	<0.075	0.54	0.075	<0.017	0.12	0.017	
179601-23-1	m,p-Xylenes	<0.14	1.1	0.14	<0.032	0.25	0.032	
75-25-2	Bromoform	<0.11	0.54	0.11	<0.011	0.052	0.011	
100-42-5	Styrene	<0.086	0.53	0.086	<0.020	0.12	0.020	
95-47-6	o-Xylene	<0.077	0.54	0.077	<0.018	0.12	0.018	
111-84-2	n-Nonane	<0.089	0.54	0.089	<0.017	0.10	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	<0.074	0.54	0.074	<0.011	0.079	0.011	
98-82-8	Cumene	<0.077	0.54	0.077	<0.016	0.11	0.016	
80-56-8	alpha-Pinene	<0.082	0.54	0.082	<0.015	0.097	0.015	
103-65-1	n-Propylbenzene	<0.077	0.54	0.077	<0.016	0.11	0.016	
622-96-8	4-Ethyltoluene	<0.085	0.54	0.085	<0.017	0.11	0.017	
108-67-8	1,3,5-Trimethylbenzene	<0.077	0.53	0.077	<0.016	0.11	0.016	
95-63-6	1,2,4-Trimethylbenzene	<0.074	0.54	0.074	<0.015	0.11	0.015	
100-44-7	Benzyl Chloride	<0.12	1.1	0.12	<0.023	0.21	0.023	
541-73-1	1,3-Dichlorobenzene	<0.080	0.54	0.080	<0.013	0.090	0.013	
106-46-7	1,4-Dichlorobenzene	<0.082	0.54	0.082	<0.014	0.090	0.014	
95-50-1	1,2-Dichlorobenzene	<0.079	0.54	0.079	<0.013	0.090	0.013	
5989-27-5	d-Limonene	**0.20**	0.54	0.11	**0.036**	0.097	0.020	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.53	0.10	<0.010	0.055	0.010	
120-82-1	1,2,4-Trichlorobenzene	<0.13	0.54	0.13	<0.018	0.073	0.018	
91-20-3	Naphthalene	<0.13	0.52	0.13	<0.025	0.099	0.025	
87-68-3	Hexachlorobutadiene	<0.11	0.53	0.11	<0.010	0.050	0.010	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003007

Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P200609-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA

Analyst: Topacio De Leon Date Analyzed: 6/9/20

Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.13	0.53	0.13	<0.076	0.31	0.076	**V**
75-71-8	Dichlorodifluoromethane (CFC 12)	<0.087	0.53	0.087	<0.018	0.11	0.018	
74-87-3	Chloromethane	<0.086	0.53	0.086	<0.042	0.26	0.042	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.084	0.53	0.084	<0.012	0.076	0.012	
75-01-4	Vinyl Chloride	<0.057	0.54	0.057	<0.022	0.21	0.022	
106-99-0	1,3-Butadiene	<0.088	0.53	0.088	<0.040	0.24	0.040	
74-83-9	Bromomethane	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-00-3	Chloroethane	<0.066	0.54	0.066	<0.025	0.20	0.025	
64-17-5	Ethanol	<0.37	5.2	0.37	<0.20	2.8	0.20	**V**
75-05-8	Acetonitrile	<0.13	0.53	0.13	<0.077	0.32	0.077	**V**
107-02-8	Acrolein	<0.15	1.0	0.15	<0.065	0.44	0.065	
67-64-1	Acetone	<1.2	5.3	1.2	<0.51	2.2	0.51	**V**
75-69-4	Trichlorofluoromethane (CFC 11)	<0.081	0.53	0.081	<0.014	0.094	0.014	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.22	2.1	0.22	<0.090	0.85	0.090	
107-13-1	Acrylonitrile	<0.11	0.53	0.11	<0.051	0.24	0.051	
75-35-4	1,1-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-09-2	Methylene Chloride	<0.15	0.53	0.15	<0.043	0.15	0.043	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.072	0.54	0.072	<0.023	0.17	0.023	**V**
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.076	0.54	0.076	<0.0099	0.070	0.0099	
75-15-0	Carbon Disulfide	<0.16	1.1	0.16	<0.051	0.35	0.051	
156-60-5	trans-1,2-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-34-3	1,1-Dichloroethane	<0.078	0.55	0.078	<0.019	0.14	0.019	
1634-04-4	Methyl tert-Butyl Ether	<0.063	0.54	0.063	<0.017	0.15	0.017	
108-05-4	Vinyl Acetate	<1.2	5.4	1.2	<0.34	1.5	0.34	
78-93-3	2-Butanone (MEK)	<0.11	1.1	0.11	<0.037	0.37	0.037	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003007

Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P200609-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA

Analyst: Topacio De Leon Date Analyzed: 6/9/20

Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.075	0.53	0.075	<0.019	0.13	0.019	
141-78-6	Ethyl Acetate	<0.28	1.1	0.28	<0.078	0.31	0.078	
110-54-3	n-Hexane	<0.11	0.54	0.11	<0.031	0.15	0.031	
67-66-3	Chloroform	<0.071	0.54	0.071	<0.015	0.11	0.015	
109-99-9	Tetrahydrofuran (THF)	<0.067	0.55	0.067	<0.023	0.19	0.023	
107-06-2	1,2-Dichloroethane	<0.059	0.54	0.059	<0.015	0.13	0.015	
71-55-6	1,1,1-Trichloroethane	<0.066	0.54	0.066	<0.012	0.099	0.012	
71-43-2	Benzene	<0.077	0.53	0.077	<0.024	0.17	0.024	
56-23-5	Carbon Tetrachloride	<0.074	0.53	0.074	<0.012	0.084	0.012	
110-82-7	Cyclohexane	<0.15	1.1	0.15	<0.044	0.32	0.044	
78-87-5	1,2-Dichloropropane	<0.066	0.54	0.066	<0.014	0.12	0.014	
75-27-4	Bromodichloromethane	<0.077	0.54	0.077	<0.011	0.081	0.011	
79-01-6	Trichloroethene	<0.072	0.54	0.072	<0.013	0.10	0.013	
123-91-1	1,4-Dioxane	<0.063	0.54	0.063	<0.017	0.15	0.017	
80-62-6	Methyl Methacrylate	<0.19	1.1	0.19	<0.046	0.27	0.046	
142-82-5	n-Heptane	<0.085	0.54	0.085	<0.021	0.13	0.021	
10061-01-5	cis-1,3-Dichloropropene	<0.083	0.52	0.083	<0.018	0.11	0.018	
108-10-1	4-Methyl-2-pentanone	<0.073	0.53	0.073	<0.018	0.13	0.018	
10061-02-6	trans-1,3-Dichloropropene	<0.11	0.53	0.11	<0.024	0.12	0.024	
79-00-5	1,1,2-Trichloroethane	<0.054	0.54	0.054	<0.0099	0.099	0.0099	
108-88-3	Toluene	<0.065	0.54	0.065	<0.017	0.14	0.017	
591-78-6	2-Hexanone	<0.066	0.54	0.066	<0.016	0.13	0.016	
124-48-1	Dibromochloromethane	<0.070	0.54	0.070	<0.0082	0.063	0.0082	
106-93-4	1,2-Dibromoethane	<0.062	0.54	0.062	<0.0081	0.070	0.0081	
123-86-4	n-Butyl Acetate	<0.073	0.55	0.073	<0.015	0.12	0.015	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003007

Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P200609-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA

Analyst: Topacio De Leon Date Analyzed: 6/9/20

Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.12	0.54	0.12	<0.026	0.12	0.026	
127-18-4	Tetrachloroethene	<0.069	0.52	0.069	<0.010	0.077	0.010	
108-90-7	Chlorobenzene	<0.071	0.54	0.071	<0.015	0.12	0.015	
100-41-4	Ethylbenzene	<0.075	0.54	0.075	<0.017	0.12	0.017	
179601-23-1	m,p-Xylenes	<0.14	1.1	0.14	<0.032	0.25	0.032	
75-25-2	Bromoform	<0.11	0.54	0.11	<0.011	0.052	0.011	
100-42-5	Styrene	<0.086	0.53	0.086	<0.020	0.12	0.020	
95-47-6	o-Xylene	<0.077	0.54	0.077	<0.018	0.12	0.018	
111-84-2	n-Nonane	<0.089	0.54	0.089	<0.017	0.10	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	<0.074	0.54	0.074	<0.011	0.079	0.011	
98-82-8	Cumene	<0.077	0.54	0.077	<0.016	0.11	0.016	
80-56-8	alpha-Pinene	<0.082	0.54	0.082	<0.015	0.097	0.015	
103-65-1	n-Propylbenzene	<0.077	0.54	0.077	<0.016	0.11	0.016	
622-96-8	4-Ethyltoluene	<0.085	0.54	0.085	<0.017	0.11	0.017	
108-67-8	1,3,5-Trimethylbenzene	<0.077	0.53	0.077	<0.016	0.11	0.016	
95-63-6	1,2,4-Trimethylbenzene	<0.074	0.54	0.074	<0.015	0.11	0.015	
100-44-7	Benzyl Chloride	<0.12	1.1	0.12	<0.023	0.21	0.023	
541-73-1	1,3-Dichlorobenzene	<0.080	0.54	0.080	<0.013	0.090	0.013	
106-46-7	1,4-Dichlorobenzene	<0.082	0.54	0.082	<0.014	0.090	0.014	
95-50-1	1,2-Dichlorobenzene	<0.079	0.54	0.079	<0.013	0.090	0.013	
5989-27-5	d-Limonene	**0.15**	0.54	0.11	**0.027**	0.097	0.020	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.53	0.10	<0.010	0.055	0.010	
120-82-1	1,2,4-Trichlorobenzene	<0.13	0.54	0.13	<0.018	0.073	0.018	
91-20-3	Naphthalene	<0.13	0.52	0.13	<0.025	0.099	0.025	
87-68-3	Hexachlorobutadiene	<0.11	0.53	0.11	<0.010	0.050	0.010	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Project ID: P2003007

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 5/31/20
Analyst: Simon Cao Date(s) Received: 6/2/20
Sample Type: 1.0 L Summa Canister(s) Date(s) Analyzed: 6/8 - 6/9/20
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P200608-MB	**95**	**102**	**101**	70-130	
Method Blank	P200609-MB	**91**	**101**	**105**	70-130	
Lab Control Sample	P200608-LCS	**96**	**101**	**102**	70-130	
Lab Control Sample	P200609-LCS	**92**	**101**	**106**	70-130	
SG-106	P2003007-001	**93**	**100**	**106**	70-130	
SG-109	P2003007-002	**94**	**100**	**107**	70-130	
SG-10	P2003007-003	**94**	**100**	**108**	70-130	
SG-14	P2003007-004	**94**	**100**	**108**	70-130	
SG-98	P2003007-005	**94**	**99**	**107**	70-130	
SG-99	P2003007-006	**94**	**100**	**108**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003007
Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P200608-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 6/8/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
115-07-1	Propene	210	**167**	**80**	51-133	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**177**	**84**	64-115	
74-87-3	Chloromethane	212	**156**	**74**	49-127	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	206	**169**	**82**	65-114	
75-01-4	Vinyl Chloride	212	**180**	**85**	61-129	
106-99-0	1,3-Butadiene	212	**171**	**81**	54-140	
74-83-9	Bromomethane	212	**180**	**85**	68-120	
75-00-3	Chloroethane	214	**177**	**83**	63-123	
64-17-5	Ethanol	1,060	**719**	**68**	49-134	
75-05-8	Acetonitrile	214	**159**	**74**	50-137	
107-02-8	Acrolein	206	**161**	**78**	62-128	
67-64-1	Acetone	1,070	**826**	**77**	56-125	
75-69-4	Trichlorofluoromethane (CFC 11)	212	**179**	**84**	64-115	
67-63-0	2-Propanol (Isopropyl Alcohol)	422	**321**	**76**	57-133	
107-13-1	Acrylonitrile	212	**185**	**87**	64-136	
75-35-4	1,1-Dichloroethene	214	**181**	**85**	67-115	
75-09-2	Methylene Chloride	210	**181**	**86**	68-114	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	214	**147**	**69**	55-139	
76-13-1	Trichlorotrifluoroethane (CFC 113)	216	**184**	**85**	65-115	
75-15-0	Carbon Disulfide	212	**182**	**86**	68-113	
156-60-5	trans-1,2-Dichloroethene	214	**197**	**92**	65-122	
75-34-3	1,1-Dichloroethane	212	**175**	**83**	63-118	
1634-04-4	Methyl tert-Butyl Ether	214	**184**	**86**	57-131	
108-05-4	Vinyl Acetate	1,070	**984**	**92**	71-128	
78-93-3	2-Butanone (MEK)	212	**193**	**91**	67-123	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003007
Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P200608-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 6/8/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	212	**182**	**86**	64-120	
141-78-6	Ethyl Acetate	432	**394**	**91**	64-131	
110-54-3	n-Hexane	216	**174**	**81**	58-125	
67-66-3	Chloroform	214	**179**	**84**	65-114	
109-99-9	Tetrahydrofuran (THF)	220	**187**	**85**	65-115	
107-06-2	1,2-Dichloroethane	214	**181**	**85**	59-119	
71-55-6	1,1,1-Trichloroethane	214	**185**	**86**	66-115	
71-43-2	Benzene	210	**177**	**84**	66-109	
56-23-5	Carbon Tetrachloride	208	**178**	**86**	66-119	
110-82-7	Cyclohexane	422	**356**	**84**	67-117	
78-87-5	1,2-Dichloropropane	214	**184**	**86**	66-119	
75-27-4	Bromodichloromethane	218	**183**	**84**	71-119	
79-01-6	Trichloroethene	216	**184**	**85**	70-114	
123-91-1	1,4-Dioxane	216	**189**	**88**	71-117	
80-62-6	Methyl Methacrylate	430	**397**	**92**	76-121	
142-82-5	n-Heptane	214	**184**	**86**	66-119	
10061-01-5	cis-1,3-Dichloropropene	214	**198**	**93**	72-125	
108-10-1	4-Methyl-2-pentanone	212	**192**	**91**	68-130	
10061-02-6	trans-1,3-Dichloropropene	212	**203**	**96**	71-132	
79-00-5	1,1,2-Trichloroethane	214	**186**	**87**	70-117	
108-88-3	Toluene	212	**181**	**85**	67-113	
591-78-6	2-Hexanone	216	**188**	**87**	62-135	
124-48-1	Dibromochloromethane	214	**192**	**90**	73-126	
106-93-4	1,2-Dibromoethane	214	**201**	**94**	71-122	
123-86-4	n-Butyl Acetate	218	**215**	**99**	65-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003007
Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P200608-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 6/8/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
111-65-9	n-Octane	216	**177**	**82**	63-120	
127-18-4	Tetrachloroethene	208	**181**	**87**	64-120	
108-90-7	Chlorobenzene	214	**182**	**85**	65-116	
100-41-4	Ethylbenzene	212	**184**	**87**	65-117	
179601-23-1	m,p-Xylenes	426	**363**	**85**	64-121	
75-25-2	Bromoform	214	**196**	**92**	72-130	
100-42-5	Styrene	212	**197**	**93**	72-126	
95-47-6	o-Xylene	214	**181**	**85**	64-120	
111-84-2	n-Nonane	214	**172**	**80**	56-132	
79-34-5	1,1,2,2-Tetrachloroethane	214	**188**	**88**	66-122	
98-82-8	Cumene	214	**182**	**85**	64-121	
80-56-8	alpha-Pinene	212	**184**	**87**	62-136	
103-65-1	n-Propylbenzene	214	**186**	**87**	65-123	
622-96-8	4-Ethyltoluene	210	**177**	**84**	71-126	
108-67-8	1,3,5-Trimethylbenzene	212	**177**	**83**	65-120	
95-63-6	1,2,4-Trimethylbenzene	212	**186**	**88**	63-129	
100-44-7	Benzyl Chloride	214	**199**	**93**	66-138	
541-73-1	1,3-Dichlorobenzene	214	**194**	**91**	65-127	
106-46-7	1,4-Dichlorobenzene	214	**189**	**88**	65-125	
95-50-1	1,2-Dichlorobenzene	214	**191**	**89**	67-128	
5989-27-5	d-Limonene	212	**181**	**85**	65-136	
96-12-8	1,2-Dibromo-3-chloropropane	214	**191**	**89**	73-133	
120-82-1	1,2,4-Trichlorobenzene	216	**213**	**99**	62-140	
91-20-3	Naphthalene	212	**211**	**100**	57-149	
87-68-3	Hexachlorobutadiene	214	**183**	**86**	57-129	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003007
Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P200609-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Topacio De Leon Date Analyzed: 6/9/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
115-07-1	Propene	210	**147**	**70**	51-133	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**167**	**80**	64-115	
74-87-3	Chloromethane	212	**146**	**69**	49-127	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	206	**165**	**80**	65-114	
75-01-4	Vinyl Chloride	212	**164**	**77**	61-129	
106-99-0	1,3-Butadiene	212	**154**	**73**	54-140	
74-83-9	Bromomethane	212	**172**	**81**	68-120	
75-00-3	Chloroethane	214	**164**	**77**	63-123	
64-17-5	Ethanol	1,060	**645**	**61**	49-134	
75-05-8	Acetonitrile	214	**142**	**66**	50-137	
107-02-8	Acrolein	206	**148**	**72**	62-128	
67-64-1	Acetone	1,070	**756**	**71**	56-125	
75-69-4	Trichlorofluoromethane (CFC 11)	212	**169**	**80**	64-115	
67-63-0	2-Propanol (Isopropyl Alcohol)	422	**295**	**70**	57-133	
107-13-1	Acrylonitrile	212	**169**	**80**	64-136	
75-35-4	1,1-Dichloroethene	214	**173**	**81**	67-115	
75-09-2	Methylene Chloride	210	**171**	**81**	68-114	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	214	**131**	**61**	55-139	
76-13-1	Trichlorotrifluoroethane (CFC 113)	216	**179**	**83**	65-115	
75-15-0	Carbon Disulfide	212	**171**	**81**	68-113	
156-60-5	trans-1,2-Dichloroethene	214	**183**	**86**	65-122	
75-34-3	1,1-Dichloroethane	212	**162**	**76**	63-118	
1634-04-4	Methyl tert-Butyl Ether	214	**175**	**82**	57-131	
108-05-4	Vinyl Acetate	1,070	**928**	**87**	71-128	
78-93-3	2-Butanone (MEK)	212	**181**	**85**	67-123	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003007
Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P200609-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Topacio De Leon Date Analyzed: 6/9/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
156-59-2	cis-1,2-Dichloroethene	212	**169**	**80**	64-120	
141-78-6	Ethyl Acetate	432	**361**	**84**	64-131	
110-54-3	n-Hexane	216	**159**	**74**	58-125	
67-66-3	Chloroform	214	**169**	**79**	65-114	
109-99-9	Tetrahydrofuran (THF)	220	**176**	**80**	65-115	
107-06-2	1,2-Dichloroethane	214	**169**	**79**	59-119	
71-55-6	1,1,1-Trichloroethane	214	**176**	**82**	66-115	
71-43-2	Benzene	210	**168**	**80**	66-109	
56-23-5	Carbon Tetrachloride	208	**170**	**82**	66-119	
110-82-7	Cyclohexane	422	**340**	**81**	67-117	
78-87-5	1,2-Dichloropropane	214	**173**	**81**	66-119	
75-27-4	Bromodichloromethane	218	**172**	**79**	71-119	
79-01-6	Trichloroethene	216	**180**	**83**	70-114	
123-91-1	1,4-Dioxane	216	**181**	**84**	71-117	
80-62-6	Methyl Methacrylate	430	**384**	**89**	76-121	
142-82-5	n-Heptane	214	**173**	**81**	66-119	
10061-01-5	cis-1,3-Dichloropropene	214	**188**	**88**	72-125	
108-10-1	4-Methyl-2-pentanone	212	**178**	**84**	68-130	
10061-02-6	trans-1,3-Dichloropropene	212	**192**	**91**	71-132	
79-00-5	1,1,2-Trichloroethane	214	**179**	**84**	70-117	
108-88-3	Toluene	212	**175**	**83**	67-113	
591-78-6	2-Hexanone	216	**170**	**79**	62-135	
124-48-1	Dibromochloromethane	214	**185**	**86**	73-126	
106-93-4	1,2-Dibromoethane	214	**194**	**91**	71-122	
123-86-4	n-Butyl Acetate	218	**195**	**89**	65-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003007
Client Project ID: **Tel Hashomer / KTE-49-20-Simi** ALS Sample ID: P200609-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Topacio De Leon Date Analyzed: 6/9/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
111-65-9	n-Octane	216	**165**	**76**	63-120	
127-18-4	Tetrachloroethene	208	**179**	**86**	64-120	
108-90-7	Chlorobenzene	214	**177**	**83**	65-116	
100-41-4	Ethylbenzene	212	**177**	**83**	65-117	
179601-23-1	m,p-Xylenes	426	**349**	**82**	64-121	
75-25-2	Bromoform	214	**191**	**89**	72-130	
100-42-5	Styrene	212	**191**	**90**	72-126	
95-47-6	o-Xylene	214	**173**	**81**	64-120	
111-84-2	n-Nonane	214	**157**	**73**	56-132	
79-34-5	1,1,2,2-Tetrachloroethane	214	**179**	**84**	66-122	
98-82-8	Cumene	214	**176**	**82**	64-121	
80-56-8	alpha-Pinene	212	**178**	**84**	62-136	
103-65-1	n-Propylbenzene	214	**179**	**84**	65-123	
622-96-8	4-Ethyltoluene	210	**170**	**81**	71-126	
108-67-8	1,3,5-Trimethylbenzene	212	**172**	**81**	65-120	
95-63-6	1,2,4-Trimethylbenzene	212	**179**	**84**	63-129	
100-44-7	Benzyl Chloride	214	**189**	**88**	66-138	
541-73-1	1,3-Dichlorobenzene	214	**191**	**89**	65-127	
106-46-7	1,4-Dichlorobenzene	214	**184**	**86**	65-125	
95-50-1	1,2-Dichlorobenzene	214	**187**	**87**	67-128	
5989-27-5	d-Limonene	212	**169**	**80**	65-136	
96-12-8	1,2-Dibromo-3-chloropropane	214	**187**	**87**	73-133	
120-82-1	1,2,4-Trichlorobenzene	216	**211**	**98**	62-140	
91-20-3	Naphthalene	212	**207**	**98**	57-149	
87-68-3	Hexachlorobutadiene	214	**181**	**85**	57-129	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Response Factor Report MS09

Method Path : I:\MS09\Methods\
Method File : R9060320.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
Last Update : Thu Jun 04 09:18:51 2020
Response Via : Initial Calibration

6/4/20

Calibration Files
0.1 =06032005.D 0.2 =06032006.D 0.5 =06032007.D 1.0 =06032008.D 5.0 =06032009.D 25 =06032
100 =06032012.D

		Compound	0.1	0.2	0.5	1.0	5.0	25	50	100	Avg	%RSD
1)	IR	Bromochloromethane...	----------ISTD----------									
2)	T	Propene	1.464	1.274	1.095	0.999	1.244	1.067	1.145	1.099	1.173	12.62
3)	T	Dichlorodifluo...	2.419	2.278	2.038	1.931	2.029	1.995	1.880	1.727	2.037	10.78
4)	T	Chloromethane	1.679	1.601	1.509	1.439	1.480	1.570	1.477	1.217	1.497	9.17
5)	T	1,2-Dichloro-1...	1.302	1.214	1.138	1.067	1.100	1.116	1.080	1.008	1.128	8.16
6)	T	Vinyl Chloride	1.432	1.380	1.352	1.272	1.349	1.381	1.333	1.224	1.340	4.88
7)	T	1,3-Butadiene	1.269	1.088	1.031	0.973	1.004	1.082	1.034	0.941	1.053	9.56
8)	T	Bromomethane	1.253	1.129	1.068	1.017	0.925	0.974	0.921	0.871	1.020	12.37
9)	T	Chloroethane	0.845	0.815	0.748	0.737	0.763	0.798	0.752	0.702	0.770	6.02
10)	T	Ethanol	1.303	1.100	0.873	0.792	0.787	0.768	0.709	0.616	0.868	25.89
11)	T	Acetonitrile		2.860	2.123	1.855	1.821	1.863	1.796	1.673	1.999	20.16
12)	T	Acrolein	0.944	0.841	0.688	0.666	0.714	0.736	0.708	0.662	0.745	13.19
13)	T	Acetone	1.063	1.008	0.849	0.798	0.807	0.784	0.703	0.590	0.825	18.53
14)	T	Trichlorofluor...	2.039	2.004	1.879	1.769	1.835	1.905	1.814	1.699	1.868	6.12
15)	T	2-Propanol (Is...	3.252	3.053	2.669	2.520	2.160	2.587	2.073	1.621	2.492	21.33
16)	T	Acrylonitrile	1.260	1.439	1.341	1.359	1.425	1.509	1.438	1.340	1.389	5.63
17)	T	1,1-Dichloroet...	1.376	1.254	1.162	1.098	1.122	1.191	1.134	1.061	1.175	8.53
18)	T	2-Methyl-2-Pro...	2.837	2.804	2.523	2.469	2.589	2.724	2.523	1.514	2.498	16.84
19)	T	Methylene Chlo...	1.298	1.269	1.142	1.117	1.154	1.227	1.153	1.061	1.178	6.81
20)	T	3-Chloro-1-pro...	2.434	2.166	1.829	1.488	1.586	1.684	1.525	1.394	1.763	20.59
21)	T	Trichlorotrifl...	1.176	1.129	1.104	1.038	1.082	1.110	1.068	1.002	1.089	4.97
22)	T	Carbon Disulfide	4.596	4.267	4.338	4.075	4.192	4.352	4.066	3.655	4.193	6.59
23)	T	trans-1,2-Dich...	1.336	1.326	1.331	1.373	1.520	1.630	1.545	1.433	1.437	8.06
24)	T	1,1-Dichloroet...	2.052	2.068	1.914	1.841	1.886	1.989	1.886	1.731	1.921	5.86
25)	T	Methyl tert-Bu...	3.493	3.295	3.051	3.009	3.155	3.321	3.186	2.988	3.187	5.49
26)	T	Vinyl Acetate	0.220	0.252	0.249	0.255	0.278	0.289	0.264	0.226	0.254	9.21
27)	T	2-Butanone (MEK)	0.640	0.702	0.677	0.730	0.783	0.827	0.786	0.725	0.734	8.48
28)	T	cis-1,2-Dichlo...	1.523	1.544	1.416	1.394	1.463	1.561	1.475	1.365	1.468	4.90
29)	T	Diisopropyl Ether	1.153	1.224	1.169	0.940	0.946	0.958	0.864	0.734	0.998	16.92
30)	T	Ethyl Acetate	0.342	0.378	0.379	0.369	0.401	0.397	0.347	0.281	0.362	10.70
31)	T	n-Hexane	2.334	2.108	1.863	1.780	1.777	1.753	1.518	1.215	1.793	18.95
32)	T	Chloroform	2.196	2.121	1.935	1.838	1.889	2.008	1.901	1.764	1.956	7.39
33)	S	1,2-Dichloroet...	1.330	1.335	1.338	1.332	1.322	1.338	1.333	1.326	1.332	0.42
34)	T	Tetrahydrofura...	0.796	0.772	0.752	0.725	0.738	0.784	0.749	0.692	0.751	4.49
35)	T	Ethyl tert-But...	1.452	1.420	1.322	1.293	1.335	1.419	1.329	1.217	1.348	5.77
36)	T	1,2-Dichloroet...	1.375	1.357	1.324	1.281	1.318	1.422	1.355	1.267	1.337	3.78
37)	IR	1,4-Difluorobenzen...	----------ISTD----------									
38)	T	1,1,1-Trichlor...	0.445	0.416	0.393	0.377	0.384	0.405	0.385	0.359	0.396	6.68
39)	T	Isopropyl Acetate	0.162	0.168	0.160	0.160	0.161	0.163	0.146	0.126	0.156	8.76
40)	T	1-Butanol	0.343	0.285	0.259	0.257	0.269	0.261	0.236	0.206	0.265	14.94
41)	T	Benzene	1.235	1.176	1.081	1.053	1.069	1.102	1.025	0.923	1.083	8.70
42)	T	Carbon Tetrach...	0.402	0.383	0.366	0.346	0.356	0.381	0.361	0.338	0.367	5.77
43)	T	Cyclohexane	0.512	0.462	0.423	0.409	0.412	0.422	0.385	0.333	0.420	12.54
44)	T	tert-Amyl Meth...	0.823	0.784	0.720	0.699	0.733	0.770	0.715	0.646	0.736	7.47
45)	T	1,2-Dichloropr...	0.289	0.266	0.252	0.245	0.248	0.264	0.246	0.225	0.254	7.37
46)	T	Bromodichlorom...	0.399	0.371	0.346	0.340	0.346	0.368	0.345	0.317	0.354	6.95
47)	T	Trichloroethene	0.342	0.330	0.302	0.299	0.302	0.322	0.303	0.278	0.310	6.50
48)	T	1,4-Dioxane	0.209	0.240	0.222	0.222	0.226	0.235	0.219	0.196	0.221	6.17
49)	T	2,2,4-Trimethy...	1.300	1.212	1.077	1.031	1.043	1.070	0.982	0.862	1.072	12.53
50)	T	Methyl Methacr...	0.091	0.105	0.108	0.110	0.113	0.121	0.113	0.101	0.108	8.37
51)	T	n-Heptane	0.304	0.284	0.270	0.261	0.264	0.276	0.257	0.229	0.268	8.16
52)	T	cis-1,3-Dichlo...	0.424	0.408	0.415	0.428	0.448	0.473	0.445	0.406	0.430	5.41
53)	T	4-Methyl-2-pen...	0.193	0.219	0.224	0.221	0.232	0.246	0.228	0.204	0.221	7.46
54)	T	trans-1,3-Dich...	0.276	0.336	0.338	0.355	0.396	0.428	0.407	0.377	0.364	13.32

55)	T	1,1,2-Trichlor...	0.288	0.288	0.267	0.257	0.265	0.281	0.266	0.244	0.270	5.71
56)	IR	Chlorobenzene-d5 (...	----------ISTD----------									
57)	S	Toluene-d8 (SS2)	2.603	2.593	2.570	2.609	2.576	2.558	2.541	2.512	2.570	1.28
58)	T	Toluene	3.200	3.012	2.663	2.582	2.611	2.659	2.442	2.132	2.663	12.30
59)	T	2-Hexanone	1.193	1.104	1.129	1.148	1.204	1.215	1.120	0.980	1.137	6.63
60)	T	Dibromochlorom...	0.788	0.802	0.726	0.718	0.740	0.795	0.746	0.679	0.749	5.74
61)	T	1,2-Dibromoethane	0.644	0.708	0.669	0.672	0.716	0.762	0.717	0.652	0.693	5.76
62)	T	n-Butyl Acetate	0.760	1.039	1.007	1.168	1.273	1.352	1.239	1.082	1.115	16.73
63)	T	n-Octane	0.696	0.572	0.510	0.510	0.498	0.515	0.468	0.403	0.522	16.35
64)	T	Tetrachloroethene	0.947	0.897	0.808	0.774	0.784	0.826	0.773	0.697	0.813	9.60
65)	T	Chlorobenzene	2.078	1.964	1.782	1.729	1.795	1.855	2.119	1.530	1.857	10.42
66)	T	Ethylbenzene	3.512	3.255	2.974	2.895	2.951	3.014	2.765	2.404	2.971	10.98
67)	T	m- & p-Xylenes	2.852	2.659	2.383	2.314	2.336	2.377	2.155	1.845	2.365	12.80
68)	T	Bromoform	0.664	0.665	0.628	0.622	0.653	0.705	0.670	0.616	0.653	4.56
69)	T	Styrene	1.889	1.823	1.779	1.776	1.887	1.990	1.836	1.602	1.823	6.19
70)	T	o-Xylene	2.811	2.542	2.375	2.283	2.322	2.365	2.158	1.861	2.340	11.76
71)	T	n-Nonane	1.321	1.321	1.144	1.078	1.086	1.087	0.966	0.806	1.101	15.54
72)	T	1,1,2,2-Tetrac...	1.270	1.203	1.116	1.055	1.105	1.131	1.037	0.886	1.100	10.44
73)	S	Bromofluoroben...	0.842	0.848	0.845	0.843	0.851	0.852	0.863	0.876	0.852	1.36
74)	T	Cumene	3.611	3.305	3.036	2.925	2.982	3.029	2.758	2.362	3.001	12.21
75)	T	alpha-Pinene	1.726	1.657	1.481	1.434	1.517	1.589	1.455	1.255	1.514	9.64
76)	T	n-Propylbenzene	4.067	3.816	3.536	3.449	3.551	3.591	3.249	2.753	3.502	11.10
77)	T	3-Ethyltoluene	3.105	3.080	2.990	2.938	2.913	3.088	2.718	2.392	2.903	8.34
78)	T	4-Ethyltoluene	3.434	3.124	2.827	2.720	2.991	2.907	2.721	2.262	2.873	11.88
79)	T	1,3,5-Trimethy...	3.182	2.898	2.666	2.449	2.521	2.561	2.340	2.020	2.580	13.61
80)	T	alpha-Methylst...	1.418	1.392	1.268	1.254	1.330	1.441	1.325	1.140	1.321	7.50
81)	T	2-Ethyltoluene	3.487	3.254	3.022	2.857	2.940	2.946	2.674	2.279	2.932	12.35
82)	T	1,2,4-Trimethy...	2.771	2.629	2.537	2.438	2.527	2.484	2.179	1.784	2.419	12.69
83)	T	n-Decane	1.208	1.044	1.262	1.233	1.270	1.245	1.080	0.859	1.150	12.58
84)	T	Benzyl Chloride	2.120	2.103	1.952	2.008	2.259	2.287	2.067	1.713	2.064	8.81
85)	T	1,3-Dichlorobe...	1.606	1.568	1.486	1.443	1.523	1.568	1.440	1.226	1.483	8.09
86)	T	1,4-Dichlorobe...	1.840	1.689	1.542	1.514	1.551	1.610	1.493	1.294	1.566	10.09
87)	T	sec-Butylbenzene	4.013	3.720	3.427	3.280	3.381	3.382	3.052	2.575	3.354	12.74
88)	T	4-Isopropyltol...	4.018	3.525	3.309	3.066	3.147	3.042	2.637	2.085	3.104	18.54
89)	T	1,2,3-Trimethy...	2.809	2.646	2.632	2.466	2.524	2.480	2.189	1.771	2.439	13.29
90)	T	1,2-Dichlorobe...	1.627	1.597	1.479	1.404	1.486	1.510	1.374	1.144	1.453	10.41
91)	T	d-Limonene	1.192	1.084	0.873	0.846	0.882	0.928	0.818	0.652	0.909	18.21
92)	T	1,2-Dibromo-3-...	0.521	0.557	0.536	0.528	0.571	0.600	0.572	0.518	0.550	5.32
93)	T	n-Undecane	0.847	0.755	1.320	1.229	1.278	1.316	1.164	0.947	1.107	20.29
94)	T	1,2,4-Trichlor...	0.862	0.808	1.064	1.054	1.148	1.214	1.149	1.016	1.039	13.65
95)	T	Naphthalene	2.795	2.514	3.349	3.189	3.540	3.732	3.442	2.886	3.181	13.07
96)	T	n-Dodecane			1.255	1.123	1.153	1.329	1.174	0.940	1.162	11.38
97)	T	Hexachlorobuta...	0.867	0.799	0.773	0.698	0.713	0.747	0.702	0.624	0.740	9.96
98)	T	Cyclohexanone	1.235	1.186	0.921	0.879	0.875	0.906	0.841	0.745	0.948	18.03
99)	T	tert-Butylbenzene	3.003	2.743	2.545	2.420	2.483	2.433	2.125	1.731	2.435	15.70
100)	T	n-Butylbenzene	2.953	2.763	2.632	2.560	2.654	2.679	2.404	2.020	2.583	10.71

(#) = Out of Range

R9060320.M Thu Jun 04 13:16:35 2020

Evaluate Continuing Calibration Report

Data File : I:\MS09\Data\2020 06\08\06082002.D Vial: 2
Acq On : 8 Jun 2020 6:18 Operator: SC
Sample : CCV R9060820 25ng Inst : MS09
Misc : S34-05292009/S34-05202001 (6/18)

Quant Time: Jun 08 09:16:05 2020
Quant Method : I:\MS09\Methods\R9060320.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Jun 04 09:18:51 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

6/8/20

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	122	0.02
2	T	Propene	1.173	0.906	22.8	104	-0.04
3	T	Dichlorodifluoromethane (CF	2.037	1.656	18.7	101	-0.04
4	T	Chloromethane	1.497	1.147	23.4	89	-0.04
5	T	1,2-Dichloro-1,1,2,2-tetraf	1.128	0.907	19.6	99	-0.03
6	T	Vinyl Chloride	1.340	1.111	17.1	98	-0.03
7	T	1,3-Butadiene	1.053	0.827	21.5	93	-0.03
8	T	Bromomethane	1.020	0.870	14.7	109	-0.02
9	T	Chloroethane	0.770	0.635	17.5	97	-0.02
10	T	Ethanol	0.868	0.599	31.0#	95	0.05
11	T	Acetonitrile	1.999	1.486	25.7	97	0.00
12	T	Acrolein	0.745	0.573	23.1	95	-0.02
13	T	Acetone	0.825	0.625	24.2	97	0.00
14	T	Trichlorofluoromethane	1.868	1.523	18.5	98	-0.01
15	T	2-Propanol (Isopropanol)	2.492	1.909	23.4	90	-0.01
16	T	Acrylonitrile	1.389	1.193	14.1	96	-0.01
17	T	1,1-Dichloroethene	1.175	0.948	19.3	97	-0.01
18	T	2-Methyl-2-Propanol (tert-B	2.498	2.104	15.8	94	-0.05
19	T	Methylene Chloride	1.178	0.973	17.4	97	0.01
20	T	3-Chloro-1-propene (Allyl C	1.763	1.222	30.7#	89	0.00
21	T	Trichlorotrifluoroethane	1.089	0.894	17.9	98	0.00
22	T	Carbon Disulfide	4.193	3.465	17.4	97	-0.02
23	T	trans-1,2-Dichloroethene	1.437	1.268	11.8	95	0.00
24	T	1,1-Dichloroethane	1.921	1.550	19.3	95	0.02
25	T	Methyl tert-Butyl Ether	3.187	2.632	17.4	97	-0.03
26	T	Vinyl Acetate	0.254	0.229	9.8	97	0.00
27	T	2-Butanone (MEK)	0.734	0.654	10.9	96	-0.03
28	T	cis-1,2-Dichloroethene	1.468	1.215	17.2	95	0.02
29	T	Diisopropyl Ether	0.998	0.768	23.0	98	0.00
30	T	Ethyl Acetate	0.362	0.319	11.9	98	-0.02
31	T	n-Hexane	1.793	1.400	21.9	97	0.00
32	T	Chloroform	1.956	1.576	19.4	96	0.02
33	S	1,2-Dichloroethane-d4(SS1)	1.332	1.298	2.6	118	0.02
34	T	Tetrahydrofuran (THF)	0.751	0.623	17.0	97	-0.04
35	T	Ethyl tert-Butyl Ether	1.348	1.087	19.4	93	0.00
36	T	1,2-Dichloroethane	1.337	1.092	18.3	94	0.01
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	121	0.01
38	T	1,1,1-Trichloroethane	0.396	0.322	18.7	96	0.01
39	T	Isopropyl Acetate	0.156	0.130	16.7	97	-0.02
40	T	1-Butanol	0.265	0.201	24.2	93	-0.04
41	T	Benzene	1.083	0.878	18.9	97	0.00
42	T	Carbon Tetrachloride	0.367	0.302	17.7	96	0.01
43	T	Cyclohexane	0.420	0.335	20.2	96	0.00
44	T	tert-Amyl Methyl Ether	0.736	0.591	19.7	93	-0.01
45	T	1,2-Dichloropropane	0.254	0.209	17.7	96	0.00
46	T	Bromodichloromethane	0.354	0.290	18.1	95	0.00
47	T	Trichloroethene	0.310	0.256	17.4	96	0.00
48	T	1,4-Dioxane	0.221	0.185	16.3	96	-0.03
49	T	2,2,4-Trimethylpentane (Iso	1.072	0.840	21.6	95	0.00
50	T	Methyl Methacrylate	0.108	0.095	12.0	95	-0.01
51	T	n-Heptane	0.268	0.219	18.3	96	0.00
52	T	cis-1,3-Dichloropropene	0.430	0.373	13.3	95	-0.02
53	T	4-Methyl-2-pentanone	0.221	0.192	13.1	95	-0.02
54	T	trans-1,3-Dichloropropene	0.364	0.335	8.0	95	-0.02
55	T	1,1,2-Trichloroethane	0.270	0.224	17.0	96	0.00

Evaluate Continuing Calibration Report

Data File : I:\MS09\Data\2020 06\08\06082002.D Vial: 2
Acq On : 8 Jun 2020 6:18 Operator: SC
Sample : CCV R9060820 25ng Inst : MS09
Misc : S34-05292009/S34-05202001 (6/18)

Quant Time: Jun 08 09:16:05 2020
Quant Method : I:\MS09\Methods\R9060320.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Jun 04 09:18:51 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
56	IR	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	119	0.00
57	S	Toluene-d8 (SS2)	2.570	2.574	-0.2	120	0.00
58	T	Toluene	2.663	2.148	19.3	96	0.00
59	T	2-Hexanone	1.137	0.954	16.1	93	-0.04
60	T	Dibromochloromethane	0.749	0.640	14.6	96	0.00
61	T	1,2-Dibromoethane	0.693	0.619	10.7	97	-0.01
62	T	n-Butyl Acetate	1.115	1.056	5.3	93	-0.03
63	T	n-Octane	0.522	0.410	21.5	95	0.00
64	T	Tetrachloroethene	0.813	0.670	17.6	96	0.00
65	T	Chlorobenzene	1.857	1.501	19.2	96	0.00
66	T	Ethylbenzene	2.971	2.437	18.0	96	0.00
67	T	m- & p-Xylenes	2.365	1.907	19.4	95	-0.01
68	T	Bromoform	0.653	0.571	12.6	96	0.00
69	T	Styrene	1.823	1.601	12.2	96	-0.01
70	T	o-Xylene	2.340	1.895	19.0	95	0.00
71	T	n-Nonane	1.101	0.852	22.6	93	0.00
72	T	1,1,2,2-Tetrachloroethane	1.100	0.918	16.5	97	-0.01
73	S	Bromofluorobenzene (SS3)	0.852	0.870	-2.1	122	0.00
74	T	Cumene	3.001	2.447	18.5	96	0.00
75	T	alpha-Pinene	1.514	1.251	17.4	94	0.00
76	T	n-Propylbenzene	3.502	2.905	17.0	96	0.00
77	T	3-Ethyltoluene	2.903	2.516	13.3	97	0.00
78	T	4-Ethyltoluene	2.873	2.316	19.4	95	0.00
79	T	1,3,5-Trimethylbenzene	2.580	2.047	20.7	95	0.00
80	T	alpha-Methylstyrene	1.321	1.132	14.3	93	0.00
81	T	2-Ethyltoluene	2.932	2.377	18.9	96	0.00
82	T	1,2,4-Trimethylbenzene	2.419	2.001	17.3	96	0.00
83	T	n-Decane	1.150	0.993	13.7	95	0.00
84	T	Benzyl Chloride	2.064	1.824	11.6	95	-0.01
85	T	1,3-Dichlorobenzene	1.483	1.286	13.3	98	0.00
86	T	1,4-Dichlorobenzene	1.566	1.305	16.7	96	0.00
87	T	sec-Butylbenzene	3.354	2.731	18.6	96	0.00
88	T	4-Isopropyltoluene (p-Cymen	3.104	2.475	20.3	97	0.00
89	T	1,2,3-Trimethylbenzene	2.439	2.008	17.7	96	0.00
90	T	1,2-Dichlorobenzene	1.453	1.231	15.3	97	0.00
91	T	d-Limonene	0.909	0.727	20.0	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.550	0.487	11.5	96	0.00
93	T	n-Undecane	1.107	1.046	5.5	95	0.00
94	T	1,2,4-Trichlorobenzene	1.039	0.999	3.8	98	0.00
95	T	Naphthalene	3.181	3.021	5.0	96	-0.02
96	T	n-Dodecane	1.024	1.048	-2.3	94	0.00
97	T	Hexachlorobutadiene	0.740	0.611	17.4	97	0.00
98	T	Cyclohexanone	0.948	0.693	26.9	91	-0.02
99	T	tert-Butylbenzene	2.435	1.970	19.1	96	0.00
100	T	n-Butylbenzene	2.583	2.170	16.0	96	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : I:\MS09\Data\2020 06\09\06092012.D Vial: 2
Acq On : 9 Jun 2020 11:56 Operator: TD
Sample : CCV R9060920 25ng Inst : MS09
Misc : S34-05292009/S34-06012005 (6/30)

Quant Time: Jun 09 12:49:17 2020 6/9/20
Quant Method : I:\MS09\Methods\R9060320.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Jun 04 09:18:51 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	105	0.03
2	T	Propene	1.173	0.771	34.3#	76	-0.04
3	T	Dichlorodifluoromethane (CF	2.037	1.568	23.0	83	-0.04
4	T	Chloromethane	1.497	1.088	27.3	73	-0.03
5	T	1,2-Dichloro-1,1,2,2-tetraf	1.128	0.887	21.4	84	-0.03
6	T	Vinyl Chloride	1.340	1.009	24.7	77	-0.03
7	T	1,3-Butadiene	1.053	0.739	29.8	72	-0.03
8	T	Bromomethane	1.020	0.841	17.5	91	-0.02
9	T	Chloroethane	0.770	0.592	23.1	78	-0.02
10	T	Ethanol	0.868	0.543	37.4#	74	0.06
11	T	Acetonitrile	1.999	1.317	34.1#	74	0.01
12	T	Acrolein	0.745	0.524	29.7	75	-0.02
13	T	Acetone	0.825	0.572	30.7#	77	0.00
14	T	Trichlorofluoromethane	1.868	1.459	21.9	81	-0.01
15	T	2-Propanol (Isopropanol)	2.492	1.784	28.4	73	0.00
16	T	Acrylonitrile	1.389	1.095	21.2	76	0.00
17	T	1,1-Dichloroethene	1.175	0.914	22.2	81	-0.01
18	T	2-Methyl-2-Propanol (tert-B	2.498	1.982	20.7	76	-0.04
19	T	Methylene Chloride	1.178	0.933	20.8	80	0.02
20	T	3-Chloro-1-propene (Allyl C	1.763	1.091	38.1#	68	0.00
21	T	Trichlorotrifluoroethane	1.089	0.893	18.0	85	0.00
22	T	Carbon Disulfide	4.193	3.276	21.9	79	-0.02
23	T	trans-1,2-Dichloroethene	1.437	1.192	17.0	77	0.00
24	T	1,1-Dichloroethane	1.921	1.454	24.3	77	0.02
25	T	Methyl tert-Butyl Ether	3.187	2.533	20.5	80	-0.03
26	T	Vinyl Acetate	0.254	0.219	13.8	80	0.01
27	T	2-Butanone (MEK)	0.734	0.619	15.7	79	-0.03
28	T	cis-1,2-Dichloroethene	1.468	1.132	22.9	76	0.02
29	T	Diisopropyl Ether	0.998	0.737	26.2	81	0.00
30	T	Ethyl Acetate	0.362	0.293	19.1	78	-0.02
31	T	n-Hexane	1.793	1.288	28.2	77	0.00
32	T	Chloroform	1.956	1.499	23.4	79	0.03
33	S	1,2-Dichloroethane-d4(SS1)	1.332	1.236	7.2	97	0.02
34	T	Tetrahydrofuran (THF)	0.751	0.588	21.7	79	-0.03
35	T	Ethyl tert-Butyl Ether	1.348	1.052	22.0	78	0.00
36	T	1,2-Dichloroethane	1.337	1.023	23.5	76	0.02
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	104	0.01
38	T	1,1,1-Trichloroethane	0.396	0.310	21.7	79	0.01
39	T	Isopropyl Acetate	0.156	0.121	22.4	77	-0.02
40	T	1-Butanol	0.265	0.184	30.6#	73	-0.04
41	T	Benzene	1.083	0.840	22.4	79	0.00
42	T	Carbon Tetrachloride	0.367	0.291	20.7	79	0.01
43	T	Cyclohexane	0.420	0.324	22.9	80	0.01
44	T	tert-Amyl Methyl Ether	0.736	0.559	24.0	75	-0.01
45	T	1,2-Dichloropropane	0.254	0.195	23.2	77	0.00
46	T	Bromodichloromethane	0.354	0.277	21.8	78	0.01
47	T	Trichloroethene	0.310	0.253	18.4	82	0.00
48	T	1,4-Dioxane	0.221	0.179	19.0	79	-0.03
49	T	2,2,4-Trimethylpentane (Iso	1.072	0.784	26.9	76	0.00
50	T	Methyl Methacrylate	0.108	0.093	13.9	80	-0.01
51	T	n-Heptane	0.268	0.209	22.0	78	0.00
52	T	cis-1,3-Dichloropropene	0.430	0.357	17.0	78	-0.01
53	T	4-Methyl-2-pentanone	0.221	0.180	18.6	76	-0.02
54	T	trans-1,3-Dichloropropene	0.364	0.321	11.8	78	-0.02
55	T	1,1,2-Trichloroethane	0.270	0.219	18.9	81	0.00

Evaluate Continuing Calibration Report

Data File : I:\MS09\Data\2020 06\09\06092012.D Vial: 2
Acq On : 9 Jun 2020 11:56 Operator: TD
Sample : CCV R9060920 25ng Inst : MS09
Misc : S34-05292009/S34-06012005 (6/30)

Quant Time: Jun 09 12:49:17 2020
Quant Method : I:\MS09\Methods\R9060320.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Jun 04 09:18:51 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
56	IR	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	101	0.00
57	S	Toluene-d8 (SS2)	2.570	2.596	-1.0	103	0.00
58	T	Toluene	2.663	2.102	21.1	80	0.00
59	T	2-Hexanone	1.137	0.874	23.1	73	-0.04
60	T	Dibromochloromethane	0.749	0.630	15.9	80	0.00
61	T	1,2-Dibromoethane	0.693	0.609	12.1	81	0.00
62	T	n-Butyl Acetate	1.115	0.968	13.2	73	-0.03
63	T	n-Octane	0.522	0.384	26.4	76	0.00
64	T	Tetrachloroethene	0.813	0.678	16.6	83	0.00
65	T	Chlorobenzene	1.857	1.489	19.8	81	0.00
66	T	Ethylbenzene	2.971	2.375	20.1	80	0.00
67	T	m- & p-Xylenes	2.365	1.863	21.2	79	-0.01
68	T	Bromoform	0.653	0.567	13.2	82	0.00
69	T	Styrene	1.823	1.565	14.2	80	-0.01
70	T	o-Xylene	2.340	1.849	21.0	79	0.00
71	T	n-Nonane	1.101	0.780	29.2	73	0.00
72	T	1,1,2,2-Tetrachloroethane	1.100	0.877	20.3	79	-0.01
73	S	Bromofluorobenzene (SS3)	0.852	0.908	-6.6	108	0.00
74	T	Cumene	3.001	2.396	20.2	80	0.00
75	T	alpha-Pinene	1.514	1.233	18.6	79	0.00
76	T	n-Propylbenzene	3.502	2.820	19.5	80	0.00
77	T	3-Ethyltoluene	2.903	2.457	15.4	81	0.00
78	T	4-Ethyltoluene	2.873	2.277	20.7	79	0.00
79	T	1,3,5-Trimethylbenzene	2.580	2.012	22.0	80	0.00
80	T	alpha-Methylstyrene	1.321	1.106	16.3	78	0.00
81	T	2-Ethyltoluene	2.932	2.324	20.7	80	0.00
82	T	1,2,4-Trimethylbenzene	2.419	1.951	19.3	80	0.00
83	T	n-Decane	1.150	0.921	19.9	75	0.00
84	T	Benzyl Chloride	2.064	1.740	15.7	77	-0.01
85	T	1,3-Dichlorobenzene	1.483	1.264	14.8	82	0.00
86	T	1,4-Dichlorobenzene	1.566	1.286	17.9	81	0.00
87	T	sec-Butylbenzene	3.354	2.657	20.8	80	0.00
88	T	4-Isopropyltoluene (p-Cymen	3.104	2.411	22.3	80	0.00
89	T	1,2,3-Trimethylbenzene	2.439	1.944	20.3	80	0.00
90	T	1,2-Dichlorobenzene	1.453	1.213	16.5	81	0.00
91	T	d-Limonene	0.909	0.685	24.6	75	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.550	0.470	14.5	79	0.00
93	T	n-Undecane	1.107	0.934	15.6	72	0.00
94	T	1,2,4-Trichlorobenzene	1.039	0.924	11.1	77	0.00
95	T	Naphthalene	3.181	2.679	15.8	73	-0.02
96	T	n-Dodecane	1.024	0.790	22.9	60	0.00
97	T	Hexachlorobutadiene	0.740	0.590	20.3	80	0.00
98	T	Cyclohexanone	0.948	0.657	30.7#	74	-0.02
99	T	tert-Butylbenzene	2.435	1.935	20.5	81	0.00
100	T	n-Butylbenzene	2.583	2.070	19.9	78	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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LABORATORY REPORT

June 17, 2020

Eyal Shvartz
Dr. Katz Technologies & Enterprises (KTE)
HaMeginim Ave. 53
Haifa, ISR-HA 33265

RE: Tel Hashomer / KTE-50-20-Simi

Dear Eyal:

Enclosed are the results of the samples submitted to our laboratory on June 3, 2020. For your reference, these analyses have been assigned our service request number P2003053.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Sue Anderson at 2:11 pm, Jun 17, 2020

Sue Anderson
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request No: P2003053
Project: Tel Hashomer / KTE-50-20-Simi

CASE NARRATIVE

The samples were received intact under chain of custody on June 3, 2020 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The upper control criteria were exceeded for chloromethane and methyl tert-butyl ether (MTBE) in the Continuing Calibration Verification (CCV) analyzed on June 11, 2020. In addition the upper control criterion was exceeded for methyl tert-butyl ether (MTBE) in the Laboratory Control Sample. Therefore, a potential for a high bias exists for those associated sample concentrations reported with positive results. The data has been qualified accordingly.
The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.1 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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Simi Valley, CA 93065
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www.alsglobal.com

ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-007
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request: P2003053

Project ID: Tel Hashomer / KTE-50-20-Simi

Date Received: 6/3/2020

Time Received: 09:15

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	TO-15 - VOC Cans
SG-103	P2003053-001	Air	6/1/2020	10:50	1SC00206	-2.51	5.90	X
SG-95	P2003053-002	Air	6/1/2020	12:40	1SC00449	-2.97	5.80	X
SG-11	P2003053-003	Air	6/1/2020	13:25	1SC00728	-3.12	5.79	X
SG-93	P2003053-004	Air	6/1/2020	14:12	1SS00587	-2.85	5.52	X

Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161

Page ____ of ____

Requested Turnaround Time in Business Days (Surcharges) please circle 1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard	ALS Project No. P2003053
Company Name & Address (Reporting Information): KTG	Project Name: [illegible]
Project Manager	Project Number: [illegible]
Phone / Fax	P.O. # / Billing Information
Email Address for Result Reporting	Sampler (Print & Sign): [illegible]
ALS Contact:	Analysis Method

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	[illegible]		Comments e.g. Actual Preservative or specific instructions
SG-103	1	[illegible]	[illegible]	[illegible]	[illegible]	-29.0	-4.0	1L	✓		
SG-05	2	[illegible]	[illegible]	[illegible]	[illegible]	-27.0	-1.0	1L	✓		
[illegible]	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	✓		
[illegible]	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	✓		
SG-3	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	✓		[illegible]

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____
Tier II (Results + QC Summaries) ____
Tier III (Results + QC & Calibration Summaries) X
Tier IV (Data Validation Package) 10% Surcharge ____

EDD required Yes / No
Type: ________ Units: ________

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature) [signature]	Date: [illegible]	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature) [signature]	Date: 6-3-20	Time: 0915

Cooler / Blank Temperature ____ °C

ALS Environmental

Sample Acceptance Check Form

Client: Dr. Katz Technologies & Enterprises (KTE) Work order: P2003053

Project: Tel Hashomer / KTE-50-20-Simi

Sample(s) received on: 6/3/20 Date opened: 6/3/20 by: ADAVID

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2003053-001.01	1.0 L Source Can					
P2003053-002.01	1.0 L Source Can					
P2003053-003.01	1.0 L Source Can					
P2003053-004.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers): _____

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-103** ALS Project ID: P2003053
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003053-001

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/3/20
Analyst: Wida Ang Date Analyzed: 6/11/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.075 Liter(s)
Test Notes: 0.015 Liter(s)
Container ID: 1SC00206

Initial Pressure (psig): -2.51 Final Pressure (psig): 5.90

Canister Dilution Factor: 1.69

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<2.9	12	2.9	<1.7	6.9	1.7	
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.1**	12	2.0	**0.83**	2.4	0.40	**J**
74-87-3	Chloromethane	<1.9	12	1.9	<0.94	5.8	0.94	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	**2.2**	12	1.9	**0.32**	1.7	0.27	**J**
75-01-4	Vinyl Chloride	<1.3	12	1.3	<0.50	4.8	0.50	
106-99-0	1,3-Butadiene	<2.0	12	2.0	<0.90	5.4	0.90	
74-83-9	Bromomethane	<1.7	12	1.7	<0.43	3.1	0.43	
75-00-3	Chloroethane	<1.5	12	1.5	<0.56	4.6	0.56	
64-17-5	Ethanol	**20,000**	590	42	**10,000**	310	22	**D**
75-05-8	Acetonitrile	<2.9	12	2.9	<1.7	7.1	1.7	
107-02-8	Acrolein	<3.4	23	3.4	<1.5	9.8	1.5	
67-64-1	Acetone	**280**	120	27	**120**	50	11	
75-69-4	Trichlorofluoromethane (CFC 11)	**230**	12	1.8	**40**	2.1	0.32	
67-63-0	2-Propanol (Isopropyl Alcohol)	**22**	47	5.0	**8.9**	19	2.0	**J**
107-13-1	Acrylonitrile	<2.5	12	2.5	<1.1	5.5	1.1	
75-35-4	1,1-Dichloroethene	<1.7	12	1.7	<0.42	3.1	0.42	
75-09-2	Methylene Chloride	<3.4	12	3.4	<0.97	3.4	0.97	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<1.6	12	1.6	<0.52	3.9	0.52	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<1.7	12	1.7	<0.22	1.6	0.22	
75-15-0	Carbon Disulfide	**7.1**	25	3.6	**2.3**	8.0	1.2	**J**
156-60-5	trans-1,2-Dichloroethene	<1.7	12	1.7	<0.42	3.1	0.42	
75-34-3	1,1-Dichloroethane	<1.8	12	1.8	<0.43	3.1	0.43	
1634-04-4	Methyl tert-Butyl Ether	<1.4	12	1.4	<0.39	3.4	0.39	**L**
108-05-4	Vinyl Acetate	<27	120	27	<7.7	35	7.7	
78-93-3	2-Butanone (MEK)	**41**	25	2.5	**14**	8.4	0.84	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
D = The reported result is from a dilution.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-103** ALS Project ID: P2003053
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003053-001

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/3/20
Analyst: Wida Ang Date Analyzed: 6/11/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.075 Liter(s)
Test Notes: 0.015 Liter(s)
Container ID: 1SC00206

Initial Pressure (psig): -2.51 Final Pressure (psig): 5.90

Canister Dilution Factor: 1.69

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<1.7	12	1.7	<0.43	3.0	0.43	
141-78-6	Ethyl Acetate	**33**	25	6.3	**9.1**	6.9	1.8	
110-54-3	n-Hexane	<2.5	12	2.5	<0.70	3.5	0.70	
67-66-3	Chloroform	**3.2**	12	1.6	**0.66**	2.5	0.33	**J**
109-99-9	Tetrahydrofuran (THF)	<1.5	12	1.5	<0.51	4.2	0.51	
107-06-2	1,2-Dichloroethane	<1.3	12	1.3	<0.33	3.0	0.33	
71-55-6	1,1,1-Trichloroethane	<1.5	12	1.5	<0.27	2.2	0.27	
71-43-2	Benzene	**5.7**	12	1.7	**1.8**	3.7	0.54	**J**
56-23-5	Carbon Tetrachloride	<1.7	12	1.7	<0.27	1.9	0.27	
110-82-7	Cyclohexane	<3.4	25	3.4	<0.98	7.2	0.98	
78-87-5	1,2-Dichloropropane	<1.5	12	1.5	<0.32	2.6	0.32	
75-27-4	Bromodichloromethane	<1.7	12	1.7	<0.26	1.8	0.26	
79-01-6	Trichloroethene	<1.6	12	1.6	<0.30	2.3	0.30	
123-91-1	1,4-Dioxane	**7.2**	12	1.4	**2.0**	3.4	0.39	**J**
80-62-6	Methyl Methacrylate	<4.3	25	4.3	<1.0	6.1	1.0	
142-82-5	n-Heptane	**2.1**	12	1.9	**0.51**	3.0	0.47	**J**
10061-01-5	cis-1,3-Dichloropropene	<1.9	12	1.9	<0.41	2.6	0.41	
108-10-1	4-Methyl-2-pentanone	<1.6	12	1.6	<0.40	2.9	0.40	
10061-02-6	trans-1,3-Dichloropropene	<2.5	12	2.5	<0.55	2.6	0.55	
79-00-5	1,1,2-Trichloroethane	<1.2	12	1.2	<0.22	2.2	0.22	
108-88-3	Toluene	**18**	12	1.5	**4.7**	3.2	0.39	
591-78-6	2-Hexanone	**4.5**	12	1.5	**1.1**	3.0	0.36	**J**
124-48-1	Dibromochloromethane	<1.6	12	1.6	<0.19	1.4	0.19	
106-93-4	1,2-Dibromoethane	<1.4	12	1.4	<0.18	1.6	0.18	
123-86-4	n-Butyl Acetate	**25**	12	1.6	**5.3**	2.6	0.35	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-103** ALS Project ID: P2003053
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003053-001

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/3/20
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Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.075 Liter(s)
Test Notes: 0.015 Liter(s)
Container ID: 1SC00206

Initial Pressure (psig): -2.51 Final Pressure (psig): 5.90

Canister Dilution Factor: 1.69

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**2.8**	12	2.7	**0.60**	2.6	0.58	**J**
127-18-4	Tetrachloroethene	<1.6	12	1.6	<0.23	1.7	0.23	
108-90-7	Chlorobenzene	<1.6	12	1.6	<0.35	2.6	0.35	
100-41-4	Ethylbenzene	**9.9**	12	1.7	**2.3**	2.8	0.39	**J**
179601-23-1	m,p-Xylenes	**29**	25	3.2	**6.6**	5.7	0.73	
75-25-2	Bromoform	<2.5	12	2.5	<0.24	1.2	0.24	
100-42-5	Styrene	<1.9	12	1.9	<0.46	2.8	0.46	
95-47-6	o-Xylene	**11**	12	1.7	**2.6**	2.8	0.40	**J**
111-84-2	n-Nonane	**6.0**	12	2.0	**1.2**	2.3	0.38	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<1.7	12	1.7	<0.24	1.8	0.24	
98-82-8	Cumene	**16**	12	1.7	**3.2**	2.5	0.35	
80-56-8	alpha-Pinene	<1.8	12	1.8	<0.33	2.2	0.33	
103-65-1	n-Propylbenzene	<1.7	12	1.7	<0.35	2.5	0.35	
622-96-8	4-Ethyltoluene	<1.9	12	1.9	<0.39	2.5	0.39	
108-67-8	1,3,5-Trimethylbenzene	<1.7	12	1.7	<0.35	2.4	0.35	
95-63-6	1,2,4-Trimethylbenzene	<1.7	12	1.7	<0.34	2.5	0.34	
100-44-7	Benzyl Chloride	**4.7**	25	2.7	**0.91**	4.8	0.52	**J**
541-73-1	1,3-Dichlorobenzene	<1.8	12	1.8	<0.30	2.0	0.30	
106-46-7	1,4-Dichlorobenzene	<1.8	12	1.8	<0.31	2.0	0.31	
95-50-1	1,2-Dichlorobenzene	<1.8	12	1.8	<0.30	2.0	0.30	
5989-27-5	d-Limonene	**7.2**	12	2.5	**1.3**	2.2	0.45	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<2.3	12	2.3	<0.23	1.2	0.23	
120-82-1	1,2,4-Trichlorobenzene	<2.9	12	2.9	<0.39	1.6	0.39	
91-20-3	Naphthalene	<2.9	12	2.9	<0.56	2.2	0.56	
87-68-3	Hexachlorobutadiene	<2.5	12	2.5	<0.23	1.1	0.23	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-95** ALS Project ID: P2003053
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003053-002

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/3/20
Analyst: Wida Ang Date Analyzed: 6/11/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.25 Liter(s)
Test Notes: 0.050 Liter(s)
Container ID: 1SC00449

Initial Pressure (psig): -2.97 Final Pressure (psig): 5.80

Canister Dilution Factor: 1.75

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**8.9**	3.7	0.91	**5.2**	2.2	0.53	
75-71-8	Dichlorodifluoromethane (CFC 12)	**5.1**	3.7	0.61	**1.0**	0.75	0.12	
74-87-3	Chloromethane	**2.2**	3.7	0.60	**1.1**	1.8	0.29	**J, V**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	**2.9**	3.7	0.59	**0.42**	0.53	0.084	**J**
75-01-4	Vinyl Chloride	<0.40	3.8	0.40	<0.16	1.5	0.16	
106-99-0	1,3-Butadiene	<0.62	3.7	0.62	<0.28	1.7	0.28	
74-83-9	Bromomethane	<0.52	3.8	0.52	<0.13	0.97	0.13	
75-00-3	Chloroethane	<0.46	3.8	0.46	<0.18	1.4	0.18	
64-17-5	Ethanol	**4,000**	180	13	**2,100**	97	6.9	**D**
75-05-8	Acetonitrile	**1.5**	3.7	0.91	**0.89**	2.2	0.54	**J**
107-02-8	Acrolein	**7.8**	7.0	1.1	**3.4**	3.1	0.46	
67-64-1	Acetone	**260**	37	8.4	**110**	16	3.5	
75-69-4	Trichlorofluoromethane (CFC 11)	**280**	3.7	0.57	**50**	0.66	0.10	
67-63-0	2-Propanol (Isopropyl Alcohol)	**14**	15	1.5	**5.5**	6.0	0.63	**J**
107-13-1	Acrylonitrile	<0.77	3.7	0.77	<0.35	1.7	0.35	
75-35-4	1,1-Dichloroethene	<0.52	3.8	0.52	<0.13	0.95	0.13	
75-09-2	Methylene Chloride	<1.1	3.7	1.1	<0.30	1.1	0.30	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.50	3.8	0.50	<0.16	1.2	0.16	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.66**	3.8	0.53	**0.086**	0.49	0.069	**J**
75-15-0	Carbon Disulfide	**48**	7.7	1.1	**16**	2.5	0.36	
156-60-5	trans-1,2-Dichloroethene	<0.52	3.8	0.52	<0.13	0.95	0.13	
75-34-3	1,1-Dichloroethane	<0.55	3.9	0.55	<0.13	0.95	0.13	
1634-04-4	Methyl tert-Butyl Ether	<0.44	3.8	0.44	<0.12	1.0	0.12	**L**
108-05-4	Vinyl Acetate	**29**	38	8.4	**8.3**	11	2.4	**J**
78-93-3	2-Butanone (MEK)	**25**	7.7	0.77	**8.6**	2.6	0.26	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.
D = The reported result is from a dilution.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-95** ALS Project ID: P2003053
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003053-002

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/3/20
Analyst: Wida Ang Date Analyzed: 6/11/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.25 Liter(s)
Test Notes: 0.050 Liter(s)
Container ID: 1SC00449

Initial Pressure (psig): -2.97 Final Pressure (psig): 5.80

Canister Dilution Factor: 1.75

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.53	3.7	0.53	<0.13	0.94	0.13	
141-78-6	Ethyl Acetate	**31**	7.7	2.0	**8.7**	2.1	0.54	
110-54-3	n-Hexane	**1.0**	3.8	0.77	**0.29**	1.1	0.22	**J**
67-66-3	Chloroform	**2.1**	3.8	0.50	**0.43**	0.77	0.10	**J**
109-99-9	Tetrahydrofuran (THF)	**8.5**	3.9	0.47	**2.9**	1.3	0.16	
107-06-2	1,2-Dichloroethane	<0.41	3.8	0.41	<0.10	0.93	0.10	
71-55-6	1,1,1-Trichloroethane	<0.46	3.8	0.46	<0.085	0.69	0.085	
71-43-2	Benzene	**2.6**	3.7	0.54	**0.80**	1.2	0.17	**J**
56-23-5	Carbon Tetrachloride	**2.2**	3.7	0.52	**0.35**	0.59	0.082	**J**
110-82-7	Cyclohexane	<1.1	7.7	1.1	<0.31	2.2	0.31	
78-87-5	1,2-Dichloropropane	<0.46	3.8	0.46	<0.10	0.82	0.10	
75-27-4	Bromodichloromethane	<0.54	3.8	0.54	<0.080	0.56	0.080	
79-01-6	Trichloroethene	<0.50	3.8	0.50	<0.094	0.70	0.094	
123-91-1	1,4-Dioxane	**6.0**	3.8	0.44	**1.7**	1.0	0.12	
80-62-6	Methyl Methacrylate	<1.3	7.7	1.3	<0.32	1.9	0.32	
142-82-5	n-Heptane	**2.3**	3.8	0.60	**0.57**	0.92	0.15	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.58	3.6	0.58	<0.13	0.80	0.13	
108-10-1	4-Methyl-2-pentanone	<0.51	3.7	0.51	<0.12	0.91	0.12	
10061-02-6	trans-1,3-Dichloropropene	<0.77	3.7	0.77	<0.17	0.82	0.17	
79-00-5	1,1,2-Trichloroethane	<0.38	3.8	0.38	<0.069	0.69	0.069	
108-88-3	Toluene	**13**	3.8	0.46	**3.5**	1.0	0.12	
591-78-6	2-Hexanone	**3.0**	3.8	0.46	**0.74**	0.92	0.11	**J**
124-48-1	Dibromochloromethane	<0.49	3.8	0.49	<0.058	0.44	0.058	
106-93-4	1,2-Dibromoethane	<0.43	3.8	0.43	<0.056	0.49	0.056	
123-86-4	n-Butyl Acetate	**16**	3.9	0.51	**3.4**	0.81	0.11	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-95** ALS Project ID: P2003053
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003053-002

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/3/20
Analyst: Wida Ang Date Analyzed: 6/11/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.25 Liter(s)
Test Notes: 0.050 Liter(s)
Container ID: 1SC00449

Initial Pressure (psig): -2.97 Final Pressure (psig): 5.80

Canister Dilution Factor: 1.75

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**2.8**	3.8	0.84	**0.60**	0.81	0.18	**J**
127-18-4	Tetrachloroethene	**1.9**	3.6	0.48	**0.29**	0.54	0.071	**J**
108-90-7	Chlorobenzene	<0.50	3.8	0.50	<0.11	0.82	0.11	
100-41-4	Ethylbenzene	**6.7**	3.8	0.53	**1.6**	0.87	0.12	
179601-23-1	m,p-Xylenes	**21**	7.7	0.98	**4.9**	1.8	0.23	
75-25-2	Bromoform	<0.77	3.8	0.77	<0.075	0.37	0.075	
100-42-5	Styrene	**1.5**	3.7	0.60	**0.35**	0.87	0.14	**J**
95-47-6	o-Xylene	**8.4**	3.8	0.54	**1.9**	0.87	0.12	
111-84-2	n-Nonane	**5.4**	3.8	0.62	**1.0**	0.72	0.12	
79-34-5	1,1,2,2-Tetrachloroethane	<0.52	3.8	0.52	<0.075	0.55	0.075	
98-82-8	Cumene	**7.4**	3.8	0.54	**1.5**	0.77	0.11	
80-56-8	alpha-Pinene	<0.57	3.8	0.57	<0.10	0.68	0.10	
103-65-1	n-Propylbenzene	<0.54	3.8	0.54	<0.11	0.77	0.11	
622-96-8	4-Ethyltoluene	<0.60	3.8	0.60	<0.12	0.77	0.12	
108-67-8	1,3,5-Trimethylbenzene	<0.54	3.7	0.54	<0.11	0.75	0.11	
95-63-6	1,2,4-Trimethylbenzene	**0.85**	3.8	0.52	**0.17**	0.77	0.11	**J**
100-44-7	Benzyl Chloride	**2.0**	7.7	0.84	**0.38**	1.5	0.16	**J**
541-73-1	1,3-Dichlorobenzene	<0.56	3.8	0.56	<0.093	0.63	0.093	
106-46-7	1,4-Dichlorobenzene	<0.57	3.8	0.57	<0.096	0.63	0.096	
95-50-1	1,2-Dichlorobenzene	<0.55	3.8	0.55	<0.092	0.63	0.092	
5989-27-5	d-Limonene	**5.0**	3.8	0.77	**0.90**	0.68	0.14	
96-12-8	1,2-Dibromo-3-chloropropane	<0.70	3.7	0.70	<0.072	0.38	0.072	
120-82-1	1,2,4-Trichlorobenzene	<0.91	3.8	0.91	<0.12	0.51	0.12	
91-20-3	Naphthalene	<0.91	3.6	0.91	<0.17	0.69	0.17	
87-68-3	Hexachlorobutadiene	<0.77	3.7	0.77	<0.072	0.35	0.072	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-11** ALS Project ID: P2003053
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003053-003

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/3/20
Analyst: Wida Ang Date Analyzed: 6/11/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00728

Initial Pressure (psig): -3.12 Final Pressure (psig): 5.79

Canister Dilution Factor: 1.77

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**4.9**	2.3	0.58	**2.8**	1.4	0.33	
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.6**	2.3	0.38	**0.93**	0.47	0.078	
74-87-3	Chloromethane	**1.0**	2.3	0.38	**0.51**	1.1	0.18	**J, V**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.37	2.3	0.37	<0.053	0.34	0.053	
75-01-4	Vinyl Chloride	<0.25	2.4	0.25	<0.099	0.94	0.099	
106-99-0	1,3-Butadiene	<0.39	2.3	0.39	<0.18	1.1	0.18	
74-83-9	Bromomethane	<0.33	2.4	0.33	<0.084	0.62	0.084	
75-00-3	Chloroethane	<0.29	2.4	0.29	<0.11	0.91	0.11	
64-17-5	Ethanol	**1,100**	23	1.6	**570**	12	0.87	
75-05-8	Acetonitrile	**1.6**	2.3	0.58	**0.96**	1.4	0.34	**J**
107-02-8	Acrolein	**7.2**	4.4	0.66	**3.1**	1.9	0.29	
67-64-1	Acetone	**200**	23	5.3	**83**	9.9	2.2	
75-69-4	Trichlorofluoromethane (CFC 11)	**18**	2.3	0.36	**3.3**	0.42	0.064	
67-63-0	2-Propanol (Isopropyl Alcohol)	**6.8**	9.3	0.97	**2.8**	3.8	0.40	**J**
107-13-1	Acrylonitrile	<0.49	2.3	0.49	<0.22	1.1	0.22	
75-35-4	1,1-Dichloroethene	<0.33	2.4	0.33	<0.083	0.60	0.083	
75-09-2	Methylene Chloride	<0.66	2.3	0.66	<0.19	0.68	0.19	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.32	2.4	0.32	<0.10	0.76	0.10	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.44**	2.4	0.34	**0.058**	0.31	0.044	**J**
75-15-0	Carbon Disulfide	**6.5**	4.9	0.71	**2.1**	1.6	0.23	
156-60-5	trans-1,2-Dichloroethene	<0.33	2.4	0.33	<0.083	0.60	0.083	
75-34-3	1,1-Dichloroethane	<0.35	2.4	0.35	<0.085	0.60	0.085	
1634-04-4	Methyl tert-Butyl Ether	<0.28	2.4	0.28	<0.077	0.66	0.077	**L**
108-05-4	Vinyl Acetate	**29**	24	5.3	**8.3**	6.8	1.5	
78-93-3	2-Butanone (MEK)	**22**	4.9	0.49	**7.6**	1.7	0.17	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-11** ALS Project ID: P2003053
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003053-003

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/3/20
Analyst: Wida Ang Date Analyzed: 6/11/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00728

Initial Pressure (psig): -3.12 Final Pressure (psig): 5.79

Canister Dilution Factor: 1.77

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.33	2.3	0.33	<0.084	0.59	0.084	
141-78-6	Ethyl Acetate	**64**	4.9	1.2	**18**	1.4	0.34	
110-54-3	n-Hexane	**1.2**	2.4	0.49	**0.33**	0.68	0.14	**J**
67-66-3	Chloroform	**0.77**	2.4	0.31	**0.16**	0.49	0.064	**J**
109-99-9	Tetrahydrofuran (THF)	**1.8**	2.4	0.30	**0.62**	0.83	0.10	**J**
107-06-2	1,2-Dichloroethane	<0.26	2.4	0.26	<0.065	0.59	0.065	
71-55-6	1,1,1-Trichloroethane	<0.29	2.4	0.29	<0.054	0.44	0.054	
71-43-2	Benzene	**1.8**	2.3	0.34	**0.57**	0.73	0.11	**J**
56-23-5	Carbon Tetrachloride	<0.33	2.3	0.33	<0.052	0.37	0.052	
110-82-7	Cyclohexane	**0.85**	4.9	0.66	**0.25**	1.4	0.19	**J**
78-87-5	1,2-Dichloropropane	<0.29	2.4	0.29	<0.063	0.52	0.063	
75-27-4	Bromodichloromethane	<0.34	2.4	0.34	<0.051	0.36	0.051	
79-01-6	Trichloroethene	**0.38**	2.4	0.32	**0.071**	0.44	0.059	**J**
123-91-1	1,4-Dioxane	**4.5**	2.4	0.28	**1.2**	0.66	0.077	
80-62-6	Methyl Methacrylate	<0.84	4.9	0.84	<0.21	1.2	0.21	
142-82-5	n-Heptane	**5.4**	2.4	0.38	**1.3**	0.58	0.092	
10061-01-5	cis-1,3-Dichloropropene	<0.37	2.3	0.37	<0.081	0.51	0.081	
108-10-1	4-Methyl-2-pentanone	**0.92**	2.3	0.32	**0.22**	0.57	0.079	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.49	2.3	0.49	<0.11	0.52	0.11	
79-00-5	1,1,2-Trichloroethane	<0.24	2.4	0.24	<0.044	0.44	0.044	
108-88-3	Toluene	**12**	2.4	0.29	**3.2**	0.63	0.076	
591-78-6	2-Hexanone	**3.1**	2.4	0.29	**0.75**	0.58	0.071	
124-48-1	Dibromochloromethane	<0.31	2.4	0.31	<0.036	0.28	0.036	
106-93-4	1,2-Dibromoethane	<0.27	2.4	0.27	<0.036	0.31	0.036	
123-86-4	n-Butyl Acetate	**10**	2.4	0.32	**2.1**	0.51	0.068	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-11** ALS Project ID: P2003053
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003053-003

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/3/20
Analyst: Wida Ang Date Analyzed: 6/11/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00728

Initial Pressure (psig): -3.12 Final Pressure (psig): 5.79

Canister Dilution Factor: 1.77

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**2.6**	2.4	0.53	**0.57**	0.51	0.11	
127-18-4	Tetrachloroethene	**0.62**	2.3	0.31	**0.091**	0.34	0.045	**J**
108-90-7	Chlorobenzene	<0.31	2.4	0.31	<0.068	0.52	0.068	
100-41-4	Ethylbenzene	**5.8**	2.4	0.33	**1.3**	0.55	0.076	
179601-23-1	m,p-Xylenes	**18**	4.9	0.62	**4.2**	1.1	0.14	
75-25-2	Bromoform	<0.49	2.4	0.49	<0.047	0.23	0.047	
100-42-5	Styrene	**1.3**	2.3	0.38	**0.31**	0.55	0.089	**J**
95-47-6	o-Xylene	**7.2**	2.4	0.34	**1.7**	0.55	0.078	
111-84-2	n-Nonane	**4.6**	2.4	0.39	**0.88**	0.46	0.075	
79-34-5	1,1,2,2-Tetrachloroethane	<0.33	2.4	0.33	<0.048	0.35	0.048	
98-82-8	Cumene	**5.6**	2.4	0.34	**1.1**	0.49	0.069	
80-56-8	alpha-Pinene	<0.36	2.4	0.36	<0.065	0.43	0.065	
103-65-1	n-Propylbenzene	<0.34	2.4	0.34	<0.069	0.49	0.069	
622-96-8	4-Ethyltoluene	<0.38	2.4	0.38	<0.077	0.49	0.077	
108-67-8	1,3,5-Trimethylbenzene	<0.34	2.3	0.34	<0.069	0.48	0.069	
95-63-6	1,2,4-Trimethylbenzene	**0.98**	2.4	0.33	**0.20**	0.49	0.067	**J**
100-44-7	Benzyl Chloride	**1.6**	4.9	0.53	**0.31**	0.94	0.10	**J**
541-73-1	1,3-Dichlorobenzene	<0.35	2.4	0.35	<0.059	0.40	0.059	
106-46-7	1,4-Dichlorobenzene	<0.36	2.4	0.36	<0.060	0.40	0.060	
95-50-1	1,2-Dichlorobenzene	<0.35	2.4	0.35	<0.058	0.40	0.058	
5989-27-5	d-Limonene	**2.7**	2.4	0.49	**0.49**	0.43	0.087	
96-12-8	1,2-Dibromo-3-chloropropane	<0.44	2.3	0.44	<0.046	0.24	0.046	
120-82-1	1,2,4-Trichlorobenzene	<0.58	2.4	0.58	<0.078	0.32	0.078	
91-20-3	Naphthalene	<0.58	2.3	0.58	<0.11	0.44	0.11	
87-68-3	Hexachlorobutadiene	<0.49	2.3	0.49	<0.046	0.22	0.046	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-93** ALS Project ID: P2003053
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003053-004

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/3/20
Analyst: Wida Ang Date Analyzed: 6/11/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00587

Initial Pressure (psig): -2.85 Final Pressure (psig): 5.52

Canister Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**3.2**	2.3	0.56	**1.9**	1.3	0.32	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.7**	2.3	0.37	**0.54**	0.46	0.075	
74-87-3	Chloromethane	<0.37	2.3	0.37	<0.18	1.1	0.18	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.36	2.3	0.36	<0.051	0.32	0.051	
75-01-4	Vinyl Chloride	<0.24	2.3	0.24	<0.095	0.90	0.095	
106-99-0	1,3-Butadiene	<0.38	2.3	0.38	<0.17	1.0	0.17	
74-83-9	Bromomethane	<0.32	2.3	0.32	<0.082	0.59	0.082	
75-00-3	Chloroethane	<0.28	2.3	0.28	<0.11	0.88	0.11	
64-17-5	Ethanol	**380**	22	1.6	**200**	12	0.84	
75-05-8	Acetonitrile	**1.0**	2.3	0.56	**0.60**	1.4	0.33	**J**
107-02-8	Acrolein	**2.9**	4.3	0.64	**1.3**	1.9	0.28	**J**
67-64-1	Acetone	**86**	23	5.1	**36**	9.5	2.2	
75-69-4	Trichlorofluoromethane (CFC 11)	**5.2**	2.3	0.35	**0.93**	0.40	0.062	
67-63-0	2-Propanol (Isopropyl Alcohol)	**5.3**	9.0	0.94	**2.2**	3.7	0.38	**J**
107-13-1	Acrylonitrile	<0.47	2.3	0.47	<0.22	1.0	0.22	
75-35-4	1,1-Dichloroethene	<0.32	2.3	0.32	<0.080	0.58	0.080	
75-09-2	Methylene Chloride	<0.64	2.3	0.64	<0.18	0.65	0.18	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.31	2.3	0.31	<0.098	0.74	0.098	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.45**	2.3	0.32	**0.059**	0.30	0.042	**J**
75-15-0	Carbon Disulfide	**64**	4.7	0.68	**21**	1.5	0.22	
156-60-5	trans-1,2-Dichloroethene	<0.32	2.3	0.32	<0.080	0.58	0.080	
75-34-3	1,1-Dichloroethane	<0.33	2.4	0.33	<0.082	0.58	0.082	
1634-04-4	Methyl tert-Butyl Ether	<0.27	2.3	0.27	<0.075	0.64	0.075	**L**
108-05-4	Vinyl Acetate	**14**	23	5.1	**4.0**	6.6	1.5	**J**
78-93-3	2-Butanone (MEK)	**18**	4.7	0.47	**6.0**	1.6	0.16	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-93** ALS Project ID: P2003053
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003053-004

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/3/20
Analyst: Wida Ang Date Analyzed: 6/11/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00587

Initial Pressure (psig): -2.85 Final Pressure (psig): 5.52

Canister Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.32	2.3	0.32	<0.081	0.57	0.081	
141-78-6	Ethyl Acetate	**22**	4.7	1.2	**6.2**	1.3	0.33	
110-54-3	n-Hexane	**0.64**	2.3	0.47	**0.18**	0.66	0.13	**J**
67-66-3	Chloroform	**1.6**	2.3	0.30	**0.33**	0.47	0.062	**J**
109-99-9	Tetrahydrofuran (THF)	**1.6**	2.4	0.29	**0.53**	0.80	0.097	**J**
107-06-2	1,2-Dichloroethane	<0.25	2.3	0.25	<0.062	0.57	0.062	
71-55-6	1,1,1-Trichloroethane	<0.28	2.3	0.28	<0.052	0.42	0.052	
71-43-2	Benzene	**2.3**	2.3	0.33	**0.71**	0.71	0.10	
56-23-5	Carbon Tetrachloride	<0.32	2.3	0.32	<0.050	0.36	0.050	
110-82-7	Cyclohexane	<0.64	4.7	0.64	<0.19	1.4	0.19	
78-87-5	1,2-Dichloropropane	<0.28	2.3	0.28	<0.061	0.50	0.061	
75-27-4	Bromodichloromethane	<0.33	2.3	0.33	<0.049	0.34	0.049	
79-01-6	Trichloroethene	**0.89**	2.3	0.31	**0.17**	0.43	0.057	**J**
123-91-1	1,4-Dioxane	**3.1**	2.3	0.27	**0.87**	0.64	0.075	
80-62-6	Methyl Methacrylate	<0.81	4.7	0.81	<0.20	1.1	0.20	
142-82-5	n-Heptane	**2.4**	2.3	0.36	**0.58**	0.56	0.089	
10061-01-5	cis-1,3-Dichloropropene	<0.35	2.2	0.35	<0.078	0.49	0.078	
108-10-1	4-Methyl-2-pentanone	**1.4**	2.3	0.31	**0.35**	0.55	0.076	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.47	2.3	0.47	<0.10	0.50	0.10	
79-00-5	1,1,2-Trichloroethane	<0.23	2.3	0.23	<0.042	0.42	0.042	
108-88-3	Toluene	**21**	2.3	0.28	**5.5**	0.61	0.074	
591-78-6	2-Hexanone	**1.7**	2.3	0.28	**0.42**	0.56	0.069	**J**
124-48-1	Dibromochloromethane	<0.30	2.3	0.30	<0.035	0.27	0.035	
106-93-4	1,2-Dibromoethane	<0.27	2.3	0.27	<0.035	0.30	0.035	
123-86-4	n-Butyl Acetate	**10**	2.4	0.31	**2.2**	0.50	0.066	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-93** ALS Project ID: P2003053
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003053-004

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/3/20
Analyst: Wida Ang Date Analyzed: 6/11/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00587

Initial Pressure (psig): -2.85 Final Pressure (psig): 5.52

Canister Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**4.4**	2.3	0.51	**0.93**	0.49	0.11	
127-18-4	Tetrachloroethene	**0.90**	2.2	0.29	**0.13**	0.33	0.044	**J**
108-90-7	Chlorobenzene	<0.30	2.3	0.30	<0.066	0.50	0.066	
100-41-4	Ethylbenzene	**16**	2.3	0.32	**3.7**	0.53	0.074	
179601-23-1	m,p-Xylenes	**52**	4.7	0.60	**12**	1.1	0.14	
75-25-2	Bromoform	<0.47	2.3	0.47	<0.045	0.22	0.045	
100-42-5	Styrene	**1.6**	2.3	0.37	**0.38**	0.53	0.086	**J**
95-47-6	o-Xylene	**21**	2.3	0.33	**4.9**	0.53	0.076	
111-84-2	n-Nonane	**10**	2.3	0.38	**2.0**	0.44	0.073	
79-34-5	1,1,2,2-Tetrachloroethane	<0.32	2.3	0.32	<0.046	0.34	0.046	
98-82-8	Cumene	**5.1**	2.3	0.33	**1.0**	0.47	0.067	
80-56-8	alpha-Pinene	**0.44**	2.3	0.35	**0.079**	0.41	0.063	**J**
103-65-1	n-Propylbenzene	<0.33	2.3	0.33	<0.067	0.47	0.067	
622-96-8	4-Ethyltoluene	<0.36	2.3	0.36	<0.074	0.47	0.074	
108-67-8	1,3,5-Trimethylbenzene	<0.33	2.3	0.33	<0.067	0.46	0.067	
95-63-6	1,2,4-Trimethylbenzene	**1.2**	2.3	0.32	**0.24**	0.47	0.064	**J**
100-44-7	Benzyl Chloride	**0.99**	4.7	0.51	**0.19**	0.91	0.099	**J**
541-73-1	1,3-Dichlorobenzene	<0.34	2.3	0.34	<0.057	0.38	0.057	
106-46-7	1,4-Dichlorobenzene	<0.35	2.3	0.35	<0.058	0.38	0.058	
95-50-1	1,2-Dichlorobenzene	<0.34	2.3	0.34	<0.056	0.38	0.056	
5989-27-5	d-Limonene	**4.0**	2.3	0.47	**0.72**	0.41	0.084	
96-12-8	1,2-Dibromo-3-chloropropane	<0.43	2.3	0.43	<0.044	0.23	0.044	
120-82-1	1,2,4-Trichlorobenzene	<0.56	2.3	0.56	<0.075	0.31	0.075	
91-20-3	Naphthalene	**0.97**	2.2	0.56	**0.19**	0.42	0.11	**J**
87-68-3	Hexachlorobutadiene	<0.47	2.3	0.47	<0.044	0.21	0.044	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2003053
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P200611-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/11/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.13	0.53	0.13	<0.076	0.31	0.076	
75-71-8	Dichlorodifluoromethane (CFC 12)	<0.087	0.53	0.087	<0.018	0.11	0.018	
74-87-3	Chloromethane	<0.086	0.53	0.086	<0.042	0.26	0.042	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.084	0.53	0.084	<0.012	0.076	0.012	
75-01-4	Vinyl Chloride	<0.057	0.54	0.057	<0.022	0.21	0.022	
106-99-0	1,3-Butadiene	<0.088	0.53	0.088	<0.040	0.24	0.040	
74-83-9	Bromomethane	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-00-3	Chloroethane	<0.066	0.54	0.066	<0.025	0.20	0.025	
64-17-5	Ethanol	<0.37	5.2	0.37	<0.20	2.8	0.20	
75-05-8	Acetonitrile	<0.13	0.53	0.13	<0.077	0.32	0.077	
107-02-8	Acrolein	<0.15	1.0	0.15	<0.065	0.44	0.065	
67-64-1	Acetone	<1.2	5.3	1.2	<0.51	2.2	0.51	
75-69-4	Trichlorofluoromethane (CFC 11)	<0.081	0.53	0.081	<0.014	0.094	0.014	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.22	2.1	0.22	<0.090	0.85	0.090	
107-13-1	Acrylonitrile	<0.11	0.53	0.11	<0.051	0.24	0.051	
75-35-4	1,1-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-09-2	Methylene Chloride	<0.15	0.53	0.15	<0.043	0.15	0.043	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.072	0.54	0.072	<0.023	0.17	0.023	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.076	0.54	0.076	<0.0099	0.070	0.0099	
75-15-0	Carbon Disulfide	<0.16	1.1	0.16	<0.051	0.35	0.051	
156-60-5	trans-1,2-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-34-3	1,1-Dichloroethane	<0.078	0.55	0.078	<0.019	0.14	0.019	
1634-04-4	Methyl tert-Butyl Ether	<0.063	0.54	0.063	<0.017	0.15	0.017	**L**
108-05-4	Vinyl Acetate	<1.2	5.4	1.2	<0.34	1.5	0.34	
78-93-3	2-Butanone (MEK)	<0.11	1.1	0.11	<0.037	0.37	0.037	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003053

Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P200611-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA

Analyst: Wida Ang Date Analyzed: 6/11/20

Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.075	0.53	0.075	<0.019	0.13	0.019	
141-78-6	Ethyl Acetate	<0.28	1.1	0.28	<0.078	0.31	0.078	
110-54-3	n-Hexane	<0.11	0.54	0.11	<0.031	0.15	0.031	
67-66-3	Chloroform	<0.071	0.54	0.071	<0.015	0.11	0.015	
109-99-9	Tetrahydrofuran (THF)	<0.067	0.55	0.067	<0.023	0.19	0.023	
107-06-2	1,2-Dichloroethane	<0.059	0.54	0.059	<0.015	0.13	0.015	
71-55-6	1,1,1-Trichloroethane	<0.066	0.54	0.066	<0.012	0.099	0.012	
71-43-2	Benzene	<0.077	0.53	0.077	<0.024	0.17	0.024	
56-23-5	Carbon Tetrachloride	<0.074	0.53	0.074	<0.012	0.084	0.012	
110-82-7	Cyclohexane	<0.15	1.1	0.15	<0.044	0.32	0.044	
78-87-5	1,2-Dichloropropane	<0.066	0.54	0.066	<0.014	0.12	0.014	
75-27-4	Bromodichloromethane	<0.077	0.54	0.077	<0.011	0.081	0.011	
79-01-6	Trichloroethene	<0.072	0.54	0.072	<0.013	0.10	0.013	
123-91-1	1,4-Dioxane	<0.063	0.54	0.063	<0.017	0.15	0.017	
80-62-6	Methyl Methacrylate	<0.19	1.1	0.19	<0.046	0.27	0.046	
142-82-5	n-Heptane	<0.085	0.54	0.085	<0.021	0.13	0.021	
10061-01-5	cis-1,3-Dichloropropene	<0.083	0.52	0.083	<0.018	0.11	0.018	
108-10-1	4-Methyl-2-pentanone	<0.073	0.53	0.073	<0.018	0.13	0.018	
10061-02-6	trans-1,3-Dichloropropene	<0.11	0.53	0.11	<0.024	0.12	0.024	
79-00-5	1,1,2-Trichloroethane	<0.054	0.54	0.054	<0.0099	0.099	0.0099	
108-88-3	Toluene	<0.065	0.54	0.065	<0.017	0.14	0.017	
591-78-6	2-Hexanone	<0.066	0.54	0.066	<0.016	0.13	0.016	
124-48-1	Dibromochloromethane	<0.070	0.54	0.070	<0.0082	0.063	0.0082	
106-93-4	1,2-Dibromoethane	<0.062	0.54	0.062	<0.0081	0.070	0.0081	
123-86-4	n-Butyl Acetate	<0.073	0.55	0.073	<0.015	0.12	0.015	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003053

Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P200611-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA

Analyst: Wida Ang Date Analyzed: 6/11/20

Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.12	0.54	0.12	<0.026	0.12	0.026	
127-18-4	Tetrachloroethene	<0.069	0.52	0.069	<0.010	0.077	0.010	
108-90-7	Chlorobenzene	<0.071	0.54	0.071	<0.015	0.12	0.015	
100-41-4	Ethylbenzene	<0.075	0.54	0.075	<0.017	0.12	0.017	
179601-23-1	m,p-Xylenes	<0.14	1.1	0.14	<0.032	0.25	0.032	
75-25-2	Bromoform	<0.11	0.54	0.11	<0.011	0.052	0.011	
100-42-5	Styrene	<0.086	0.53	0.086	<0.020	0.12	0.020	
95-47-6	o-Xylene	<0.077	0.54	0.077	<0.018	0.12	0.018	
111-84-2	n-Nonane	<0.089	0.54	0.089	<0.017	0.10	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	<0.074	0.54	0.074	<0.011	0.079	0.011	
98-82-8	Cumene	<0.077	0.54	0.077	<0.016	0.11	0.016	
80-56-8	alpha-Pinene	<0.082	0.54	0.082	<0.015	0.097	0.015	
103-65-1	n-Propylbenzene	<0.077	0.54	0.077	<0.016	0.11	0.016	
622-96-8	4-Ethyltoluene	<0.085	0.54	0.085	<0.017	0.11	0.017	
108-67-8	1,3,5-Trimethylbenzene	<0.077	0.53	0.077	<0.016	0.11	0.016	
95-63-6	1,2,4-Trimethylbenzene	<0.074	0.54	0.074	<0.015	0.11	0.015	
100-44-7	Benzyl Chloride	<0.12	1.1	0.12	<0.023	0.21	0.023	
541-73-1	1,3-Dichlorobenzene	<0.080	0.54	0.080	<0.013	0.090	0.013	
106-46-7	1,4-Dichlorobenzene	<0.082	0.54	0.082	<0.014	0.090	0.014	
95-50-1	1,2-Dichlorobenzene	<0.079	0.54	0.079	<0.013	0.090	0.013	
5989-27-5	d-Limonene	<0.11	0.54	0.11	<0.020	0.097	0.020	
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.53	0.10	<0.010	0.055	0.010	
120-82-1	1,2,4-Trichlorobenzene	<0.13	0.54	0.13	<0.018	0.073	0.018	
91-20-3	Naphthalene	<0.13	0.52	0.13	<0.025	0.099	0.025	
87-68-3	Hexachlorobutadiene	<0.11	0.53	0.11	<0.010	0.050	0.010	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Project ID: P2003053

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date(s) Collected: 6/1/20
Analyst: Wida Ang Date(s) Received: 6/3/20
Sample Type: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 6/11/20
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P200611-MB	**116**	**95**	**84**	70-130	
Lab Control Sample	P200611-LCS	**116**	**95**	**85**	70-130	
SG-103	P2003053-001	**113**	**95**	**86**	70-130	
SG-103	P2003053-001DUP	**114**	**95**	**85**	70-130	
SG-95	P2003053-002	**116**	**96**	**83**	70-130	
SG-11	P2003053-003	**117**	**92**	**85**	70-130	
SG-93	P2003053-004	**116**	**95**	**84**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003053
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P200611-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/11/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
115-07-1	Propene	210	**239**	**114**	51-133	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**207**	**99**	64-115	
74-87-3	Chloromethane	212	**230**	**108**	49-127	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	206	**187**	**91**	65-114	
75-01-4	Vinyl Chloride	212	**240**	**113**	61-129	
106-99-0	1,3-Butadiene	212	**258**	**122**	54-140	
74-83-9	Bromomethane	212	**210**	**99**	68-120	
75-00-3	Chloroethane	214	**223**	**104**	63-123	
64-17-5	Ethanol	1,060	**1100**	**104**	49-134	
75-05-8	Acetonitrile	214	**231**	**108**	50-137	
107-02-8	Acrolein	206	**219**	**106**	62-128	
67-64-1	Acetone	1,070	**1150**	**107**	56-125	
75-69-4	Trichlorofluoromethane (CFC 11)	212	**210**	**99**	64-115	
67-63-0	2-Propanol (Isopropyl Alcohol)	422	**474**	**112**	57-133	
107-13-1	Acrylonitrile	212	**255**	**120**	64-136	
75-35-4	1,1-Dichloroethene	214	**218**	**102**	67-115	
75-09-2	Methylene Chloride	210	**207**	**99**	68-114	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	214	**231**	**108**	55-139	
76-13-1	Trichlorotrifluoroethane (CFC 113)	216	**186**	**86**	65-115	
75-15-0	Carbon Disulfide	212	**198**	**93**	68-113	
156-60-5	trans-1,2-Dichloroethene	214	**240**	**112**	65-122	
75-34-3	1,1-Dichloroethane	212	**218**	**103**	63-118	
1634-04-4	Methyl tert-Butyl Ether	214	**295**	**138**	57-131	**L**
108-05-4	Vinyl Acetate	1,070	**926**	**87**	71-128	
78-93-3	2-Butanone (MEK)	212	**222**	**105**	67-123	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003053
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P200611-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/11/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	212	**231**	**109**	64-120	
141-78-6	Ethyl Acetate	432	**509**	**118**	64-131	
110-54-3	n-Hexane	216	**242**	**112**	58-125	
67-66-3	Chloroform	214	**218**	**102**	65-114	
109-99-9	Tetrahydrofuran (THF)	220	**227**	**103**	65-115	
107-06-2	1,2-Dichloroethane	214	**228**	**107**	59-119	
71-55-6	1,1,1-Trichloroethane	214	**218**	**102**	66-115	
71-43-2	Benzene	210	**202**	**96**	66-109	
56-23-5	Carbon Tetrachloride	208	**201**	**97**	66-119	
110-82-7	Cyclohexane	422	**421**	**100**	67-117	
78-87-5	1,2-Dichloropropane	214	**219**	**102**	66-119	
75-27-4	Bromodichloromethane	218	**218**	**100**	71-119	
79-01-6	Trichloroethene	216	**190**	**88**	70-114	
123-91-1	1,4-Dioxane	216	**222**	**103**	71-117	
80-62-6	Methyl Methacrylate	430	**413**	**96**	76-121	
142-82-5	n-Heptane	214	**224**	**105**	66-119	
10061-01-5	cis-1,3-Dichloropropene	214	**240**	**112**	72-125	
108-10-1	4-Methyl-2-pentanone	212	**231**	**109**	68-130	
10061-02-6	trans-1,3-Dichloropropene	212	**229**	**108**	71-132	
79-00-5	1,1,2-Trichloroethane	214	**206**	**96**	70-117	
108-88-3	Toluene	212	**189**	**89**	67-113	
591-78-6	2-Hexanone	216	**237**	**110**	62-135	
124-48-1	Dibromochloromethane	214	**194**	**91**	73-126	
106-93-4	1,2-Dibromoethane	214	**196**	**92**	71-122	
123-86-4	n-Butyl Acetate	218	**247**	**113**	65-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003053
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P200611-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/11/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
111-65-9	n-Octane	216	**222**	**103**	63-120	
127-18-4	Tetrachloroethene	208	**165**	**79**	64-120	
108-90-7	Chlorobenzene	214	**177**	**83**	65-116	
100-41-4	Ethylbenzene	212	**201**	**95**	65-117	
179601-23-1	m,p-Xylenes	426	**399**	**94**	64-121	
75-25-2	Bromoform	214	**196**	**92**	72-130	
100-42-5	Styrene	212	**204**	**96**	72-126	
95-47-6	o-Xylene	214	**199**	**93**	64-120	
111-84-2	n-Nonane	214	**240**	**112**	56-132	
79-34-5	1,1,2,2-Tetrachloroethane	214	**204**	**95**	66-122	
98-82-8	Cumene	214	**191**	**89**	64-121	
80-56-8	alpha-Pinene	212	**197**	**93**	62-136	
103-65-1	n-Propylbenzene	214	**203**	**95**	65-123	
622-96-8	4-Ethyltoluene	210	**188**	**90**	71-126	
108-67-8	1,3,5-Trimethylbenzene	212	**193**	**91**	65-120	
95-63-6	1,2,4-Trimethylbenzene	212	**212**	**100**	63-129	
100-44-7	Benzyl Chloride	214	**196**	**92**	66-138	
541-73-1	1,3-Dichlorobenzene	214	**171**	**80**	65-127	
106-46-7	1,4-Dichlorobenzene	214	**162**	**76**	65-125	
95-50-1	1,2-Dichlorobenzene	214	**178**	**83**	67-128	
5989-27-5	d-Limonene	212	**226**	**107**	65-136	
96-12-8	1,2-Dibromo-3-chloropropane	214	**180**	**84**	73-133	
120-82-1	1,2,4-Trichlorobenzene	216	**156**	**72**	62-140	
91-20-3	Naphthalene	212	**171**	**81**	57-149	
87-68-3	Hexachlorobutadiene	214	**159**	**74**	57-129	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-103** ALS Project ID: P2003053
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003053-001DUP

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/3/20
Analyst: Wida Ang Date Analyzed: 6/11/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.075 Liter(s)
Test Notes: 0.015 Liter(s)
Container ID: 1SC00206

Initial Pressure (psig): -2.51 Final Pressure (psig): 5.90

Canister Dilution Factor: 1.69

Compound	Sample Result µg/m³	Sample Result ppbV	Duplicate Sample Result µg/m³	Duplicate Sample Result ppbV	Average µg/m³	% RPD	RPD Limit	Data Qualifier
Propene	<2.9	<1.7	<2.9	<1.7	-	-	25	
Dichlorodifluoromethane (CFC 12)	4.10	0.830	3.85	0.780	3.975	**6**	25	**J**
Chloromethane	<1.9	<0.94	<1.9	<0.94	-	-	25	**J**
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	2.21	0.316	2.10	0.300	2.155	**5**	25	**J**
Vinyl Chloride	<1.3	<0.50	<1.3	<0.50	-	-	25	
1,3-Butadiene	<2.0	<0.90	<2.0	<0.90	-	-	25	
Bromomethane	<1.7	<0.43	<1.7	<0.43	-	-	25	
Chloroethane	<1.5	<0.56	<1.5	<0.56	-	-	25	
Ethanol	19,700	10,400	20,000	10,600	19850	**2**	25	**D**
Acetonitrile	<2.9	<1.7	<2.9	<1.7	-	-	25	**J**
Acrolein	<3.4	<1.5	<3.4	<1.5	-	-	25	**J**
Acetone	285	120	282	119	283.5	**1**	25	
Trichlorofluoromethane	226	40.2	222	39.6	224	**2**	25	
2-Propanol (Isopropyl Alcohol)	21.9	8.90	21.9	8.90	21.9	**0**	25	**J**
Acrylonitrile	<2.5	<1.1	<2.5	<1.1	-	-	25	
1,1-Dichloroethene	<1.7	<0.42	<1.7	<0.42	-	-	25	
Methylene Chloride	<3.4	<0.97	<3.4	<0.97	-	-	25	
3-Chloro-1-propene (Allyl Chloride)	<1.6	<0.52	<1.6	<0.52	-	-	25	
Trichlorotrifluoroethane	<1.7	<0.22	<1.7	<0.22	-	-	25	
Carbon Disulfide	7.10	2.28	6.99	2.24	7.045	**2**	25	**J**
trans-1,2-Dichloroethene	<1.7	<0.42	<1.7	<0.42	-	-	25	
1,1-Dichloroethane	<1.8	<0.43	<1.8	<0.43	-	-	25	
Methyl tert-Butyl Ether	<1.4	<0.39	<1.4	<0.39	-	-	25	**L**
Vinyl Acetate	<27	<7.7	<27	<7.7	-	-	25	**J**
2-Butanone (MEK)	41.3	14.0	41.1	13.9	41.2	**0.5**	25	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
D = The reported result is from a dilution.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-103** ALS Project ID: P2003053
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003053-001DUP

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/3/20
Analyst: Wida Ang Date Analyzed: 6/11/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.075 Liter(s)
Test Notes: 0.015 Liter(s)
Container ID: 1SC00206

Initial Pressure (psig): -2.51 Final Pressure (psig): 5.90

Canister Dilution Factor: 1.69

Compound	Sample Result µg/m³	Sample Result ppbV	Duplicate Sample Result µg/m³	Duplicate Sample Result ppbV	Average µg/m³	% RPD	RPD Limit	Data Qualifier
cis-1,2-Dichloroethene	<1.7	<0.43	<1.7	<0.43	-	-	25	
Ethyl Acetate	32.8	9.11	32.0	8.88	32.4	**2**	25	
n-Hexane	<2.5	<0.70	<2.5	<0.70	-	-	25	
Chloroform	3.24	0.665	3.29	0.674	3.265	**2**	25	**J**
Tetrahydrofuran (THF)	<1.5	<0.51	<1.5	<0.51	-	-	25	
1,2-Dichloroethane	<1.3	<0.33	<1.3	<0.33	-	-	25	
1,1,1-Trichloroethane	<1.5	<0.27	<1.5	<0.27	-	-	25	
Benzene	5.75	1.80	5.61	1.76	5.68	**2**	25	**J**
Carbon Tetrachloride	<1.7	<0.27	<1.7	<0.27	-	-	25	
Cyclohexane	<3.4	<0.98	<3.4	<0.98	-	-	25	
1,2-Dichloropropane	<1.5	<0.32	<1.5	<0.32	-	-	25	
Bromodichloromethane	<1.7	<0.26	<1.7	<0.26	-	-	25	
Trichloroethene	<1.6	<0.30	<1.6	<0.30	-	-	25	
1,4-Dioxane	7.21	2.00	7.17	1.99	7.19	**0.6**	25	**J**
Methyl Methacrylate	<4.3	<1.0	<4.3	<1.0	-	-	25	
n-Heptane	2.07	0.506	<1.9	<0.47	-	-	25	**J**
cis-1,3-Dichloropropene	<1.9	<0.41	<1.9	<0.41	-	-	25	
4-Methyl-2-pentanone	<1.6	<0.40	<1.6	<0.40	-	-	25	
trans-1,3-Dichloropropene	<2.5	<0.55	<2.5	<0.55	-	-	25	
1,1,2-Trichloroethane	<1.2	<0.22	<1.2	<0.22	-	-	25	
Toluene	17.6	4.66	17.0	4.50	17.3	**3**	25	
2-Hexanone	4.46	1.09	5.48	1.34	4.97	**21**	25	**J**
Dibromochloromethane	<1.6	<0.19	<1.6	<0.19	-	-	25	
1,2-Dibromoethane	<1.4	<0.18	<1.4	<0.18	-	-	25	
n-Butyl Acetate	25.4	5.34	24.0	5.05	24.7	**6**	25	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-103** ALS Project ID: P2003053
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003053-001DUP

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/3/20
Analyst: Wida Ang Date Analyzed: 6/11/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.075 Liter(s)
Test Notes: 0.015 Liter(s)
Container ID: 1SC00206

Initial Pressure (psig): -2.51 Final Pressure (psig): 5.90

Canister Dilution Factor: 1.69

Compound	Sample Result µg/m³	Sample Result ppbV	Duplicate Sample Result **µg/m³**	Duplicate Sample Result **ppbV**	Average µg/m³	**% RPD**	RPD Limit	**Data Qualifier**
n-Octane	2.79	0.598	<2.7	<0.58	-	-	25	**J**
Tetrachloroethene	<1.6	<0.23	<1.6	<0.23	-	-	25	**J**
Chlorobenzene	<1.6	<0.35	<1.6	<0.35	-	-	25	
Ethylbenzene	9.94	2.29	9.53	2.20	9.735	**4**	25	**J**
m,p-Xylenes	28.5	6.58	27.9	6.43	28.2	**2**	25	
Bromoform	<2.5	<0.24	<2.5	<0.24	-	-	25	
Styrene	<1.9	<0.46	<1.9	<0.46	-	-	25	**J**
o-Xylene	11.2	2.58	10.7	2.47	10.95	**5**	25	**J**
n-Nonane	6.04	1.15	5.63	1.07	5.835	**7**	25	**J**
1,1,2,2-Tetrachloroethane	<1.7	<0.24	<1.7	<0.24	-	-	25	
Cumene	16.0	3.25	15.5	3.16	15.75	**3**	25	
alpha-Pinene	<1.8	<0.33	<1.8	<0.33	-	-	25	
n-Propylbenzene	<1.7	<0.35	<1.7	<0.35	-	-	25	
4-Ethyltoluene	<1.9	<0.39	<1.9	<0.39	-	-	25	
1,3,5-Trimethylbenzene	<1.7	<0.35	<1.7	<0.35	-	-	25	
1,2,4-Trimethylbenzene	<1.7	<0.34	<1.7	<0.34	-	-	25	
Benzyl Chloride	4.71	0.910	4.53	0.875	4.62	**4**	25	**J**
1,3-Dichlorobenzene	<1.8	<0.30	<1.8	<0.30	-	-	25	
1,4-Dichlorobenzene	<1.8	<0.31	<1.8	<0.31	-	-	25	
1,2-Dichlorobenzene	<1.8	<0.30	<1.8	<0.30	-	-	25	
d-Limonene	7.23	1.30	7.17	1.29	7.2	**0.8**	25	**J**
1,2-Dibromo-3-chloropropane	<2.3	<0.23	<2.3	<0.23	-	-	25	
1,2,4-Trichlorobenzene	<2.9	<0.39	<2.9	<0.39	-	-	25	
Naphthalene	<2.9	<0.56	<2.9	<0.56	-	-	25	
Hexachlorobutadiene	<2.5	<0.23	<2.5	<0.23	-	-	25	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Response Factor Report MS13

Method Path : I:\MS13\METHODS\
Method File : R13051120.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
Last Update : Mon May 11 18:45:35 2020
Response Via : Initial Calibration

Calibration Files
0.1 =05112010.D 0.2 =05112011.D 0.5 =05112012.D 1.0 =05112013.D 5.0 =05112014.D 25 =05112015.D 50 =05112016.D
100 =05112017.D

		Compound	0.1	0.2	0.5	1.0	5.0	25	50	100	Avg	%RSD
1)	IR	Bromochloromethane...	----------	ISTD	----------							
2)	T	Propene	1.934	1.664	1.926	1.779	1.954	1.763	1.797	1.818	1.829	5.52
3)	T	Dichlorodifluo...	2.839	2.630	2.729	2.672	2.716	2.447	2.422	2.118	2.572	8.99
4)	T	Chloromethane	2.165	2.075	2.313	2.396	2.041	2.107	1.938	1.144	2.022	18.99
5)	T	1,2-Dichloro-1...	1.439	1.339	1.458	1.398	1.383	1.291	1.320	1.204	1.354	6.16
6)	T	Vinyl Chloride	2.052	1.909	2.331	2.217	2.201	2.050	2.162	1.793	2.089	8.40
7)	T	1,3-Butadiene	1.670	1.683	1.709	1.788	1.688	1.573	1.629	1.351	1.636	7.99
8)	T	Bromomethane	0.975	1.099	1.286	1.222	1.241	1.159	1.185	1.017	1.148	9.54
9)	T	Chloroethane	1.016	1.088	1.166	1.076	1.186	1.007	1.078	0.901	1.065	8.57
10)	T	Ethanol	1.472	1.371	1.355	1.479	1.095	0.954	1.038	0.875	1.205	20.05
11)	T	Acetonitrile	3.620	3.494	3.421	3.737	3.355	2.807	3.156	2.852	3.305	10.31
12)	T	Acrolein	0.769	0.827	0.975	0.992	1.005	0.865	0.944	0.875	0.907	9.43
13)	T	Acetone		1.398	1.291	1.189	1.206	0.987	1.018	0.867	1.137	16.41
14)	T	Trichlorofluor...	2.187	2.239	2.290	2.142	2.182	1.907	1.984	1.846	2.097	7.78
15)	T	2-Propanol (Is...	4.372	3.988	3.980	3.825	4.093	3.536	3.728	2.756	3.785	12.80
16)	T	Acrylonitrile	1.312	1.625	1.937	1.957	2.185	1.911	2.082	1.990	1.875	14.86
17)	T	1,1-Dichloroet...	1.117	1.083	1.272	1.220	1.289	1.184	1.234	1.199	1.200	5.94
18)	T	2-Methyl-2-Pro...	2.397	2.376	2.707	2.662	2.870	2.711	2.906	2.720	2.669	7.25
19)	T	Methylene Chlo...	1.453	1.392	1.440	1.380	1.432	1.290	1.348	1.287	1.378	4.72
20)	T	3-Chloro-1-pro...	2.608	2.481	2.750	2.609	2.665	2.691	2.474	2.301	2.572	5.65
21)	T	Trichlorotrifl...	1.186	1.118	1.169	1.117	1.143	1.107	1.097	1.084	1.128	3.15
22)	T	Carbon Disulfide		6.726	6.033	5.454	5.211	5.016	4.878	4.629	5.421	13.49
23)	T	trans-1,2-Dich...	1.682	1.760	1.926	1.873	2.034	1.997	1.956	1.861	1.886	6.30
24)	T	1,1-Dichloroet...	2.523	2.432	2.623	2.520	2.551	2.444	2.375	2.229	2.462	4.95
25)	T	Methyl tert-Bu...	2.745	2.750	3.067	3.030	3.231	3.211	3.230	3.178	3.055	6.67
26)	T	Vinyl Acetate			0.316	0.313	0.344	0.341	0.330	0.300	0.324	5.33
27)	T	2-Butanone (MEK)			0.891	0.919	1.008	0.996	0.977	0.931	0.954	4.87
28)	T	cis-1,2-Dichlo...	1.819	1.753	1.960	1.882	1.941	1.911	1.859	1.757	1.860	4.23
29)	T	Diisopropyl Ether	1.052	1.102	1.316	1.277	1.333	1.117	1.067	0.955	1.152	12.07
30)	T	Ethyl Acetate		0.421	0.527	0.518	0.571	0.541	0.507	0.444	0.504	10.56
31)	T	n-Hexane	2.535	2.480	2.659	2.517	2.632	2.428	2.259	1.968	2.435	9.27
32)	T	Chloroform	2.217	2.152	2.342	2.181	2.220	2.141	2.097	2.002	2.169	4.58
33)	S	1,2-Dichloroet...	1.589	1.579	1.570	1.573	1.580	1.550	1.544	1.515	1.562	1.56
34)	T	Tetrahydrofura...	0.840	0.853	0.958	0.915	0.962	0.931	0.916	0.877	0.907	5.04
35)	T	Ethyl tert-But...	0.964	1.047	1.280	1.234	1.283	1.265	1.235	1.180	1.186	9.97
36)	T	1,2-Dichloroet...	1.750	1.622	1.687	1.630	1.674	1.614	1.562	1.475	1.627	5.12
37)	IR	1,4-Difluorobenzen...	----------	ISTD	----------							
38)	T	1,1,1-Trichlor...	0.406	0.395	0.419	0.398	0.412	0.406	0.395	0.376	0.401	3.29
39)	T	Isopropyl Acetate	0.163	0.175	0.201	0.197	0.216	0.210	0.199	0.178	0.192	9.45
40)	T	1-Butanol			0.228	0.251	0.307	0.339	0.326	0.290	0.290	14.82
41)	T	Benzene	1.387	1.280	1.340	1.256	1.269	1.224	1.172	1.035	1.245	8.62
42)	T	Carbon Tetrach...	0.361	0.356	0.383	0.361	0.369	0.372	0.361	0.346	0.364	3.05

Method Path : I:\MS13\METHODS\
Method File : R13051120.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)

43)	T	Cyclohexane	0.460	0.445	0.492	0.472	0.481	0.469	0.448	0.407	0.459	5.74
44)	T	tert-Amyl Meth...	0.672	0.654	0.720	0.681	0.709	0.707	0.680	0.631	0.682	4.38
45)	T	1,2-Dichloropr...	0.323	0.323	0.338	0.321	0.326	0.320	0.308	0.289	0.319	4.58
46)	T	Bromodichlorom...	0.351	0.353	0.393	0.359	0.381	0.380	0.370	0.352	0.367	4.33
47)	T	Trichloroethene	0.321	0.279	0.300	0.289	0.307	0.308	0.304	0.295	0.300	4.25
48)	T	1,4-Dioxane	0.193	0.193	0.232	0.230	0.250	0.251	0.248	0.238	0.229	10.33
49)	T	2,2,4-Trimethy...	1.341	1.256	1.423	1.307	1.313	1.271	1.209	1.088	1.276	7.74
50)	T	Methyl Methacr...			0.098	0.109	0.122	0.124	0.122	0.116	0.115	8.67
51)	T	n-Heptane	0.279	0.295	0.337	0.320	0.328	0.321	0.311	0.289	0.310	6.57
52)	T	cis-1,3-Dichlo...	0.355	0.410	0.450	0.452	0.500	0.513	0.501	0.470	0.456	11.62
53)	T	4-Methyl-2-pen...			0.256	0.274	0.311	0.315	0.304	0.282	0.290	8.06
54)	T	trans-1,3-Dich...		0.289	0.371	0.380	0.439	0.457	0.445	0.420	0.400	14.68
55)	T	1,1,2-Trichlor...	0.265	0.252	0.285	0.274	0.282	0.279	0.274	0.262	0.272	4.10
56)	IR	Chlorobenzene-d5 (...	----------ISTD----------									
57)	S	Toluene-d8 (SS2)	2.431	2.448	2.424	2.418	2.423	2.421	2.401	2.390	2.420	0.73
58)	T	Toluene	2.687	2.552	2.639	2.501	2.555	2.473	2.386	2.178	2.496	6.38
59)	T	2-Hexanone		1.024	1.253	1.357	1.566	1.567	1.497	1.355	1.374	14.15
60)	T	Dibromochlorom...	0.571	0.583	0.615	0.595	0.650	0.660	0.653	0.629	0.620	5.49
61)	T	1,2-Dibromoethane	0.506	0.521	0.597	0.587	0.638	0.639	0.629	0.600	0.589	8.66
62)	T	n-Butyl Acetate			1.257	1.413	1.711	1.736	1.672	1.507	1.549	12.30
63)	T	n-Octane	0.494	0.547	0.599	0.592	0.618	0.591	0.568	0.513	0.565	7.77
64)	T	Tetrachloroethene	0.683	0.667	0.714	0.676	0.678	0.682	0.675	0.663	0.680	2.28
65)	T	Chlorobenzene	1.797	1.676	1.706	1.602	1.634	1.604	1.560	1.452	1.629	6.30
66)	T	Ethylbenzene	2.656	2.580	2.715	2.645	2.818	2.774	2.663	2.395	2.656	4.89
67)	T	m- & p-Xylenes	2.070	2.027	2.190	2.123	2.158	2.131	2.048	1.820	2.071	5.59
68)	T	Bromoform	0.381	0.401	0.466	0.474	0.525	0.561	0.572	0.562	0.493	15.11
69)	T	Styrene	1.159	1.301	1.520	1.541	1.701	1.735	1.699	1.579	1.529	13.36
70)	T	o-Xylene	2.025	2.009	2.241	2.125	2.202	2.178	2.109	1.913	2.100	5.27
71)	T	n-Nonane	1.196	1.237	1.443	1.428	1.497	1.427	1.334	1.134	1.337	9.96
72)	T	1,1,2,2-Tetrac...	0.971	1.007	1.082	1.034	1.074	1.065	1.034	0.952	1.027	4.64
73)	S	Bromofluoroben...	0.663	0.662	0.668	0.671	0.682	0.689	0.684	0.705	0.678	2.17
74)	T	Cumene	2.690	2.657	2.752	2.663	2.794	2.721	2.608	2.332	2.652	5.35
75)	T	alpha-Pinene	1.273	1.283	1.368	1.353	1.486	1.441	1.390	1.250	1.356	6.15
76)	T	n-Propylbenzene	3.030	3.015	3.340	3.281	3.423	3.330	3.167	2.754	3.167	7.04
77)	T	3-Ethyltoluene	2.324	2.363	2.574	2.549	2.728	2.678	2.704	2.317	2.530	6.84
78)	T	4-Ethyltoluene	2.430	2.360	2.747	2.624	2.688	2.727	2.490	2.325	2.549	6.63
79)	T	1,3,5-Trimethy...	2.094	2.133	2.310	2.219	2.234	2.288	2.208	2.018	2.188	4.54
80)	T	alpha-Methylst...	0.884	0.932	1.089	1.103	1.211	1.212	1.190	1.112	1.092	11.35
81)	T	2-Ethyltoluene	2.439	2.484	2.727	2.607	2.678	2.684	2.575	2.313	2.563	5.55
82)	T	1,2,4-Trimethy...	1.741	1.872	2.169	2.134	2.230	2.334	2.222	1.916	2.077	10.02
83)	T	n-Decane	0.967	0.997	1.299	1.275	1.314	1.429	1.336	1.147	1.221	13.64
84)	T	Benzyl Chloride	1.345	1.394	1.661	1.650	1.863	2.097	2.056	1.873	1.743	16.09
85)	T	1,3-Dichlorobe...	1.289	1.242	1.277	1.217	1.279	1.376	1.359	1.293	1.292	4.14
86)	T	1,4-Dichlorobe...	1.385	1.253	1.276	1.225	1.273	1.370	1.365	1.305	1.307	4.60
87)	T	sec-Butylbenzene	2.837	2.895	3.087	2.993	3.127	3.118	2.956	2.607	2.953	5.92
88)	T	4-Isopropyltol...	2.283	2.334	2.685	2.618	2.786	2.842	2.647	2.168	2.545	9.81
89)	T	1,2,3-Trimethy...	1.820	1.891	2.238	2.129	2.213	2.362	2.250	1.924	2.103	9.45
90)	T	1,2-Dichlorobe...	1.167	1.177	1.245	1.169	1.231	1.323	1.306	1.190	1.226	5.02
91)	T	d-Limonene	0.683	0.769	0.886	0.920	1.000	0.981	0.925	0.781	0.868	12.92
92)	T	1,2-Dibromo-3-...	0.296	0.345	0.366	0.379	0.430	0.488	0.491	0.481	0.409	18.08
93)	T	n-Undecane			0.651	0.687	0.787	1.448	1.371	1.163	1.018	34.82
94)	T	1,2,4-Trichlor...			0.609	0.618	0.688	0.971	0.990	0.964	0.807	23.14

Method Path : I:\MS13\METHODS\
Method File : R13051120.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)

95)	T	Naphthalene			1.586	1.670	1.923	3.051	3.020	2.665	2.319	29.00
96)	T	n-Dodecane		0.148	0.135	0.156	0.215	1.266	1.210	1.006	0.591	91.30
97)	T	Hexachlorobuta...	0.552	0.562	0.571	0.537	0.566	0.615	0.633	0.635	0.584	6.53
98)	T	Cyclohexanone	0.711	0.765	0.839	0.868	0.978	1.001	0.979	0.901	0.880	12.00
99)	T	tert-Butylbenzene	1.980	2.075	2.230	2.151	2.253	2.254	2.120	1.813	2.110	7.24
100)	T	n-Butylbenzene	1.874	1.941	2.312	2.285	2.438	2.524	2.401	2.100	2.234	10.64

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : I:\MS13\DATA\2020 06\11\06112002.D Vial: 1
Acq On : 11 Jun 2020 12:27 Operator: WA
Sample : CCV R13061120 25ng Inst : MS13
Misc : S34-05112003/S34-06112004 (7/10)

Quant Time: Jun 11 13:53:07 2020
Quant Method : I:\MS13\METHODS\R13051120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Tue May 12 06:07:00 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

WA 6/11/20

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	94	0.00
2	T	Propene	1.829	2.107	-15.2	113	0.00
3	T	Dichlorodifluoromethane (CF	2.572	2.585	-0.5	100	0.00
4	T	Chloromethane	2.022	2.655	-31.3#	119	0.00
5	T	1,2-Dichloro-1,1,2,2-tetraf	1.354	1.251	7.6	91	0.00
6	T	Vinyl Chloride	2.089	2.387	-14.3	110	0.00
7	T	1,3-Butadiene	1.636	1.974	-20.7	118	0.00
8	T	Bromomethane	1.148	1.189	-3.6	97	0.00
9	T	Chloroethane	1.065	1.164	-9.3	109	0.00
10	T	Ethanol	1.205	1.423	-18.1	141	0.00
11	T	Acetonitrile	3.305	3.714	-12.4	125	0.00
12	T	Acrolein	0.907	1.100	-21.3	120	0.00
13	T	Acetone	1.137	1.253	-10.2	120	0.00
14	T	Trichlorofluoromethane	2.097	2.114	-0.8	105	0.00
15	T	2-Propanol (Isopropanol)	3.785	4.666	-23.3	124	0.00
16	T	Acrylonitrile	1.875	2.343	-25.0	116	0.00
17	T	1,1-Dichloroethene	1.200	1.231	-2.6	98	0.00
18	T	2-Methyl-2-Propanol (tert-B	2.669	3.832	-43.6#	133	0.00
19	T	Methylene Chloride	1.378	1.377	0.1	101	0.00
20	T	3-Chloro-1-propene (Allyl C	2.572	2.934	-14.1	103	0.00
21	T	Trichlorotrifluoroethane	1.128	0.979	13.2	83	0.00
22	T	Carbon Disulfide	5.421	5.109	5.8	96	0.00
23	T	trans-1,2-Dichloroethene	1.886	2.121	-12.5	100	0.00
24	T	1,1-Dichloroethane	2.462	2.574	-4.5	99	0.00
25	T	Methyl tert-Butyl Ether	3.055	4.196	-37.3#	123	0.00
26	T	Vinyl Acetate	0.324	0.349	-7.7	97	0.00
27	T	2-Butanone (MEK)	0.954	1.029	-7.9	98	0.00
28	T	cis-1,2-Dichloroethene	1.860	2.033	-9.3	100	0.00
29	T	Diisopropyl Ether	1.152	1.132	1.7	96	0.00
30	T	Ethyl Acetate	0.504	0.590	-17.1	103	0.00
31	T	n-Hexane	2.435	2.688	-10.4	104	0.00
32	T	Chloroform	2.169	2.223	-2.5	98	0.00
33	S	1,2-Dichloroethane-d4(SS1)	1.562	1.815	-16.2	110	0.00
34	T	Tetrahydrofuran (THF)	0.907	0.959	-5.7	97	0.00
35	T	Ethyl tert-Butyl Ether	1.186	1.570	-32.4#	117	0.00
36	T	1,2-Dichloroethane	1.627	1.741	-7.0	102	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	96	0.00
38	T	1,1,1-Trichloroethane	0.401	0.410	-2.2	97	0.00
39	T	Isopropyl Acetate	0.192	0.221	-15.1	101	0.00
40	T	1-Butanol	0.290	0.366	-26.2	104	0.00
41	T	Benzene	1.245	1.224	1.7	96	0.00
42	T	Carbon Tetrachloride	0.364	0.367	-0.8	95	0.00
43	T	Cyclohexane	0.459	0.458	0.2	94	0.00
44	T	tert-Amyl Methyl Ether	0.682	0.874	-28.2	119	0.00
45	T	1,2-Dichloropropane	0.319	0.326	-2.2	98	0.00
46	T	Bromodichloromethane	0.367	0.384	-4.6	97	0.00
47	T	Trichloroethene	0.300	0.273	9.0	85	0.00
48	T	1,4-Dioxane	0.229	0.243	-6.1	93	0.00
49	T	2,2,4-Trimethylpentane (Iso	1.276	1.448	-13.5	110	0.00
50	T	Methyl Methacrylate	0.115	0.115	0.0	89	0.00
51	T	n-Heptane	0.310	0.321	-3.5	96	0.00
52	T	cis-1,3-Dichloropropene	0.456	0.516	-13.2	97	0.00
53	T	4-Methyl-2-pentanone	0.290	0.328	-13.1	100	0.00
54	T	trans-1,3-Dichloropropene	0.400	0.461	-15.3	97	0.00
55	T	1,1,2-Trichloroethane	0.272	0.264	2.9	91	0.00

Evaluate Continuing Calibration Report

Data File : I:\MS13\DATA\2020 06\11\06112002.D Vial: 1
Acq On : 11 Jun 2020 12:27 Operator: WA
Sample : CCV R13061120 25ng Inst : MS13
Misc : S34-05112003/S34-06112004 (7/10)

Quant Time: Jun 11 13:53:07 2020
Quant Method : I:\MS13\METHODS\R13051120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Tue May 12 06:07:00 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
56	IR	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	104	0.00
57	S	Toluene-d8 (SS2)	2.420	2.280	5.8	98	0.00
58	T	Toluene	2.496	2.219	11.1	93	0.00
59	T	2-Hexanone	1.374	1.615	-17.5	107	0.00
60	T	Dibromochloromethane	0.620	0.571	7.9	90	0.00
61	T	1,2-Dibromoethane	0.589	0.550	6.6	89	0.00
62	T	n-Butyl Acetate	1.549	1.793	-15.8	107	0.00
63	T	n-Octane	0.565	0.576	-1.9	101	0.00
64	T	Tetrachloroethene	0.680	0.529	22.2	80	0.00
65	T	Chlorobenzene	1.629	1.358	16.6	88	0.00
66	T	Ethylbenzene	2.656	2.474	6.9	92	0.00
67	T	m- & p-Xylenes	2.071	1.928	6.9	94	0.00
68	T	Bromoform	0.493	0.455	7.7	84	0.00
69	T	Styrene	1.529	1.507	1.4	90	0.00
70	T	o-Xylene	2.100	1.975	6.0	94	0.00
71	T	n-Nonane	1.337	1.503	-12.4	109	0.00
72	T	1,1,2,2-Tetrachloroethane	1.027	0.975	5.1	95	0.00
73	S	Bromofluorobenzene (SS3)	0.678	0.578	14.7	87	0.00
74	T	Cumene	2.652	2.386	10.0	91	0.00
75	T	alpha-Pinene	1.356	1.318	2.8	95	0.00
76	T	n-Propylbenzene	3.167	3.047	3.8	95	0.00
77	T	3-Ethyltoluene	2.530	2.398	5.2	93	0.00
78	T	4-Ethyltoluene	2.549	2.382	6.6	90	0.00
79	T	1,3,5-Trimethylbenzene	2.188	2.028	7.3	92	0.00
80	T	alpha-Methylstyrene	1.092	1.107	-1.4	95	0.00
81	T	2-Ethyltoluene	2.563	2.375	7.3	92	0.00
82	T	1,2,4-Trimethylbenzene	2.077	2.112	-1.7	94	0.00
83	T	n-Decane	1.221	1.428	-17.0	104	0.00
84	T	Benzyl Chloride	1.743	1.967	-12.9	97	0.00
85	T	1,3-Dichlorobenzene	1.292	1.113	13.9	84	0.00
86	T	1,4-Dichlorobenzene	1.307	1.094	16.3	83	0.00
87	T	sec-Butylbenzene	2.953	2.707	8.3	90	0.00
88	T	4-Isopropyltoluene (p-Cymen	2.545	2.465	3.1	90	0.00
89	T	1,2,3-Trimethylbenzene	2.103	2.143	-1.9	94	0.00
90	T	1,2-Dichlorobenzene	1.226	1.078	12.1	84	0.00
91	T	d-Limonene	0.868	0.983	-13.2	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.409	0.377	7.8	80	0.00
93	T	n-Undecane	1.018	1.363	-33.9#	98	0.00
94	T	1,2,4-Trichlorobenzene	0.807	0.710	12.0	76	0.00
95	T	Naphthalene	2.319	2.472	-6.6	84	0.00
96	T	n-Dodecane	0.591	1.172	-98.3#	96	0.00
97	T	Hexachlorobutadiene	0.584	0.444	24.0	75	0.00
98	T	Cyclohexanone	0.880	0.966	-9.8	100	0.00
99	T	tert-Butylbenzene	2.110	1.960	7.1	90	0.00
100	T	n-Butylbenzene	2.234	2.263	-1.3	93	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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www.alsglobal.com

LABORATORY REPORT

June 17, 2020

Eyal Shvartz
Dr. Katz Technologies & Enterprises (KTE)
HaMeginim Ave. 53
Haifa, ISR-HA 33265

RE: Tel Hashomer / KTE-50-20-Simi

Dear Eyal:

Enclosed are the results of the samples submitted to our laboratory on June 3, 2020. For your reference, these analyses have been assigned our service request number P2003054.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Sue Anderson at 12:47 pm, Jun 17, 2020

Sue Anderson
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request No: P2003054
Project: Tel Hashomer / KTE-50-20-Simi

CASE NARRATIVE

The samples were received intact under chain of custody on June 3, 2020 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.1 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-007
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request: P2003054

Project ID: Tel Hashomer / KTE-50-20-Simi

Date Received: 6/3/2020

Time Received: 09:15

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	2nd Pi (psig)	2nd Pf (psig)	TO-15 - VOC Cans
SG-49	P2003054-001	Air	6/1/2020	11:50	1SS00878	-1.79	6.35	6.11	11.44	X
SG-124	P2003054-002	Air	6/1/2020	12:40	1SS00203	-2.34	6.01			X
SG-129	P2003054-003	Air	6/1/2020	13:28	1SS00136	-2.38	6.68			X
SG-63	P2003054-004	Air	6/1/2020	14:15	1SC00856	-1.25	5.80			X

Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161

Page ____ of ____

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No. P2003054

Company Name & Address (Reporting Information)

Project Name

Project Number

Project Manager

P.O. # / Billing Information

Phone | Fax

Email Address for Result Reporting

Sampler (Print & Sign)

ALS Contact:

Analysis Method

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume			**Comments** e.g. Actual Preservative or specific instructions
	1										
	2										
	3										
	4										
	5										

5 of 32

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____

Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) 10% Surcharge ____

EDD required Yes / No

Type: ____ Units: ____

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date: 6-23-21	Time: 0915

Project Requirements (MRLs, QAPP)

Cooler / Blank Temperature ____ °C

ALS Environmental

Sample Acceptance Check Form

Client: Dr. Katz Technologies & Enterprises (KTE) Work order: P2003054

Project: Tel Hashomer / KTE-50-20-Simi

Sample(s) received on: 6/3/20 Date opened: 6/3/20 by: ADAVID

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2003054-001.01	1.0 L Source Silonite Canister					
P2003054-002.01	1.0 L Source Silonite Canister					
P2003054-003.01	1.0 L Source Silonite Canister					
P2003054-004.01	1.0 L Source Can					

Explain any discrepancies: (include lab sample ID numbers): _____

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-49** ALS Project ID: P2003054
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003054-001

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/3/20
Analyst: Lusine Hakobyan Date Analyzed: 6/12/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00878

Initial Pressure (psig): -1.79 Final Pressure (psig): 6.35
Initial Pressure 2 (psig): 6.11 Final Pressure 2 (psig): 11.44
Canister Dilution Factor: 2.05

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.86**	2.7	0.67	**0.50**	1.6	0.39	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.9**	2.7	0.45	**0.59**	0.55	0.090	
74-87-3	Chloromethane	<0.44	2.7	0.44	<0.21	1.3	0.21	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	**0.66**	2.7	0.43	**0.095**	0.39	0.062	**J**
75-01-4	Vinyl Chloride	<0.29	2.8	0.29	<0.11	1.1	0.11	
106-99-0	1,3-Butadiene	<0.45	2.7	0.45	<0.20	1.2	0.20	
74-83-9	Bromomethane	<0.38	2.8	0.38	<0.098	0.71	0.098	
75-00-3	Chloroethane	<0.34	2.8	0.34	<0.13	1.0	0.13	
64-17-5	Ethanol	**12**	27	1.9	**6.3**	14	1.0	**J**
75-05-8	Acetonitrile	**0.80**	2.7	0.67	**0.48**	1.6	0.40	**J**
107-02-8	Acrolein	**1.1**	5.1	0.77	**0.46**	2.2	0.34	**J**
67-64-1	Acetone	**13**	27	6.2	**5.4**	11	2.6	**J**
75-69-4	Trichlorofluoromethane (CFC 11)	**190**	2.7	0.42	**33**	0.48	0.074	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.3**	11	1.1	**0.54**	4.4	0.46	**J**
107-13-1	Acrylonitrile	<0.56	2.7	0.56	<0.26	1.3	0.26	
75-35-4	1,1-Dichloroethene	<0.38	2.8	0.38	<0.096	0.70	0.096	
75-09-2	Methylene Chloride	<0.77	2.7	0.77	<0.22	0.78	0.22	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.37	2.8	0.37	<0.12	0.88	0.12	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.64**	2.8	0.39	**0.083**	0.36	0.051	**J**
75-15-0	Carbon Disulfide	<0.82	5.6	0.82	<0.26	1.8	0.26	
156-60-5	trans-1,2-Dichloroethene	<0.38	2.8	0.38	<0.096	0.70	0.096	
75-34-3	1,1-Dichloroethane	<0.40	2.8	0.40	<0.099	0.70	0.099	
1634-04-4	Methyl tert-Butyl Ether	**0.60**	2.8	0.32	**0.17**	0.77	0.090	**J**
108-05-4	Vinyl Acetate	<6.2	28	6.2	<1.7	7.9	1.7	
78-93-3	2-Butanone (MEK)	**2.9**	5.6	0.56	**1.0**	1.9	0.19	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-49** ALS Project ID: P2003054
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003054-001

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/3/20
Analyst: Lusine Hakobyan Date Analyzed: 6/12/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00878

Initial Pressure (psig): -1.79 Final Pressure (psig): 6.35
Initial Pressure 2 (psig): 6.11 Final Pressure 2 (psig): 11.44

Canister Dilution Factor: 2.05

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.38	2.7	0.38	<0.097	0.69	0.097	
141-78-6	Ethyl Acetate	**18**	5.6	1.4	**5.0**	1.6	0.40	
110-54-3	n-Hexane	**0.88**	2.8	0.56	**0.25**	0.79	0.16	**J**
67-66-3	Chloroform	**6.1**	2.8	0.36	**1.2**	0.57	0.075	
109-99-9	Tetrahydrofuran (THF)	**0.88**	2.8	0.34	**0.30**	0.96	0.12	**J**
107-06-2	1,2-Dichloroethane	<0.30	2.8	0.30	<0.075	0.68	0.075	
71-55-6	1,1,1-Trichloroethane	<0.34	2.8	0.34	<0.062	0.51	0.062	
71-43-2	Benzene	<0.39	2.7	0.39	<0.12	0.85	0.12	
56-23-5	Carbon Tetrachloride	<0.38	2.7	0.38	<0.060	0.43	0.060	
110-82-7	Cyclohexane	<0.77	5.6	0.77	<0.22	1.6	0.22	
78-87-5	1,2-Dichloropropane	<0.34	2.8	0.34	<0.073	0.60	0.073	
75-27-4	Bromodichloromethane	<0.39	2.8	0.39	<0.059	0.41	0.059	
79-01-6	Trichloroethene	**0.43**	2.8	0.37	**0.079**	0.52	0.069	**J**
123-91-1	1,4-Dioxane	<0.32	2.8	0.32	<0.090	0.77	0.090	
80-62-6	Methyl Methacrylate	**1.5**	5.6	0.97	**0.38**	1.4	0.24	**J**
142-82-5	n-Heptane	**1.7**	2.8	0.44	**0.42**	0.68	0.11	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.43	2.7	0.43	<0.094	0.59	0.094	
108-10-1	4-Methyl-2-pentanone	<0.37	2.7	0.37	<0.091	0.66	0.091	
10061-02-6	trans-1,3-Dichloropropene	<0.56	2.7	0.56	<0.12	0.60	0.12	
79-00-5	1,1,2-Trichloroethane	<0.28	2.8	0.28	<0.051	0.51	0.051	
108-88-3	Toluene	**40**	2.8	0.33	**11**	0.73	0.088	
591-78-6	2-Hexanone	<0.34	2.8	0.34	<0.083	0.68	0.083	
124-48-1	Dibromochloromethane	<0.36	2.8	0.36	<0.042	0.32	0.042	
106-93-4	1,2-Dibromoethane	<0.32	2.8	0.32	<0.041	0.36	0.041	
123-86-4	n-Butyl Acetate	**1.4**	2.8	0.37	**0.29**	0.59	0.079	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-49** ALS Project ID: P2003054
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003054-001

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/3/20
Analyst: Lusine Hakobyan Date Analyzed: 6/12/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00878

Initial Pressure (psig): -1.79 Final Pressure (psig): 6.35
Initial Pressure 2 (psig): 6.11 Final Pressure 2 (psig): 11.44

Canister Dilution Factor: 2.05

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**2.3**	2.8	0.62	**0.49**	0.59	0.13	**J**
127-18-4	Tetrachloroethene	**2.1**	2.7	0.35	**0.31**	0.39	0.052	**J**
108-90-7	Chlorobenzene	<0.36	2.8	0.36	<0.079	0.60	0.079	
100-41-4	Ethylbenzene	**10**	2.8	0.38	**2.3**	0.64	0.089	
179601-23-1	m,p-Xylenes	**32**	5.6	0.72	**7.5**	1.3	0.17	
75-25-2	Bromoform	<0.56	2.8	0.56	<0.055	0.27	0.055	
100-42-5	Styrene	**2.3**	2.7	0.44	**0.53**	0.64	0.10	**J**
95-47-6	o-Xylene	**13**	2.8	0.39	**2.9**	0.64	0.091	
111-84-2	n-Nonane	**4.6**	2.8	0.46	**0.87**	0.53	0.087	
79-34-5	1,1,2,2-Tetrachloroethane	<0.38	2.8	0.38	<0.055	0.40	0.055	
98-82-8	Cumene	<0.39	2.8	0.39	<0.080	0.56	0.080	
80-56-8	alpha-Pinene	<0.42	2.8	0.42	<0.075	0.50	0.075	
103-65-1	n-Propylbenzene	**0.41**	2.8	0.39	**0.083**	0.56	0.080	**J**
622-96-8	4-Ethyltoluene	**0.65**	2.8	0.44	**0.13**	0.56	0.089	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.58**	2.7	0.39	**0.12**	0.55	0.080	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.6**	2.8	0.38	**0.52**	0.56	0.077	**J**
100-44-7	Benzyl Chloride	<0.62	5.6	0.62	<0.12	1.1	0.12	
541-73-1	1,3-Dichlorobenzene	<0.41	2.8	0.41	<0.068	0.46	0.068	
106-46-7	1,4-Dichlorobenzene	<0.42	2.8	0.42	<0.070	0.46	0.070	
95-50-1	1,2-Dichlorobenzene	<0.40	2.8	0.40	<0.067	0.46	0.067	
5989-27-5	d-Limonene	**2.3**	2.8	0.56	**0.42**	0.50	0.10	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.51	2.7	0.51	<0.053	0.28	0.053	
120-82-1	1,2,4-Trichlorobenzene	<0.67	2.8	0.67	<0.090	0.37	0.090	
91-20-3	Naphthalene	**0.75**	2.7	0.67	**0.14**	0.51	0.13	**J**
87-68-3	Hexachlorobutadiene	<0.56	2.7	0.56	<0.053	0.25	0.053	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-124** ALS Project ID: P2003054
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003054-002

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/3/20
Analyst: Lusine Hakobyan Date Analyzed: 6/12/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00203

Initial Pressure (psig): -2.34 Final Pressure (psig): 6.01

Canister Dilution Factor: 1.68

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.1**	2.2	0.55	**0.61**	1.3	0.32	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.1**	2.2	0.37	**0.83**	0.45	0.074	
74-87-3	Chloromethane	<0.36	2.2	0.36	<0.17	1.1	0.17	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.35	2.2	0.35	<0.050	0.32	0.050	
75-01-4	Vinyl Chloride	<0.24	2.3	0.24	<0.094	0.89	0.094	
106-99-0	1,3-Butadiene	<0.37	2.2	0.37	<0.17	1.0	0.17	
74-83-9	Bromomethane	**0.39**	2.3	0.31	**0.10**	0.58	0.080	**J**
75-00-3	Chloroethane	<0.28	2.3	0.28	<0.11	0.86	0.11	
64-17-5	Ethanol	**8.5**	22	1.6	**4.5**	12	0.83	**J**
75-05-8	Acetonitrile	**0.56**	2.2	0.55	**0.33**	1.3	0.33	**J**
107-02-8	Acrolein	**1.3**	4.2	0.63	**0.55**	1.8	0.27	**J**
67-64-1	Acetone	**12**	22	5.0	**4.9**	9.4	2.1	**J**
75-69-4	Trichlorofluoromethane (CFC 11)	**130**	2.2	0.34	**23**	0.40	0.061	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.92	8.8	0.92	<0.38	3.6	0.38	
107-13-1	Acrylonitrile	<0.46	2.2	0.46	<0.21	1.0	0.21	
75-35-4	1,1-Dichloroethene	**7.3**	2.3	0.31	**1.9**	0.57	0.078	
75-09-2	Methylene Chloride	<0.63	2.2	0.63	<0.18	0.64	0.18	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.30	2.3	0.30	<0.097	0.72	0.097	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.60**	2.3	0.32	**0.078**	0.30	0.042	**J**
75-15-0	Carbon Disulfide	**1.3**	4.6	0.67	**0.42**	1.5	0.22	**J**
156-60-5	trans-1,2-Dichloroethene	<0.31	2.3	0.31	<0.078	0.57	0.078	
75-34-3	1,1-Dichloroethane	<0.33	2.3	0.33	<0.081	0.57	0.081	
1634-04-4	Methyl tert-Butyl Ether	**0.48**	2.3	0.26	**0.13**	0.63	0.073	**J**
108-05-4	Vinyl Acetate	<5.0	23	5.0	<1.4	6.4	1.4	
78-93-3	2-Butanone (MEK)	**2.5**	4.6	0.46	**0.85**	1.6	0.16	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-124** ALS Project ID: P2003054
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003054-002

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/3/20
Analyst: Lusine Hakobyan Date Analyzed: 6/12/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00203

Initial Pressure (psig): -2.34 Final Pressure (psig): 6.01

Canister Dilution Factor: 1.68

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.32	2.2	0.32	<0.079	0.56	0.079	
141-78-6	Ethyl Acetate	**9.1**	4.6	1.2	**2.5**	1.3	0.33	
110-54-3	n-Hexane	<0.46	2.3	0.46	<0.13	0.64	0.13	
67-66-3	Chloroform	**2.0**	2.3	0.30	**0.40**	0.46	0.061	**J**
109-99-9	Tetrahydrofuran (THF)	**0.36**	2.3	0.28	**0.12**	0.78	0.095	**J**
107-06-2	1,2-Dichloroethane	<0.25	2.3	0.25	<0.061	0.56	0.061	
71-55-6	1,1,1-Trichloroethane	<0.28	2.3	0.28	<0.051	0.42	0.051	
71-43-2	Benzene	<0.32	2.2	0.32	<0.10	0.70	0.10	
56-23-5	Carbon Tetrachloride	**0.32**	2.2	0.31	**0.050**	0.35	0.049	**J**
110-82-7	Cyclohexane	<0.63	4.6	0.63	<0.18	1.3	0.18	
78-87-5	1,2-Dichloropropane	<0.28	2.3	0.28	<0.060	0.49	0.060	
75-27-4	Bromodichloromethane	<0.32	2.3	0.32	<0.048	0.34	0.048	
79-01-6	Trichloroethene	**4.4**	2.3	0.30	**0.82**	0.42	0.056	
123-91-1	1,4-Dioxane	<0.26	2.3	0.26	<0.073	0.63	0.073	
80-62-6	Methyl Methacrylate	<0.80	4.6	0.80	<0.19	1.1	0.19	
142-82-5	n-Heptane	**1.2**	2.3	0.36	**0.30**	0.55	0.087	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.35	2.2	0.35	<0.077	0.48	0.077	
108-10-1	4-Methyl-2-pentanone	<0.31	2.2	0.31	<0.075	0.54	0.075	
10061-02-6	trans-1,3-Dichloropropene	<0.46	2.2	0.46	<0.10	0.49	0.10	
79-00-5	1,1,2-Trichloroethane	<0.23	2.3	0.23	<0.042	0.42	0.042	
108-88-3	Toluene	**17**	2.3	0.27	**4.5**	0.60	0.072	
591-78-6	2-Hexanone	<0.28	2.3	0.28	<0.068	0.55	0.068	
124-48-1	Dibromochloromethane	<0.29	2.3	0.29	<0.035	0.27	0.035	
106-93-4	1,2-Dibromoethane	<0.26	2.3	0.26	<0.034	0.30	0.034	
123-86-4	n-Butyl Acetate	**0.53**	2.3	0.31	**0.11**	0.49	0.065	**J**

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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-124** ALS Project ID: P2003054
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003054-002

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/3/20
Analyst: Lusine Hakobyan Date Analyzed: 6/12/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00203

Initial Pressure (psig): -2.34 Final Pressure (psig): 6.01

Canister Dilution Factor: 1.68

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**1.5**	2.3	0.50	**0.31**	0.49	0.11	**J**
127-18-4	Tetrachloroethene	**2.5**	2.2	0.29	**0.36**	0.32	0.043	
108-90-7	Chlorobenzene	<0.30	2.3	0.30	<0.065	0.49	0.065	
100-41-4	Ethylbenzene	**5.7**	2.3	0.32	**1.3**	0.52	0.073	
179601-23-1	m,p-Xylenes	**18**	4.6	0.59	**4.2**	1.1	0.14	
75-25-2	Bromoform	<0.46	2.3	0.46	<0.045	0.22	0.045	
100-42-5	Styrene	**1.1**	2.2	0.36	**0.25**	0.52	0.085	**J**
95-47-6	o-Xylene	**7.6**	2.3	0.32	**1.8**	0.52	0.074	
111-84-2	n-Nonane	**2.9**	2.3	0.37	**0.55**	0.43	0.071	
79-34-5	1,1,2,2-Tetrachloroethane	<0.31	2.3	0.31	<0.045	0.33	0.045	
98-82-8	Cumene	<0.32	2.3	0.32	<0.066	0.46	0.066	
80-56-8	alpha-Pinene	<0.34	2.3	0.34	<0.062	0.41	0.062	
103-65-1	n-Propylbenzene	**0.42**	2.3	0.32	**0.086**	0.46	0.066	**J**
622-96-8	4-Ethyltoluene	**0.42**	2.3	0.36	**0.086**	0.46	0.073	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.37**	2.2	0.32	**0.074**	0.45	0.066	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.4**	2.3	0.31	**0.29**	0.46	0.063	**J**
100-44-7	Benzyl Chloride	<0.50	4.6	0.50	<0.097	0.89	0.097	
541-73-1	1,3-Dichlorobenzene	<0.34	2.3	0.34	<0.056	0.38	0.056	
106-46-7	1,4-Dichlorobenzene	<0.34	2.3	0.34	<0.057	0.38	0.057	
95-50-1	1,2-Dichlorobenzene	<0.33	2.3	0.33	<0.055	0.38	0.055	
5989-27-5	d-Limonene	**1.8**	2.3	0.46	**0.33**	0.41	0.083	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.42	2.2	0.42	<0.043	0.23	0.043	
120-82-1	1,2,4-Trichlorobenzene	<0.55	2.3	0.55	<0.074	0.31	0.074	
91-20-3	Naphthalene	<0.55	2.2	0.55	<0.10	0.42	0.10	
87-68-3	Hexachlorobutadiene	<0.46	2.2	0.46	<0.043	0.21	0.043	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-129** ALS Project ID: P2003054
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003054-003

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/3/20
Analyst: Lusine Hakobyan Date Analyzed: 6/12/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00136

Initial Pressure (psig): -2.38 Final Pressure (psig): 6.68

Canister Dilution Factor: 1.74

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.8**	2.3	0.57	**1.1**	1.3	0.33	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.8**	2.3	0.38	**0.56**	0.47	0.077	
74-87-3	Chloromethane	<0.37	2.3	0.37	<0.18	1.1	0.18	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.37	2.3	0.37	<0.052	0.33	0.052	
75-01-4	Vinyl Chloride	<0.25	2.3	0.25	<0.097	0.92	0.097	
106-99-0	1,3-Butadiene	<0.38	2.3	0.38	<0.17	1.0	0.17	
74-83-9	Bromomethane	<0.32	2.3	0.32	<0.083	0.61	0.083	
75-00-3	Chloroethane	<0.29	2.3	0.29	<0.11	0.89	0.11	
64-17-5	Ethanol	**7.6**	23	1.6	**4.0**	12	0.85	**J**
75-05-8	Acetonitrile	<0.57	2.3	0.57	<0.34	1.4	0.34	
107-02-8	Acrolein	**0.89**	4.4	0.65	**0.39**	1.9	0.28	**J**
67-64-1	Acetone	**13**	23	5.2	**5.5**	9.7	2.2	**J**
75-69-4	Trichlorofluoromethane (CFC 11)	**32**	2.3	0.35	**5.6**	0.41	0.063	
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.8**	9.1	0.96	**1.1**	3.7	0.39	**J**
107-13-1	Acrylonitrile	<0.48	2.3	0.48	<0.22	1.1	0.22	
75-35-4	1,1-Dichloroethene	<0.32	2.3	0.32	<0.081	0.59	0.081	
75-09-2	Methylene Chloride	<0.65	2.3	0.65	<0.19	0.66	0.19	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.31	2.3	0.31	<0.10	0.75	0.10	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.53**	2.3	0.33	**0.069**	0.31	0.043	**J**
75-15-0	Carbon Disulfide	**15**	4.8	0.70	**4.8**	1.5	0.22	
156-60-5	trans-1,2-Dichloroethene	<0.32	2.3	0.32	<0.081	0.59	0.081	
75-34-3	1,1-Dichloroethane	<0.34	2.4	0.34	<0.084	0.59	0.084	
1634-04-4	Methyl tert-Butyl Ether	<0.27	2.3	0.27	<0.076	0.65	0.076	
108-05-4	Vinyl Acetate	<5.2	23	5.2	<1.5	6.7	1.5	
78-93-3	2-Butanone (MEK)	**2.3**	4.8	0.48	**0.79**	1.6	0.16	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-129** ALS Project ID: P2003054
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003054-003

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/3/20
Analyst: Lusine Hakobyan Date Analyzed: 6/12/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00136

Initial Pressure (psig): -2.38 Final Pressure (psig): 6.68

Canister Dilution Factor: 1.74

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.33	2.3	0.33	<0.082	0.58	0.082	
141-78-6	Ethyl Acetate	**9.2**	4.8	1.2	**2.5**	1.3	0.34	
110-54-3	n-Hexane	<0.48	2.3	0.48	<0.14	0.67	0.14	
67-66-3	Chloroform	**2.7**	2.3	0.31	**0.56**	0.48	0.063	
109-99-9	Tetrahydrofuran (THF)	**0.43**	2.4	0.29	**0.14**	0.81	0.099	**J**
107-06-2	1,2-Dichloroethane	<0.26	2.3	0.26	<0.063	0.58	0.063	
71-55-6	1,1,1-Trichloroethane	<0.29	2.3	0.29	<0.053	0.43	0.053	
71-43-2	Benzene	**2.5**	2.3	0.33	**0.78**	0.72	0.10	
56-23-5	Carbon Tetrachloride	<0.32	2.3	0.32	<0.051	0.37	0.051	
110-82-7	Cyclohexane	<0.65	4.8	0.65	<0.19	1.4	0.19	
78-87-5	1,2-Dichloropropane	<0.29	2.3	0.29	<0.062	0.51	0.062	
75-27-4	Bromodichloromethane	<0.33	2.3	0.33	<0.050	0.35	0.050	
79-01-6	Trichloroethene	**0.78**	2.3	0.31	**0.15**	0.44	0.058	**J**
123-91-1	1,4-Dioxane	<0.27	2.3	0.27	<0.076	0.65	0.076	
80-62-6	Methyl Methacrylate	<0.83	4.8	0.83	<0.20	1.2	0.20	
142-82-5	n-Heptane	**0.90**	2.3	0.37	**0.22**	0.57	0.090	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.36	2.3	0.36	<0.080	0.50	0.080	
108-10-1	4-Methyl-2-pentanone	<0.32	2.3	0.32	<0.078	0.56	0.078	
10061-02-6	trans-1,3-Dichloropropene	<0.48	2.3	0.48	<0.11	0.51	0.11	
79-00-5	1,1,2-Trichloroethane	<0.23	2.3	0.23	<0.043	0.43	0.043	
108-88-3	Toluene	**11**	2.3	0.28	**3.0**	0.62	0.075	
591-78-6	2-Hexanone	<0.29	2.3	0.29	<0.070	0.57	0.070	
124-48-1	Dibromochloromethane	<0.30	2.3	0.30	<0.036	0.28	0.036	
106-93-4	1,2-Dibromoethane	<0.27	2.3	0.27	<0.035	0.31	0.035	
123-86-4	n-Butyl Acetate	**0.66**	2.4	0.32	**0.14**	0.50	0.067	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-129** ALS Project ID: P2003054
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003054-003

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/3/20
Analyst: Lusine Hakobyan Date Analyzed: 6/12/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00136

Initial Pressure (psig): -2.38 Final Pressure (psig): 6.68

Canister Dilution Factor: 1.74

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**1.4**	2.3	0.52	**0.30**	0.50	0.11	**J**
127-18-4	Tetrachloroethene	**3.2**	2.3	0.30	**0.48**	0.33	0.044	
108-90-7	Chlorobenzene	**2.0**	2.3	0.31	**0.45**	0.51	0.067	**J**
100-41-4	Ethylbenzene	**5.3**	2.3	0.33	**1.2**	0.54	0.075	
179601-23-1	m,p-Xylenes	**16**	4.8	0.61	**3.7**	1.1	0.14	
75-25-2	Bromoform	<0.48	2.3	0.48	<0.046	0.23	0.046	
100-42-5	Styrene	**0.84**	2.3	0.37	**0.20**	0.54	0.088	**J**
95-47-6	o-Xylene	**7.1**	2.3	0.33	**1.6**	0.54	0.077	
111-84-2	n-Nonane	**2.8**	2.3	0.39	**0.53**	0.45	0.074	
79-34-5	1,1,2,2-Tetrachloroethane	<0.32	2.3	0.32	<0.047	0.34	0.047	
98-82-8	Cumene	<0.33	2.3	0.33	<0.068	0.48	0.068	
80-56-8	alpha-Pinene	**0.41**	2.3	0.36	**0.074**	0.42	0.064	**J**
103-65-1	n-Propylbenzene	**0.60**	2.3	0.33	**0.12**	0.48	0.068	**J**
622-96-8	4-Ethyltoluene	**0.39**	2.3	0.37	**0.080**	0.48	0.075	**J**
108-67-8	1,3,5-Trimethylbenzene	<0.33	2.3	0.33	<0.068	0.47	0.068	
95-63-6	1,2,4-Trimethylbenzene	**1.1**	2.3	0.32	**0.23**	0.48	0.066	**J**
100-44-7	Benzyl Chloride	<0.52	4.8	0.52	<0.10	0.92	0.10	
541-73-1	1,3-Dichlorobenzene	<0.35	2.3	0.35	<0.058	0.39	0.058	
106-46-7	1,4-Dichlorobenzene	**2.7**	2.3	0.36	**0.44**	0.39	0.059	
95-50-1	1,2-Dichlorobenzene	<0.34	2.3	0.34	<0.057	0.39	0.057	
5989-27-5	d-Limonene	**1.9**	2.3	0.48	**0.34**	0.42	0.086	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.44	2.3	0.44	<0.045	0.24	0.045	
120-82-1	1,2,4-Trichlorobenzene	<0.57	2.3	0.57	<0.076	0.32	0.076	
91-20-3	Naphthalene	**2.2**	2.3	0.57	**0.42**	0.43	0.11	**J**
87-68-3	Hexachlorobutadiene	<0.48	2.3	0.48	<0.045	0.22	0.045	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-63** ALS Project ID: P2003054
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003054-004

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/3/20
Analyst: Lusine Hakobyan Date Analyzed: 6/12/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00856

Initial Pressure (psig): -1.25 Final Pressure (psig): 5.80

Canister Dilution Factor: 1.52

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.2**	2.0	0.49	**0.71**	1.2	0.29	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	2.0	0.33	**0.46**	0.41	0.067	
74-87-3	Chloromethane	**0.59**	2.0	0.33	**0.29**	0.98	0.16	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.32	2.0	0.32	<0.046	0.29	0.046	
75-01-4	Vinyl Chloride	<0.22	2.1	0.22	<0.085	0.80	0.085	
106-99-0	1,3-Butadiene	<0.33	2.0	0.33	<0.15	0.91	0.15	
74-83-9	Bromomethane	<0.28	2.1	0.28	<0.072	0.53	0.072	
75-00-3	Chloroethane	<0.25	2.1	0.25	<0.095	0.78	0.095	
64-17-5	Ethanol	**57**	20	1.4	**30**	10	0.75	
75-05-8	Acetonitrile	<0.49	2.0	0.49	<0.29	1.2	0.29	
107-02-8	Acrolein	**2.8**	3.8	0.57	**1.2**	1.7	0.25	**J**
67-64-1	Acetone	**48**	20	4.6	**20**	8.5	1.9	
75-69-4	Trichlorofluoromethane (CFC 11)	**2.8**	2.0	0.31	**0.49**	0.36	0.055	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.4**	8.0	0.84	**0.56**	3.2	0.34	**J**
107-13-1	Acrylonitrile	<0.42	2.0	0.42	<0.19	0.93	0.19	
75-35-4	1,1-Dichloroethene	<0.28	2.1	0.28	<0.071	0.52	0.071	
75-09-2	Methylene Chloride	<0.57	2.0	0.57	<0.16	0.58	0.16	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.27	2.1	0.27	<0.087	0.66	0.087	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.51**	2.1	0.29	**0.066**	0.27	0.038	**J**
75-15-0	Carbon Disulfide	**0.82**	4.2	0.61	**0.26**	1.3	0.20	**J**
156-60-5	trans-1,2-Dichloroethene	<0.28	2.1	0.28	<0.071	0.52	0.071	
75-34-3	1,1-Dichloroethane	<0.30	2.1	0.30	<0.073	0.52	0.073	
1634-04-4	Methyl tert-Butyl Ether	<0.24	2.1	0.24	<0.066	0.57	0.066	
108-05-4	Vinyl Acetate	**9.3**	21	4.6	**2.6**	5.8	1.3	**J**
78-93-3	2-Butanone (MEK)	**4.1**	4.2	0.42	**1.4**	1.4	0.14	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-63** ALS Project ID: P2003054
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003054-004

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/3/20
Analyst: Lusine Hakobyan Date Analyzed: 6/12/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00856

Initial Pressure (psig): -1.25 Final Pressure (psig): 5.80

Canister Dilution Factor: 1.52

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.29	2.0	0.29	<0.072	0.51	0.072	
141-78-6	Ethyl Acetate	**6.2**	4.2	1.1	**1.7**	1.2	0.30	
110-54-3	n-Hexane	<0.42	2.1	0.42	<0.12	0.58	0.12	
67-66-3	Chloroform	**0.95**	2.1	0.27	**0.19**	0.42	0.055	**J**
109-99-9	Tetrahydrofuran (THF)	**0.30**	2.1	0.25	**0.10**	0.71	0.086	**J**
107-06-2	1,2-Dichloroethane	<0.22	2.1	0.22	<0.055	0.51	0.055	
71-55-6	1,1,1-Trichloroethane	<0.25	2.1	0.25	<0.046	0.38	0.046	
71-43-2	Benzene	**0.30**	2.0	0.29	**0.095**	0.63	0.092	**J**
56-23-5	Carbon Tetrachloride	<0.28	2.0	0.28	<0.045	0.32	0.045	
110-82-7	Cyclohexane	<0.57	4.2	0.57	<0.17	1.2	0.17	
78-87-5	1,2-Dichloropropane	<0.25	2.1	0.25	<0.054	0.44	0.054	
75-27-4	Bromodichloromethane	<0.29	2.1	0.29	<0.044	0.31	0.044	
79-01-6	Trichloroethene	**8.1**	2.1	0.27	**1.5**	0.38	0.051	
123-91-1	1,4-Dioxane	<0.24	2.1	0.24	<0.066	0.57	0.066	
80-62-6	Methyl Methacrylate	<0.72	4.2	0.72	<0.18	1.0	0.18	
142-82-5	n-Heptane	**0.50**	2.1	0.32	**0.12**	0.50	0.079	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.32	2.0	0.32	<0.070	0.44	0.070	
108-10-1	4-Methyl-2-pentanone	**1.1**	2.0	0.28	**0.26**	0.49	0.068	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.42	2.0	0.42	<0.092	0.44	0.092	
79-00-5	1,1,2-Trichloroethane	<0.21	2.1	0.21	<0.038	0.38	0.038	
108-88-3	Toluene	**7.7**	2.1	0.25	**2.0**	0.54	0.066	
591-78-6	2-Hexanone	**0.80**	2.1	0.25	**0.20**	0.50	0.061	**J**
124-48-1	Dibromochloromethane	<0.27	2.1	0.27	<0.031	0.24	0.031	
106-93-4	1,2-Dibromoethane	<0.24	2.1	0.24	<0.031	0.27	0.031	
123-86-4	n-Butyl Acetate	**0.30**	2.1	0.28	**0.063**	0.44	0.058	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-63** ALS Project ID: P2003054
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003054-004

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/3/20
Analyst: Lusine Hakobyan Date Analyzed: 6/12/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00856

Initial Pressure (psig): -1.25 Final Pressure (psig): 5.80

Canister Dilution Factor: 1.52

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**0.77**	2.1	0.46	**0.17**	0.44	0.098	**J**
127-18-4	Tetrachloroethene	**0.86**	2.0	0.26	**0.13**	0.29	0.039	**J**
108-90-7	Chlorobenzene	<0.27	2.1	0.27	<0.059	0.45	0.059	
100-41-4	Ethylbenzene	**2.7**	2.1	0.29	**0.62**	0.47	0.066	
179601-23-1	m,p-Xylenes	**8.6**	4.2	0.53	**2.0**	0.96	0.12	
75-25-2	Bromoform	<0.42	2.1	0.42	<0.040	0.20	0.040	
100-42-5	Styrene	**0.79**	2.0	0.33	**0.19**	0.47	0.077	**J**
95-47-6	o-Xylene	**3.6**	2.1	0.29	**0.82**	0.47	0.067	
111-84-2	n-Nonane	**1.7**	2.1	0.34	**0.32**	0.39	0.064	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.28	2.1	0.28	<0.041	0.30	0.041	
98-82-8	Cumene	<0.29	2.1	0.29	<0.060	0.42	0.060	
80-56-8	alpha-Pinene	**16**	2.1	0.31	**2.9**	0.37	0.056	
103-65-1	n-Propylbenzene	<0.29	2.1	0.29	<0.060	0.42	0.060	
622-96-8	4-Ethyltoluene	<0.32	2.1	0.32	<0.066	0.42	0.066	
108-67-8	1,3,5-Trimethylbenzene	<0.29	2.0	0.29	<0.060	0.41	0.060	
95-63-6	1,2,4-Trimethylbenzene	**0.49**	2.1	0.28	**0.10**	0.42	0.057	**J**
100-44-7	Benzyl Chloride	<0.46	4.2	0.46	<0.088	0.81	0.088	
541-73-1	1,3-Dichlorobenzene	<0.30	2.1	0.30	<0.051	0.34	0.051	
106-46-7	1,4-Dichlorobenzene	<0.31	2.1	0.31	<0.052	0.34	0.052	
95-50-1	1,2-Dichlorobenzene	<0.30	2.1	0.30	<0.050	0.34	0.050	
5989-27-5	d-Limonene	**9.0**	2.1	0.42	**1.6**	0.37	0.075	
96-12-8	1,2-Dibromo-3-chloropropane	<0.38	2.0	0.38	<0.039	0.21	0.039	
120-82-1	1,2,4-Trichlorobenzene	<0.49	2.1	0.49	<0.067	0.28	0.067	
91-20-3	Naphthalene	<0.49	2.0	0.49	<0.094	0.38	0.094	
87-68-3	Hexachlorobutadiene	<0.42	2.0	0.42	<0.039	0.19	0.039	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2003054
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P200611-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 6/11/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.13	0.53	0.13	<0.076	0.31	0.076	
75-71-8	Dichlorodifluoromethane (CFC 12)	<0.087	0.53	0.087	<0.018	0.11	0.018	
74-87-3	Chloromethane	<0.086	0.53	0.086	<0.042	0.26	0.042	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.084	0.53	0.084	<0.012	0.076	0.012	
75-01-4	Vinyl Chloride	<0.057	0.54	0.057	<0.022	0.21	0.022	
106-99-0	1,3-Butadiene	<0.088	0.53	0.088	<0.040	0.24	0.040	
74-83-9	Bromomethane	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-00-3	Chloroethane	<0.066	0.54	0.066	<0.025	0.20	0.025	
64-17-5	Ethanol	<0.37	5.2	0.37	<0.20	2.8	0.20	
75-05-8	Acetonitrile	<0.13	0.53	0.13	<0.077	0.32	0.077	
107-02-8	Acrolein	<0.15	1.0	0.15	<0.065	0.44	0.065	
67-64-1	Acetone	<1.2	5.3	1.2	<0.51	2.2	0.51	
75-69-4	Trichlorofluoromethane (CFC 11)	<0.081	0.53	0.081	<0.014	0.094	0.014	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.22	2.1	0.22	<0.090	0.85	0.090	
107-13-1	Acrylonitrile	<0.11	0.53	0.11	<0.051	0.24	0.051	
75-35-4	1,1-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-09-2	Methylene Chloride	<0.15	0.53	0.15	<0.043	0.15	0.043	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.072	0.54	0.072	<0.023	0.17	0.023	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.076	0.54	0.076	<0.0099	0.070	0.0099	
75-15-0	Carbon Disulfide	<0.16	1.1	0.16	<0.051	0.35	0.051	
156-60-5	trans-1,2-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-34-3	1,1-Dichloroethane	<0.078	0.55	0.078	<0.019	0.14	0.019	
1634-04-4	Methyl tert-Butyl Ether	<0.063	0.54	0.063	<0.017	0.15	0.017	
108-05-4	Vinyl Acetate	<1.2	5.4	1.2	<0.34	1.5	0.34	
78-93-3	2-Butanone (MEK)	<0.11	1.1	0.11	<0.037	0.37	0.037	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003054

Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P200611-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA

Analyst: Lusine Hakobyan Date Analyzed: 6/11/20

Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.075	0.53	0.075	<0.019	0.13	0.019	
141-78-6	Ethyl Acetate	<0.28	1.1	0.28	<0.078	0.31	0.078	
110-54-3	n-Hexane	<0.11	0.54	0.11	<0.031	0.15	0.031	
67-66-3	Chloroform	<0.071	0.54	0.071	<0.015	0.11	0.015	
109-99-9	Tetrahydrofuran (THF)	<0.067	0.55	0.067	<0.023	0.19	0.023	
107-06-2	1,2-Dichloroethane	<0.059	0.54	0.059	<0.015	0.13	0.015	
71-55-6	1,1,1-Trichloroethane	<0.066	0.54	0.066	<0.012	0.099	0.012	
71-43-2	Benzene	<0.077	0.53	0.077	<0.024	0.17	0.024	
56-23-5	Carbon Tetrachloride	<0.074	0.53	0.074	<0.012	0.084	0.012	
110-82-7	Cyclohexane	<0.15	1.1	0.15	<0.044	0.32	0.044	
78-87-5	1,2-Dichloropropane	<0.066	0.54	0.066	<0.014	0.12	0.014	
75-27-4	Bromodichloromethane	<0.077	0.54	0.077	<0.011	0.081	0.011	
79-01-6	Trichloroethene	<0.072	0.54	0.072	<0.013	0.10	0.013	
123-91-1	1,4-Dioxane	<0.063	0.54	0.063	<0.017	0.15	0.017	
80-62-6	Methyl Methacrylate	<0.19	1.1	0.19	<0.046	0.27	0.046	
142-82-5	n-Heptane	<0.085	0.54	0.085	<0.021	0.13	0.021	
10061-01-5	cis-1,3-Dichloropropene	<0.083	0.52	0.083	<0.018	0.11	0.018	
108-10-1	4-Methyl-2-pentanone	<0.073	0.53	0.073	<0.018	0.13	0.018	
10061-02-6	trans-1,3-Dichloropropene	<0.11	0.53	0.11	<0.024	0.12	0.024	
79-00-5	1,1,2-Trichloroethane	<0.054	0.54	0.054	<0.0099	0.099	0.0099	
108-88-3	Toluene	<0.065	0.54	0.065	<0.017	0.14	0.017	
591-78-6	2-Hexanone	<0.066	0.54	0.066	<0.016	0.13	0.016	
124-48-1	Dibromochloromethane	<0.070	0.54	0.070	<0.0082	0.063	0.0082	
106-93-4	1,2-Dibromoethane	<0.062	0.54	0.062	<0.0081	0.070	0.0081	
123-86-4	n-Butyl Acetate	<0.073	0.55	0.073	<0.015	0.12	0.015	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003054

Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P200611-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA

Analyst: Lusine Hakobyan Date Analyzed: 6/11/20

Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.12	0.54	0.12	<0.026	0.12	0.026	
127-18-4	Tetrachloroethene	<0.069	0.52	0.069	<0.010	0.077	0.010	
108-90-7	Chlorobenzene	<0.071	0.54	0.071	<0.015	0.12	0.015	
100-41-4	Ethylbenzene	<0.075	0.54	0.075	<0.017	0.12	0.017	
179601-23-1	m,p-Xylenes	<0.14	1.1	0.14	<0.032	0.25	0.032	
75-25-2	Bromoform	<0.11	0.54	0.11	<0.011	0.052	0.011	
100-42-5	Styrene	<0.086	0.53	0.086	<0.020	0.12	0.020	
95-47-6	o-Xylene	<0.077	0.54	0.077	<0.018	0.12	0.018	
111-84-2	n-Nonane	<0.089	0.54	0.089	<0.017	0.10	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	<0.074	0.54	0.074	<0.011	0.079	0.011	
98-82-8	Cumene	<0.077	0.54	0.077	<0.016	0.11	0.016	
80-56-8	alpha-Pinene	<0.082	0.54	0.082	<0.015	0.097	0.015	
103-65-1	n-Propylbenzene	<0.077	0.54	0.077	<0.016	0.11	0.016	
622-96-8	4-Ethyltoluene	<0.085	0.54	0.085	<0.017	0.11	0.017	
108-67-8	1,3,5-Trimethylbenzene	<0.077	0.53	0.077	<0.016	0.11	0.016	
95-63-6	1,2,4-Trimethylbenzene	<0.074	0.54	0.074	<0.015	0.11	0.015	
100-44-7	Benzyl Chloride	<0.12	1.1	0.12	<0.023	0.21	0.023	
541-73-1	1,3-Dichlorobenzene	<0.080	0.54	0.080	<0.013	0.090	0.013	
106-46-7	1,4-Dichlorobenzene	<0.082	0.54	0.082	<0.014	0.090	0.014	
95-50-1	1,2-Dichlorobenzene	<0.079	0.54	0.079	<0.013	0.090	0.013	
5989-27-5	d-Limonene	<0.11	0.54	0.11	<0.020	0.097	0.020	
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.53	0.10	<0.010	0.055	0.010	
120-82-1	1,2,4-Trichlorobenzene	<0.13	0.54	0.13	<0.018	0.073	0.018	
91-20-3	Naphthalene	<0.13	0.52	0.13	<0.025	0.099	0.025	
87-68-3	Hexachlorobutadiene	<0.11	0.53	0.11	<0.010	0.050	0.010	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Project ID: P2003054

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date(s) Collected: 6/1/20
Analyst: Lusine Hakobyan Date(s) Received: 6/3/20
Sample Type: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 6/11 - 6/12/20
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P200611-MB	**94**	**99**	**104**	70-130	
Lab Control Sample	P200611-LCS	**92**	**97**	**111**	70-130	
SG-49	P2003054-001	**95**	**96**	**108**	70-130	
SG-49	P2003054-001DUP	**94**	**96**	**110**	70-130	
SG-124	P2003054-002	**95**	**97**	**111**	70-130	
SG-129	P2003054-003	**95**	**96**	**110**	70-130	
SG-63	P2003054-004	**93**	**97**	**111**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003054
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P200611-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 6/11/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
115-07-1	Propene	210	**188**	**90**	51-133	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**182**	**87**	64-115	
74-87-3	Chloromethane	212	**175**	**83**	49-127	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	206	**168**	**82**	65-114	
75-01-4	Vinyl Chloride	212	**173**	**82**	61-129	
106-99-0	1,3-Butadiene	212	**175**	**83**	54-140	
74-83-9	Bromomethane	212	**176**	**83**	68-120	
75-00-3	Chloroethane	214	**178**	**83**	63-123	
64-17-5	Ethanol	1,060	**852**	**80**	49-134	
75-05-8	Acetonitrile	214	**172**	**80**	50-137	
107-02-8	Acrolein	206	**171**	**83**	62-128	
67-64-1	Acetone	1,070	**901**	**84**	56-125	
75-69-4	Trichlorofluoromethane (CFC 11)	212	**179**	**84**	64-115	
67-63-0	2-Propanol (Isopropyl Alcohol)	422	**364**	**86**	57-133	
107-13-1	Acrylonitrile	212	**176**	**83**	64-136	
75-35-4	1,1-Dichloroethene	214	**185**	**86**	67-115	
75-09-2	Methylene Chloride	210	**174**	**83**	68-114	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	214	**171**	**80**	55-139	
76-13-1	Trichlorotrifluoroethane (CFC 113)	216	**192**	**89**	65-115	
75-15-0	Carbon Disulfide	212	**178**	**84**	68-113	
156-60-5	trans-1,2-Dichloroethene	214	**177**	**83**	65-122	
75-34-3	1,1-Dichloroethane	212	**177**	**83**	63-118	
1634-04-4	Methyl tert-Butyl Ether	214	**185**	**86**	57-131	
108-05-4	Vinyl Acetate	1,070	**956**	**89**	71-128	
78-93-3	2-Butanone (MEK)	212	**177**	**83**	67-123	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003054
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P200611-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 6/11/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
156-59-2	cis-1,2-Dichloroethene	212	**177**	**83**	64-120	
141-78-6	Ethyl Acetate	432	**395**	**91**	64-131	
110-54-3	n-Hexane	216	**188**	**87**	58-125	
67-66-3	Chloroform	214	**182**	**85**	65-114	
109-99-9	Tetrahydrofuran (THF)	220	**181**	**82**	65-115	
107-06-2	1,2-Dichloroethane	214	**174**	**81**	59-119	
71-55-6	1,1,1-Trichloroethane	214	**191**	**89**	66-115	
71-43-2	Benzene	210	**181**	**86**	66-109	
56-23-5	Carbon Tetrachloride	208	**188**	**90**	66-119	
110-82-7	Cyclohexane	422	**378**	**90**	67-117	
78-87-5	1,2-Dichloropropane	214	**189**	**88**	66-119	
75-27-4	Bromodichloromethane	218	**193**	**89**	71-119	
79-01-6	Trichloroethene	216	**193**	**89**	70-114	
123-91-1	1,4-Dioxane	216	**195**	**90**	71-117	
80-62-6	Methyl Methacrylate	430	**393**	**91**	76-121	
142-82-5	n-Heptane	214	**185**	**86**	66-119	
10061-01-5	cis-1,3-Dichloropropene	214	**199**	**93**	72-125	
108-10-1	4-Methyl-2-pentanone	212	**192**	**91**	68-130	
10061-02-6	trans-1,3-Dichloropropene	212	**201**	**95**	71-132	
79-00-5	1,1,2-Trichloroethane	214	**196**	**92**	70-117	
108-88-3	Toluene	212	**191**	**90**	67-113	
591-78-6	2-Hexanone	216	**203**	**94**	62-135	
124-48-1	Dibromochloromethane	214	**209**	**98**	73-126	
106-93-4	1,2-Dibromoethane	214	**203**	**95**	71-122	
123-86-4	n-Butyl Acetate	218	**209**	**96**	65-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003054
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P200611-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 6/11/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
111-65-9	n-Octane	216	**190**	**88**	63-120	
127-18-4	Tetrachloroethene	208	**199**	**96**	64-120	
108-90-7	Chlorobenzene	214	**189**	**88**	65-116	
100-41-4	Ethylbenzene	212	**202**	**95**	65-117	
179601-23-1	m,p-Xylenes	426	**407**	**96**	64-121	
75-25-2	Bromoform	214	**210**	**98**	72-130	
100-42-5	Styrene	212	**212**	**100**	72-126	
95-47-6	o-Xylene	214	**200**	**93**	64-120	
111-84-2	n-Nonane	214	**197**	**92**	56-132	
79-34-5	1,1,2,2-Tetrachloroethane	214	**207**	**97**	66-122	
98-82-8	Cumene	214	**204**	**95**	64-121	
80-56-8	alpha-Pinene	212	**199**	**94**	62-136	
103-65-1	n-Propylbenzene	214	**211**	**99**	65-123	
622-96-8	4-Ethyltoluene	210	**208**	**99**	71-126	
108-67-8	1,3,5-Trimethylbenzene	212	**209**	**99**	65-120	
95-63-6	1,2,4-Trimethylbenzene	212	**230**	**108**	63-129	
100-44-7	Benzyl Chloride	214	**210**	**98**	66-138	
541-73-1	1,3-Dichlorobenzene	214	**222**	**104**	65-127	
106-46-7	1,4-Dichlorobenzene	214	**225**	**105**	65-125	
95-50-1	1,2-Dichlorobenzene	214	**229**	**107**	67-128	
5989-27-5	d-Limonene	212	**209**	**99**	65-136	
96-12-8	1,2-Dibromo-3-chloropropane	214	**216**	**101**	73-133	
120-82-1	1,2,4-Trichlorobenzene	216	**244**	**113**	62-140	
91-20-3	Naphthalene	212	**257**	**121**	57-149	
87-68-3	Hexachlorobutadiene	214	**218**	**102**	57-129	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-49** ALS Project ID: P2003054
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003054-001DUP

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/3/20
Analyst: Lusine Hakobyan Date Analyzed: 6/12/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00878

Initial Pressure (psig): -1.79 Final Pressure (psig): 6.35
Initial Pressure 2 (psig): 6.11 Final Pressure 2 (psig): 11.44
Canister Dilution Factor: 2.05

Compound	Sample Result µg/m³	Sample Result ppbV	Duplicate Sample Result µg/m³	Duplicate Sample Result ppbV	Average µg/m³	% RPD	RPD Limit	Data Qualifier
Propene	0.861	0.500	1.08	0.629	0.9705	**23**	25	**J**
Dichlorodifluoromethane (CFC 12)	2.94	0.594	2.78	0.563	2.86	**6**	25	
Chloromethane	<0.44	<0.21	<0.44	<0.21	-	-	25	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	0.661	0.0946	0.625	0.0895	0.643	**6**	25	**J**
Vinyl Chloride	<0.29	<0.11	<0.29	<0.11	-	-	25	
1,3-Butadiene	<0.45	<0.20	<0.45	<0.20	-	-	25	
Bromomethane	<0.38	<0.098	<0.38	<0.098	-	-	25	
Chloroethane	<0.34	<0.13	<0.34	<0.13	-	-	25	
Ethanol	11.9	6.31	11.1	5.92	11.5	**7**	25	**J**
Acetonitrile	0.805	0.479	0.759	0.452	0.782	**6**	25	**J**
Acrolein	1.05	0.458	0.994	0.434	1.022	**5**	25	**J**
Acetone	12.9	5.41	12.3	5.19	12.6	**5**	25	**J**
Trichlorofluoromethane	187	33.2	182	32.5	184.5	**3**	25	
2-Propanol (Isopropyl Alcohol)	1.32	0.536	1.21	0.492	1.265	**9**	25	**J**
Acrylonitrile	<0.56	<0.26	<0.56	<0.26	-	-	25	
1,1-Dichloroethene	<0.38	<0.096	<0.38	<0.096	-	-	25	
Methylene Chloride	<0.77	<0.22	<0.77	<0.22	-	-	25	**J**
3-Chloro-1-propene (Allyl Chloride)	<0.37	<0.12	<0.37	<0.12	-	-	25	
Trichlorotrifluoroethane	0.636	0.0830	0.620	0.0809	0.628	**3**	25	**J**
Carbon Disulfide	<0.82	<0.26	<0.82	<0.26	-	-	25	**J**
trans-1,2-Dichloroethene	<0.38	<0.096	<0.38	<0.096	-	-	25	
1,1-Dichloroethane	<0.40	<0.099	<0.40	<0.099	-	-	25	
Methyl tert-Butyl Ether	0.605	0.168	0.538	0.149	0.5715	**12**	25	**J**
Vinyl Acetate	<6.2	<1.7	<6.2	<1.7	-	-	25	**J**
2-Butanone (MEK)	2.94	0.998	2.80	0.951	2.87	**5**	25	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-49** ALS Project ID: P2003054
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003054-001DUP

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/3/20
Analyst: Lusine Hakobyan Date Analyzed: 6/12/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00878

Initial Pressure (psig): -1.79 Final Pressure (psig): 6.35
Initial Pressure 2 (psig): 6.11 Final Pressure 2 (psig): 11.44
Canister Dilution Factor: 2.05

Compound	Sample Result µg/m³	Sample Result ppbV	Duplicate Sample Result µg/m³	Duplicate Sample Result ppbV	Average µg/m³	% RPD	RPD Limit	Data Qualifier
cis-1,2-Dichloroethene	<0.38	<0.097	<0.38	<0.097	-	-	25	
Ethyl Acetate	18.1	5.03	17.7	4.90	17.9	**2**	25	
n-Hexane	0.882	0.250	0.830	0.236	0.856	**6**	25	**J**
Chloroform	6.07	1.24	5.97	1.22	6.02	**2**	25	
Tetrahydrofuran (THF)	0.882	0.299	0.902	0.306	0.892	**2**	25	**J**
1,2-Dichloroethane	<0.30	<0.075	<0.30	<0.075	-	-	25	
1,1,1-Trichloroethane	<0.34	<0.062	<0.34	<0.062	-	-	25	**J**
Benzene	<0.39	<0.12	<0.39	<0.12	-	-	25	**J**
Carbon Tetrachloride	<0.38	<0.060	<0.38	<0.060	-	-	25	
Cyclohexane	<0.77	<0.22	<0.77	<0.22	-	-	25	**J**
1,2-Dichloropropane	<0.34	<0.073	<0.34	<0.073	-	-	25	
Bromodichloromethane	<0.39	<0.059	<0.39	<0.059	-	-	25	
Trichloroethene	0.425	0.0792	0.410	0.0763	0.4175	**4**	25	**J**
1,4-Dioxane	<0.32	<0.090	<0.32	<0.090	-	-	25	
Methyl Methacrylate	1.54	0.377	1.59	0.389	1.565	**3**	25	**J**
n-Heptane	1.73	0.423	1.89	0.460	1.81	**9**	25	**J**
cis-1,3-Dichloropropene	<0.43	<0.094	<0.43	<0.094	-	-	25	
4-Methyl-2-pentanone	<0.37	<0.091	0.441	0.108	-	-	25	**J**
trans-1,3-Dichloropropene	<0.56	<0.12	<0.56	<0.12	-	-	25	
1,1,2-Trichloroethane	<0.28	<0.051	<0.28	<0.051	-	-	25	
Toluene	39.6	10.5	39.1	10.4	39.35	**1**	25	
2-Hexanone	<0.34	<0.083	<0.34	<0.083	-	-	25	
Dibromochloromethane	<0.36	<0.042	<0.36	<0.042	-	-	25	
1,2-Dibromoethane	<0.32	<0.041	<0.32	<0.041	-	-	25	
n-Butyl Acetate	1.36	0.287	1.32	0.278	1.34	**3**	25	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-49** ALS Project ID: P2003054
Client Project ID: **Tel Hashomer / KTE-50-20-Simi** ALS Sample ID: P2003054-001DUP

Test Code: EPA TO-15 Date Collected: 6/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/3/20
Analyst: Lusine Hakobyan Date Analyzed: 6/12/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00878

Initial Pressure (psig): -1.79 Final Pressure (psig): 6.35
Initial Pressure 2 (psig): 6.11 Final Pressure 2 (psig): 11.44
Canister Dilution Factor: 2.05

Compound	Sample Result µg/m³	Sample Result ppbV	Duplicate Sample Result µg/m³	Duplicate Sample Result ppbV	Average µg/m³	% RPD	RPD Limit	Data Qualifier
n-Octane	2.29	0.491	2.54	0.544	2.415	**10**	25	**J**
Tetrachloroethene	2.10	0.310	2.15	0.317	2.125	**2**	25	**J**
Chlorobenzene	<0.36	<0.079	<0.36	<0.079	-	-	25	
Ethylbenzene	10.1	2.31	10.0	2.31	10.05	**1**	25	
m,p-Xylenes	32.4	7.47	32.3	7.44	32.35	**0.3**	25	
Bromoform	<0.56	<0.055	<0.56	<0.055	-	-	25	
Styrene	2.28	0.535	2.41	0.567	2.345	**6**	25	**J**
o-Xylene	12.8	2.94	13.0	2.99	12.9	**2**	25	
n-Nonane	4.56	0.870	4.81	0.918	4.685	**5**	25	
1,1,2,2-Tetrachloroethane	<0.38	<0.055	<0.38	<0.055	-	-	25	
Cumene	<0.39	<0.080	0.441	0.0897	-	-	25	**J**
alpha-Pinene	<0.42	<0.075	0.461	0.0828	-	-	25	**J**
n-Propylbenzene	0.410	0.0834	0.559	0.114	0.4845	**31**	25	**J, R1**
4-Ethyltoluene	0.646	0.131	0.738	0.150	0.692	**13**	25	**J**
1,3,5-Trimethylbenzene	0.584	0.119	0.697	0.142	0.6405	**18**	25	**J**
1,2,4-Trimethylbenzene	2.55	0.519	2.46	0.501	2.505	**4**	25	**J**
Benzyl Chloride	<0.62	<0.12	<0.62	<0.12	-	-	25	
1,3-Dichlorobenzene	<0.41	<0.068	<0.41	<0.068	-	-	25	
1,4-Dichlorobenzene	<0.42	<0.070	<0.42	<0.070	-	-	25	
1,2-Dichlorobenzene	<0.40	<0.067	<0.40	<0.067	-	-	25	
d-Limonene	2.33	0.418	2.85	0.513	2.59	**20**	25	
1,2-Dibromo-3-chloropropane	<0.51	<0.053	<0.51	<0.053	-	-	25	
1,2,4-Trichlorobenzene	<0.67	<0.090	<0.67	<0.090	-	-	25	
Naphthalene	0.748	0.143	0.764	0.146	0.756	**2**	25	**J**
Hexachlorobutadiene	<0.56	<0.053	<0.56	<0.053	-	-	25	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
R1 = Duplicate precision not within the specified limits; however, the results are below the MRL and considered estimated.

Response Factor Report GCMS-16

Method Path : I:\MS16\METHODS\
Method File : R16050120.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
Last Update : Fri May 01 18:22:00 2020
Response Via : Initial Calibration

LH 5/1/20

Calibration Files
0.1 =05012018.D 0.2 =05012019.D 0.5 =05012020.D 1.0 =05012021.D 5.0 =05012022.D 25 =05012
100 =03112009.D

		Compound	0.1	0.2	0.5	1.0	5.0	25	50	100	Avg	%RSD
1)	IR	Bromochloromethane...	----------ISTD----------									
2)	T	Propene	1.611	1.539	1.503	1.380	1.499	1.474	1.430	1.147	1.448	9.66
3)	T	Dichlorodifluo...	3.202	3.003	3.068	2.842	3.010	2.737	2.537	2.254	2.832	11.03
4)	T	Chloromethane	2.604	2.435	2.388	2.238	2.356	2.193	2.172	1.361	2.218	16.88
5)	T	1,2-Dichloro-1...	1.897	1.683	1.822	1.625	1.745	1.600	1.555	1.607	1.692	7.08
6)	T	Vinyl Chloride	2.717	2.540	2.556	2.389	2.585	2.348	2.256	2.069	2.433	8.56
7)	T	1,3-Butadiene	2.247	2.061	2.143	1.977	2.145	1.964	1.905	1.660	2.013	9.02
8)	T	Bromomethane	1.419	1.343	1.315	1.211	1.293	1.245	1.264	1.190	1.285	5.79
9)	T	Chloroethane	1.050	0.952	0.985	0.919	0.990	0.943	0.960	0.887	0.961	5.13
10)	T	Ethanol	1.410	1.184	1.009	0.940	1.092	1.112	1.151	1.046	1.118	12.66
11)	T	Acetonitrile	3.482	2.840	2.383	2.251	2.529	2.471	2.438	2.042	2.555	17.16
12)	T	Acrolein	1.059	0.868	0.880	0.829	0.918	0.879	0.863	0.770	0.883	9.44
13)	T	Acetone	1.252	1.110	1.062	0.988	1.109	1.131	1.179	1.113	1.118	6.92
14)	T	Trichlorofluor...	2.713	2.523	2.575	2.359	2.565	2.454	2.411	2.421	2.503	4.58
15)	T	2-Propanol (Is...	3.870	3.534	3.450	3.257	3.738	3.508	3.156	2.557	3.384	12.00
16)	T	Acrylonitrile	2.202	1.897	1.701	1.617	1.893	1.829	1.828	1.654	1.828	10.12
17)	T	1,1-Dichloroet...	1.408	1.288	1.314	1.236	1.342	1.312	1.299	1.297	1.312	3.73
18)	T	2-Methyl-2-Pro...	3.534	3.198	3.325	3.089	3.578	3.200	2.158		3.155	15.06
19)	T	Methylene Chlo...	1.693	1.502	1.403	1.354	1.469	1.431	1.419	1.356	1.453	7.53
20)	T	3-Chloro-1-pro...	2.223	1.929	1.964	1.905	2.142	2.028	2.036	1.746	1.997	7.37
21)	T	Trichlorotrifl...	1.264	1.065	1.154	1.097	1.218	1.201	1.208	1.246	1.182	5.97
22)	T	Carbon Disulfide	6.112	5.388	5.148	4.831	5.368	5.134	5.024	4.656	5.208	8.48
23)	T	trans-1,2-Dich...	2.284	2.004	1.981	1.860	2.050	1.980	1.964	1.858	1.998	6.70
24)	T	1,1-Dichloroet...	2.569	2.334	2.469	2.238	2.450	2.380	2.330	2.202	2.371	5.15
25)	T	Methyl tert-Bu...	4.195	3.994	4.129	3.762	3.968	3.534	3.241	3.018	3.730	11.49
26)	T	Vinyl Acetate			0.280	0.275	0.355	0.375	0.393	0.412	0.348	16.73
27)	T	2-Butanone (MEK)	1.010	0.938	0.937	0.883	1.007	0.953	0.956	0.944	0.953	4.27
28)	T	cis-1,2-Dichlo...	2.186	1.950	1.950	1.831	2.014	1.928	1.927	1.846	1.954	5.66
29)	T	Diisopropyl Ether	1.400	1.264	1.362	1.283	1.461	1.320	1.346	1.353	1.349	4.68
30)	T	Ethyl Acetate	0.528	0.515	0.507	0.480	0.567	0.596	0.638	0.567	0.550	9.48
31)	T	n-Hexane	2.506	2.242	2.328	2.176	2.400	2.485	2.588	2.351	2.385	5.82
32)	T	Chloroform	2.635	2.393	2.541	2.359	2.618	2.470	2.464	2.425	2.488	4.07
33)	S	1,2-Dichloroet...	1.759	1.788	1.757	1.756	1.704	1.635	1.616	1.538	1.694	5.22
34)	T	Tetrahydrofura...	1.068	0.962	0.909	0.857	0.954	0.901	0.903	0.885	0.930	7.02
35)	T	Ethyl tert-But...	1.603	1.564	1.583	1.487	1.688	1.661	1.680	1.772	1.630	5.43
36)	T	1,2-Dichloroet...	2.204	2.065	2.007	1.843	2.020	1.911	1.892	1.830	1.971	6.45
37)	IR	1,4-Difluorobenzen...	----------ISTD----------									
38)	T	1,1,1-Trichlor...	0.520	0.477	0.504	0.469	0.521	0.513	0.513	0.511	0.503	3.91
39)	T	Isopropyl Acetate	0.217	0.187	0.204	0.189	0.226	0.238	0.254	0.247	0.220	11.50
40)	T	1-Butanol	0.335	0.286	0.247	0.231	0.307	0.333	0.362	0.405	0.313	18.51
41)	T	Benzene	1.454	1.263	1.288	1.194	1.366	1.343	1.417	1.400	1.340	6.50
42)	T	Carbon Tetrach...	0.446	0.414	0.449	0.410	0.482	0.473	0.477	0.496	0.456	6.99
43)	T	Cyclohexane	0.491	0.450	0.481	0.443	0.512	0.523	0.544	0.553	0.500	8.14
44)	T	tert-Amyl Meth...	0.895	0.829	0.881	0.824	0.950	0.934	0.955	0.923	0.899	5.70
45)	T	1,2-Dichloropr...	0.322	0.296	0.311	0.288	0.327	0.317	0.320	0.303	0.310	4.42
46)	T	Bromodichlorom...	0.443	0.421	0.437	0.406	0.477	0.479	0.482	0.480	0.453	6.69
47)	T	Trichloroethene	0.348	0.318	0.331	0.303	0.355	0.355	0.366	0.396	0.346	8.37
48)	T	1,4-Dioxane	0.278	0.250	0.253	0.238	0.274	0.278	0.286	0.303	0.270	7.97
49)	T	2,2,4-Trimethy...	1.365	1.266	1.317	1.213	1.370	1.328	1.346	1.231	1.304	4.63
50)	T	Methyl Methacr...	0.126	0.113	0.118	0.116	0.138	0.143	0.149	0.161	0.133	13.21
51)	T	n-Heptane	0.325	0.297	0.306	0.286	0.318	0.310	0.324	0.342	0.313	5.60
52)	T	cis-1,3-Dichlo...	0.535	0.486	0.494	0.468	0.562	0.566	0.581	0.572	0.533	8.30
53)	T	4-Methyl-2-pen...	0.303	0.265	0.287	0.272	0.314	0.311	0.319	0.318	0.299	7.10
54)	T	trans-1,3-Dich...	0.418	0.389	0.410	0.399	0.496	0.508	0.521	0.506	0.456	12.35

55)	T	1,1,2-Trichlor...	0.300	0.292	0.301	0.279	0.324	0.321	0.324	0.323	0.308	5.60
56)	IR	Chlorobenzene-d5 (...	----------ISTD----------									
57)	S	Toluene-d8 (SS2)	2.112	2.125	2.110	2.107	2.097	2.123	2.090	2.186	2.119	1.40
58)	T	Toluene	3.003	2.567	2.666	2.473	2.815	2.802	2.780	2.744	2.731	5.97
59)	T	2-Hexanone	1.547	1.361	1.410	1.339	1.614	1.583	1.602	1.515	1.497	7.42
60)	T	Dibromochlorom...	0.735	0.677	0.704	0.667	0.834	0.868	0.864	0.909	0.782	12.37
61)	T	1,2-Dibromoethane	0.757	0.686	0.705	0.663	0.792	0.804	0.797	0.809	0.752	7.82
62)	T	n-Butyl Acetate	1.611	1.401	1.545	1.456	1.756	1.742	1.751	1.671	1.616	8.55
63)	T	n-Octane	0.572	0.504	0.542	0.504	0.578	0.591	0.613	0.620	0.565	7.95
64)	T	Tetrachloroethene	0.764	0.679	0.700	0.653	0.778	0.829	0.838	0.931	0.771	12.10
65)	T	Chlorobenzene	1.873	1.701	1.737	1.609	1.870	1.882	2.340	2.020	1.879	12.02
66)	T	Ethylbenzene	3.030	2.763	2.965	2.768	3.264	3.313	3.301	2.958	3.045	7.41
67)	T	m- & p-Xylenes	2.416	2.101	2.285	2.203	2.562	2.656	2.741	2.363	2.416	9.24
68)	T	Bromoform			0.523	0.502	0.708	0.751	0.755	0.828	0.678	19.74
69)	T	Styrene	1.554	1.405	1.689	1.594	2.029	2.068	2.060	2.138	1.817	15.77
70)	T	o-Xylene	2.442	2.173	2.312	2.170	2.597	2.662	2.680	2.586	2.453	8.61
71)	T	n-Nonane	1.287	1.140	1.243	1.181	1.387	1.412	1.455	1.306	1.301	8.60
72)	T	1,1,2,2-Tetrac...	1.206	1.074	1.114	1.057	1.298	1.323	1.337	1.325	1.217	9.86
73)	S	Bromofluoroben...	0.715	0.714	0.725	0.724	0.787	0.802	0.783	0.849	0.762	6.56
74)	T	Cumene	3.035	2.729	2.906	2.711	3.284	3.320	3.265	2.830	3.010	8.41
75)	T	alpha-Pinene	1.511	1.362	1.446	1.393	1.701	1.785	1.795	1.856	1.606	12.43
76)	T	n-Propylbenzene	3.631	3.223	3.513	3.346	3.994	4.033	3.904	2.964	3.576	10.84
77)	T	3-Ethyltoluene	2.929	2.407	2.714	2.579	3.163	3.387	3.232	2.897	2.913	11.58
78)	T	4-Ethyltoluene	2.513	2.455	2.758	2.630	3.275	3.167	3.181	2.637	2.827	11.64
79)	T	1,3,5-Trimethy...	2.364	2.022	2.272	2.212	2.706	2.770	2.730	2.561	2.455	11.29
80)	T	alpha-Methylst...			1.138	1.116	1.443	1.485	1.469	1.649	1.384	15.29
81)	T	2-Ethyltoluene	2.821	2.480	2.756	2.582	3.185	3.223	3.148	2.796	2.874	9.82
82)	T	1,2,4-Trimethy...	2.215	1.944	2.255	2.185	2.813	3.050	2.878	2.397	2.467	16.03
83)	T	n-Decane			1.125	1.102	1.410	1.517	1.611	1.515	1.380	15.65
84)	T	Benzyl Chloride				1.519	2.279	2.600	2.687	2.413	2.300	20.21
85)	T	1,3-Dichlorobe...	1.252	1.034	1.264	1.221	1.626	1.660	1.639	1.766	1.433	18.79
86)	T	1,4-Dichlorobe...	1.206	1.004	1.283	1.196	1.601	1.620	1.581	1.693	1.398	18.29
87)	T	sec-Butylbenzene	3.179	2.829	3.093	2.947	3.632	3.636	3.486	2.818	3.203	10.67
88)	T	4-Isopropyltol...			2.761	2.656	3.414	3.547	3.227	2.590	3.033	13.68
89)	T	1,2,3-Trimethy...			2.234	2.175	2.830	3.061	2.870	2.323	2.582	14.77
90)	T	1,2-Dichlorobe...	1.199	1.054	1.223	1.173	1.569	1.646	1.594	1.513	1.372	16.90
91)	T	d-Limonene	0.811	0.750	0.867	0.867	1.070	1.169	1.205	1.057	0.974	17.65
92)	T	1,2-Dibromo-3-...			0.388	0.391	0.568	0.581	0.581	0.595	0.517	19.22
93)	T	n-Undecane			0.906	0.866	1.357	1.474	1.565	1.496	1.277	24.32
94)	T	1,2,4-Trichlor...			0.655	0.635	1.013	1.144	1.183	1.078	0.951	25.70
95)	T	Naphthalene			2.173	2.044	3.472	3.864	3.717	2.796	3.011	26.24
96)	T	n-Dodecane			0.500	0.482	1.251	1.474	1.554	1.375	1.106	44.05
97)	T	Hexachlorobuta...			0.463	0.446	0.622	0.725	0.766	0.927	0.658	28.24
98)	T	Cyclohexanone	1.048	0.943	0.832	0.804	0.983	0.979	0.980	1.079	0.956	10.00
99)	T	tert-Butylbenzene	2.363	2.071	2.240	2.164	2.722	2.855	2.658	2.351	2.428	11.70
100)	T	n-Butylbenzene	2.187	1.921	2.417	2.334	2.916	2.966	2.883	2.471	2.512	15.09

(#) = Out of Range

R16050120.M Fri May 01 18:44:38 2020

Evaluate Continuing Calibration Report

Data File : I:\MS16\DATA\2020 06\11\06112030.D Vial: 2
Acq On : 11 Jun 2020 20:43 Operator: LH
Sample : CCV2 R16061120 25ng Inst : GCMS-16
Misc : S31-02112001/S34-05202002 (6/18)

Quant Time: Jun 11 21:09:59 2020
Quant Method : I:\MS16\METHODS\R16050120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS) LH 6/12/20
QLast Update : Fri May 01 18:22:00 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	93	0.00
2	T	Propene	1.448	1.343	7.3	85	0.00
3	T	Dichlorodifluoromethane (CF	2.832	2.500	11.7	85	0.00
4	T	Chloromethane	2.218	1.969	11.2	84	0.00
5	T	1,2-Dichloro-1,1,2,2-tetraf	1.692	1.422	16.0	83	0.00
6	T	Vinyl Chloride	2.433	2.083	14.4	83	0.00
7	T	1,3-Butadiene	2.013	1.698	15.6	80	0.00
8	T	Bromomethane	1.285	1.161	9.6	87	0.00
9	T	Chloroethane	0.961	0.865	10.0	85	0.00
10	T	Ethanol	1.118	0.961	14.0	80	-0.02
11	T	Acetonitrile	2.555	2.119	17.1	80	-0.01
12	T	Acrolein	0.883	0.758	14.2	80	0.00
13	T	Acetone	1.118	0.974	12.9	80	-0.01
14	T	Trichlorofluoromethane	2.503	2.184	12.7	83	0.00
15	T	2-Propanol (Isopropanol)	3.384	3.022	10.7	80	-0.01
16	T	Acrylonitrile	1.828	1.577	13.7	80	0.00
17	T	1,1-Dichloroethene	1.312	1.162	11.4	82	0.00
18	T	2-Methyl-2-Propanol (tert-B	3.155	2.760	12.5	80	-0.01
19	T	Methylene Chloride	1.453	1.239	14.7	81	0.00
20	T	3-Chloro-1-propene (Allyl C	1.997	1.691	15.3	78	0.00
21	T	Trichlorotrifluoroethane	1.182	1.095	7.4	85	0.00
22	T	Carbon Disulfide	5.208	4.485	13.9	81	0.00
23	T	trans-1,2-Dichloroethene	1.998	1.697	15.1	80	0.00
24	T	1,1-Dichloroethane	2.371	2.056	13.3	80	0.00
25	T	Methyl tert-Butyl Ether	3.730	3.344	10.3	88	0.00
26	T	Vinyl Acetate	0.348	0.332	4.6	82	0.00
27	T	2-Butanone (MEK)	0.953	0.837	12.2	82	0.00
28	T	cis-1,2-Dichloroethene	1.954	1.669	14.6	81	0.00
29	T	Diisopropyl Ether	1.349	1.131	16.2	80	0.00
30	T	Ethyl Acetate	0.550	0.518	5.8	81	0.00
31	T	n-Hexane	2.385	2.147	10.0	80	0.00
32	T	Chloroform	2.488	2.175	12.6	82	0.00
33	S	1,2-Dichloroethane-d4(SS1)	1.694	1.568	7.4	89	0.00
34	T	Tetrahydrofuran (THF)	0.930	0.788	15.3	81	0.00
35	T	Ethyl tert-Butyl Ether	1.630	1.444	11.4	81	0.00
36	T	1,2-Dichloroethane	1.971	1.653	16.1	81	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	93	0.00
38	T	1,1,1-Trichloroethane	0.503	0.445	11.5	81	0.00
39	T	Isopropyl Acetate	0.220	0.207	5.9	81	0.00
40	T	1-Butanol	0.313	0.326	-4.2	91	-0.01
41	T	Benzene	1.340	1.174	12.4	81	0.00
42	T	Carbon Tetrachloride	0.456	0.415	9.0	82	0.00
43	T	Cyclohexane	0.500	0.451	9.8	80	0.00
44	T	tert-Amyl Methyl Ether	0.899	0.815	9.3	81	0.00
45	T	1,2-Dichloropropane	0.310	0.279	10.0	82	0.00
46	T	Bromodichloromethane	0.453	0.413	8.8	80	0.00
47	T	Trichloroethene	0.346	0.320	7.5	84	0.00
48	T	1,4-Dioxane	0.270	0.242	10.4	81	0.00
49	T	2,2,4-Trimethylpentane (Iso	1.304	1.157	11.3	81	0.00
50	T	Methyl Methacrylate	0.133	0.123	7.5	80	0.00
51	T	n-Heptane	0.313	0.272	13.1	81	0.00
52	T	cis-1,3-Dichloropropene	0.533	0.489	8.3	80	0.00
53	T	4-Methyl-2-pentanone	0.299	0.274	8.4	82	0.00
54	T	trans-1,3-Dichloropropene	0.456	0.435	4.6	80	0.00
55	T	1,1,2-Trichloroethane	0.308	0.280	9.1	81	0.00

Evaluate Continuing Calibration Report

Data File : I:\MS16\DATA\2020 06\11\06112030.D Vial: 2
Acq On : 11 Jun 2020 20:43 Operator: LH
Sample : CCV2 R16061120 25ng Inst : GCMS-16
Misc : S31-02112001/S34-05202002 (6/18)

Quant Time: Jun 11 21:09:59 2020
Quant Method : I:\MS16\METHODS\R16050120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri May 01 18:22:00 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
56	IR	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	89	0.00
57	S	Toluene-d8 (SS2)	2.119	2.086	1.6	88	0.00
58	T	Toluene	2.731	2.532	7.3	81	0.00
59	T	2-Hexanone	1.497	1.489	0.5	84	0.00
60	T	Dibromochloromethane	0.782	0.790	-1.0	81	0.00
61	T	1,2-Dibromoethane	0.752	0.738	1.9	82	0.00
62	T	n-Butyl Acetate	1.616	1.647	-1.9	84	0.00
63	T	n-Octane	0.565	0.523	7.4	79	0.00
64	T	Tetrachloroethene	0.771	0.766	0.6	83	0.00
65	T	Chlorobenzene	1.879	1.736	7.6	82	0.00
66	T	Ethylbenzene	3.045	2.992	1.7	81	0.00
67	T	m- & p-Xylenes	2.416	2.444	-1.2	82	-0.01
68	T	Bromoform	0.678	0.687	-1.3	82	0.00
69	T	Styrene	1.817	1.852	-1.9	80	0.00
70	T	o-Xylene	2.453	2.386	2.7	80	-0.01
71	T	n-Nonane	1.301	1.263	2.9	80	0.00
72	T	1,1,2,2-Tetrachloroethane	1.217	1.203	1.2	81	-0.01
73	S	Bromofluorobenzene (SS3)	0.762	0.827	-8.5	92	0.00
74	T	Cumene	3.010	2.984	0.9	80	0.00
75	T	alpha-Pinene	1.606	1.575	1.9	79	0.00
76	T	n-Propylbenzene	3.576	3.625	-1.4	80	0.00
77	T	3-Ethyltoluene	2.913	2.991	-2.7	79	0.00
78	T	4-Ethyltoluene	2.827	2.909	-2.9	82	0.00
79	T	1,3,5-Trimethylbenzene	2.455	2.498	-1.8	81	0.00
80	T	alpha-Methylstyrene	1.384	1.286	7.1	77	0.00
81	T	2-Ethyltoluene	2.874	2.926	-1.8	81	0.00
82	T	1,2,4-Trimethylbenzene	2.467	2.756	-11.7	81	0.00
83	T	n-Decane	1.380	1.365	1.1	80	0.00
84	T	Benzyl Chloride	2.300	2.299	0.0	79	0.00
85	T	1,3-Dichlorobenzene	1.433	1.514	-5.7	82	0.00
86	T	1,4-Dichlorobenzene	1.398	1.481	-5.9	82	0.00
87	T	sec-Butylbenzene	3.203	3.324	-3.8	82	0.00
88	T	4-Isopropyltoluene (p-Cymen	3.033	3.287	-8.4	83	0.00
89	T	1,2,3-Trimethylbenzene	2.582	2.796	-8.3	82	0.00
90	T	1,2-Dichlorobenzene	1.372	1.503	-9.5	82	0.00
91	T	d-Limonene	0.974	0.982	-0.8	75	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.517	0.561	-8.5	86	0.00
93	T	n-Undecane	1.277	1.366	-7.0	83	0.00
94	T	1,2,4-Trichlorobenzene	0.951	1.105	-16.2	86	0.00
95	T	Naphthalene	3.011	3.662	-21.6	85	-0.01
96	T	n-Dodecane	1.106	1.461	-32.1#	89	0.00
97	T	Hexachlorobutadiene	0.658	0.713	-8.4	88	0.00
98	T	Cyclohexanone	0.956	0.960	-0.4	88	-0.01
99	T	tert-Butylbenzene	2.428	2.636	-8.6	83	0.00
100	T	n-Butylbenzene	2.512	2.741	-9.1	83	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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LABORATORY REPORT

June 19, 2020

Eyal Shvartz
Dr. Katz Technologies & Enterprises (KTE)
HaMeginim Ave. 53
Haifa, ISR-HA 33265

RE: Tel Hashomer / KTE-51-20-Simi

Dear Eyal:

Enclosed are the results of the samples submitted to our laboratory on June 5, 2020. For your reference, these analyses have been assigned our service request number P2003112.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Sue Anderson at 3:30 pm, Jun 19, 2020

Sue Anderson
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request No: P2003112
Project: Tel Hashomer / KTE-51-20-Simi

CASE NARRATIVE

The samples were received intact under chain of custody on June 5, 2020 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

A sample duplicate was not performed because there was insufficient volume to run on any of the samples in this delivery group. In lieu of a sample duplicate, the laboratory control sample and duplicate laboratory control sample have been reported.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.1 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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www.alsglobal.com

ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-007
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request: P2003112

Project ID: Tel Hashomer / KTE-51-20-Simi

Date Received: 6/5/2020

Time Received: 09:15

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pfl (psig)	TO-15 - VOC Cans
SG 32	P2003112-001	Air	6/2/2020	10:42	1SC00727	-2.85	6.55	X
SG 135	P2003112-002	Air	6/2/2020	11:12	1SC00895	-1.99	5.58	X
SG 64	P2003112-003	Air	6/2/2020	11:33	1SC00886	-2.03	6.98	X
SG 77	P2003112-004	Air	6/2/2020	12:08	1SS00072	-1.61	5.61	X
SG-89	P2003112-005	Air	6/2/2020	12:55	1SS01052	-2.52	5.61	X
SG-33	P2003112-006	Air	6/2/2020	13:09	1SS00976	-2.41	5.99	X
SG-90	P2003112-007	Air	6/2/2020	13:26	1SC00847	-3.08	7.98	X
SG-81	P2003112-008	Air	6/2/2020	13:50	1SC00005	-1.95	6.96	X

Air - Chain of Custody Record & Analytical Service Request

Page ____ of ____

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Simi Valley, California 93065
Phone (805) 526-7161

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No. R1003112

Company Name & Address (Reporting Information)	Project Name
	Project Number
Project Manager	P.O. # / Billing Information
Phone / Fax	
Email Address for Result Reporting	Sampler (Print & Sign)

ALS Contact:

Analysis Method

Comments e.g. Actual Preservative or specific instructions

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Tests

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ✓

Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) 10% Surcharge ____

EDD required Yes / No

Type: _____ Units: _____

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date: 04/5/10	Time: 915
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Cooler / Blank Temperature ____ °C

ALS Environmental

Sample Acceptance Check Form

Client: Dr. Katz Technologies & Enterprises (KTE) Work order: P2003112

Project: Tel Hashomer / KTE-51-20-Simi

Sample(s) received on: 6/5/20 Date opened: 6/5/20 by: DENISE.POSADA

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2003112-001.01	1.0 L Source Can					
P2003112-002.01	1.0 L Source Can					
P2003112-003.01	1.0 L Source Can					
P2003112-004.01	1.0 L Source Silonite Canister					
P2003112-005.01	1.0 L Source Silonite Canister					
P2003112-006.01	1.0 L Source Silonite Canister					
P2003112-007.01	1.0 L Source Can					
P2003112-008.01	1.0 L Source Can					

Explain any discrepancies: (include lab sample ID numbers): _____

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 32** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-001

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00727

Initial Pressure (psig): -2.85 Final Pressure (psig): 6.55

Canister Dilution Factor: 1.79

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**7.4**	2.4	0.58	**4.3**	1.4	0.34	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.2**	2.4	0.39	**0.44**	0.48	0.079	**J**
74-87-3	Chloromethane	**1.7**	2.4	0.38	**0.82**	1.1	0.19	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.38	2.4	0.38	<0.054	0.34	0.054	
75-01-4	Vinyl Chloride	<0.26	2.4	0.26	<0.10	0.95	0.10	
106-99-0	1,3-Butadiene	<0.39	2.4	0.39	<0.18	1.1	0.18	
74-83-9	Bromomethane	**0.88**	2.4	0.33	**0.23**	0.62	0.085	**J**
75-00-3	Chloroethane	<0.30	2.4	0.30	<0.11	0.92	0.11	
64-17-5	Ethanol	**9,000**	230	17	**4,800**	120	8.8	**D**
75-05-8	Acetonitrile	<0.58	2.4	0.58	<0.35	1.4	0.35	
107-02-8	Acrolein	**18**	4.5	0.67	**7.7**	2.0	0.29	
67-64-1	Acetone	**250**	24	5.4	**110**	10	2.3	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.3**	2.4	0.36	**0.23**	0.42	0.065	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**12**	9.4	0.98	**5.0**	3.8	0.40	
107-13-1	Acrylonitrile	<0.49	2.4	0.49	<0.23	1.1	0.23	
75-35-4	1,1-Dichloroethene	<0.33	2.4	0.33	<0.084	0.61	0.084	
75-09-2	Methylene Chloride	<0.67	2.4	0.67	<0.19	0.68	0.19	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.32	2.4	0.32	<0.10	0.77	0.10	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.49**	2.4	0.34	**0.064**	0.32	0.044	**J**
75-15-0	Carbon Disulfide	**40**	4.9	0.72	**13**	1.6	0.23	
156-60-5	trans-1,2-Dichloroethene	<0.33	2.4	0.33	<0.084	0.61	0.084	
75-34-3	1,1-Dichloroethane	<0.35	2.5	0.35	<0.086	0.61	0.086	
1634-04-4	Methyl tert-Butyl Ether	<0.28	2.4	0.28	<0.078	0.67	0.078	
108-05-4	Vinyl Acetate	**38**	24	5.4	**11**	6.9	1.5	
78-93-3	2-Butanone (MEK)	**41**	4.9	0.49	**14**	1.7	0.17	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
D = The reported result is from a dilution.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **SG 32** ALS Project ID: P2003112

Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-001

Test Code:	EPA TO-15	Date Collected:	6/2/20
Instrument ID:	Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9	Date Received:	6/5/20
Analyst:	Simon Cao	Date Analyzed:	6/16/20
Sample Type:	1.0 L Summa Canister	Volume(s) Analyzed:	0.40 Liter(s)
Test Notes:			0.040 Liter(s)
Container ID:	1SC00727		

Initial Pressure (psig): -2.85 Final Pressure (psig): 6.55

Canister Dilution Factor: 1.79

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.34	2.4	0.34	<0.085	0.60	0.085	
141-78-6	Ethyl Acetate	**170**	4.9	1.3	**47**	1.4	0.35	
110-54-3	n-Hexane	**1.3**	2.4	0.49	**0.36**	0.69	0.14	**J**
67-66-3	Chloroform	**0.65**	2.4	0.32	**0.13**	0.50	0.065	**J**
109-99-9	Tetrahydrofuran (THF)	**3.5**	2.5	0.30	**1.2**	0.83	0.10	
107-06-2	1,2-Dichloroethane	<0.26	2.4	0.26	<0.065	0.60	0.065	
71-55-6	1,1,1-Trichloroethane	<0.30	2.4	0.30	<0.054	0.44	0.054	
71-43-2	Benzene	**3.0**	2.4	0.34	**0.95**	0.74	0.11	
56-23-5	Carbon Tetrachloride	**0.99**	2.4	0.33	**0.16**	0.38	0.053	**J**
110-82-7	Cyclohexane	**1.2**	4.9	0.67	**0.34**	1.4	0.20	**J**
78-87-5	1,2-Dichloropropane	<0.30	2.4	0.30	<0.064	0.52	0.064	
75-27-4	Bromodichloromethane	<0.34	2.4	0.34	<0.051	0.36	0.051	
79-01-6	Trichloroethene	**0.47**	2.4	0.32	**0.087**	0.45	0.060	**J**
123-91-1	1,4-Dioxane	**1.9**	2.4	0.28	**0.52**	0.67	0.078	**J**
80-62-6	Methyl Methacrylate	<0.85	4.9	0.85	<0.21	1.2	0.21	
142-82-5	n-Heptane	**1.3**	2.4	0.38	**0.31**	0.59	0.093	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.37	2.3	0.37	<0.082	0.51	0.082	
108-10-1	4-Methyl-2-pentanone	**1.6**	2.4	0.33	**0.39**	0.58	0.080	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.49	2.4	0.49	<0.11	0.52	0.11	
79-00-5	1,1,2-Trichloroethane	<0.24	2.4	0.24	<0.044	0.44	0.044	
108-88-3	Toluene	**11**	2.4	0.29	**2.9**	0.64	0.077	
591-78-6	2-Hexanone	**3.8**	2.4	0.30	**0.92**	0.59	0.072	
124-48-1	Dibromochloromethane	<0.31	2.4	0.31	<0.037	0.28	0.037	
106-93-4	1,2-Dibromoethane	<0.28	2.4	0.28	<0.036	0.31	0.036	
123-86-4	n-Butyl Acetate	**10**	2.5	0.33	**2.2**	0.52	0.069	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 32** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-001

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00727

Initial Pressure (psig): -2.85 Final Pressure (psig): 6.55

Canister Dilution Factor: 1.79

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**2.0**	2.4	0.54	**0.43**	0.52	0.11	**J**
127-18-4	Tetrachloroethene	**7.6**	2.3	0.31	**1.1**	0.34	0.046	
108-90-7	Chlorobenzene	<0.32	2.4	0.32	<0.069	0.52	0.069	
100-41-4	Ethylbenzene	**2.8**	2.4	0.34	**0.66**	0.56	0.077	
179601-23-1	m,p-Xylenes	**10**	4.9	0.63	**2.3**	1.1	0.14	
75-25-2	Bromoform	<0.49	2.4	0.49	<0.048	0.23	0.048	
100-42-5	Styrene	**0.72**	2.4	0.38	**0.17**	0.56	0.090	**J**
95-47-6	o-Xylene	**4.1**	2.4	0.34	**0.95**	0.56	0.079	
111-84-2	n-Nonane	**3.0**	2.4	0.40	**0.57**	0.46	0.076	
79-34-5	1,1,2,2-Tetrachloroethane	<0.33	2.4	0.33	<0.048	0.35	0.048	
98-82-8	Cumene	**4.4**	2.4	0.34	**0.89**	0.49	0.070	
80-56-8	alpha-Pinene	<0.37	2.4	0.37	<0.066	0.43	0.066	
103-65-1	n-Propylbenzene	**0.57**	2.4	0.34	**0.12**	0.49	0.070	**J**
622-96-8	4-Ethyltoluene	**0.88**	2.4	0.38	**0.18**	0.49	0.077	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.59**	2.4	0.34	**0.12**	0.48	0.070	**J**
95-63-6	1,2,4-Trimethylbenzene	**3.1**	2.4	0.33	**0.62**	0.49	0.067	
100-44-7	Benzyl Chloride	**0.81**	4.9	0.54	**0.16**	0.95	0.10	**J**
541-73-1	1,3-Dichlorobenzene	<0.36	2.4	0.36	<0.060	0.40	0.060	
106-46-7	1,4-Dichlorobenzene	<0.37	2.4	0.37	<0.061	0.40	0.061	
95-50-1	1,2-Dichlorobenzene	<0.35	2.4	0.35	<0.059	0.40	0.059	
5989-27-5	d-Limonene	**2.8**	2.4	0.49	**0.51**	0.43	0.088	
96-12-8	1,2-Dibromo-3-chloropropane	<0.45	2.4	0.45	<0.046	0.25	0.046	
120-82-1	1,2,4-Trichlorobenzene	<0.58	2.4	0.58	<0.078	0.33	0.078	
91-20-3	Naphthalene	**2.0**	2.3	0.58	**0.39**	0.44	0.11	**J**
87-68-3	Hexachlorobutadiene	<0.49	2.4	0.49	<0.046	0.22	0.046	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 135** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-002

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00895

Initial Pressure (psig): -1.99 Final Pressure (psig): 5.58

Canister Dilution Factor: 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**6.0**	2.1	0.52	**3.5**	1.2	0.30	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	2.1	0.35	**0.48**	0.43	0.070	
74-87-3	Chloromethane	<0.34	2.1	0.34	<0.17	1.0	0.17	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.34	2.1	0.34	<0.048	0.30	0.048	
75-01-4	Vinyl Chloride	<0.23	2.2	0.23	<0.089	0.85	0.089	
106-99-0	1,3-Butadiene	<0.35	2.1	0.35	<0.16	0.96	0.16	
74-83-9	Bromomethane	<0.30	2.2	0.30	<0.076	0.56	0.076	
75-00-3	Chloroethane	<0.26	2.2	0.26	<0.10	0.82	0.10	
64-17-5	Ethanol	**1,100**	21	1.5	**600**	11	0.79	
75-05-8	Acetonitrile	<0.52	2.1	0.52	<0.31	1.3	0.31	
107-02-8	Acrolein	**6.4**	4.0	0.60	**2.8**	1.7	0.26	
67-64-1	Acetone	**61**	21	4.8	**26**	8.9	2.0	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.4**	2.1	0.32	**0.24**	0.38	0.058	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**4.2**	8.4	0.88	**1.7**	3.4	0.36	**J**
107-13-1	Acrylonitrile	<0.44	2.1	0.44	<0.20	0.98	0.20	
75-35-4	1,1-Dichloroethene	<0.30	2.2	0.30	<0.075	0.55	0.075	
75-09-2	Methylene Chloride	**1.0**	2.1	0.60	**0.29**	0.61	0.17	**J**
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.29	2.2	0.29	<0.092	0.69	0.092	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.53**	2.2	0.30	**0.069**	0.28	0.040	**J**
75-15-0	Carbon Disulfide	**4.5**	4.4	0.64	**1.4**	1.4	0.21	
156-60-5	trans-1,2-Dichloroethene	<0.30	2.2	0.30	<0.075	0.55	0.075	
75-34-3	1,1-Dichloroethane	<0.31	2.2	0.31	<0.077	0.54	0.077	
1634-04-4	Methyl tert-Butyl Ether	<0.25	2.2	0.25	<0.070	0.60	0.070	
108-05-4	Vinyl Acetate	**16**	22	4.8	**4.5**	6.1	1.4	**J**
78-93-3	2-Butanone (MEK)	**9.9**	4.4	0.44	**3.4**	1.5	0.15	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 135** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-002

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00895

Initial Pressure (psig): -1.99 Final Pressure (psig): 5.58

Canister Dilution Factor: 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.30	2.1	0.30	<0.076	0.53	0.076	
141-78-6	Ethyl Acetate	**13**	4.4	1.1	**3.6**	1.2	0.31	
110-54-3	n-Hexane	**0.92**	2.2	0.44	**0.26**	0.61	0.12	**J**
67-66-3	Chloroform	**7.0**	2.2	0.28	**1.4**	0.44	0.058	
109-99-9	Tetrahydrofuran (THF)	**0.80**	2.2	0.27	**0.27**	0.75	0.091	**J**
107-06-2	1,2-Dichloroethane	<0.24	2.2	0.24	<0.058	0.53	0.058	
71-55-6	1,1,1-Trichloroethane	<0.26	2.2	0.26	<0.048	0.40	0.048	
71-43-2	Benzene	**0.86**	2.1	0.31	**0.27**	0.66	0.096	**J**
56-23-5	Carbon Tetrachloride	**1.1**	2.1	0.30	**0.18**	0.34	0.047	**J**
110-82-7	Cyclohexane	<0.60	4.4	0.60	<0.17	1.3	0.17	
78-87-5	1,2-Dichloropropane	<0.26	2.2	0.26	<0.057	0.47	0.057	
75-27-4	Bromodichloromethane	<0.31	2.2	0.31	<0.046	0.32	0.046	
79-01-6	Trichloroethene	**0.70**	2.2	0.29	**0.13**	0.40	0.054	**J**
123-91-1	1,4-Dioxane	<0.25	2.2	0.25	<0.070	0.60	0.070	
80-62-6	Methyl Methacrylate	**2.3**	4.4	0.76	**0.56**	1.1	0.19	**J**
142-82-5	n-Heptane	**1.2**	2.2	0.34	**0.29**	0.53	0.083	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.33	2.1	0.33	<0.073	0.46	0.073	
108-10-1	4-Methyl-2-pentanone	**1.3**	2.1	0.29	**0.33**	0.52	0.071	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.44	2.1	0.44	<0.097	0.47	0.097	
79-00-5	1,1,2-Trichloroethane	<0.22	2.2	0.22	<0.040	0.40	0.040	
108-88-3	Toluene	**49**	2.2	0.26	**13**	0.57	0.069	
591-78-6	2-Hexanone	**1.8**	2.2	0.26	**0.45**	0.53	0.064	**J**
124-48-1	Dibromochloromethane	<0.28	2.2	0.28	<0.033	0.25	0.033	
106-93-4	1,2-Dibromoethane	<0.25	2.2	0.25	<0.032	0.28	0.032	
123-86-4	n-Butyl Acetate	**1.1**	2.2	0.29	**0.24**	0.46	0.061	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 135** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-002

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00895

Initial Pressure (psig): -1.99 Final Pressure (psig): 5.58

Canister Dilution Factor: 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**1.8**	2.2	0.48	**0.39**	0.46	0.10	**J**
127-18-4	Tetrachloroethene	**11**	2.1	0.28	**1.6**	0.31	0.041	
108-90-7	Chlorobenzene	<0.28	2.2	0.28	<0.062	0.47	0.062	
100-41-4	Ethylbenzene	**2.5**	2.2	0.30	**0.57**	0.50	0.069	
179601-23-1	m,p-Xylenes	**9.7**	4.4	0.56	**2.2**	1.0	0.13	
75-25-2	Bromoform	<0.44	2.2	0.44	<0.043	0.21	0.043	
100-42-5	Styrene	**0.93**	2.1	0.34	**0.22**	0.50	0.081	**J**
95-47-6	o-Xylene	**3.4**	2.2	0.31	**0.79**	0.50	0.071	
111-84-2	n-Nonane	**1.3**	2.2	0.36	**0.26**	0.41	0.068	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.30	2.2	0.30	<0.043	0.31	0.043	
98-82-8	Cumene	<0.31	2.2	0.31	<0.063	0.44	0.063	
80-56-8	alpha-Pinene	**0.60**	2.2	0.33	**0.11**	0.39	0.059	**J**
103-65-1	n-Propylbenzene	**0.59**	2.2	0.31	**0.12**	0.44	0.063	**J**
622-96-8	4-Ethyltoluene	**1.2**	2.2	0.34	**0.24**	0.44	0.069	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.86**	2.1	0.31	**0.18**	0.43	0.063	**J**
95-63-6	1,2,4-Trimethylbenzene	**4.5**	2.2	0.30	**0.92**	0.44	0.060	
100-44-7	Benzyl Chloride	<0.48	4.4	0.48	<0.093	0.85	0.093	
541-73-1	1,3-Dichlorobenzene	<0.32	2.2	0.32	<0.053	0.36	0.053	
106-46-7	1,4-Dichlorobenzene	<0.33	2.2	0.33	<0.055	0.36	0.055	
95-50-1	1,2-Dichlorobenzene	<0.32	2.2	0.32	<0.053	0.36	0.053	
5989-27-5	d-Limonene	**3.4**	2.2	0.44	**0.61**	0.39	0.079	
96-12-8	1,2-Dibromo-3-chloropropane	<0.40	2.1	0.40	<0.041	0.22	0.041	
120-82-1	1,2,4-Trichlorobenzene	<0.52	2.2	0.52	<0.070	0.29	0.070	
91-20-3	Naphthalene	**1.1**	2.1	0.52	**0.21**	0.40	0.099	**J**
87-68-3	Hexachlorobutadiene	<0.44	2.1	0.44	<0.041	0.20	0.041	

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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 64** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-003

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00886

Initial Pressure (psig): -2.03 Final Pressure (psig): 6.98

Canister Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**7.4**	2.3	0.56	**4.3**	1.3	0.32	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	2.3	0.37	**0.47**	0.46	0.075	
74-87-3	Chloromethane	**1.2**	2.3	0.37	**0.59**	1.1	0.18	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.36	2.3	0.36	<0.051	0.32	0.051	
75-01-4	Vinyl Chloride	<0.24	2.3	0.24	<0.095	0.90	0.095	
106-99-0	1,3-Butadiene	<0.38	2.3	0.38	<0.17	1.0	0.17	
74-83-9	Bromomethane	<0.32	2.3	0.32	<0.082	0.59	0.082	
75-00-3	Chloroethane	<0.28	2.3	0.28	<0.11	0.88	0.11	
64-17-5	Ethanol	**1,200**	22	1.6	**650**	12	0.84	
75-05-8	Acetonitrile	<0.56	2.3	0.56	<0.33	1.4	0.33	
107-02-8	Acrolein	**9.5**	4.3	0.64	**4.1**	1.9	0.28	
67-64-1	Acetone	**190**	23	5.1	**79**	9.5	2.2	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.3**	2.3	0.35	**0.23**	0.40	0.062	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**6.8**	9.0	0.94	**2.8**	3.7	0.38	**J**
107-13-1	Acrylonitrile	<0.47	2.3	0.47	<0.22	1.0	0.22	
75-35-4	1,1-Dichloroethene	<0.32	2.3	0.32	<0.080	0.58	0.080	
75-09-2	Methylene Chloride	<0.64	2.3	0.64	<0.18	0.65	0.18	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.31	2.3	0.31	<0.098	0.74	0.098	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.53**	2.3	0.32	**0.069**	0.30	0.042	**J**
75-15-0	Carbon Disulfide	**22**	4.7	0.68	**7.0**	1.5	0.22	
156-60-5	trans-1,2-Dichloroethene	<0.32	2.3	0.32	<0.080	0.58	0.080	
75-34-3	1,1-Dichloroethane	<0.33	2.4	0.33	<0.082	0.58	0.082	
1634-04-4	Methyl tert-Butyl Ether	<0.27	2.3	0.27	<0.075	0.64	0.075	
108-05-4	Vinyl Acetate	**40**	23	5.1	**11**	6.6	1.5	
78-93-3	2-Butanone (MEK)	**22**	4.7	0.47	**7.4**	1.6	0.16	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 64** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-003

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00886

Initial Pressure (psig): -2.03 Final Pressure (psig): 6.98

Canister Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.32	2.3	0.32	<0.081	0.57	0.081	
141-78-6	Ethyl Acetate	**98**	4.7	1.2	**27**	1.3	0.33	
110-54-3	n-Hexane	**1.1**	2.3	0.47	**0.33**	0.66	0.13	**J**
67-66-3	Chloroform	**2.6**	2.3	0.30	**0.54**	0.47	0.062	
109-99-9	Tetrahydrofuran (THF)	**1.1**	2.4	0.29	**0.37**	0.80	0.097	**J**
107-06-2	1,2-Dichloroethane	<0.25	2.3	0.25	<0.062	0.57	0.062	
71-55-6	1,1,1-Trichloroethane	<0.28	2.3	0.28	<0.052	0.42	0.052	
71-43-2	Benzene	**2.9**	2.3	0.33	**0.92**	0.71	0.10	
56-23-5	Carbon Tetrachloride	**0.50**	2.3	0.32	**0.080**	0.36	0.050	**J**
110-82-7	Cyclohexane	**0.72**	4.7	0.64	**0.21**	1.4	0.19	**J**
78-87-5	1,2-Dichloropropane	<0.28	2.3	0.28	<0.061	0.50	0.061	
75-27-4	Bromodichloromethane	<0.33	2.3	0.33	<0.049	0.34	0.049	
79-01-6	Trichloroethene	**0.86**	2.3	0.31	**0.16**	0.43	0.057	**J**
123-91-1	1,4-Dioxane	**6.7**	2.3	0.27	**1.9**	0.64	0.075	
80-62-6	Methyl Methacrylate	<0.81	4.7	0.81	<0.20	1.1	0.20	
142-82-5	n-Heptane	**1.3**	2.3	0.36	**0.31**	0.56	0.089	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.35	2.2	0.35	<0.078	0.49	0.078	
108-10-1	4-Methyl-2-pentanone	**1.7**	2.3	0.31	**0.40**	0.55	0.076	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.47	2.3	0.47	<0.10	0.50	0.10	
79-00-5	1,1,2-Trichloroethane	<0.23	2.3	0.23	<0.042	0.42	0.042	
108-88-3	Toluene	**10**	2.3	0.28	**2.7**	0.61	0.074	
591-78-6	2-Hexanone	**2.5**	2.3	0.28	**0.61**	0.56	0.069	
124-48-1	Dibromochloromethane	<0.30	2.3	0.30	<0.035	0.27	0.035	
106-93-4	1,2-Dibromoethane	<0.27	2.3	0.27	<0.035	0.30	0.035	
123-86-4	n-Butyl Acetate	**13**	2.4	0.31	**2.7**	0.50	0.066	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 64** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-003

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00886

Initial Pressure (psig): -2.03 Final Pressure (psig): 6.98

Canister Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**1.7**	2.3	0.51	**0.37**	0.49	0.11	**J**
127-18-4	Tetrachloroethene	**2.4**	2.2	0.29	**0.36**	0.33	0.044	
108-90-7	Chlorobenzene	<0.30	2.3	0.30	<0.066	0.50	0.066	
100-41-4	Ethylbenzene	**3.4**	2.3	0.32	**0.79**	0.53	0.074	
179601-23-1	m,p-Xylenes	**13**	4.7	0.60	**2.9**	1.1	0.14	
75-25-2	Bromoform	<0.47	2.3	0.47	<0.045	0.22	0.045	
100-42-5	Styrene	**0.77**	2.3	0.37	**0.18**	0.53	0.086	**J**
95-47-6	o-Xylene	**5.3**	2.3	0.33	**1.2**	0.53	0.076	
111-84-2	n-Nonane	**3.4**	2.3	0.38	**0.66**	0.44	0.073	
79-34-5	1,1,2,2-Tetrachloroethane	<0.32	2.3	0.32	<0.046	0.34	0.046	
98-82-8	Cumene	**4.7**	2.3	0.33	**0.96**	0.47	0.067	
80-56-8	alpha-Pinene	<0.35	2.3	0.35	<0.063	0.41	0.063	
103-65-1	n-Propylbenzene	**0.57**	2.3	0.33	**0.12**	0.47	0.067	**J**
622-96-8	4-Ethyltoluene	**0.89**	2.3	0.36	**0.18**	0.47	0.074	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.56**	2.3	0.33	**0.11**	0.46	0.067	**J**
95-63-6	1,2,4-Trimethylbenzene	**3.1**	2.3	0.32	**0.64**	0.47	0.064	
100-44-7	Benzyl Chloride	**0.79**	4.7	0.51	**0.15**	0.91	0.099	**J**
541-73-1	1,3-Dichlorobenzene	<0.34	2.3	0.34	<0.057	0.38	0.057	
106-46-7	1,4-Dichlorobenzene	<0.35	2.3	0.35	<0.058	0.38	0.058	
95-50-1	1,2-Dichlorobenzene	<0.34	2.3	0.34	<0.056	0.38	0.056	
5989-27-5	d-Limonene	**4.0**	2.3	0.47	**0.71**	0.41	0.084	
96-12-8	1,2-Dibromo-3-chloropropane	<0.43	2.3	0.43	<0.044	0.23	0.044	
120-82-1	1,2,4-Trichlorobenzene	<0.56	2.3	0.56	<0.075	0.31	0.075	
91-20-3	Naphthalene	**0.88**	2.2	0.56	**0.17**	0.42	0.11	**J**
87-68-3	Hexachlorobutadiene	<0.47	2.3	0.47	<0.044	0.21	0.044	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 77** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-004

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00072

Initial Pressure (psig): -1.61 Final Pressure (psig): 5.61

Canister Dilution Factor: 1.55

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.3**	2.1	0.50	**1.3**	1.2	0.29	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.2**	2.1	0.34	**0.45**	0.42	0.068	
74-87-3	Chloromethane	<0.33	2.1	0.33	<0.16	0.99	0.16	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.33	2.1	0.33	<0.047	0.29	0.047	
75-01-4	Vinyl Chloride	<0.22	2.1	0.22	<0.086	0.82	0.086	
106-99-0	1,3-Butadiene	<0.34	2.1	0.34	<0.15	0.93	0.15	
74-83-9	Bromomethane	<0.29	2.1	0.29	<0.074	0.54	0.074	
75-00-3	Chloroethane	<0.26	2.1	0.26	<0.097	0.79	0.097	
64-17-5	Ethanol	**750**	20	1.4	**400**	11	0.76	
75-05-8	Acetonitrile	<0.50	2.1	0.50	<0.30	1.2	0.30	
107-02-8	Acrolein	**2.5**	3.9	0.58	**1.1**	1.7	0.25	**J**
67-64-1	Acetone	**36**	21	4.7	**15**	8.6	2.0	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.3**	2.1	0.31	**0.23**	0.37	0.056	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.8**	8.1	0.85	**0.74**	3.3	0.35	**J**
107-13-1	Acrylonitrile	<0.43	2.1	0.43	<0.20	0.95	0.20	
75-35-4	1,1-Dichloroethene	<0.29	2.1	0.29	<0.072	0.53	0.072	
75-09-2	Methylene Chloride	<0.58	2.1	0.58	<0.17	0.59	0.17	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.28	2.1	0.28	<0.089	0.67	0.089	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.49**	2.1	0.29	**0.064**	0.27	0.038	**J**
75-15-0	Carbon Disulfide	**7.0**	4.3	0.62	**2.3**	1.4	0.20	
156-60-5	trans-1,2-Dichloroethene	<0.29	2.1	0.29	<0.072	0.53	0.072	
75-34-3	1,1-Dichloroethane	<0.30	2.1	0.30	<0.075	0.53	0.075	
1634-04-4	Methyl tert-Butyl Ether	<0.24	2.1	0.24	<0.068	0.58	0.068	
108-05-4	Vinyl Acetate	<4.7	21	4.7	<1.3	5.9	1.3	
78-93-3	2-Butanone (MEK)	**3.7**	4.3	0.43	**1.2**	1.4	0.14	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 77** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-004

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00072

Initial Pressure (psig): -1.61 Final Pressure (psig): 5.61

Canister Dilution Factor: 1.55

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.29	2.1	0.29	<0.073	0.52	0.073	
141-78-6	Ethyl Acetate	**19**	4.3	1.1	**5.3**	1.2	0.30	
110-54-3	n-Hexane	**0.50**	2.1	0.43	**0.14**	0.59	0.12	**J**
67-66-3	Chloroform	**0.61**	2.1	0.28	**0.12**	0.43	0.056	**J**
109-99-9	Tetrahydrofuran (THF)	<0.26	2.1	0.26	<0.088	0.72	0.088	
107-06-2	1,2-Dichloroethane	<0.23	2.1	0.23	<0.057	0.52	0.057	
71-55-6	1,1,1-Trichloroethane	<0.26	2.1	0.26	<0.047	0.38	0.047	
71-43-2	Benzene	**0.42**	2.1	0.30	**0.13**	0.64	0.093	**J**
56-23-5	Carbon Tetrachloride	**1.1**	2.1	0.29	**0.17**	0.33	0.046	**J**
110-82-7	Cyclohexane	<0.58	4.3	0.58	<0.17	1.2	0.17	
78-87-5	1,2-Dichloropropane	<0.26	2.1	0.26	<0.055	0.45	0.055	
75-27-4	Bromodichloromethane	<0.30	2.1	0.30	<0.045	0.31	0.045	
79-01-6	Trichloroethene	**0.41**	2.1	0.28	**0.077**	0.39	0.052	**J**
123-91-1	1,4-Dioxane	**0.34**	2.1	0.24	**0.095**	0.58	0.068	**J**
80-62-6	Methyl Methacrylate	<0.74	4.3	0.74	<0.18	1.0	0.18	
142-82-5	n-Heptane	**0.60**	2.1	0.33	**0.15**	0.51	0.080	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.32	2.0	0.32	<0.071	0.44	0.071	
108-10-1	4-Methyl-2-pentanone	**0.90**	2.1	0.28	**0.22**	0.50	0.069	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.43	2.1	0.43	<0.094	0.45	0.094	
79-00-5	1,1,2-Trichloroethane	<0.21	2.1	0.21	<0.038	0.38	0.038	
108-88-3	Toluene	**13**	2.1	0.25	**3.5**	0.56	0.067	
591-78-6	2-Hexanone	<0.26	2.1	0.26	<0.062	0.51	0.062	
124-48-1	Dibromochloromethane	<0.27	2.1	0.27	<0.032	0.25	0.032	
106-93-4	1,2-Dibromoethane	<0.24	2.1	0.24	<0.031	0.27	0.031	
123-86-4	n-Butyl Acetate	<0.28	2.1	0.28	<0.060	0.45	0.060	

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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 77** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-004

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00072

Initial Pressure (psig): -1.61 Final Pressure (psig): 5.61

Canister Dilution Factor: 1.55

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**0.78**	2.1	0.47	**0.17**	0.45	0.10	**J**
127-18-4	Tetrachloroethene	**88**	2.0	0.27	**13**	0.30	0.039	
108-90-7	Chlorobenzene	<0.28	2.1	0.28	<0.060	0.45	0.060	
100-41-4	Ethylbenzene	**1.9**	2.1	0.29	**0.43**	0.48	0.067	**J**
179601-23-1	m,p-Xylenes	**6.6**	4.3	0.54	**1.5**	0.98	0.12	
75-25-2	Bromoform	<0.43	2.1	0.43	<0.041	0.20	0.041	
100-42-5	Styrene	**1.0**	2.1	0.33	**0.24**	0.48	0.078	**J**
95-47-6	o-Xylene	**2.8**	2.1	0.30	**0.65**	0.48	0.069	
111-84-2	n-Nonane	**1.4**	2.1	0.34	**0.28**	0.40	0.066	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.29	2.1	0.29	<0.042	0.30	0.042	
98-82-8	Cumene	<0.30	2.1	0.30	<0.061	0.43	0.061	
80-56-8	alpha-Pinene	<0.32	2.1	0.32	<0.057	0.38	0.057	
103-65-1	n-Propylbenzene	**0.38**	2.1	0.30	**0.078**	0.43	0.061	**J**
622-96-8	4-Ethyltoluene	**0.69**	2.1	0.33	**0.14**	0.43	0.067	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.43**	2.1	0.30	**0.088**	0.42	0.061	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.5**	2.1	0.29	**0.51**	0.43	0.058	
100-44-7	Benzyl Chloride	<0.47	4.3	0.47	<0.090	0.82	0.090	
541-73-1	1,3-Dichlorobenzene	<0.31	2.1	0.31	<0.052	0.35	0.052	
106-46-7	1,4-Dichlorobenzene	<0.32	2.1	0.32	<0.053	0.35	0.053	
95-50-1	1,2-Dichlorobenzene	<0.31	2.1	0.31	<0.051	0.35	0.051	
5989-27-5	d-Limonene	**1.5**	2.1	0.43	**0.27**	0.38	0.077	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.39	2.1	0.39	<0.040	0.21	0.040	
120-82-1	1,2,4-Trichlorobenzene	<0.50	2.1	0.50	<0.068	0.28	0.068	
91-20-3	Naphthalene	**0.76**	2.0	0.50	**0.14**	0.38	0.096	**J**
87-68-3	Hexachlorobutadiene	<0.43	2.1	0.43	<0.040	0.19	0.040	

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MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-89** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-005

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01052

Initial Pressure (psig): -2.52 Final Pressure (psig): 5.61

Canister Dilution Factor: 1.67

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**6.0**	2.2	0.54	**3.5**	1.3	0.32	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	2.2	0.36	**0.43**	0.45	0.073	**J**
74-87-3	Chloromethane	**0.38**	2.2	0.36	**0.18**	1.1	0.17	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.35	2.2	0.35	<0.050	0.32	0.050	
75-01-4	Vinyl Chloride	<0.24	2.3	0.24	<0.093	0.88	0.093	
106-99-0	1,3-Butadiene	<0.37	2.2	0.37	<0.17	1.0	0.17	
74-83-9	Bromomethane	<0.31	2.3	0.31	<0.080	0.58	0.080	
75-00-3	Chloroethane	<0.28	2.3	0.28	<0.10	0.85	0.10	
64-17-5	Ethanol	**470**	22	1.5	**250**	12	0.82	
75-05-8	Acetonitrile	<0.54	2.2	0.54	<0.32	1.3	0.32	
107-02-8	Acrolein	**3.3**	4.2	0.63	**1.5**	1.8	0.27	**J**
67-64-1	Acetone	**60**	22	5.0	**25**	9.3	2.1	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.3**	2.2	0.34	**0.23**	0.39	0.060	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.6**	8.8	0.92	**1.5**	3.6	0.37	**J**
107-13-1	Acrylonitrile	<0.46	2.2	0.46	<0.21	1.0	0.21	
75-35-4	1,1-Dichloroethene	<0.31	2.3	0.31	<0.078	0.57	0.078	
75-09-2	Methylene Chloride	<0.63	2.2	0.63	<0.18	0.64	0.18	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.30	2.3	0.30	<0.096	0.72	0.096	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.46**	2.3	0.32	**0.060**	0.29	0.041	**J**
75-15-0	Carbon Disulfide	**38**	4.6	0.67	**12**	1.5	0.21	
156-60-5	trans-1,2-Dichloroethene	<0.31	2.3	0.31	<0.078	0.57	0.078	
75-34-3	1,1-Dichloroethane	<0.33	2.3	0.33	<0.080	0.57	0.080	
1634-04-4	Methyl tert-Butyl Ether	<0.26	2.3	0.26	<0.073	0.63	0.073	
108-05-4	Vinyl Acetate	**17**	23	5.0	**4.7**	6.4	1.4	**J**
78-93-3	2-Butanone (MEK)	**7.4**	4.6	0.46	**2.5**	1.6	0.16	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-89** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-005

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01052

Initial Pressure (psig): -2.52 Final Pressure (psig): 5.61

Canister Dilution Factor: 1.67

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.31	2.2	0.31	<0.079	0.56	0.079	
141-78-6	Ethyl Acetate	**13**	4.6	1.2	**3.7**	1.3	0.32	
110-54-3	n-Hexane	<0.46	2.3	0.46	<0.13	0.64	0.13	
67-66-3	Chloroform	**5.0**	2.3	0.30	**1.0**	0.46	0.061	
109-99-9	Tetrahydrofuran (THF)	**0.66**	2.3	0.28	**0.22**	0.78	0.095	**J**
107-06-2	1,2-Dichloroethane	<0.25	2.3	0.25	<0.061	0.56	0.061	
71-55-6	1,1,1-Trichloroethane	<0.28	2.3	0.28	<0.051	0.41	0.051	
71-43-2	Benzene	**1.5**	2.2	0.32	**0.48**	0.69	0.10	**J**
56-23-5	Carbon Tetrachloride	**2.7**	2.2	0.31	**0.42**	0.35	0.049	
110-82-7	Cyclohexane	<0.63	4.6	0.63	<0.18	1.3	0.18	
78-87-5	1,2-Dichloropropane	<0.28	2.3	0.28	<0.060	0.49	0.060	
75-27-4	Bromodichloromethane	**0.60**	2.3	0.32	**0.089**	0.34	0.048	**J**
79-01-6	Trichloroethene	**0.87**	2.3	0.30	**0.16**	0.42	0.056	**J**
123-91-1	1,4-Dioxane	**0.94**	2.3	0.26	**0.26**	0.63	0.073	**J**
80-62-6	Methyl Methacrylate	<0.79	4.6	0.79	<0.19	1.1	0.19	
142-82-5	n-Heptane	**0.68**	2.3	0.35	**0.17**	0.55	0.087	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.35	2.2	0.35	<0.076	0.48	0.076	
108-10-1	4-Methyl-2-pentanone	**0.81**	2.2	0.30	**0.20**	0.54	0.074	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.46	2.2	0.46	<0.10	0.49	0.10	
79-00-5	1,1,2-Trichloroethane	<0.23	2.3	0.23	<0.041	0.41	0.041	
108-88-3	Toluene	**5.1**	2.3	0.27	**1.4**	0.60	0.072	
591-78-6	2-Hexanone	**1.3**	2.3	0.28	**0.31**	0.55	0.067	**J**
124-48-1	Dibromochloromethane	<0.29	2.3	0.29	<0.034	0.26	0.034	
106-93-4	1,2-Dibromoethane	<0.26	2.3	0.26	<0.034	0.29	0.034	
123-86-4	n-Butyl Acetate	**11**	2.3	0.30	**2.4**	0.48	0.064	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-89** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-005

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01052

Initial Pressure (psig): -2.52 Final Pressure (psig): 5.61

Canister Dilution Factor: 1.67

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**1.2**	2.3	0.50	**0.26**	0.48	0.11	**J**
127-18-4	Tetrachloroethene	**77**	2.2	0.29	**11**	0.32	0.042	
108-90-7	Chlorobenzene	<0.30	2.3	0.30	<0.064	0.49	0.064	
100-41-4	Ethylbenzene	**4.1**	2.3	0.31	**0.94**	0.52	0.072	
179601-23-1	m,p-Xylenes	**14**	4.6	0.58	**3.2**	1.1	0.13	
75-25-2	Bromoform	<0.46	2.3	0.46	<0.044	0.22	0.044	
100-42-5	Styrene	**1.6**	2.2	0.36	**0.39**	0.52	0.084	**J**
95-47-6	o-Xylene	**6.1**	2.3	0.32	**1.4**	0.52	0.074	
111-84-2	n-Nonane	**3.0**	2.3	0.37	**0.57**	0.43	0.071	
79-34-5	1,1,2,2-Tetrachloroethane	<0.31	2.3	0.31	<0.045	0.33	0.045	
98-82-8	Cumene	**2.3**	2.3	0.32	**0.47**	0.46	0.065	
80-56-8	alpha-Pinene	<0.34	2.3	0.34	<0.061	0.40	0.061	
103-65-1	n-Propylbenzene	**0.46**	2.3	0.32	**0.093**	0.46	0.065	**J**
622-96-8	4-Ethyltoluene	**0.75**	2.3	0.35	**0.15**	0.46	0.072	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.46**	2.2	0.32	**0.093**	0.45	0.065	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.6**	2.3	0.31	**0.52**	0.46	0.063	
100-44-7	Benzyl Chloride	<0.50	4.6	0.50	<0.097	0.89	0.097	
541-73-1	1,3-Dichlorobenzene	<0.33	2.3	0.33	<0.056	0.38	0.056	
106-46-7	1,4-Dichlorobenzene	<0.34	2.3	0.34	<0.057	0.38	0.057	
95-50-1	1,2-Dichlorobenzene	<0.33	2.3	0.33	<0.055	0.38	0.055	
5989-27-5	d-Limonene	**2.2**	2.3	0.46	**0.39**	0.40	0.082	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.42	2.2	0.42	<0.043	0.23	0.043	
120-82-1	1,2,4-Trichlorobenzene	<0.54	2.3	0.54	<0.073	0.30	0.073	
91-20-3	Naphthalene	**0.78**	2.2	0.54	**0.15**	0.41	0.10	**J**
87-68-3	Hexachlorobutadiene	<0.46	2.2	0.46	<0.043	0.21	0.043	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-33** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-006

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00976

Initial Pressure (psig): -2.41 Final Pressure (psig): 5.99

Canister Dilution Factor: 1.68

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.1**	2.2	0.55	**1.2**	1.3	0.32	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.2**	2.2	0.37	**0.44**	0.45	0.074	**J**
74-87-3	Chloromethane	**0.92**	2.2	0.36	**0.45**	1.1	0.17	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.35	2.2	0.35	<0.050	0.32	0.050	
75-01-4	Vinyl Chloride	<0.24	2.3	0.24	<0.094	0.89	0.094	
106-99-0	1,3-Butadiene	<0.37	2.2	0.37	<0.17	1.0	0.17	
74-83-9	Bromomethane	<0.31	2.3	0.31	<0.080	0.58	0.080	
75-00-3	Chloroethane	<0.28	2.3	0.28	<0.11	0.86	0.11	
64-17-5	Ethanol	**370**	22	1.6	**200**	12	0.83	
75-05-8	Acetonitrile	**0.79**	2.2	0.55	**0.47**	1.3	0.33	**J**
107-02-8	Acrolein	**8.6**	4.2	0.63	**3.8**	1.8	0.27	
67-64-1	Acetone	**23**	22	5.0	**9.7**	9.4	2.1	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.1**	2.2	0.34	**0.19**	0.40	0.061	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.1**	8.8	0.92	**0.44**	3.6	0.38	**J**
107-13-1	Acrylonitrile	<0.46	2.2	0.46	<0.21	1.0	0.21	
75-35-4	1,1-Dichloroethene	<0.31	2.3	0.31	<0.078	0.57	0.078	
75-09-2	Methylene Chloride	<0.63	2.2	0.63	<0.18	0.64	0.18	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.30	2.3	0.30	<0.097	0.72	0.097	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.45**	2.3	0.32	**0.058**	0.30	0.042	**J**
75-15-0	Carbon Disulfide	**53**	4.6	0.67	**17**	1.5	0.22	
156-60-5	trans-1,2-Dichloroethene	<0.31	2.3	0.31	<0.078	0.57	0.078	
75-34-3	1,1-Dichloroethane	<0.33	2.3	0.33	<0.081	0.57	0.081	
1634-04-4	Methyl tert-Butyl Ether	<0.26	2.3	0.26	<0.073	0.63	0.073	
108-05-4	Vinyl Acetate	<5.0	23	5.0	<1.4	6.4	1.4	
78-93-3	2-Butanone (MEK)	**16**	4.6	0.46	**5.5**	1.6	0.16	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-33** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-006

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00976

Initial Pressure (psig): -2.41 Final Pressure (psig): 5.99

Canister Dilution Factor: 1.68

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.32	2.2	0.32	<0.079	0.56	0.079	
141-78-6	Ethyl Acetate	**8.0**	4.6	1.2	**2.2**	1.3	0.33	
110-54-3	n-Hexane	<0.46	2.3	0.46	<0.13	0.64	0.13	
67-66-3	Chloroform	<0.30	2.3	0.30	<0.061	0.46	0.061	
109-99-9	Tetrahydrofuran (THF)	**1.1**	2.3	0.28	**0.38**	0.78	0.095	**J**
107-06-2	1,2-Dichloroethane	<0.25	2.3	0.25	<0.061	0.56	0.061	
71-55-6	1,1,1-Trichloroethane	<0.28	2.3	0.28	<0.051	0.42	0.051	
71-43-2	Benzene	**0.89**	2.2	0.32	**0.28**	0.70	0.10	**J**
56-23-5	Carbon Tetrachloride	**0.41**	2.2	0.31	**0.065**	0.35	0.049	**J**
110-82-7	Cyclohexane	<0.63	4.6	0.63	<0.18	1.3	0.18	
78-87-5	1,2-Dichloropropane	<0.28	2.3	0.28	<0.060	0.49	0.060	
75-27-4	Bromodichloromethane	<0.32	2.3	0.32	<0.048	0.34	0.048	
79-01-6	Trichloroethene	<0.30	2.3	0.30	<0.056	0.42	0.056	
123-91-1	1,4-Dioxane	**22**	2.3	0.26	**6.1**	0.63	0.073	
80-62-6	Methyl Methacrylate	<0.80	4.6	0.80	<0.19	1.1	0.19	
142-82-5	n-Heptane	**1.1**	2.3	0.36	**0.26**	0.55	0.087	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.35	2.2	0.35	<0.077	0.48	0.077	
108-10-1	4-Methyl-2-pentanone	**0.44**	2.2	0.31	**0.11**	0.54	0.075	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.46	2.2	0.46	<0.10	0.49	0.10	
79-00-5	1,1,2-Trichloroethane	<0.23	2.3	0.23	<0.042	0.42	0.042	
108-88-3	Toluene	**13**	2.3	0.27	**3.4**	0.60	0.072	
591-78-6	2-Hexanone	**4.0**	2.3	0.28	**0.99**	0.55	0.068	
124-48-1	Dibromochloromethane	<0.29	2.3	0.29	<0.035	0.27	0.035	
106-93-4	1,2-Dibromoethane	<0.26	2.3	0.26	<0.034	0.30	0.034	
123-86-4	n-Butyl Acetate	**0.50**	2.3	0.31	**0.11**	0.49	0.065	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-33** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-006

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00976

Initial Pressure (psig): -2.41 Final Pressure (psig): 5.99

Canister Dilution Factor: 1.68

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**11**	2.3	0.50	**2.3**	0.49	0.11	
127-18-4	Tetrachloroethene	**1.2**	2.2	0.29	**0.18**	0.32	0.043	**J**
108-90-7	Chlorobenzene	<0.30	2.3	0.30	<0.065	0.49	0.065	
100-41-4	Ethylbenzene	**2.0**	2.3	0.32	**0.46**	0.52	0.073	**J**
179601-23-1	m,p-Xylenes	**6.6**	4.6	0.59	**1.5**	1.1	0.14	
75-25-2	Bromoform	<0.46	2.3	0.46	<0.045	0.22	0.045	
100-42-5	Styrene	**0.56**	2.2	0.36	**0.13**	0.52	0.085	**J**
95-47-6	o-Xylene	**3.4**	2.3	0.32	**0.77**	0.52	0.074	
111-84-2	n-Nonane	**2.6**	2.3	0.37	**0.50**	0.43	0.071	
79-34-5	1,1,2,2-Tetrachloroethane	<0.31	2.3	0.31	<0.045	0.33	0.045	
98-82-8	Cumene	<0.32	2.3	0.32	<0.066	0.46	0.066	
80-56-8	alpha-Pinene	**8.8**	2.3	0.34	**1.6**	0.41	0.062	
103-65-1	n-Propylbenzene	**0.32**	2.3	0.32	**0.066**	0.46	0.066	**J**
622-96-8	4-Ethyltoluene	**0.44**	2.3	0.36	**0.089**	0.46	0.073	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.35**	2.2	0.32	**0.072**	0.45	0.066	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.5**	2.3	0.31	**0.30**	0.46	0.063	**J**
100-44-7	Benzyl Chloride	<0.50	4.6	0.50	<0.097	0.89	0.097	
541-73-1	1,3-Dichlorobenzene	<0.34	2.3	0.34	<0.056	0.38	0.056	
106-46-7	1,4-Dichlorobenzene	<0.34	2.3	0.34	<0.057	0.38	0.057	
95-50-1	1,2-Dichlorobenzene	<0.33	2.3	0.33	<0.055	0.38	0.055	
5989-27-5	d-Limonene	**33**	2.3	0.46	**6.0**	0.41	0.083	
96-12-8	1,2-Dibromo-3-chloropropane	<0.42	2.2	0.42	<0.043	0.23	0.043	
120-82-1	1,2,4-Trichlorobenzene	<0.55	2.3	0.55	<0.074	0.31	0.074	
91-20-3	Naphthalene	<0.55	2.2	0.55	<0.10	0.42	0.10	
87-68-3	Hexachlorobutadiene	<0.46	2.2	0.46	<0.043	0.21	0.043	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-90** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-007

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00847

Initial Pressure (psig): -3.08 Final Pressure (psig): 7.98

Canister Dilution Factor: 1.95

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.8**	2.6	0.63	**1.6**	1.5	0.37	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.6**	2.6	0.42	**0.53**	0.52	0.086	
74-87-3	Chloromethane	**0.55**	2.6	0.42	**0.27**	1.3	0.20	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.41	2.6	0.41	<0.059	0.37	0.059	
75-01-4	Vinyl Chloride	<0.28	2.6	0.28	<0.11	1.0	0.11	
106-99-0	1,3-Butadiene	<0.43	2.6	0.43	<0.19	1.2	0.19	
74-83-9	Bromomethane	<0.36	2.6	0.36	<0.093	0.68	0.093	
75-00-3	Chloroethane	<0.32	2.6	0.32	<0.12	1.0	0.12	
64-17-5	Ethanol	**340**	25	1.8	**180**	13	0.96	
75-05-8	Acetonitrile	**1.1**	2.6	0.63	**0.64**	1.5	0.38	**J**
107-02-8	Acrolein	**6.9**	4.9	0.73	**3.0**	2.1	0.32	
67-64-1	Acetone	**55**	26	5.9	**23**	11	2.5	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.4**	2.6	0.39	**0.25**	0.46	0.070	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**4.4**	10	1.1	**1.8**	4.2	0.44	**J**
107-13-1	Acrylonitrile	<0.54	2.6	0.54	<0.25	1.2	0.25	
75-35-4	1,1-Dichloroethene	<0.36	2.6	0.36	<0.091	0.66	0.091	
75-09-2	Methylene Chloride	<0.73	2.6	0.73	<0.21	0.74	0.21	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.35	2.6	0.35	<0.11	0.84	0.11	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.47**	2.6	0.37	**0.062**	0.34	0.048	**J**
75-15-0	Carbon Disulfide	**28**	5.4	0.78	**9.0**	1.7	0.25	
156-60-5	trans-1,2-Dichloroethene	<0.36	2.6	0.36	<0.091	0.66	0.091	
75-34-3	1,1-Dichloroethane	<0.38	2.7	0.38	<0.094	0.66	0.094	
1634-04-4	Methyl tert-Butyl Ether	<0.31	2.6	0.31	<0.085	0.73	0.085	
108-05-4	Vinyl Acetate	**37**	26	5.9	**10**	7.5	1.7	
78-93-3	2-Butanone (MEK)	**15**	5.4	0.54	**4.9**	1.8	0.18	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-90** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-007

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00847

Initial Pressure (psig): -3.08 Final Pressure (psig): 7.98

Canister Dilution Factor: 1.95

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.37	2.6	0.37	<0.092	0.65	0.092	
141-78-6	Ethyl Acetate	**29**	5.4	1.4	**8.1**	1.5	0.38	
110-54-3	n-Hexane	**0.63**	2.6	0.54	**0.18**	0.75	0.15	**J**
67-66-3	Chloroform	**18**	2.6	0.35	**3.7**	0.54	0.071	
109-99-9	Tetrahydrofuran (THF)	**0.50**	2.7	0.33	**0.17**	0.91	0.11	**J**
107-06-2	1,2-Dichloroethane	<0.29	2.6	0.29	<0.071	0.65	0.071	
71-55-6	1,1,1-Trichloroethane	<0.32	2.6	0.32	<0.059	0.48	0.059	
71-43-2	Benzene	**1.5**	2.6	0.38	**0.47**	0.81	0.12	**J**
56-23-5	Carbon Tetrachloride	**8.7**	2.6	0.36	**1.4**	0.41	0.057	
110-82-7	Cyclohexane	<0.73	5.4	0.73	<0.21	1.6	0.21	
78-87-5	1,2-Dichloropropane	<0.32	2.6	0.32	<0.070	0.57	0.070	
75-27-4	Bromodichloromethane	**6.6**	2.6	0.38	**0.98**	0.39	0.056	
79-01-6	Trichloroethene	<0.35	2.6	0.35	<0.065	0.49	0.065	
123-91-1	1,4-Dioxane	**0.92**	2.6	0.31	**0.25**	0.73	0.085	**J**
80-62-6	Methyl Methacrylate	<0.93	5.4	0.93	<0.23	1.3	0.23	
142-82-5	n-Heptane	**1.1**	2.6	0.41	**0.27**	0.64	0.10	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.40	2.5	0.40	<0.089	0.56	0.089	
108-10-1	4-Methyl-2-pentanone	**0.63**	2.6	0.36	**0.15**	0.63	0.087	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.54	2.6	0.54	<0.12	0.57	0.12	
79-00-5	1,1,2-Trichloroethane	<0.26	2.6	0.26	<0.048	0.48	0.048	
108-88-3	Toluene	**2.4**	2.6	0.32	**0.63**	0.70	0.084	**J**
591-78-6	2-Hexanone	**1.8**	2.6	0.32	**0.44**	0.64	0.079	**J**
124-48-1	Dibromochloromethane	<0.34	2.6	0.34	<0.040	0.31	0.040	
106-93-4	1,2-Dibromoethane	<0.30	2.6	0.30	<0.039	0.34	0.039	
123-86-4	n-Butyl Acetate	**13**	2.7	0.36	**2.8**	0.56	0.075	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-90** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-007

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00847

Initial Pressure (psig): -3.08 Final Pressure (psig): 7.98

Canister Dilution Factor: 1.95

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**0.85**	2.6	0.59	**0.18**	0.56	0.13	**J**
127-18-4	Tetrachloroethene	**760**	25	3.4	**110**	3.7	0.50	**D**
108-90-7	Chlorobenzene	<0.35	2.6	0.35	<0.075	0.57	0.075	
100-41-4	Ethylbenzene	**0.49**	2.6	0.37	**0.11**	0.61	0.084	**J**
179601-23-1	m,p-Xylenes	**1.5**	5.4	0.68	**0.34**	1.2	0.16	**J**
75-25-2	Bromoform	<0.54	2.6	0.54	<0.052	0.25	0.052	
100-42-5	Styrene	**0.69**	2.6	0.42	**0.16**	0.61	0.099	**J**
95-47-6	o-Xylene	**0.66**	2.6	0.38	**0.15**	0.61	0.086	**J**
111-84-2	n-Nonane	**0.74**	2.6	0.43	**0.14**	0.50	0.083	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.36	2.6	0.36	<0.053	0.38	0.053	
98-82-8	Cumene	**2.2**	2.6	0.38	**0.44**	0.54	0.076	**J**
80-56-8	alpha-Pinene	<0.40	2.6	0.40	<0.072	0.47	0.072	
103-65-1	n-Propylbenzene	<0.38	2.6	0.38	<0.076	0.54	0.076	
622-96-8	4-Ethyltoluene	<0.41	2.6	0.41	<0.084	0.54	0.084	
108-67-8	1,3,5-Trimethylbenzene	<0.38	2.6	0.38	<0.076	0.53	0.076	
95-63-6	1,2,4-Trimethylbenzene	**0.88**	2.6	0.36	**0.18**	0.54	0.073	**J**
100-44-7	Benzyl Chloride	<0.59	5.4	0.59	<0.11	1.0	0.11	
541-73-1	1,3-Dichlorobenzene	<0.39	2.6	0.39	<0.065	0.44	0.065	
106-46-7	1,4-Dichlorobenzene	<0.40	2.6	0.40	<0.067	0.44	0.067	
95-50-1	1,2-Dichlorobenzene	<0.39	2.6	0.39	<0.064	0.44	0.064	
5989-27-5	d-Limonene	**2.0**	2.6	0.54	**0.35**	0.47	0.096	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.49	2.6	0.49	<0.050	0.27	0.050	
120-82-1	1,2,4-Trichlorobenzene	<0.63	2.6	0.63	<0.085	0.35	0.085	
91-20-3	Naphthalene	**0.77**	2.5	0.63	**0.15**	0.48	0.12	**J**
87-68-3	Hexachlorobutadiene	<0.54	2.6	0.54	<0.050	0.24	0.050	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-81** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-008

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00005

Initial Pressure (psig): -1.95 Final Pressure (psig): 6.96

Canister Dilution Factor: 1.70

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.0**	2.3	0.55	**1.2**	1.3	0.32	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	2.3	0.37	**0.46**	0.46	0.075	
74-87-3	Chloromethane	**0.83**	2.3	0.37	**0.40**	1.1	0.18	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.36	2.3	0.36	<0.051	0.32	0.051	
75-01-4	Vinyl Chloride	<0.24	2.3	0.24	<0.095	0.90	0.095	
106-99-0	1,3-Butadiene	<0.37	2.3	0.37	<0.17	1.0	0.17	
74-83-9	Bromomethane	<0.31	2.3	0.31	<0.081	0.59	0.081	
75-00-3	Chloroethane	<0.28	2.3	0.28	<0.11	0.87	0.11	
64-17-5	Ethanol	**480**	22	1.6	**250**	12	0.83	
75-05-8	Acetonitrile	<0.55	2.3	0.55	<0.33	1.3	0.33	
107-02-8	Acrolein	**3.8**	4.3	0.64	**1.7**	1.9	0.28	**J**
67-64-1	Acetone	**33**	23	5.1	**14**	9.5	2.1	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.2**	2.3	0.34	**0.22**	0.40	0.061	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.9**	8.9	0.94	**0.79**	3.6	0.38	**J**
107-13-1	Acrylonitrile	<0.47	2.3	0.47	<0.22	1.0	0.22	
75-35-4	1,1-Dichloroethene	<0.31	2.3	0.31	<0.079	0.58	0.079	
75-09-2	Methylene Chloride	<0.64	2.3	0.64	<0.18	0.65	0.18	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.31	2.3	0.31	<0.098	0.73	0.098	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.44**	2.3	0.32	**0.058**	0.30	0.042	**J**
75-15-0	Carbon Disulfide	**2.7**	4.7	0.68	**0.87**	1.5	0.22	**J**
156-60-5	trans-1,2-Dichloroethene	<0.31	2.3	0.31	<0.079	0.58	0.079	
75-34-3	1,1-Dichloroethane	<0.33	2.3	0.33	<0.082	0.58	0.082	
1634-04-4	Methyl tert-Butyl Ether	<0.27	2.3	0.27	<0.074	0.64	0.074	
108-05-4	Vinyl Acetate	**10**	23	5.1	**2.9**	6.5	1.4	**J**
78-93-3	2-Butanone (MEK)	**9.1**	4.7	0.47	**3.1**	1.6	0.16	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-81** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-008

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00005

Initial Pressure (psig): -1.95 Final Pressure (psig): 6.96

Canister Dilution Factor: 1.70

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.32	2.3	0.32	<0.080	0.57	0.080	
141-78-6	Ethyl Acetate	**16**	4.7	1.2	**4.5**	1.3	0.33	
110-54-3	n-Hexane	**0.86**	2.3	0.47	**0.24**	0.65	0.13	**J**
67-66-3	Chloroform	**5.9**	2.3	0.30	**1.2**	0.47	0.062	
109-99-9	Tetrahydrofuran (THF)	<0.28	2.3	0.28	<0.097	0.79	0.097	
107-06-2	1,2-Dichloroethane	<0.25	2.3	0.25	<0.062	0.57	0.062	
71-55-6	1,1,1-Trichloroethane	<0.28	2.3	0.28	<0.051	0.42	0.051	
71-43-2	Benzene	**0.63**	2.3	0.33	**0.20**	0.71	0.10	**J**
56-23-5	Carbon Tetrachloride	**1.0**	2.3	0.31	**0.16**	0.36	0.050	**J**
110-82-7	Cyclohexane	<0.64	4.7	0.64	<0.19	1.4	0.19	
78-87-5	1,2-Dichloropropane	<0.28	2.3	0.28	<0.061	0.50	0.061	
75-27-4	Bromodichloromethane	**2.1**	2.3	0.33	**0.31**	0.34	0.049	**J**
79-01-6	Trichloroethene	**1.1**	2.3	0.31	**0.21**	0.43	0.057	**J**
123-91-1	1,4-Dioxane	<0.27	2.3	0.27	<0.074	0.64	0.074	
80-62-6	Methyl Methacrylate	**1.8**	4.7	0.81	**0.44**	1.1	0.20	**J**
142-82-5	n-Heptane	**1.1**	2.3	0.36	**0.26**	0.56	0.088	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.35	2.2	0.35	<0.078	0.49	0.078	
108-10-1	4-Methyl-2-pentanone	**0.69**	2.3	0.31	**0.17**	0.55	0.076	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.47	2.3	0.47	<0.10	0.50	0.10	
79-00-5	1,1,2-Trichloroethane	<0.23	2.3	0.23	<0.042	0.42	0.042	
108-88-3	Toluene	**24**	2.3	0.28	**6.5**	0.61	0.073	
591-78-6	2-Hexanone	**3.0**	2.3	0.28	**0.74**	0.56	0.069	
124-48-1	Dibromochloromethane	<0.30	2.3	0.30	<0.035	0.27	0.035	
106-93-4	1,2-Dibromoethane	<0.26	2.3	0.26	<0.034	0.30	0.034	
123-86-4	n-Butyl Acetate	**0.83**	2.3	0.31	**0.17**	0.49	0.065	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-81** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-008

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00005

Initial Pressure (psig): -1.95 Final Pressure (psig): 6.96

Canister Dilution Factor: 1.70

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**6.4**	2.3	0.51	**1.4**	0.49	0.11	
127-18-4	Tetrachloroethene	**130**	2.2	0.29	**20**	0.33	0.043	
108-90-7	Chlorobenzene	<0.30	2.3	0.30	<0.066	0.50	0.066	
100-41-4	Ethylbenzene	**1.2**	2.3	0.32	**0.28**	0.53	0.073	**J**
179601-23-1	m,p-Xylenes	**4.1**	4.7	0.60	**0.94**	1.1	0.14	**J**
75-25-2	Bromoform	<0.47	2.3	0.47	<0.045	0.22	0.045	
100-42-5	Styrene	**1.1**	2.3	0.37	**0.26**	0.53	0.086	**J**
95-47-6	o-Xylene	**1.6**	2.3	0.33	**0.37**	0.53	0.075	**J**
111-84-2	n-Nonane	**1.1**	2.3	0.38	**0.21**	0.44	0.072	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.31	2.3	0.31	<0.046	0.33	0.046	
98-82-8	Cumene	<0.33	2.3	0.33	<0.067	0.47	0.067	
80-56-8	alpha-Pinene	**3.1**	2.3	0.35	**0.56**	0.41	0.063	
103-65-1	n-Propylbenzene	**0.44**	2.3	0.33	**0.090**	0.47	0.067	**J**
622-96-8	4-Ethyltoluene	**0.68**	2.3	0.36	**0.14**	0.47	0.074	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.47**	2.3	0.33	**0.095**	0.46	0.067	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.3**	2.3	0.31	**0.47**	0.47	0.064	
100-44-7	Benzyl Chloride	<0.51	4.7	0.51	<0.099	0.90	0.099	
541-73-1	1,3-Dichlorobenzene	<0.34	2.3	0.34	<0.057	0.38	0.057	
106-46-7	1,4-Dichlorobenzene	<0.35	2.3	0.35	<0.058	0.38	0.058	
95-50-1	1,2-Dichlorobenzene	<0.34	2.3	0.34	<0.056	0.38	0.056	
5989-27-5	d-Limonene	**16**	2.3	0.47	**2.9**	0.41	0.084	
96-12-8	1,2-Dibromo-3-chloropropane	<0.43	2.3	0.43	<0.044	0.23	0.044	
120-82-1	1,2,4-Trichlorobenzene	<0.55	2.3	0.55	<0.074	0.31	0.074	
91-20-3	Naphthalene	<0.55	2.2	0.55	<0.11	0.42	0.11	
87-68-3	Hexachlorobutadiene	<0.47	2.3	0.47	<0.044	0.21	0.044	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003112

Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P200616-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA

Analyst: Simon Cao Date Analyzed: 6/16/20

Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.13	0.53	0.13	<0.076	0.31	0.076	
75-71-8	Dichlorodifluoromethane (CFC 12)	<0.087	0.53	0.087	<0.018	0.11	0.018	
74-87-3	Chloromethane	<0.086	0.53	0.086	<0.042	0.26	0.042	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.084	0.53	0.084	<0.012	0.076	0.012	
75-01-4	Vinyl Chloride	<0.057	0.54	0.057	<0.022	0.21	0.022	
106-99-0	1,3-Butadiene	<0.088	0.53	0.088	<0.040	0.24	0.040	
74-83-9	Bromomethane	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-00-3	Chloroethane	<0.066	0.54	0.066	<0.025	0.20	0.025	
64-17-5	Ethanol	<0.37	5.2	0.37	<0.20	2.8	0.20	
75-05-8	Acetonitrile	<0.13	0.53	0.13	<0.077	0.32	0.077	
107-02-8	Acrolein	<0.15	1.0	0.15	<0.065	0.44	0.065	
67-64-1	Acetone	<1.2	5.3	1.2	<0.51	2.2	0.51	
75-69-4	Trichlorofluoromethane (CFC 11)	<0.081	0.53	0.081	<0.014	0.094	0.014	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.22	2.1	0.22	<0.090	0.85	0.090	
107-13-1	Acrylonitrile	<0.11	0.53	0.11	<0.051	0.24	0.051	
75-35-4	1,1-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-09-2	Methylene Chloride	<0.15	0.53	0.15	<0.043	0.15	0.043	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.072	0.54	0.072	<0.023	0.17	0.023	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.076	0.54	0.076	<0.0099	0.070	0.0099	
75-15-0	Carbon Disulfide	<0.16	1.1	0.16	<0.051	0.35	0.051	
156-60-5	trans-1,2-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-34-3	1,1-Dichloroethane	<0.078	0.55	0.078	<0.019	0.14	0.019	
1634-04-4	Methyl tert-Butyl Ether	<0.063	0.54	0.063	<0.017	0.15	0.017	
108-05-4	Vinyl Acetate	<1.2	5.4	1.2	<0.34	1.5	0.34	
78-93-3	2-Butanone (MEK)	<0.11	1.1	0.11	<0.037	0.37	0.037	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003112

Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P200616-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA

Analyst: Simon Cao Date Analyzed: 6/16/20

Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.075	0.53	0.075	<0.019	0.13	0.019	
141-78-6	Ethyl Acetate	<0.28	1.1	0.28	<0.078	0.31	0.078	
110-54-3	n-Hexane	<0.11	0.54	0.11	<0.031	0.15	0.031	
67-66-3	Chloroform	<0.071	0.54	0.071	<0.015	0.11	0.015	
109-99-9	Tetrahydrofuran (THF)	<0.067	0.55	0.067	<0.023	0.19	0.023	
107-06-2	1,2-Dichloroethane	<0.059	0.54	0.059	<0.015	0.13	0.015	
71-55-6	1,1,1-Trichloroethane	<0.066	0.54	0.066	<0.012	0.099	0.012	
71-43-2	Benzene	<0.077	0.53	0.077	<0.024	0.17	0.024	
56-23-5	Carbon Tetrachloride	<0.074	0.53	0.074	<0.012	0.084	0.012	
110-82-7	Cyclohexane	<0.15	1.1	0.15	<0.044	0.32	0.044	
78-87-5	1,2-Dichloropropane	<0.066	0.54	0.066	<0.014	0.12	0.014	
75-27-4	Bromodichloromethane	<0.077	0.54	0.077	<0.011	0.081	0.011	
79-01-6	Trichloroethene	<0.072	0.54	0.072	<0.013	0.10	0.013	
123-91-1	1,4-Dioxane	<0.063	0.54	0.063	<0.017	0.15	0.017	
80-62-6	Methyl Methacrylate	<0.19	1.1	0.19	<0.046	0.27	0.046	
142-82-5	n-Heptane	<0.085	0.54	0.085	<0.021	0.13	0.021	
10061-01-5	cis-1,3-Dichloropropene	<0.083	0.52	0.083	<0.018	0.11	0.018	
108-10-1	4-Methyl-2-pentanone	<0.073	0.53	0.073	<0.018	0.13	0.018	
10061-02-6	trans-1,3-Dichloropropene	<0.11	0.53	0.11	<0.024	0.12	0.024	
79-00-5	1,1,2-Trichloroethane	<0.054	0.54	0.054	<0.0099	0.099	0.0099	
108-88-3	Toluene	<0.065	0.54	0.065	<0.017	0.14	0.017	
591-78-6	2-Hexanone	<0.066	0.54	0.066	<0.016	0.13	0.016	
124-48-1	Dibromochloromethane	<0.070	0.54	0.070	<0.0082	0.063	0.0082	
106-93-4	1,2-Dibromoethane	<0.062	0.54	0.062	<0.0081	0.070	0.0081	
123-86-4	n-Butyl Acetate	<0.073	0.55	0.073	<0.015	0.12	0.015	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003112

Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P200616-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA

Analyst: Simon Cao Date Analyzed: 6/16/20

Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.12	0.54	0.12	<0.026	0.12	0.026	
127-18-4	Tetrachloroethene	<0.069	0.52	0.069	<0.010	0.077	0.010	
108-90-7	Chlorobenzene	<0.071	0.54	0.071	<0.015	0.12	0.015	
100-41-4	Ethylbenzene	<0.075	0.54	0.075	<0.017	0.12	0.017	
179601-23-1	m,p-Xylenes	<0.14	1.1	0.14	<0.032	0.25	0.032	
75-25-2	Bromoform	<0.11	0.54	0.11	<0.011	0.052	0.011	
100-42-5	Styrene	<0.086	0.53	0.086	<0.020	0.12	0.020	
95-47-6	o-Xylene	<0.077	0.54	0.077	<0.018	0.12	0.018	
111-84-2	n-Nonane	<0.089	0.54	0.089	<0.017	0.10	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	<0.074	0.54	0.074	<0.011	0.079	0.011	
98-82-8	Cumene	<0.077	0.54	0.077	<0.016	0.11	0.016	
80-56-8	alpha-Pinene	<0.082	0.54	0.082	<0.015	0.097	0.015	
103-65-1	n-Propylbenzene	<0.077	0.54	0.077	<0.016	0.11	0.016	
622-96-8	4-Ethyltoluene	<0.085	0.54	0.085	<0.017	0.11	0.017	
108-67-8	1,3,5-Trimethylbenzene	<0.077	0.53	0.077	<0.016	0.11	0.016	
95-63-6	1,2,4-Trimethylbenzene	<0.074	0.54	0.074	<0.015	0.11	0.015	
100-44-7	Benzyl Chloride	<0.12	1.1	0.12	<0.023	0.21	0.023	
541-73-1	1,3-Dichlorobenzene	<0.080	0.54	0.080	<0.013	0.090	0.013	
106-46-7	1,4-Dichlorobenzene	<0.082	0.54	0.082	<0.014	0.090	0.014	
95-50-1	1,2-Dichlorobenzene	<0.079	0.54	0.079	<0.013	0.090	0.013	
5989-27-5	d-Limonene	<0.11	0.54	0.11	<0.020	0.097	0.020	
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.53	0.10	<0.010	0.055	0.010	
120-82-1	1,2,4-Trichlorobenzene	<0.13	0.54	0.13	<0.018	0.073	0.018	
91-20-3	Naphthalene	<0.13	0.52	0.13	<0.025	0.099	0.025	
87-68-3	Hexachlorobutadiene	<0.11	0.53	0.11	<0.010	0.050	0.010	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Project ID: P2003112

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 6/2/20
Analyst: Simon Cao Date(s) Received: 6/5/20
Sample Type: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 6/16/20
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P200616-MB	**96**	**100**	**104**	70-130	
Lab Control Sample	P200616-LCS	**97**	**101**	**105**	70-130	
Duplicate Lab Control Sample	P200616-DLCS	**98**	**100**	**104**	70-130	
SG 32	P2003112-001	**96**	**101**	**105**	70-130	
SG 135	P2003112-002	**96**	**100**	**104**	70-130	
SG 64	P2003112-003	**97**	**101**	**105**	70-130	
SG 77	P2003112-004	**98**	**100**	**104**	70-130	
SG-89	P2003112-005	**98**	**101**	**106**	70-130	
SG-33	P2003112-006	**97**	**100**	**104**	70-130	
SG-90	P2003112-007	**96**	**100**	**104**	70-130	
SG-81	P2003112-008	**97**	**101**	**105**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P200616-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	ALS Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	188	187	**90**	**89**	51-133	1	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	186	188	**89**	**90**	64-115	1	25	
74-87-3	Chloromethane	212	190	204	**90**	**96**	49-127	6	25	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	206	183	194	**89**	**94**	65-114	5	25	
75-01-4	Vinyl Chloride	212	186	193	**88**	**91**	61-129	3	25	
106-99-0	1,3-Butadiene	212	200	209	**94**	**99**	54-140	5	25	
74-83-9	Bromomethane	212	194	199	**92**	**94**	68-120	2	25	
75-00-3	Chloroethane	214	188	195	**88**	**91**	63-123	3	25	
64-17-5	Ethanol	1,060	898	921	**85**	**87**	49-134	2	25	
75-05-8	Acetonitrile	214	199	202	**93**	**94**	50-137	1	25	
107-02-8	Acrolein	206	223	223	**108**	**108**	62-128	0	25	
67-64-1	Acetone	1,070	925	930	**86**	**87**	56-125	1	25	
75-69-4	Trichlorofluoromethane (CFC 11)	212	191	192	**90**	**91**	64-115	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	422	379	392	**90**	**93**	57-133	3	25	
107-13-1	Acrylonitrile	212	199	202	**94**	**95**	64-136	1	25	
75-35-4	1,1-Dichloroethene	214	201	203	**94**	**95**	67-115	1	25	
75-09-2	Methylene Chloride	210	199	201	**95**	**96**	68-114	1	25	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	214	185	187	**86**	**87**	55-139	1	25	
76-13-1	Trichlorotrifluoroethane (CFC 113)	216	201	202	**93**	**94**	65-115	1	25	
75-15-0	Carbon Disulfide	212	200	201	**94**	**95**	68-113	1	25	
156-60-5	trans-1,2-Dichloroethene	214	214	216	**100**	**101**	65-122	1	25	
75-34-3	1,1-Dichloroethane	212	192	193	**91**	**91**	63-118	0	25	
1634-04-4	Methyl tert-Butyl Ether	214	202	203	**94**	**95**	57-131	1	25	
108-05-4	Vinyl Acetate	1,070	1140	1160	**107**	**108**	71-128	0.9	25	
78-93-3	2-Butanone (MEK)	212	206	207	**97**	**98**	67-123	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P200616-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	ALS Acceptance Limits	RPD	RPD Limit	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	212	202	204	**95**	**96**	64-120	1	25	
141-78-6	Ethyl Acetate	432	419	422	**97**	**98**	64-131	1	25	
110-54-3	n-Hexane	216	188	191	**87**	**88**	58-125	1	25	
67-66-3	Chloroform	214	196	198	**92**	**93**	65-114	1	25	
109-99-9	Tetrahydrofuran (THF)	220	212	213	**96**	**97**	65-115	1	25	
107-06-2	1,2-Dichloroethane	214	199	201	**93**	**94**	59-119	1	25	
71-55-6	1,1,1-Trichloroethane	214	201	201	**94**	**94**	66-115	0	25	
71-43-2	Benzene	210	191	193	**91**	**92**	66-109	1	25	
56-23-5	Carbon Tetrachloride	208	198	200	**95**	**96**	66-119	1	25	
110-82-7	Cyclohexane	422	388	389	**92**	**92**	67-117	0	25	
78-87-5	1,2-Dichloropropane	214	198	197	**93**	**92**	66-119	1	25	
75-27-4	Bromodichloromethane	218	202	203	**93**	**93**	71-119	0	25	
79-01-6	Trichloroethene	216	204	205	**94**	**95**	70-114	1	25	
123-91-1	1,4-Dioxane	216	219	220	**101**	**102**	71-117	1	25	
80-62-6	Methyl Methacrylate	430	439	439	**102**	**102**	76-121	0	25	
142-82-5	n-Heptane	214	199	199	**93**	**93**	66-119	0	25	
10061-01-5	cis-1,3-Dichloropropene	214	225	226	**105**	**106**	72-125	0.9	25	
108-10-1	4-Methyl-2-pentanone	212	207	210	**98**	**99**	68-130	1	25	
10061-02-6	trans-1,3-Dichloropropene	212	213	215	**100**	**101**	71-132	1	25	
79-00-5	1,1,2-Trichloroethane	214	207	209	**97**	**98**	70-117	1	25	
108-88-3	Toluene	212	197	198	**93**	**93**	67-113	0	25	
591-78-6	2-Hexanone	216	221	223	**102**	**103**	62-135	1	25	
124-48-1	Dibromochloromethane	214	216	217	**101**	**101**	73-126	0	25	
106-93-4	1,2-Dibromoethane	214	220	220	**103**	**103**	71-122	0	25	
123-86-4	n-Butyl Acetate	218	228	228	**105**	**105**	65-134	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P200616-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	ALS Acceptance Limits	RPD	RPD Limit	Data Qualifier
111-65-9	n-Octane	216	199	199	**92**	**92**	63-120	0	25	
127-18-4	Tetrachloroethene	208	198	199	**95**	**96**	64-120	1	25	
108-90-7	Chlorobenzene	214	196	197	**92**	**92**	65-116	0	25	
100-41-4	Ethylbenzene	212	202	204	**95**	**96**	65-117	1	25	
179601-23-1	m,p-Xylenes	426	403	405	**95**	**95**	64-121	0	25	
75-25-2	Bromoform	214	230	232	**107**	**108**	72-130	0.9	25	
100-42-5	Styrene	212	217	219	**102**	**103**	72-126	1	25	
95-47-6	o-Xylene	214	199	201	**93**	**94**	64-120	1	25	
111-84-2	n-Nonane	214	193	195	**90**	**91**	56-132	1	25	
79-34-5	1,1,2,2-Tetrachloroethane	214	205	207	**96**	**97**	66-122	1	25	
98-82-8	Cumene	214	201	203	**94**	**95**	64-121	1	25	
80-56-8	alpha-Pinene	212	204	205	**96**	**97**	62-136	1	25	
103-65-1	n-Propylbenzene	214	203	204	**95**	**95**	65-123	0	25	
622-96-8	4-Ethyltoluene	210	192	194	**91**	**92**	71-126	1	25	
108-67-8	1,3,5-Trimethylbenzene	212	197	200	**93**	**94**	65-120	1	25	
95-63-6	1,2,4-Trimethylbenzene	212	201	204	**95**	**96**	63-129	1	25	
100-44-7	Benzyl Chloride	214	247	251	**115**	**117**	66-138	2	25	
541-73-1	1,3-Dichlorobenzene	214	209	213	**98**	**100**	65-127	2	25	
106-46-7	1,4-Dichlorobenzene	214	204	207	**95**	**97**	65-125	2	25	
95-50-1	1,2-Dichlorobenzene	214	203	207	**95**	**97**	67-128	2	25	
5989-27-5	d-Limonene	212	197	198	**93**	**93**	65-136	0	25	
96-12-8	1,2-Dibromo-3-chloropropane	214	226	232	**106**	**108**	73-133	2	25	
120-82-1	1,2,4-Trichlorobenzene	216	222	229	**103**	**106**	62-140	3	25	
91-20-3	Naphthalene	212	225	233	**106**	**110**	57-149	4	25	
87-68-3	Hexachlorobutadiene	214	198	204	**93**	**95**	57-129	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Response Factor Report MS09

Method Path : I:\MS09\Methods\
Method File : R9061120.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
Last Update : Thu Jun 11 21:23:59 2020
Response Via : Initial Calibration

6/12/20

Calibration Files
0.1 =06112026.D 0.2 =06112027.D 0.5 =06112028.D 1.0 =06112029.D 5.0 =06112030.D 25 =06112
100 =06112033.D

		Compound	0.1	0.2	0.5	1.0	5.0	25	50	100	Avg	%RSD
1)	IR	Bromochloromethane...	----------ISTD----------									
2)	T	Propene	0.842	0.800	0.902	0.823	0.950	0.863	0.913	0.898	0.874	5.82
3)	T	Dichlorodifluo...	1.868	1.774	1.939	1.755	1.640	1.705	1.561	1.460	1.713	9.18
4)	T	Chloromethane	1.146	1.035	1.256	1.124	0.968	1.172	0.986	0.705	1.049	16.21
5)	T	1,2-Dichloro-1...	0.963	0.928	1.080	0.984	0.899	0.939	0.906	0.869	0.946	6.90
6)	T	Vinyl Chloride	1.038	1.018	1.222	1.118	1.063	1.113	1.064	1.021	1.082	6.28
7)	T	1,3-Butadiene	0.655	0.587	0.798	0.732	0.741	0.830	0.796	0.763	0.738	10.96
8)	T	Bromomethane	0.812	0.813	0.967	0.910	0.792	0.905	0.843	0.800	0.855	7.51
9)	T	Chloroethane	0.653	0.577	0.685	0.652	0.617	0.648	0.608	0.567	0.626	6.52
10)	T	Ethanol	0.641	0.622	0.674	0.607	0.566	0.596	0.536	0.467	0.589	11.04
11)	T	Acetonitrile	1.085	1.233	1.494	1.420	1.377	1.472	1.353	1.260	1.337	10.26
12)	T	Acrolein	0.237	0.333	0.516	0.496	0.534	0.583	0.543	0.510	0.469	25.41
13)	T	Acetone	0.709	0.689	0.717	0.674	0.620	0.630	0.553	0.470	0.633	13.49
14)	T	Trichlorofluor...	1.693	1.590	1.750	1.622	1.506	1.581	1.465	1.387	1.574	7.57
15)	T	2-Propanol (Is...	1.842	1.935	2.149	2.039	1.620	1.981	1.490	1.125	1.773	19.18
16)	T	Acrylonitrile			1.087	1.090	1.096	1.199	1.106	1.036	1.103	4.82
17)	T	1,1-Dichloroet...	0.981	0.954	1.044	0.979	0.925	0.982	0.913	0.863	0.955	5.74
18)	T	2-Methyl-2-Pro...	2.106	1.995	2.327	2.168	2.049	2.135	1.905	1.057	1.968	19.75
19)	T	Methylene Chlo...	0.921	0.937	1.064	0.977	0.949	1.007	0.924	0.863	0.955	6.38
20)	T	3-Chloro-1-pro...	1.102	1.219	1.290	1.210	1.197	1.248	1.120	1.036	1.178	7.16
21)	T	Trichlorotrifl...	0.977	0.964	1.041	0.974	0.900	0.948	0.884	0.834	0.940	6.91
22)	T	Carbon Disulfide	3.373	3.322	3.701	3.448	3.440	3.564	3.239	2.930	3.377	6.81
23)	T	trans-1,2-Dich...	0.932	1.011	1.268	1.216	1.197	1.295	1.199	1.119	1.155	10.92
24)	T	1,1-Dichloroet...	1.586	1.515	1.688	1.589	1.497	1.593	1.460	1.347	1.534	6.76
25)	T	Methyl tert-Bu...	2.584	2.492	2.914	2.688	2.532	2.713	2.538	2.394	2.607	6.18
26)	T	Vinyl Acetate	0.133	0.165	0.218	0.212	0.220	0.237	0.213	0.186	0.198	17.41
27)	T	2-Butanone (MEK)			0.596	0.590	0.612	0.670	0.623	0.579	0.612	5.29
28)	T	cis-1,2-Dichlo...	1.069	1.092	1.287	1.220	1.165	1.242	1.144	1.063	1.160	7.21
29)	T	Diisopropyl Ether	0.964	0.950	0.958	0.843	0.786	0.796	0.707	0.616	0.827	15.34
30)	T	Ethyl Acetate			0.316	0.315	0.312	0.322	0.275	0.223	0.294	13.13
31)	T	n-Hexane	1.600	1.532	1.672	1.551	1.436	1.420	1.203	0.971	1.423	16.26
32)	T	Chloroform	1.715	1.615	1.764	1.637	1.548	1.623	1.498	1.401	1.600	7.28
33)	S	1,2-Dichloroet...	1.251	1.261	1.255	1.259	1.251	1.251	1.242	1.225	1.249	0.93
34)	T	Tetrahydrofura...	0.552	0.539	0.636	0.619	0.586	0.639	0.589	0.545	0.588	6.89
35)	T	Ethyl tert-But...	1.064	1.074	1.248	1.154	1.103	1.174	1.092	1.010	1.115	6.67
36)	T	1,2-Dichloroet...	1.085	1.064	1.181	1.108	1.050	1.125	1.037	0.986	1.080	5.53
37)	IR	1,4-Difluorobenzen...	----------ISTD----------									
38)	T	1,1,1-Trichlor...	0.352	0.322	0.366	0.341	0.319	0.339	0.314	0.299	0.331	6.61
39)	T	Isopropyl Acetate	0.106	0.126	0.145	0.136	0.130	0.135	0.119	0.102	0.125	12.09
40)	T	1-Butanol			0.157	0.163	0.182	0.212	0.190	0.168	0.179	11.46
41)	T	Benzene	0.957	0.916	1.024	0.937	0.885	0.917	0.835	0.765	0.905	8.67
42)	T	Carbon Tetrach...	0.294	0.297	0.336	0.312	0.297	0.321	0.298	0.285	0.305	5.42
43)	T	Cyclohexane	0.383	0.357	0.404	0.370	0.347	0.355	0.319	0.281	0.352	10.80
44)	T	tert-Amyl Meth...	0.611	0.584	0.666	0.622	0.597	0.633	0.582	0.539	0.604	6.29
45)	T	1,2-Dichloropr...	0.223	0.204	0.234	0.220	0.205	0.218	0.199	0.182	0.211	7.75
46)	T	Bromodichlorom...	0.299	0.271	0.313	0.296	0.281	0.305	0.279	0.261	0.288	6.22
47)	T	Trichloroethene	0.280	0.260	0.294	0.273	0.256	0.273	0.255	0.239	0.266	6.45
48)	T	1,4-Dioxane	0.156	0.168	0.189	0.185	0.173	0.196	0.180	0.163	0.176	7.79
49)	T	2,2,4-Trimethy...	0.960	0.904	0.990	0.904	0.850	0.872	0.782	0.695	0.870	10.96
50)	T	Methyl Methacr...			0.089	0.090	0.090	0.101	0.093	0.085	0.091	5.93
51)	T	n-Heptane	0.244	0.220	0.252	0.232	0.216	0.228	0.208	0.190	0.224	8.85
52)	T	cis-1,3-Dichlo...	0.276	0.304	0.370	0.354	0.355	0.392	0.360	0.333	0.343	10.88
53)	T	4-Methyl-2-pen...			0.181	0.180	0.184	0.200	0.181	0.163	0.181	6.51
54)	T	trans-1,3-Dich...			0.294	0.291	0.310	0.351	0.327	0.307	0.313	7.11

55)	T	1,1,2-Trichlor...	0.210	0.213	0.248	0.232	0.219	0.238	0.219	0.204	0.223	6.73
56)	IR	Chlorobenzene-d5 (...	----------ISTD----------									
57)	S	Toluene-d8 (SS2)	2.593	2.599	2.592	2.577	2.565	2.561	2.573	2.566	2.578	0.56
58)	T	Toluene	2.529	2.275	2.557	2.325	2.173	2.241	2.057	1.867	2.253	10.18
59)	T	2-Hexanone			0.821	0.769	0.858	0.971	0.880	0.786	0.848	8.66
60)	T	Dibromochlorom...	0.577	0.581	0.645	0.622	0.627	0.681	0.641	0.607	0.623	5.53
61)	T	1,2-Dibromoethane	0.495	0.539	0.638	0.606	0.595	0.650	0.608	0.570	0.588	8.73
62)	T	n-Butyl Acetate			0.865	0.873	0.929	1.075	0.973	0.865	0.930	8.94
63)	T	n-Octane	0.427	0.407	0.465	0.436	0.406	0.424	0.381	0.337	0.410	9.38
64)	T	Tetrachloroethene	0.762	0.711	0.788	0.729	0.678	0.712	0.669	0.626	0.709	7.33
65)	T	Chlorobenzene	1.712	1.609	1.745	1.600	1.515	1.585	1.809	1.354	1.616	8.85
66)	T	Ethylbenzene	2.640	2.485	2.759	2.540	2.443	2.531	2.325	2.107	2.479	7.99
67)	T	m- & p-Xylenes	2.095	1.987	2.185	2.003	1.926	1.985	1.811	1.619	1.951	8.90
68)	T	Bromoform	0.441	0.466	0.535	0.515	0.532	0.603	0.572	0.547	0.527	10.01
69)	T	Styrene	1.491	1.315	1.615	1.558	1.573	1.681	1.549	1.413	1.524	7.63
70)	T	o-Xylene	2.046	1.987	2.181	2.010	1.924	1.969	1.805	1.622	1.943	8.63
71)	T	n-Nonane	0.903	0.861	0.957	0.884	0.859	0.866	0.759	0.645	0.842	11.49
72)	T	1,1,2,2-Tetrac...	0.958	0.884	1.020	0.949	0.917	0.954	0.865	0.765	0.914	8.41
73)	S	Bromofluoroben...	0.882	0.880	0.886	0.879	0.888	0.900	0.904	0.909	0.891	1.30
74)	T	Cumene	2.732	2.541	2.846	2.627	2.510	2.585	2.346	2.106	2.537	9.02
75)	T	alpha-Pinene	1.300	1.216	1.406	1.316	1.301	1.343	1.236	1.108	1.278	7.11
76)	T	n-Propylbenzene	3.051	2.995	3.291	3.048	2.947	3.035	2.737	2.433	2.942	8.68
77)	T	3-Ethyltoluene	2.446	2.442	2.627	2.513	2.472	2.517	2.367	2.173	2.445	5.43
78)	T	4-Ethyltoluene	2.512	2.404	2.779	2.522	2.426	2.594	2.275	1.971	2.435	9.80
79)	T	1,3,5-Trimethy...	2.311	2.194	2.432	2.224	2.103	2.168	1.979	1.793	2.150	9.16
80)	T	alpha-Methylst...	1.085	1.108	1.234	1.175	1.179	1.259	1.155	1.039	1.154	6.45
81)	T	2-Ethyltoluene	2.643	2.508	2.826	2.578	2.461	2.515	2.284	2.049	2.483	9.42
82)	T	1,2,4-Trimethy...	2.180	2.136	2.308	2.189	2.096	2.129	1.877	1.622	2.067	10.50
83)	T	n-Decane	1.022	1.005	1.147	1.066	1.037	1.021	0.880	0.725	0.988	13.09
84)	T	Benzyl Chloride	1.051	1.241	1.432	1.445	1.639	1.880	1.709	1.515	1.489	17.64
85)	T	1,3-Dichlorobe...	1.263	1.305	1.367	1.300	1.267	1.352	1.237	1.117	1.276	6.11
86)	T	1,4-Dichlorobe...	1.449	1.385	1.423	1.326	1.278	1.371	1.272	1.169	1.334	6.91
87)	T	sec-Butylbenzene	3.099	2.938	3.177	2.961	2.848	2.894	2.599	2.298	2.852	9.90
88)	T	4-Isopropyltol...	2.932	2.732	2.963	2.761	2.666	2.635	2.290	1.914	2.612	13.39
89)	T	1,2,3-Trimethy...	2.151	2.149	2.389	2.201	2.106	2.130	1.879	1.617	2.078	11.18
90)	T	1,2-Dichlorobe...	1.349	1.322	1.357	1.283	1.241	1.302	1.183	1.048	1.261	8.19
91)	T	d-Limonene	0.730	0.748	0.859	0.794	0.780	0.787	0.689	0.572	0.745	11.50
92)	T	1,2-Dibromo-3-...	0.344	0.371	0.428	0.427	0.455	0.516	0.485	0.462	0.436	13.02
93)	T	n-Undecane	1.072	1.013	1.107	1.055	1.055	1.064	0.934	0.793	1.012	10.11
94)	T	1,2,4-Trichlor...	0.848	0.910	0.832	0.860	0.910	1.047	0.976	0.907	0.911	7.81
95)	T	Naphthalene	2.376	2.668	2.387	2.463	2.729	3.141	2.889	2.583	2.655	9.95
96)	T	n-Dodecane	0.945	1.028	0.986	1.004	1.035	1.035	0.905	0.763	0.963	9.65
97)	T	Hexachlorobuta...	0.700	0.681	0.667	0.636	0.609	0.648	0.606	0.570	0.640	6.75
98)	T	Cyclohexanone	0.558	0.635	0.667	0.644	0.660	0.742	0.679	0.618	0.651	8.14
99)	T	tert-Butylbenzene	2.264	2.157	2.395	2.223	2.111	2.104	1.848	1.587	2.086	12.25
100)	T	n-Butylbenzene	2.139	2.147	2.361	2.228	2.185	2.269	2.026	1.792	2.143	8.08

(#) = Out of Range

R9061120.M Fri Jun 12 13:28:49 2020

Evaluate Continuing Calibration Report

Data File : I:\MS09\Data\2020 06\16\06162002.D Vial: 2
Acq On : 16 Jun 2020 5:01 Operator: SC
Sample : CCV R9061620 25ng Inst : MS09
Misc : S34-05292009/S34-06112003 (7/10)

TD 6/16/20

Quant Time: Jun 16 07:57:32 2020
Quant Method : I:\MS09\Methods\R9061120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Jun 11 21:23:59 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	114	-0.02
2	T	Propene	0.874	0.732	16.2	96	-0.02
3	T	Dichlorodifluoromethane (CF	1.713	1.436	16.2	96	-0.01
4	T	Chloromethane	1.049	0.946	9.8	92	-0.02
5	T	1,2-Dichloro-1,1,2,2-tetraf	0.946	0.814	14.0	99	-0.01
6	T	Vinyl Chloride	1.082	0.910	15.9	93	-0.02
7	T	1,3-Butadiene	0.738	0.668	9.5	92	-0.02
8	T	Bromomethane	0.855	0.779	8.9	98	-0.02
9	T	Chloroethane	0.626	0.541	13.6	95	-0.02
10	T	Ethanol	0.589	0.489	17.0	93	-0.06
11	T	Acetonitrile	1.337	1.192	10.8	92	-0.04
12	T	Acrolein	0.469	0.478	-1.9	93	-0.02
13	T	Acetone	0.633	0.523	17.4	94	-0.03
14	T	Trichlorofluoromethane	1.574	1.348	14.4	97	-0.01
15	T	2-Propanol (Isopropanol)	1.773	1.538	13.3	88	-0.04
16	T	Acrylonitrile	1.103	0.995	9.8	94	-0.03
17	T	1,1-Dichloroethene	0.955	0.851	10.9	98	-0.02
18	T	2-Methyl-2-Propanol (tert-B	1.968	1.787	9.2	95	-0.04
19	T	Methylene Chloride	0.955	0.858	10.2	97	-0.02
20	T	3-Chloro-1-propene (Allyl C	1.178	1.003	14.9	91	-0.02
21	T	Trichlorotrifluoroethane	0.940	0.835	11.2	100	-0.01
22	T	Carbon Disulfide	3.377	3.024	10.5	96	-0.01
23	T	trans-1,2-Dichloroethene	1.155	1.085	6.1	95	-0.02
24	T	1,1-Dichloroethane	1.534	1.335	13.0	95	-0.02
25	T	Methyl tert-Butyl Ether	2.607	2.297	11.9	96	-0.01
26	T	Vinyl Acetate	0.198	0.202	-2.0	97	-0.03
27	T	2-Butanone (MEK)	0.612	0.566	7.5	96	-0.02
28	T	cis-1,2-Dichloroethene	1.160	1.044	10.0	96	-0.02
29	T	Diisopropyl Ether	0.827	0.680	17.8	97	-0.01
30	T	Ethyl Acetate	0.294	0.268	8.8	95	-0.02
31	T	n-Hexane	1.423	1.180	17.1	94	0.00
32	T	Chloroform	1.600	1.386	13.4	97	-0.03
33	S	1,2-Dichloroethane-d4(SS1)	1.249	1.211	3.0	110	-0.02
34	T	Tetrahydrofuran (THF)	0.588	0.539	8.3	96	-0.01
35	T	Ethyl tert-Butyl Ether	1.115	1.009	9.5	98	-0.01
36	T	1,2-Dichloroethane	1.080	0.945	12.5	95	-0.02
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	113	-0.02
38	T	1,1,1-Trichloroethane	0.331	0.292	11.8	97	-0.01
39	T	Isopropyl Acetate	0.125	0.113	9.6	95	-0.01
40	T	1-Butanol	0.179	0.176	1.7	93	-0.04
41	T	Benzene	0.905	0.793	12.4	97	-0.02
42	T	Carbon Tetrachloride	0.305	0.275	9.8	97	-0.01
43	T	Cyclohexane	0.352	0.305	13.4	97	-0.01
44	T	tert-Amyl Methyl Ether	0.604	0.544	9.9	97	-0.01
45	T	1,2-Dichloropropane	0.211	0.184	12.8	95	-0.01
46	T	Bromodichloromethane	0.288	0.261	9.4	96	-0.01
47	T	Trichloroethene	0.266	0.242	9.0	99	-0.01
48	T	1,4-Dioxane	0.176	0.169	4.0	97	-0.01
49	T	2,2,4-Trimethylpentane (Iso	0.870	0.734	15.6	95	0.00
50	T	Methyl Methacrylate	0.091	0.088	3.3	99	-0.01
51	T	n-Heptane	0.224	0.195	12.9	96	0.00
52	T	cis-1,3-Dichloropropene	0.343	0.334	2.6	96	0.00
53	T	4-Methyl-2-pentanone	0.181	0.167	7.7	94	-0.01
54	T	trans-1,3-Dichloropropene	0.313	0.299	4.5	96	0.00
55	T	1,1,2-Trichloroethane	0.223	0.205	8.1	97	-0.01

Evaluate Continuing Calibration Report

Data File : I:\MS09\Data\2020 06\16\06162002.D Vial: 2
Acq On : 16 Jun 2020 5:01 Operator: SC
Sample : CCV R9061620 25ng Inst : MS09
Misc : S34-05292009/S34-06112003 (7/10)

Quant Time: Jun 16 07:57:32 2020
Quant Method : I:\MS09\Methods\R9061120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Jun 11 21:23:59 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
56	IR	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	112	0.00
57	S	Toluene-d8 (SS2)	2.578	2.566	0.5	112	0.00
58	T	Toluene	2.253	1.956	13.2	98	-0.01
59	T	2-Hexanone	0.848	0.809	4.6	94	-0.01
60	T	Dibromochloromethane	0.623	0.592	5.0	98	0.00
61	T	1,2-Dibromoethane	0.588	0.565	3.9	98	-0.01
62	T	n-Butyl Acetate	0.930	0.888	4.5	93	0.00
63	T	n-Octane	0.410	0.357	12.9	94	-0.01
64	T	Tetrachloroethene	0.709	0.635	10.4	100	0.00
65	T	Chlorobenzene	1.616	1.385	14.3	98	0.00
66	T	Ethylbenzene	2.479	2.204	11.1	98	0.00
67	T	m- & p-Xylenes	1.951	1.728	11.4	98	-0.01
68	T	Bromoform	0.527	0.534	-1.3	99	-0.01
69	T	Styrene	1.524	1.453	4.7	97	0.00
70	T	o-Xylene	1.943	1.720	11.5	98	-0.01
71	T	n-Nonane	0.842	0.718	14.7	93	0.00
72	T	1,1,2,2-Tetrachloroethane	0.914	0.818	10.5	96	0.00
73	S	Bromofluorobenzene (SS3)	0.891	0.935	-4.9	117	0.00
74	T	Cumene	2.537	2.248	11.4	98	0.00
75	T	alpha-Pinene	1.278	1.163	9.0	97	0.00
76	T	n-Propylbenzene	2.942	2.626	10.7	97	0.00
77	T	3-Ethyltoluene	2.445	2.179	10.9	97	-0.01
78	T	4-Ethyltoluene	2.435	2.255	7.4	98	-0.01
79	T	1,3,5-Trimethylbenzene	2.150	1.890	12.1	98	0.00
80	T	alpha-Methylstyrene	1.154	1.071	7.2	96	0.00
81	T	2-Ethyltoluene	2.483	2.184	12.0	98	0.00
82	T	1,2,4-Trimethylbenzene	2.067	1.833	11.3	97	-0.01
83	T	n-Decane	0.988	0.856	13.4	94	0.00
84	T	Benzyl Chloride	1.489	1.594	-7.1	95	-0.01
85	T	1,3-Dichlorobenzene	1.276	1.174	8.0	97	-0.01
86	T	1,4-Dichlorobenzene	1.334	1.188	10.9	97	0.00
87	T	sec-Butylbenzene	2.852	2.506	12.1	97	0.00
88	T	4-Isopropyltoluene (p-Cymen	2.612	2.292	12.3	98	0.00
89	T	1,2,3-Trimethylbenzene	2.078	1.844	11.3	97	0.00
90	T	1,2-Dichlorobenzene	1.261	1.138	9.8	98	0.00
91	T	d-Limonene	0.745	0.665	10.7	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.436	0.451	-3.4	98	0.00
93	T	n-Undecane	1.012	0.891	12.0	94	0.00
94	T	1,2,4-Trichlorobenzene	0.911	0.902	1.0	97	0.00
95	T	Naphthalene	2.655	2.658	-0.1	95	0.00
96	T	n-Dodecane	0.963	0.861	10.6	93	0.00
97	T	Hexachlorobutadiene	0.640	0.571	10.8	99	0.00
98	T	Cyclohexanone	0.651	0.616	5.4	93	-0.02
99	T	tert-Butylbenzene	2.086	1.830	12.3	98	-0.01
100	T	n-Butylbenzene	2.143	1.941	9.4	96	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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LABORATORY REPORT

June 19, 2020

Eyal Shvartz
Dr. Katz Technologies & Enterprises (KTE)
HaMeginim Ave. 53
Haifa, ISR-HA 33265

RE: Tel Hashomer / KTE-51-20-Simi

Dear Eyal:

Enclosed are the results of the samples submitted to our laboratory on June 5, 2020. For your reference, these analyses have been assigned our service request number P2003112.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Sue Anderson at 3:30 pm, Jun 19, 2020

Sue Anderson
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request No: P2003112
Project: Tel Hashomer / KTE-51-20-Simi

CASE NARRATIVE

The samples were received intact under chain of custody on June 5, 2020 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

A sample duplicate was not performed because there was insufficient volume to run on any of the samples in this delivery group. In lieu of a sample duplicate, the laboratory control sample and duplicate laboratory control sample have been reported.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.1 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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www.alsglobal.com

ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-007
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request: P2003112

Project ID: Tel Hashomer / KTE-51-20-Simi

Date Received: 6/5/2020

Time Received: 09:15

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pfl (psig)	TO-15 - VOC Cans
SG 32	P2003112-001	Air	6/2/2020	10:42	1SC00727	-2.85	6.55	X
SG 135	P2003112-002	Air	6/2/2020	11:12	1SC00895	-1.99	5.58	X
SG 64	P2003112-003	Air	6/2/2020	11:33	1SC00886	-2.03	6.98	X
SG 77	P2003112-004	Air	6/2/2020	12:08	1SS00072	-1.61	5.61	X
SG-89	P2003112-005	Air	6/2/2020	12:55	1SS01052	-2.52	5.61	X
SG-33	P2003112-006	Air	6/2/2020	13:09	1SS00976	-2.41	5.99	X
SG-90	P2003112-007	Air	6/2/2020	13:26	1SC00847	-3.08	7.98	X
SG-81	P2003112-008	Air	6/2/2020	13:50	1SC00005	-1.95	6.96	X

Air - Chain of Custody Record & Analytical Service Request

Page ____ of ____

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Simi Valley, California 93065
Phone (805) 526-7161

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No. R1003112

Company Name & Address (Reporting Information)	Project Name
	Project Number
Project Manager	P.O. # / Billing Information
Phone / Fax	
Email Address for Result Reporting	Sampler (Print & Sign)

ALS Contact:

Analysis Method

Comments e.g. Actual Preservative or specific instructions

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Tests

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ✓

Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) 10% Surcharge ____

EDD required Yes / No

Type: _____ Units: _____

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date: 04/5/10	Time: 915
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Cooler / Blank Temperature ____ °C

ALS Environmental

Sample Acceptance Check Form

Client: Dr. Katz Technologies & Enterprises (KTE) Work order: P2003112

Project: Tel Hashomer / KTE-51-20-Simi

Sample(s) received on: 6/5/20 Date opened: 6/5/20 by: DENISE.POSADA

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2003112-001.01	1.0 L Source Can					
P2003112-002.01	1.0 L Source Can					
P2003112-003.01	1.0 L Source Can					
P2003112-004.01	1.0 L Source Silonite Canister					
P2003112-005.01	1.0 L Source Silonite Canister					
P2003112-006.01	1.0 L Source Silonite Canister					
P2003112-007.01	1.0 L Source Can					
P2003112-008.01	1.0 L Source Can					

Explain any discrepancies: (include lab sample ID numbers): _____

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 32** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-001

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00727

Initial Pressure (psig): -2.85 Final Pressure (psig): 6.55

Canister Dilution Factor: 1.79

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**7.4**	2.4	0.58	**4.3**	1.4	0.34	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.2**	2.4	0.39	**0.44**	0.48	0.079	**J**
74-87-3	Chloromethane	**1.7**	2.4	0.38	**0.82**	1.1	0.19	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.38	2.4	0.38	<0.054	0.34	0.054	
75-01-4	Vinyl Chloride	<0.26	2.4	0.26	<0.10	0.95	0.10	
106-99-0	1,3-Butadiene	<0.39	2.4	0.39	<0.18	1.1	0.18	
74-83-9	Bromomethane	**0.88**	2.4	0.33	**0.23**	0.62	0.085	**J**
75-00-3	Chloroethane	<0.30	2.4	0.30	<0.11	0.92	0.11	
64-17-5	Ethanol	**9,000**	230	17	**4,800**	120	8.8	**D**
75-05-8	Acetonitrile	<0.58	2.4	0.58	<0.35	1.4	0.35	
107-02-8	Acrolein	**18**	4.5	0.67	**7.7**	2.0	0.29	
67-64-1	Acetone	**250**	24	5.4	**110**	10	2.3	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.3**	2.4	0.36	**0.23**	0.42	0.065	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**12**	9.4	0.98	**5.0**	3.8	0.40	
107-13-1	Acrylonitrile	<0.49	2.4	0.49	<0.23	1.1	0.23	
75-35-4	1,1-Dichloroethene	<0.33	2.4	0.33	<0.084	0.61	0.084	
75-09-2	Methylene Chloride	<0.67	2.4	0.67	<0.19	0.68	0.19	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.32	2.4	0.32	<0.10	0.77	0.10	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.49**	2.4	0.34	**0.064**	0.32	0.044	**J**
75-15-0	Carbon Disulfide	**40**	4.9	0.72	**13**	1.6	0.23	
156-60-5	trans-1,2-Dichloroethene	<0.33	2.4	0.33	<0.084	0.61	0.084	
75-34-3	1,1-Dichloroethane	<0.35	2.5	0.35	<0.086	0.61	0.086	
1634-04-4	Methyl tert-Butyl Ether	<0.28	2.4	0.28	<0.078	0.67	0.078	
108-05-4	Vinyl Acetate	**38**	24	5.4	**11**	6.9	1.5	
78-93-3	2-Butanone (MEK)	**41**	4.9	0.49	**14**	1.7	0.17	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
D = The reported result is from a dilution.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **SG 32** ALS Project ID: P2003112

Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-001

Test Code:	EPA TO-15	Date Collected:	6/2/20
Instrument ID:	Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9	Date Received:	6/5/20
Analyst:	Simon Cao	Date Analyzed:	6/16/20
Sample Type:	1.0 L Summa Canister	Volume(s) Analyzed:	0.40 Liter(s)
Test Notes:			0.040 Liter(s)
Container ID:	1SC00727		

Initial Pressure (psig): -2.85 Final Pressure (psig): 6.55

Canister Dilution Factor: 1.79

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.34	2.4	0.34	<0.085	0.60	0.085	
141-78-6	Ethyl Acetate	**170**	4.9	1.3	**47**	1.4	0.35	
110-54-3	n-Hexane	**1.3**	2.4	0.49	**0.36**	0.69	0.14	**J**
67-66-3	Chloroform	**0.65**	2.4	0.32	**0.13**	0.50	0.065	**J**
109-99-9	Tetrahydrofuran (THF)	**3.5**	2.5	0.30	**1.2**	0.83	0.10	
107-06-2	1,2-Dichloroethane	<0.26	2.4	0.26	<0.065	0.60	0.065	
71-55-6	1,1,1-Trichloroethane	<0.30	2.4	0.30	<0.054	0.44	0.054	
71-43-2	Benzene	**3.0**	2.4	0.34	**0.95**	0.74	0.11	
56-23-5	Carbon Tetrachloride	**0.99**	2.4	0.33	**0.16**	0.38	0.053	**J**
110-82-7	Cyclohexane	**1.2**	4.9	0.67	**0.34**	1.4	0.20	**J**
78-87-5	1,2-Dichloropropane	<0.30	2.4	0.30	<0.064	0.52	0.064	
75-27-4	Bromodichloromethane	<0.34	2.4	0.34	<0.051	0.36	0.051	
79-01-6	Trichloroethene	**0.47**	2.4	0.32	**0.087**	0.45	0.060	**J**
123-91-1	1,4-Dioxane	**1.9**	2.4	0.28	**0.52**	0.67	0.078	**J**
80-62-6	Methyl Methacrylate	<0.85	4.9	0.85	<0.21	1.2	0.21	
142-82-5	n-Heptane	**1.3**	2.4	0.38	**0.31**	0.59	0.093	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.37	2.3	0.37	<0.082	0.51	0.082	
108-10-1	4-Methyl-2-pentanone	**1.6**	2.4	0.33	**0.39**	0.58	0.080	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.49	2.4	0.49	<0.11	0.52	0.11	
79-00-5	1,1,2-Trichloroethane	<0.24	2.4	0.24	<0.044	0.44	0.044	
108-88-3	Toluene	**11**	2.4	0.29	**2.9**	0.64	0.077	
591-78-6	2-Hexanone	**3.8**	2.4	0.30	**0.92**	0.59	0.072	
124-48-1	Dibromochloromethane	<0.31	2.4	0.31	<0.037	0.28	0.037	
106-93-4	1,2-Dibromoethane	<0.28	2.4	0.28	<0.036	0.31	0.036	
123-86-4	n-Butyl Acetate	**10**	2.5	0.33	**2.2**	0.52	0.069	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 32** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-001

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00727

Initial Pressure (psig): -2.85 Final Pressure (psig): 6.55

Canister Dilution Factor: 1.79

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**2.0**	2.4	0.54	**0.43**	0.52	0.11	**J**
127-18-4	Tetrachloroethene	**7.6**	2.3	0.31	**1.1**	0.34	0.046	
108-90-7	Chlorobenzene	<0.32	2.4	0.32	<0.069	0.52	0.069	
100-41-4	Ethylbenzene	**2.8**	2.4	0.34	**0.66**	0.56	0.077	
179601-23-1	m,p-Xylenes	**10**	4.9	0.63	**2.3**	1.1	0.14	
75-25-2	Bromoform	<0.49	2.4	0.49	<0.048	0.23	0.048	
100-42-5	Styrene	**0.72**	2.4	0.38	**0.17**	0.56	0.090	**J**
95-47-6	o-Xylene	**4.1**	2.4	0.34	**0.95**	0.56	0.079	
111-84-2	n-Nonane	**3.0**	2.4	0.40	**0.57**	0.46	0.076	
79-34-5	1,1,2,2-Tetrachloroethane	<0.33	2.4	0.33	<0.048	0.35	0.048	
98-82-8	Cumene	**4.4**	2.4	0.34	**0.89**	0.49	0.070	
80-56-8	alpha-Pinene	<0.37	2.4	0.37	<0.066	0.43	0.066	
103-65-1	n-Propylbenzene	**0.57**	2.4	0.34	**0.12**	0.49	0.070	**J**
622-96-8	4-Ethyltoluene	**0.88**	2.4	0.38	**0.18**	0.49	0.077	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.59**	2.4	0.34	**0.12**	0.48	0.070	**J**
95-63-6	1,2,4-Trimethylbenzene	**3.1**	2.4	0.33	**0.62**	0.49	0.067	
100-44-7	Benzyl Chloride	**0.81**	4.9	0.54	**0.16**	0.95	0.10	**J**
541-73-1	1,3-Dichlorobenzene	<0.36	2.4	0.36	<0.060	0.40	0.060	
106-46-7	1,4-Dichlorobenzene	<0.37	2.4	0.37	<0.061	0.40	0.061	
95-50-1	1,2-Dichlorobenzene	<0.35	2.4	0.35	<0.059	0.40	0.059	
5989-27-5	d-Limonene	**2.8**	2.4	0.49	**0.51**	0.43	0.088	
96-12-8	1,2-Dibromo-3-chloropropane	<0.45	2.4	0.45	<0.046	0.25	0.046	
120-82-1	1,2,4-Trichlorobenzene	<0.58	2.4	0.58	<0.078	0.33	0.078	
91-20-3	Naphthalene	**2.0**	2.3	0.58	**0.39**	0.44	0.11	**J**
87-68-3	Hexachlorobutadiene	<0.49	2.4	0.49	<0.046	0.22	0.046	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 135** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-002

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00895

Initial Pressure (psig): -1.99 Final Pressure (psig): 5.58

Canister Dilution Factor: 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**6.0**	2.1	0.52	**3.5**	1.2	0.30	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	2.1	0.35	**0.48**	0.43	0.070	
74-87-3	Chloromethane	<0.34	2.1	0.34	<0.17	1.0	0.17	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.34	2.1	0.34	<0.048	0.30	0.048	
75-01-4	Vinyl Chloride	<0.23	2.2	0.23	<0.089	0.85	0.089	
106-99-0	1,3-Butadiene	<0.35	2.1	0.35	<0.16	0.96	0.16	
74-83-9	Bromomethane	<0.30	2.2	0.30	<0.076	0.56	0.076	
75-00-3	Chloroethane	<0.26	2.2	0.26	<0.10	0.82	0.10	
64-17-5	Ethanol	**1,100**	21	1.5	**600**	11	0.79	
75-05-8	Acetonitrile	<0.52	2.1	0.52	<0.31	1.3	0.31	
107-02-8	Acrolein	**6.4**	4.0	0.60	**2.8**	1.7	0.26	
67-64-1	Acetone	**61**	21	4.8	**26**	8.9	2.0	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.4**	2.1	0.32	**0.24**	0.38	0.058	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**4.2**	8.4	0.88	**1.7**	3.4	0.36	**J**
107-13-1	Acrylonitrile	<0.44	2.1	0.44	<0.20	0.98	0.20	
75-35-4	1,1-Dichloroethene	<0.30	2.2	0.30	<0.075	0.55	0.075	
75-09-2	Methylene Chloride	**1.0**	2.1	0.60	**0.29**	0.61	0.17	**J**
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.29	2.2	0.29	<0.092	0.69	0.092	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.53**	2.2	0.30	**0.069**	0.28	0.040	**J**
75-15-0	Carbon Disulfide	**4.5**	4.4	0.64	**1.4**	1.4	0.21	
156-60-5	trans-1,2-Dichloroethene	<0.30	2.2	0.30	<0.075	0.55	0.075	
75-34-3	1,1-Dichloroethane	<0.31	2.2	0.31	<0.077	0.54	0.077	
1634-04-4	Methyl tert-Butyl Ether	<0.25	2.2	0.25	<0.070	0.60	0.070	
108-05-4	Vinyl Acetate	**16**	22	4.8	**4.5**	6.1	1.4	**J**
78-93-3	2-Butanone (MEK)	**9.9**	4.4	0.44	**3.4**	1.5	0.15	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 135** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-002

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00895

Initial Pressure (psig): -1.99 Final Pressure (psig): 5.58

Canister Dilution Factor: 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.30	2.1	0.30	<0.076	0.53	0.076	
141-78-6	Ethyl Acetate	**13**	4.4	1.1	**3.6**	1.2	0.31	
110-54-3	n-Hexane	**0.92**	2.2	0.44	**0.26**	0.61	0.12	**J**
67-66-3	Chloroform	**7.0**	2.2	0.28	**1.4**	0.44	0.058	
109-99-9	Tetrahydrofuran (THF)	**0.80**	2.2	0.27	**0.27**	0.75	0.091	**J**
107-06-2	1,2-Dichloroethane	<0.24	2.2	0.24	<0.058	0.53	0.058	
71-55-6	1,1,1-Trichloroethane	<0.26	2.2	0.26	<0.048	0.40	0.048	
71-43-2	Benzene	**0.86**	2.1	0.31	**0.27**	0.66	0.096	**J**
56-23-5	Carbon Tetrachloride	**1.1**	2.1	0.30	**0.18**	0.34	0.047	**J**
110-82-7	Cyclohexane	<0.60	4.4	0.60	<0.17	1.3	0.17	
78-87-5	1,2-Dichloropropane	<0.26	2.2	0.26	<0.057	0.47	0.057	
75-27-4	Bromodichloromethane	<0.31	2.2	0.31	<0.046	0.32	0.046	
79-01-6	Trichloroethene	**0.70**	2.2	0.29	**0.13**	0.40	0.054	**J**
123-91-1	1,4-Dioxane	<0.25	2.2	0.25	<0.070	0.60	0.070	
80-62-6	Methyl Methacrylate	**2.3**	4.4	0.76	**0.56**	1.1	0.19	**J**
142-82-5	n-Heptane	**1.2**	2.2	0.34	**0.29**	0.53	0.083	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.33	2.1	0.33	<0.073	0.46	0.073	
108-10-1	4-Methyl-2-pentanone	**1.3**	2.1	0.29	**0.33**	0.52	0.071	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.44	2.1	0.44	<0.097	0.47	0.097	
79-00-5	1,1,2-Trichloroethane	<0.22	2.2	0.22	<0.040	0.40	0.040	
108-88-3	Toluene	**49**	2.2	0.26	**13**	0.57	0.069	
591-78-6	2-Hexanone	**1.8**	2.2	0.26	**0.45**	0.53	0.064	**J**
124-48-1	Dibromochloromethane	<0.28	2.2	0.28	<0.033	0.25	0.033	
106-93-4	1,2-Dibromoethane	<0.25	2.2	0.25	<0.032	0.28	0.032	
123-86-4	n-Butyl Acetate	**1.1**	2.2	0.29	**0.24**	0.46	0.061	**J**

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 135** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-002

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00895

Initial Pressure (psig): -1.99 Final Pressure (psig): 5.58

Canister Dilution Factor: 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**1.8**	2.2	0.48	**0.39**	0.46	0.10	**J**
127-18-4	Tetrachloroethene	**11**	2.1	0.28	**1.6**	0.31	0.041	
108-90-7	Chlorobenzene	<0.28	2.2	0.28	<0.062	0.47	0.062	
100-41-4	Ethylbenzene	**2.5**	2.2	0.30	**0.57**	0.50	0.069	
179601-23-1	m,p-Xylenes	**9.7**	4.4	0.56	**2.2**	1.0	0.13	
75-25-2	Bromoform	<0.44	2.2	0.44	<0.043	0.21	0.043	
100-42-5	Styrene	**0.93**	2.1	0.34	**0.22**	0.50	0.081	**J**
95-47-6	o-Xylene	**3.4**	2.2	0.31	**0.79**	0.50	0.071	
111-84-2	n-Nonane	**1.3**	2.2	0.36	**0.26**	0.41	0.068	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.30	2.2	0.30	<0.043	0.31	0.043	
98-82-8	Cumene	<0.31	2.2	0.31	<0.063	0.44	0.063	
80-56-8	alpha-Pinene	**0.60**	2.2	0.33	**0.11**	0.39	0.059	**J**
103-65-1	n-Propylbenzene	**0.59**	2.2	0.31	**0.12**	0.44	0.063	**J**
622-96-8	4-Ethyltoluene	**1.2**	2.2	0.34	**0.24**	0.44	0.069	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.86**	2.1	0.31	**0.18**	0.43	0.063	**J**
95-63-6	1,2,4-Trimethylbenzene	**4.5**	2.2	0.30	**0.92**	0.44	0.060	
100-44-7	Benzyl Chloride	<0.48	4.4	0.48	<0.093	0.85	0.093	
541-73-1	1,3-Dichlorobenzene	<0.32	2.2	0.32	<0.053	0.36	0.053	
106-46-7	1,4-Dichlorobenzene	<0.33	2.2	0.33	<0.055	0.36	0.055	
95-50-1	1,2-Dichlorobenzene	<0.32	2.2	0.32	<0.053	0.36	0.053	
5989-27-5	d-Limonene	**3.4**	2.2	0.44	**0.61**	0.39	0.079	
96-12-8	1,2-Dibromo-3-chloropropane	<0.40	2.1	0.40	<0.041	0.22	0.041	
120-82-1	1,2,4-Trichlorobenzene	<0.52	2.2	0.52	<0.070	0.29	0.070	
91-20-3	Naphthalene	**1.1**	2.1	0.52	**0.21**	0.40	0.099	**J**
87-68-3	Hexachlorobutadiene	<0.44	2.1	0.44	<0.041	0.20	0.041	

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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 64** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-003

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00886

Initial Pressure (psig): -2.03 Final Pressure (psig): 6.98

Canister Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**7.4**	2.3	0.56	**4.3**	1.3	0.32	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	2.3	0.37	**0.47**	0.46	0.075	
74-87-3	Chloromethane	**1.2**	2.3	0.37	**0.59**	1.1	0.18	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.36	2.3	0.36	<0.051	0.32	0.051	
75-01-4	Vinyl Chloride	<0.24	2.3	0.24	<0.095	0.90	0.095	
106-99-0	1,3-Butadiene	<0.38	2.3	0.38	<0.17	1.0	0.17	
74-83-9	Bromomethane	<0.32	2.3	0.32	<0.082	0.59	0.082	
75-00-3	Chloroethane	<0.28	2.3	0.28	<0.11	0.88	0.11	
64-17-5	Ethanol	**1,200**	22	1.6	**650**	12	0.84	
75-05-8	Acetonitrile	<0.56	2.3	0.56	<0.33	1.4	0.33	
107-02-8	Acrolein	**9.5**	4.3	0.64	**4.1**	1.9	0.28	
67-64-1	Acetone	**190**	23	5.1	**79**	9.5	2.2	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.3**	2.3	0.35	**0.23**	0.40	0.062	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**6.8**	9.0	0.94	**2.8**	3.7	0.38	**J**
107-13-1	Acrylonitrile	<0.47	2.3	0.47	<0.22	1.0	0.22	
75-35-4	1,1-Dichloroethene	<0.32	2.3	0.32	<0.080	0.58	0.080	
75-09-2	Methylene Chloride	<0.64	2.3	0.64	<0.18	0.65	0.18	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.31	2.3	0.31	<0.098	0.74	0.098	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.53**	2.3	0.32	**0.069**	0.30	0.042	**J**
75-15-0	Carbon Disulfide	**22**	4.7	0.68	**7.0**	1.5	0.22	
156-60-5	trans-1,2-Dichloroethene	<0.32	2.3	0.32	<0.080	0.58	0.080	
75-34-3	1,1-Dichloroethane	<0.33	2.4	0.33	<0.082	0.58	0.082	
1634-04-4	Methyl tert-Butyl Ether	<0.27	2.3	0.27	<0.075	0.64	0.075	
108-05-4	Vinyl Acetate	**40**	23	5.1	**11**	6.6	1.5	
78-93-3	2-Butanone (MEK)	**22**	4.7	0.47	**7.4**	1.6	0.16	

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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 64** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-003

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00886

Initial Pressure (psig): -2.03 Final Pressure (psig): 6.98

Canister Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.32	2.3	0.32	<0.081	0.57	0.081	
141-78-6	Ethyl Acetate	**98**	4.7	1.2	**27**	1.3	0.33	
110-54-3	n-Hexane	**1.1**	2.3	0.47	**0.33**	0.66	0.13	**J**
67-66-3	Chloroform	**2.6**	2.3	0.30	**0.54**	0.47	0.062	
109-99-9	Tetrahydrofuran (THF)	**1.1**	2.4	0.29	**0.37**	0.80	0.097	**J**
107-06-2	1,2-Dichloroethane	<0.25	2.3	0.25	<0.062	0.57	0.062	
71-55-6	1,1,1-Trichloroethane	<0.28	2.3	0.28	<0.052	0.42	0.052	
71-43-2	Benzene	**2.9**	2.3	0.33	**0.92**	0.71	0.10	
56-23-5	Carbon Tetrachloride	**0.50**	2.3	0.32	**0.080**	0.36	0.050	**J**
110-82-7	Cyclohexane	**0.72**	4.7	0.64	**0.21**	1.4	0.19	**J**
78-87-5	1,2-Dichloropropane	<0.28	2.3	0.28	<0.061	0.50	0.061	
75-27-4	Bromodichloromethane	<0.33	2.3	0.33	<0.049	0.34	0.049	
79-01-6	Trichloroethene	**0.86**	2.3	0.31	**0.16**	0.43	0.057	**J**
123-91-1	1,4-Dioxane	**6.7**	2.3	0.27	**1.9**	0.64	0.075	
80-62-6	Methyl Methacrylate	<0.81	4.7	0.81	<0.20	1.1	0.20	
142-82-5	n-Heptane	**1.3**	2.3	0.36	**0.31**	0.56	0.089	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.35	2.2	0.35	<0.078	0.49	0.078	
108-10-1	4-Methyl-2-pentanone	**1.7**	2.3	0.31	**0.40**	0.55	0.076	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.47	2.3	0.47	<0.10	0.50	0.10	
79-00-5	1,1,2-Trichloroethane	<0.23	2.3	0.23	<0.042	0.42	0.042	
108-88-3	Toluene	**10**	2.3	0.28	**2.7**	0.61	0.074	
591-78-6	2-Hexanone	**2.5**	2.3	0.28	**0.61**	0.56	0.069	
124-48-1	Dibromochloromethane	<0.30	2.3	0.30	<0.035	0.27	0.035	
106-93-4	1,2-Dibromoethane	<0.27	2.3	0.27	<0.035	0.30	0.035	
123-86-4	n-Butyl Acetate	**13**	2.4	0.31	**2.7**	0.50	0.066	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 64** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-003

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00886

Initial Pressure (psig): -2.03 Final Pressure (psig): 6.98

Canister Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**1.7**	2.3	0.51	**0.37**	0.49	0.11	**J**
127-18-4	Tetrachloroethene	**2.4**	2.2	0.29	**0.36**	0.33	0.044	
108-90-7	Chlorobenzene	<0.30	2.3	0.30	<0.066	0.50	0.066	
100-41-4	Ethylbenzene	**3.4**	2.3	0.32	**0.79**	0.53	0.074	
179601-23-1	m,p-Xylenes	**13**	4.7	0.60	**2.9**	1.1	0.14	
75-25-2	Bromoform	<0.47	2.3	0.47	<0.045	0.22	0.045	
100-42-5	Styrene	**0.77**	2.3	0.37	**0.18**	0.53	0.086	**J**
95-47-6	o-Xylene	**5.3**	2.3	0.33	**1.2**	0.53	0.076	
111-84-2	n-Nonane	**3.4**	2.3	0.38	**0.66**	0.44	0.073	
79-34-5	1,1,2,2-Tetrachloroethane	<0.32	2.3	0.32	<0.046	0.34	0.046	
98-82-8	Cumene	**4.7**	2.3	0.33	**0.96**	0.47	0.067	
80-56-8	alpha-Pinene	<0.35	2.3	0.35	<0.063	0.41	0.063	
103-65-1	n-Propylbenzene	**0.57**	2.3	0.33	**0.12**	0.47	0.067	**J**
622-96-8	4-Ethyltoluene	**0.89**	2.3	0.36	**0.18**	0.47	0.074	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.56**	2.3	0.33	**0.11**	0.46	0.067	**J**
95-63-6	1,2,4-Trimethylbenzene	**3.1**	2.3	0.32	**0.64**	0.47	0.064	
100-44-7	Benzyl Chloride	**0.79**	4.7	0.51	**0.15**	0.91	0.099	**J**
541-73-1	1,3-Dichlorobenzene	<0.34	2.3	0.34	<0.057	0.38	0.057	
106-46-7	1,4-Dichlorobenzene	<0.35	2.3	0.35	<0.058	0.38	0.058	
95-50-1	1,2-Dichlorobenzene	<0.34	2.3	0.34	<0.056	0.38	0.056	
5989-27-5	d-Limonene	**4.0**	2.3	0.47	**0.71**	0.41	0.084	
96-12-8	1,2-Dibromo-3-chloropropane	<0.43	2.3	0.43	<0.044	0.23	0.044	
120-82-1	1,2,4-Trichlorobenzene	<0.56	2.3	0.56	<0.075	0.31	0.075	
91-20-3	Naphthalene	**0.88**	2.2	0.56	**0.17**	0.42	0.11	**J**
87-68-3	Hexachlorobutadiene	<0.47	2.3	0.47	<0.044	0.21	0.044	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 77** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-004

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00072

Initial Pressure (psig): -1.61 Final Pressure (psig): 5.61

Canister Dilution Factor: 1.55

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.3**	2.1	0.50	**1.3**	1.2	0.29	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.2**	2.1	0.34	**0.45**	0.42	0.068	
74-87-3	Chloromethane	<0.33	2.1	0.33	<0.16	0.99	0.16	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.33	2.1	0.33	<0.047	0.29	0.047	
75-01-4	Vinyl Chloride	<0.22	2.1	0.22	<0.086	0.82	0.086	
106-99-0	1,3-Butadiene	<0.34	2.1	0.34	<0.15	0.93	0.15	
74-83-9	Bromomethane	<0.29	2.1	0.29	<0.074	0.54	0.074	
75-00-3	Chloroethane	<0.26	2.1	0.26	<0.097	0.79	0.097	
64-17-5	Ethanol	**750**	20	1.4	**400**	11	0.76	
75-05-8	Acetonitrile	<0.50	2.1	0.50	<0.30	1.2	0.30	
107-02-8	Acrolein	**2.5**	3.9	0.58	**1.1**	1.7	0.25	**J**
67-64-1	Acetone	**36**	21	4.7	**15**	8.6	2.0	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.3**	2.1	0.31	**0.23**	0.37	0.056	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.8**	8.1	0.85	**0.74**	3.3	0.35	**J**
107-13-1	Acrylonitrile	<0.43	2.1	0.43	<0.20	0.95	0.20	
75-35-4	1,1-Dichloroethene	<0.29	2.1	0.29	<0.072	0.53	0.072	
75-09-2	Methylene Chloride	<0.58	2.1	0.58	<0.17	0.59	0.17	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.28	2.1	0.28	<0.089	0.67	0.089	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.49**	2.1	0.29	**0.064**	0.27	0.038	**J**
75-15-0	Carbon Disulfide	**7.0**	4.3	0.62	**2.3**	1.4	0.20	
156-60-5	trans-1,2-Dichloroethene	<0.29	2.1	0.29	<0.072	0.53	0.072	
75-34-3	1,1-Dichloroethane	<0.30	2.1	0.30	<0.075	0.53	0.075	
1634-04-4	Methyl tert-Butyl Ether	<0.24	2.1	0.24	<0.068	0.58	0.068	
108-05-4	Vinyl Acetate	<4.7	21	4.7	<1.3	5.9	1.3	
78-93-3	2-Butanone (MEK)	**3.7**	4.3	0.43	**1.2**	1.4	0.14	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 77** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-004

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00072

Initial Pressure (psig): -1.61 Final Pressure (psig): 5.61

Canister Dilution Factor: 1.55

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.29	2.1	0.29	<0.073	0.52	0.073	
141-78-6	Ethyl Acetate	**19**	4.3	1.1	**5.3**	1.2	0.30	
110-54-3	n-Hexane	**0.50**	2.1	0.43	**0.14**	0.59	0.12	**J**
67-66-3	Chloroform	**0.61**	2.1	0.28	**0.12**	0.43	0.056	**J**
109-99-9	Tetrahydrofuran (THF)	<0.26	2.1	0.26	<0.088	0.72	0.088	
107-06-2	1,2-Dichloroethane	<0.23	2.1	0.23	<0.057	0.52	0.057	
71-55-6	1,1,1-Trichloroethane	<0.26	2.1	0.26	<0.047	0.38	0.047	
71-43-2	Benzene	**0.42**	2.1	0.30	**0.13**	0.64	0.093	**J**
56-23-5	Carbon Tetrachloride	**1.1**	2.1	0.29	**0.17**	0.33	0.046	**J**
110-82-7	Cyclohexane	<0.58	4.3	0.58	<0.17	1.2	0.17	
78-87-5	1,2-Dichloropropane	<0.26	2.1	0.26	<0.055	0.45	0.055	
75-27-4	Bromodichloromethane	<0.30	2.1	0.30	<0.045	0.31	0.045	
79-01-6	Trichloroethene	**0.41**	2.1	0.28	**0.077**	0.39	0.052	**J**
123-91-1	1,4-Dioxane	**0.34**	2.1	0.24	**0.095**	0.58	0.068	**J**
80-62-6	Methyl Methacrylate	<0.74	4.3	0.74	<0.18	1.0	0.18	
142-82-5	n-Heptane	**0.60**	2.1	0.33	**0.15**	0.51	0.080	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.32	2.0	0.32	<0.071	0.44	0.071	
108-10-1	4-Methyl-2-pentanone	**0.90**	2.1	0.28	**0.22**	0.50	0.069	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.43	2.1	0.43	<0.094	0.45	0.094	
79-00-5	1,1,2-Trichloroethane	<0.21	2.1	0.21	<0.038	0.38	0.038	
108-88-3	Toluene	**13**	2.1	0.25	**3.5**	0.56	0.067	
591-78-6	2-Hexanone	<0.26	2.1	0.26	<0.062	0.51	0.062	
124-48-1	Dibromochloromethane	<0.27	2.1	0.27	<0.032	0.25	0.032	
106-93-4	1,2-Dibromoethane	<0.24	2.1	0.24	<0.031	0.27	0.031	
123-86-4	n-Butyl Acetate	<0.28	2.1	0.28	<0.060	0.45	0.060	

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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 77** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-004

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00072

Initial Pressure (psig): -1.61 Final Pressure (psig): 5.61

Canister Dilution Factor: 1.55

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**0.78**	2.1	0.47	**0.17**	0.45	0.10	**J**
127-18-4	Tetrachloroethene	**88**	2.0	0.27	**13**	0.30	0.039	
108-90-7	Chlorobenzene	<0.28	2.1	0.28	<0.060	0.45	0.060	
100-41-4	Ethylbenzene	**1.9**	2.1	0.29	**0.43**	0.48	0.067	**J**
179601-23-1	m,p-Xylenes	**6.6**	4.3	0.54	**1.5**	0.98	0.12	
75-25-2	Bromoform	<0.43	2.1	0.43	<0.041	0.20	0.041	
100-42-5	Styrene	**1.0**	2.1	0.33	**0.24**	0.48	0.078	**J**
95-47-6	o-Xylene	**2.8**	2.1	0.30	**0.65**	0.48	0.069	
111-84-2	n-Nonane	**1.4**	2.1	0.34	**0.28**	0.40	0.066	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.29	2.1	0.29	<0.042	0.30	0.042	
98-82-8	Cumene	<0.30	2.1	0.30	<0.061	0.43	0.061	
80-56-8	alpha-Pinene	<0.32	2.1	0.32	<0.057	0.38	0.057	
103-65-1	n-Propylbenzene	**0.38**	2.1	0.30	**0.078**	0.43	0.061	**J**
622-96-8	4-Ethyltoluene	**0.69**	2.1	0.33	**0.14**	0.43	0.067	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.43**	2.1	0.30	**0.088**	0.42	0.061	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.5**	2.1	0.29	**0.51**	0.43	0.058	
100-44-7	Benzyl Chloride	<0.47	4.3	0.47	<0.090	0.82	0.090	
541-73-1	1,3-Dichlorobenzene	<0.31	2.1	0.31	<0.052	0.35	0.052	
106-46-7	1,4-Dichlorobenzene	<0.32	2.1	0.32	<0.053	0.35	0.053	
95-50-1	1,2-Dichlorobenzene	<0.31	2.1	0.31	<0.051	0.35	0.051	
5989-27-5	d-Limonene	**1.5**	2.1	0.43	**0.27**	0.38	0.077	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.39	2.1	0.39	<0.040	0.21	0.040	
120-82-1	1,2,4-Trichlorobenzene	<0.50	2.1	0.50	<0.068	0.28	0.068	
91-20-3	Naphthalene	**0.76**	2.0	0.50	**0.14**	0.38	0.096	**J**
87-68-3	Hexachlorobutadiene	<0.43	2.1	0.43	<0.040	0.19	0.040	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-89** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-005

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01052

Initial Pressure (psig): -2.52 Final Pressure (psig): 5.61

Canister Dilution Factor: 1.67

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**6.0**	2.2	0.54	**3.5**	1.3	0.32	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	2.2	0.36	**0.43**	0.45	0.073	**J**
74-87-3	Chloromethane	**0.38**	2.2	0.36	**0.18**	1.1	0.17	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.35	2.2	0.35	<0.050	0.32	0.050	
75-01-4	Vinyl Chloride	<0.24	2.3	0.24	<0.093	0.88	0.093	
106-99-0	1,3-Butadiene	<0.37	2.2	0.37	<0.17	1.0	0.17	
74-83-9	Bromomethane	<0.31	2.3	0.31	<0.080	0.58	0.080	
75-00-3	Chloroethane	<0.28	2.3	0.28	<0.10	0.85	0.10	
64-17-5	Ethanol	**470**	22	1.5	**250**	12	0.82	
75-05-8	Acetonitrile	<0.54	2.2	0.54	<0.32	1.3	0.32	
107-02-8	Acrolein	**3.3**	4.2	0.63	**1.5**	1.8	0.27	**J**
67-64-1	Acetone	**60**	22	5.0	**25**	9.3	2.1	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.3**	2.2	0.34	**0.23**	0.39	0.060	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.6**	8.8	0.92	**1.5**	3.6	0.37	**J**
107-13-1	Acrylonitrile	<0.46	2.2	0.46	<0.21	1.0	0.21	
75-35-4	1,1-Dichloroethene	<0.31	2.3	0.31	<0.078	0.57	0.078	
75-09-2	Methylene Chloride	<0.63	2.2	0.63	<0.18	0.64	0.18	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.30	2.3	0.30	<0.096	0.72	0.096	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.46**	2.3	0.32	**0.060**	0.29	0.041	**J**
75-15-0	Carbon Disulfide	**38**	4.6	0.67	**12**	1.5	0.21	
156-60-5	trans-1,2-Dichloroethene	<0.31	2.3	0.31	<0.078	0.57	0.078	
75-34-3	1,1-Dichloroethane	<0.33	2.3	0.33	<0.080	0.57	0.080	
1634-04-4	Methyl tert-Butyl Ether	<0.26	2.3	0.26	<0.073	0.63	0.073	
108-05-4	Vinyl Acetate	**17**	23	5.0	**4.7**	6.4	1.4	**J**
78-93-3	2-Butanone (MEK)	**7.4**	4.6	0.46	**2.5**	1.6	0.16	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-89** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-005

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01052

Initial Pressure (psig): -2.52 Final Pressure (psig): 5.61

Canister Dilution Factor: 1.67

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.31	2.2	0.31	<0.079	0.56	0.079	
141-78-6	Ethyl Acetate	**13**	4.6	1.2	**3.7**	1.3	0.32	
110-54-3	n-Hexane	<0.46	2.3	0.46	<0.13	0.64	0.13	
67-66-3	Chloroform	**5.0**	2.3	0.30	**1.0**	0.46	0.061	
109-99-9	Tetrahydrofuran (THF)	**0.66**	2.3	0.28	**0.22**	0.78	0.095	**J**
107-06-2	1,2-Dichloroethane	<0.25	2.3	0.25	<0.061	0.56	0.061	
71-55-6	1,1,1-Trichloroethane	<0.28	2.3	0.28	<0.051	0.41	0.051	
71-43-2	Benzene	**1.5**	2.2	0.32	**0.48**	0.69	0.10	**J**
56-23-5	Carbon Tetrachloride	**2.7**	2.2	0.31	**0.42**	0.35	0.049	
110-82-7	Cyclohexane	<0.63	4.6	0.63	<0.18	1.3	0.18	
78-87-5	1,2-Dichloropropane	<0.28	2.3	0.28	<0.060	0.49	0.060	
75-27-4	Bromodichloromethane	**0.60**	2.3	0.32	**0.089**	0.34	0.048	**J**
79-01-6	Trichloroethene	**0.87**	2.3	0.30	**0.16**	0.42	0.056	**J**
123-91-1	1,4-Dioxane	**0.94**	2.3	0.26	**0.26**	0.63	0.073	**J**
80-62-6	Methyl Methacrylate	<0.79	4.6	0.79	<0.19	1.1	0.19	
142-82-5	n-Heptane	**0.68**	2.3	0.35	**0.17**	0.55	0.087	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.35	2.2	0.35	<0.076	0.48	0.076	
108-10-1	4-Methyl-2-pentanone	**0.81**	2.2	0.30	**0.20**	0.54	0.074	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.46	2.2	0.46	<0.10	0.49	0.10	
79-00-5	1,1,2-Trichloroethane	<0.23	2.3	0.23	<0.041	0.41	0.041	
108-88-3	Toluene	**5.1**	2.3	0.27	**1.4**	0.60	0.072	
591-78-6	2-Hexanone	**1.3**	2.3	0.28	**0.31**	0.55	0.067	**J**
124-48-1	Dibromochloromethane	<0.29	2.3	0.29	<0.034	0.26	0.034	
106-93-4	1,2-Dibromoethane	<0.26	2.3	0.26	<0.034	0.29	0.034	
123-86-4	n-Butyl Acetate	**11**	2.3	0.30	**2.4**	0.48	0.064	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-89** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-005

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01052

Initial Pressure (psig): -2.52 Final Pressure (psig): 5.61

Canister Dilution Factor: 1.67

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**1.2**	2.3	0.50	**0.26**	0.48	0.11	**J**
127-18-4	Tetrachloroethene	**77**	2.2	0.29	**11**	0.32	0.042	
108-90-7	Chlorobenzene	<0.30	2.3	0.30	<0.064	0.49	0.064	
100-41-4	Ethylbenzene	**4.1**	2.3	0.31	**0.94**	0.52	0.072	
179601-23-1	m,p-Xylenes	**14**	4.6	0.58	**3.2**	1.1	0.13	
75-25-2	Bromoform	<0.46	2.3	0.46	<0.044	0.22	0.044	
100-42-5	Styrene	**1.6**	2.2	0.36	**0.39**	0.52	0.084	**J**
95-47-6	o-Xylene	**6.1**	2.3	0.32	**1.4**	0.52	0.074	
111-84-2	n-Nonane	**3.0**	2.3	0.37	**0.57**	0.43	0.071	
79-34-5	1,1,2,2-Tetrachloroethane	<0.31	2.3	0.31	<0.045	0.33	0.045	
98-82-8	Cumene	**2.3**	2.3	0.32	**0.47**	0.46	0.065	
80-56-8	alpha-Pinene	<0.34	2.3	0.34	<0.061	0.40	0.061	
103-65-1	n-Propylbenzene	**0.46**	2.3	0.32	**0.093**	0.46	0.065	**J**
622-96-8	4-Ethyltoluene	**0.75**	2.3	0.35	**0.15**	0.46	0.072	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.46**	2.2	0.32	**0.093**	0.45	0.065	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.6**	2.3	0.31	**0.52**	0.46	0.063	
100-44-7	Benzyl Chloride	<0.50	4.6	0.50	<0.097	0.89	0.097	
541-73-1	1,3-Dichlorobenzene	<0.33	2.3	0.33	<0.056	0.38	0.056	
106-46-7	1,4-Dichlorobenzene	<0.34	2.3	0.34	<0.057	0.38	0.057	
95-50-1	1,2-Dichlorobenzene	<0.33	2.3	0.33	<0.055	0.38	0.055	
5989-27-5	d-Limonene	**2.2**	2.3	0.46	**0.39**	0.40	0.082	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.42	2.2	0.42	<0.043	0.23	0.043	
120-82-1	1,2,4-Trichlorobenzene	<0.54	2.3	0.54	<0.073	0.30	0.073	
91-20-3	Naphthalene	**0.78**	2.2	0.54	**0.15**	0.41	0.10	**J**
87-68-3	Hexachlorobutadiene	<0.46	2.2	0.46	<0.043	0.21	0.043	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-33** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-006

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00976

Initial Pressure (psig): -2.41 Final Pressure (psig): 5.99

Canister Dilution Factor: 1.68

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.1**	2.2	0.55	**1.2**	1.3	0.32	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.2**	2.2	0.37	**0.44**	0.45	0.074	**J**
74-87-3	Chloromethane	**0.92**	2.2	0.36	**0.45**	1.1	0.17	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.35	2.2	0.35	<0.050	0.32	0.050	
75-01-4	Vinyl Chloride	<0.24	2.3	0.24	<0.094	0.89	0.094	
106-99-0	1,3-Butadiene	<0.37	2.2	0.37	<0.17	1.0	0.17	
74-83-9	Bromomethane	<0.31	2.3	0.31	<0.080	0.58	0.080	
75-00-3	Chloroethane	<0.28	2.3	0.28	<0.11	0.86	0.11	
64-17-5	Ethanol	**370**	22	1.6	**200**	12	0.83	
75-05-8	Acetonitrile	**0.79**	2.2	0.55	**0.47**	1.3	0.33	**J**
107-02-8	Acrolein	**8.6**	4.2	0.63	**3.8**	1.8	0.27	
67-64-1	Acetone	**23**	22	5.0	**9.7**	9.4	2.1	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.1**	2.2	0.34	**0.19**	0.40	0.061	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.1**	8.8	0.92	**0.44**	3.6	0.38	**J**
107-13-1	Acrylonitrile	<0.46	2.2	0.46	<0.21	1.0	0.21	
75-35-4	1,1-Dichloroethene	<0.31	2.3	0.31	<0.078	0.57	0.078	
75-09-2	Methylene Chloride	<0.63	2.2	0.63	<0.18	0.64	0.18	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.30	2.3	0.30	<0.097	0.72	0.097	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.45**	2.3	0.32	**0.058**	0.30	0.042	**J**
75-15-0	Carbon Disulfide	**53**	4.6	0.67	**17**	1.5	0.22	
156-60-5	trans-1,2-Dichloroethene	<0.31	2.3	0.31	<0.078	0.57	0.078	
75-34-3	1,1-Dichloroethane	<0.33	2.3	0.33	<0.081	0.57	0.081	
1634-04-4	Methyl tert-Butyl Ether	<0.26	2.3	0.26	<0.073	0.63	0.073	
108-05-4	Vinyl Acetate	<5.0	23	5.0	<1.4	6.4	1.4	
78-93-3	2-Butanone (MEK)	**16**	4.6	0.46	**5.5**	1.6	0.16	

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MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-33** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-006

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00976

Initial Pressure (psig): -2.41 Final Pressure (psig): 5.99

Canister Dilution Factor: 1.68

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.32	2.2	0.32	<0.079	0.56	0.079	
141-78-6	Ethyl Acetate	**8.0**	4.6	1.2	**2.2**	1.3	0.33	
110-54-3	n-Hexane	<0.46	2.3	0.46	<0.13	0.64	0.13	
67-66-3	Chloroform	<0.30	2.3	0.30	<0.061	0.46	0.061	
109-99-9	Tetrahydrofuran (THF)	**1.1**	2.3	0.28	**0.38**	0.78	0.095	**J**
107-06-2	1,2-Dichloroethane	<0.25	2.3	0.25	<0.061	0.56	0.061	
71-55-6	1,1,1-Trichloroethane	<0.28	2.3	0.28	<0.051	0.42	0.051	
71-43-2	Benzene	**0.89**	2.2	0.32	**0.28**	0.70	0.10	**J**
56-23-5	Carbon Tetrachloride	**0.41**	2.2	0.31	**0.065**	0.35	0.049	**J**
110-82-7	Cyclohexane	<0.63	4.6	0.63	<0.18	1.3	0.18	
78-87-5	1,2-Dichloropropane	<0.28	2.3	0.28	<0.060	0.49	0.060	
75-27-4	Bromodichloromethane	<0.32	2.3	0.32	<0.048	0.34	0.048	
79-01-6	Trichloroethene	<0.30	2.3	0.30	<0.056	0.42	0.056	
123-91-1	1,4-Dioxane	**22**	2.3	0.26	**6.1**	0.63	0.073	
80-62-6	Methyl Methacrylate	<0.80	4.6	0.80	<0.19	1.1	0.19	
142-82-5	n-Heptane	**1.1**	2.3	0.36	**0.26**	0.55	0.087	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.35	2.2	0.35	<0.077	0.48	0.077	
108-10-1	4-Methyl-2-pentanone	**0.44**	2.2	0.31	**0.11**	0.54	0.075	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.46	2.2	0.46	<0.10	0.49	0.10	
79-00-5	1,1,2-Trichloroethane	<0.23	2.3	0.23	<0.042	0.42	0.042	
108-88-3	Toluene	**13**	2.3	0.27	**3.4**	0.60	0.072	
591-78-6	2-Hexanone	**4.0**	2.3	0.28	**0.99**	0.55	0.068	
124-48-1	Dibromochloromethane	<0.29	2.3	0.29	<0.035	0.27	0.035	
106-93-4	1,2-Dibromoethane	<0.26	2.3	0.26	<0.034	0.30	0.034	
123-86-4	n-Butyl Acetate	**0.50**	2.3	0.31	**0.11**	0.49	0.065	**J**

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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-33** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-006

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00976

Initial Pressure (psig): -2.41 Final Pressure (psig): 5.99

Canister Dilution Factor: 1.68

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**11**	2.3	0.50	**2.3**	0.49	0.11	
127-18-4	Tetrachloroethene	**1.2**	2.2	0.29	**0.18**	0.32	0.043	**J**
108-90-7	Chlorobenzene	<0.30	2.3	0.30	<0.065	0.49	0.065	
100-41-4	Ethylbenzene	**2.0**	2.3	0.32	**0.46**	0.52	0.073	**J**
179601-23-1	m,p-Xylenes	**6.6**	4.6	0.59	**1.5**	1.1	0.14	
75-25-2	Bromoform	<0.46	2.3	0.46	<0.045	0.22	0.045	
100-42-5	Styrene	**0.56**	2.2	0.36	**0.13**	0.52	0.085	**J**
95-47-6	o-Xylene	**3.4**	2.3	0.32	**0.77**	0.52	0.074	
111-84-2	n-Nonane	**2.6**	2.3	0.37	**0.50**	0.43	0.071	
79-34-5	1,1,2,2-Tetrachloroethane	<0.31	2.3	0.31	<0.045	0.33	0.045	
98-82-8	Cumene	<0.32	2.3	0.32	<0.066	0.46	0.066	
80-56-8	alpha-Pinene	**8.8**	2.3	0.34	**1.6**	0.41	0.062	
103-65-1	n-Propylbenzene	**0.32**	2.3	0.32	**0.066**	0.46	0.066	**J**
622-96-8	4-Ethyltoluene	**0.44**	2.3	0.36	**0.089**	0.46	0.073	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.35**	2.2	0.32	**0.072**	0.45	0.066	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.5**	2.3	0.31	**0.30**	0.46	0.063	**J**
100-44-7	Benzyl Chloride	<0.50	4.6	0.50	<0.097	0.89	0.097	
541-73-1	1,3-Dichlorobenzene	<0.34	2.3	0.34	<0.056	0.38	0.056	
106-46-7	1,4-Dichlorobenzene	<0.34	2.3	0.34	<0.057	0.38	0.057	
95-50-1	1,2-Dichlorobenzene	<0.33	2.3	0.33	<0.055	0.38	0.055	
5989-27-5	d-Limonene	**33**	2.3	0.46	**6.0**	0.41	0.083	
96-12-8	1,2-Dibromo-3-chloropropane	<0.42	2.2	0.42	<0.043	0.23	0.043	
120-82-1	1,2,4-Trichlorobenzene	<0.55	2.3	0.55	<0.074	0.31	0.074	
91-20-3	Naphthalene	<0.55	2.2	0.55	<0.10	0.42	0.10	
87-68-3	Hexachlorobutadiene	<0.46	2.2	0.46	<0.043	0.21	0.043	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-90** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-007

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00847

Initial Pressure (psig): -3.08 Final Pressure (psig): 7.98

Canister Dilution Factor: 1.95

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.8**	2.6	0.63	**1.6**	1.5	0.37	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.6**	2.6	0.42	**0.53**	0.52	0.086	
74-87-3	Chloromethane	**0.55**	2.6	0.42	**0.27**	1.3	0.20	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.41	2.6	0.41	<0.059	0.37	0.059	
75-01-4	Vinyl Chloride	<0.28	2.6	0.28	<0.11	1.0	0.11	
106-99-0	1,3-Butadiene	<0.43	2.6	0.43	<0.19	1.2	0.19	
74-83-9	Bromomethane	<0.36	2.6	0.36	<0.093	0.68	0.093	
75-00-3	Chloroethane	<0.32	2.6	0.32	<0.12	1.0	0.12	
64-17-5	Ethanol	**340**	25	1.8	**180**	13	0.96	
75-05-8	Acetonitrile	**1.1**	2.6	0.63	**0.64**	1.5	0.38	**J**
107-02-8	Acrolein	**6.9**	4.9	0.73	**3.0**	2.1	0.32	
67-64-1	Acetone	**55**	26	5.9	**23**	11	2.5	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.4**	2.6	0.39	**0.25**	0.46	0.070	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**4.4**	10	1.1	**1.8**	4.2	0.44	**J**
107-13-1	Acrylonitrile	<0.54	2.6	0.54	<0.25	1.2	0.25	
75-35-4	1,1-Dichloroethene	<0.36	2.6	0.36	<0.091	0.66	0.091	
75-09-2	Methylene Chloride	<0.73	2.6	0.73	<0.21	0.74	0.21	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.35	2.6	0.35	<0.11	0.84	0.11	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.47**	2.6	0.37	**0.062**	0.34	0.048	**J**
75-15-0	Carbon Disulfide	**28**	5.4	0.78	**9.0**	1.7	0.25	
156-60-5	trans-1,2-Dichloroethene	<0.36	2.6	0.36	<0.091	0.66	0.091	
75-34-3	1,1-Dichloroethane	<0.38	2.7	0.38	<0.094	0.66	0.094	
1634-04-4	Methyl tert-Butyl Ether	<0.31	2.6	0.31	<0.085	0.73	0.085	
108-05-4	Vinyl Acetate	**37**	26	5.9	**10**	7.5	1.7	
78-93-3	2-Butanone (MEK)	**15**	5.4	0.54	**4.9**	1.8	0.18	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-90** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-007

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00847

Initial Pressure (psig): -3.08 Final Pressure (psig): 7.98

Canister Dilution Factor: 1.95

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.37	2.6	0.37	<0.092	0.65	0.092	
141-78-6	Ethyl Acetate	**29**	5.4	1.4	**8.1**	1.5	0.38	
110-54-3	n-Hexane	**0.63**	2.6	0.54	**0.18**	0.75	0.15	**J**
67-66-3	Chloroform	**18**	2.6	0.35	**3.7**	0.54	0.071	
109-99-9	Tetrahydrofuran (THF)	**0.50**	2.7	0.33	**0.17**	0.91	0.11	**J**
107-06-2	1,2-Dichloroethane	<0.29	2.6	0.29	<0.071	0.65	0.071	
71-55-6	1,1,1-Trichloroethane	<0.32	2.6	0.32	<0.059	0.48	0.059	
71-43-2	Benzene	**1.5**	2.6	0.38	**0.47**	0.81	0.12	**J**
56-23-5	Carbon Tetrachloride	**8.7**	2.6	0.36	**1.4**	0.41	0.057	
110-82-7	Cyclohexane	<0.73	5.4	0.73	<0.21	1.6	0.21	
78-87-5	1,2-Dichloropropane	<0.32	2.6	0.32	<0.070	0.57	0.070	
75-27-4	Bromodichloromethane	**6.6**	2.6	0.38	**0.98**	0.39	0.056	
79-01-6	Trichloroethene	<0.35	2.6	0.35	<0.065	0.49	0.065	
123-91-1	1,4-Dioxane	**0.92**	2.6	0.31	**0.25**	0.73	0.085	**J**
80-62-6	Methyl Methacrylate	<0.93	5.4	0.93	<0.23	1.3	0.23	
142-82-5	n-Heptane	**1.1**	2.6	0.41	**0.27**	0.64	0.10	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.40	2.5	0.40	<0.089	0.56	0.089	
108-10-1	4-Methyl-2-pentanone	**0.63**	2.6	0.36	**0.15**	0.63	0.087	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.54	2.6	0.54	<0.12	0.57	0.12	
79-00-5	1,1,2-Trichloroethane	<0.26	2.6	0.26	<0.048	0.48	0.048	
108-88-3	Toluene	**2.4**	2.6	0.32	**0.63**	0.70	0.084	**J**
591-78-6	2-Hexanone	**1.8**	2.6	0.32	**0.44**	0.64	0.079	**J**
124-48-1	Dibromochloromethane	<0.34	2.6	0.34	<0.040	0.31	0.040	
106-93-4	1,2-Dibromoethane	<0.30	2.6	0.30	<0.039	0.34	0.039	
123-86-4	n-Butyl Acetate	**13**	2.7	0.36	**2.8**	0.56	0.075	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-90** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-007

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00847

Initial Pressure (psig): -3.08 Final Pressure (psig): 7.98

Canister Dilution Factor: 1.95

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**0.85**	2.6	0.59	**0.18**	0.56	0.13	**J**
127-18-4	Tetrachloroethene	**760**	25	3.4	**110**	3.7	0.50	**D**
108-90-7	Chlorobenzene	<0.35	2.6	0.35	<0.075	0.57	0.075	
100-41-4	Ethylbenzene	**0.49**	2.6	0.37	**0.11**	0.61	0.084	**J**
179601-23-1	m,p-Xylenes	**1.5**	5.4	0.68	**0.34**	1.2	0.16	**J**
75-25-2	Bromoform	<0.54	2.6	0.54	<0.052	0.25	0.052	
100-42-5	Styrene	**0.69**	2.6	0.42	**0.16**	0.61	0.099	**J**
95-47-6	o-Xylene	**0.66**	2.6	0.38	**0.15**	0.61	0.086	**J**
111-84-2	n-Nonane	**0.74**	2.6	0.43	**0.14**	0.50	0.083	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.36	2.6	0.36	<0.053	0.38	0.053	
98-82-8	Cumene	**2.2**	2.6	0.38	**0.44**	0.54	0.076	**J**
80-56-8	alpha-Pinene	<0.40	2.6	0.40	<0.072	0.47	0.072	
103-65-1	n-Propylbenzene	<0.38	2.6	0.38	<0.076	0.54	0.076	
622-96-8	4-Ethyltoluene	<0.41	2.6	0.41	<0.084	0.54	0.084	
108-67-8	1,3,5-Trimethylbenzene	<0.38	2.6	0.38	<0.076	0.53	0.076	
95-63-6	1,2,4-Trimethylbenzene	**0.88**	2.6	0.36	**0.18**	0.54	0.073	**J**
100-44-7	Benzyl Chloride	<0.59	5.4	0.59	<0.11	1.0	0.11	
541-73-1	1,3-Dichlorobenzene	<0.39	2.6	0.39	<0.065	0.44	0.065	
106-46-7	1,4-Dichlorobenzene	<0.40	2.6	0.40	<0.067	0.44	0.067	
95-50-1	1,2-Dichlorobenzene	<0.39	2.6	0.39	<0.064	0.44	0.064	
5989-27-5	d-Limonene	**2.0**	2.6	0.54	**0.35**	0.47	0.096	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.49	2.6	0.49	<0.050	0.27	0.050	
120-82-1	1,2,4-Trichlorobenzene	<0.63	2.6	0.63	<0.085	0.35	0.085	
91-20-3	Naphthalene	**0.77**	2.5	0.63	**0.15**	0.48	0.12	**J**
87-68-3	Hexachlorobutadiene	<0.54	2.6	0.54	<0.050	0.24	0.050	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-81** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-008

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00005

Initial Pressure (psig): -1.95 Final Pressure (psig): 6.96

Canister Dilution Factor: 1.70

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.0**	2.3	0.55	**1.2**	1.3	0.32	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	2.3	0.37	**0.46**	0.46	0.075	
74-87-3	Chloromethane	**0.83**	2.3	0.37	**0.40**	1.1	0.18	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.36	2.3	0.36	<0.051	0.32	0.051	
75-01-4	Vinyl Chloride	<0.24	2.3	0.24	<0.095	0.90	0.095	
106-99-0	1,3-Butadiene	<0.37	2.3	0.37	<0.17	1.0	0.17	
74-83-9	Bromomethane	<0.31	2.3	0.31	<0.081	0.59	0.081	
75-00-3	Chloroethane	<0.28	2.3	0.28	<0.11	0.87	0.11	
64-17-5	Ethanol	**480**	22	1.6	**250**	12	0.83	
75-05-8	Acetonitrile	<0.55	2.3	0.55	<0.33	1.3	0.33	
107-02-8	Acrolein	**3.8**	4.3	0.64	**1.7**	1.9	0.28	**J**
67-64-1	Acetone	**33**	23	5.1	**14**	9.5	2.1	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.2**	2.3	0.34	**0.22**	0.40	0.061	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.9**	8.9	0.94	**0.79**	3.6	0.38	**J**
107-13-1	Acrylonitrile	<0.47	2.3	0.47	<0.22	1.0	0.22	
75-35-4	1,1-Dichloroethene	<0.31	2.3	0.31	<0.079	0.58	0.079	
75-09-2	Methylene Chloride	<0.64	2.3	0.64	<0.18	0.65	0.18	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.31	2.3	0.31	<0.098	0.73	0.098	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.44**	2.3	0.32	**0.058**	0.30	0.042	**J**
75-15-0	Carbon Disulfide	**2.7**	4.7	0.68	**0.87**	1.5	0.22	**J**
156-60-5	trans-1,2-Dichloroethene	<0.31	2.3	0.31	<0.079	0.58	0.079	
75-34-3	1,1-Dichloroethane	<0.33	2.3	0.33	<0.082	0.58	0.082	
1634-04-4	Methyl tert-Butyl Ether	<0.27	2.3	0.27	<0.074	0.64	0.074	
108-05-4	Vinyl Acetate	**10**	23	5.1	**2.9**	6.5	1.4	**J**
78-93-3	2-Butanone (MEK)	**9.1**	4.7	0.47	**3.1**	1.6	0.16	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-81** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-008

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00005

Initial Pressure (psig): -1.95 Final Pressure (psig): 6.96

Canister Dilution Factor: 1.70

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.32	2.3	0.32	<0.080	0.57	0.080	
141-78-6	Ethyl Acetate	**16**	4.7	1.2	**4.5**	1.3	0.33	
110-54-3	n-Hexane	**0.86**	2.3	0.47	**0.24**	0.65	0.13	**J**
67-66-3	Chloroform	**5.9**	2.3	0.30	**1.2**	0.47	0.062	
109-99-9	Tetrahydrofuran (THF)	<0.28	2.3	0.28	<0.097	0.79	0.097	
107-06-2	1,2-Dichloroethane	<0.25	2.3	0.25	<0.062	0.57	0.062	
71-55-6	1,1,1-Trichloroethane	<0.28	2.3	0.28	<0.051	0.42	0.051	
71-43-2	Benzene	**0.63**	2.3	0.33	**0.20**	0.71	0.10	**J**
56-23-5	Carbon Tetrachloride	**1.0**	2.3	0.31	**0.16**	0.36	0.050	**J**
110-82-7	Cyclohexane	<0.64	4.7	0.64	<0.19	1.4	0.19	
78-87-5	1,2-Dichloropropane	<0.28	2.3	0.28	<0.061	0.50	0.061	
75-27-4	Bromodichloromethane	**2.1**	2.3	0.33	**0.31**	0.34	0.049	**J**
79-01-6	Trichloroethene	**1.1**	2.3	0.31	**0.21**	0.43	0.057	**J**
123-91-1	1,4-Dioxane	<0.27	2.3	0.27	<0.074	0.64	0.074	
80-62-6	Methyl Methacrylate	**1.8**	4.7	0.81	**0.44**	1.1	0.20	**J**
142-82-5	n-Heptane	**1.1**	2.3	0.36	**0.26**	0.56	0.088	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.35	2.2	0.35	<0.078	0.49	0.078	
108-10-1	4-Methyl-2-pentanone	**0.69**	2.3	0.31	**0.17**	0.55	0.076	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.47	2.3	0.47	<0.10	0.50	0.10	
79-00-5	1,1,2-Trichloroethane	<0.23	2.3	0.23	<0.042	0.42	0.042	
108-88-3	Toluene	**24**	2.3	0.28	**6.5**	0.61	0.073	
591-78-6	2-Hexanone	**3.0**	2.3	0.28	**0.74**	0.56	0.069	
124-48-1	Dibromochloromethane	<0.30	2.3	0.30	<0.035	0.27	0.035	
106-93-4	1,2-Dibromoethane	<0.26	2.3	0.26	<0.034	0.30	0.034	
123-86-4	n-Butyl Acetate	**0.83**	2.3	0.31	**0.17**	0.49	0.065	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-81** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P2003112-008

Test Code: EPA TO-15 Date Collected: 6/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/5/20
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00005

Initial Pressure (psig): -1.95 Final Pressure (psig): 6.96

Canister Dilution Factor: 1.70

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**6.4**	2.3	0.51	**1.4**	0.49	0.11	
127-18-4	Tetrachloroethene	**130**	2.2	0.29	**20**	0.33	0.043	
108-90-7	Chlorobenzene	<0.30	2.3	0.30	<0.066	0.50	0.066	
100-41-4	Ethylbenzene	**1.2**	2.3	0.32	**0.28**	0.53	0.073	**J**
179601-23-1	m,p-Xylenes	**4.1**	4.7	0.60	**0.94**	1.1	0.14	**J**
75-25-2	Bromoform	<0.47	2.3	0.47	<0.045	0.22	0.045	
100-42-5	Styrene	**1.1**	2.3	0.37	**0.26**	0.53	0.086	**J**
95-47-6	o-Xylene	**1.6**	2.3	0.33	**0.37**	0.53	0.075	**J**
111-84-2	n-Nonane	**1.1**	2.3	0.38	**0.21**	0.44	0.072	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.31	2.3	0.31	<0.046	0.33	0.046	
98-82-8	Cumene	<0.33	2.3	0.33	<0.067	0.47	0.067	
80-56-8	alpha-Pinene	**3.1**	2.3	0.35	**0.56**	0.41	0.063	
103-65-1	n-Propylbenzene	**0.44**	2.3	0.33	**0.090**	0.47	0.067	**J**
622-96-8	4-Ethyltoluene	**0.68**	2.3	0.36	**0.14**	0.47	0.074	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.47**	2.3	0.33	**0.095**	0.46	0.067	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.3**	2.3	0.31	**0.47**	0.47	0.064	
100-44-7	Benzyl Chloride	<0.51	4.7	0.51	<0.099	0.90	0.099	
541-73-1	1,3-Dichlorobenzene	<0.34	2.3	0.34	<0.057	0.38	0.057	
106-46-7	1,4-Dichlorobenzene	<0.35	2.3	0.35	<0.058	0.38	0.058	
95-50-1	1,2-Dichlorobenzene	<0.34	2.3	0.34	<0.056	0.38	0.056	
5989-27-5	d-Limonene	**16**	2.3	0.47	**2.9**	0.41	0.084	
96-12-8	1,2-Dibromo-3-chloropropane	<0.43	2.3	0.43	<0.044	0.23	0.044	
120-82-1	1,2,4-Trichlorobenzene	<0.55	2.3	0.55	<0.074	0.31	0.074	
91-20-3	Naphthalene	<0.55	2.2	0.55	<0.11	0.42	0.11	
87-68-3	Hexachlorobutadiene	<0.47	2.3	0.47	<0.044	0.21	0.044	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003112

Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P200616-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA

Analyst: Simon Cao Date Analyzed: 6/16/20

Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.13	0.53	0.13	<0.076	0.31	0.076	
75-71-8	Dichlorodifluoromethane (CFC 12)	<0.087	0.53	0.087	<0.018	0.11	0.018	
74-87-3	Chloromethane	<0.086	0.53	0.086	<0.042	0.26	0.042	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.084	0.53	0.084	<0.012	0.076	0.012	
75-01-4	Vinyl Chloride	<0.057	0.54	0.057	<0.022	0.21	0.022	
106-99-0	1,3-Butadiene	<0.088	0.53	0.088	<0.040	0.24	0.040	
74-83-9	Bromomethane	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-00-3	Chloroethane	<0.066	0.54	0.066	<0.025	0.20	0.025	
64-17-5	Ethanol	<0.37	5.2	0.37	<0.20	2.8	0.20	
75-05-8	Acetonitrile	<0.13	0.53	0.13	<0.077	0.32	0.077	
107-02-8	Acrolein	<0.15	1.0	0.15	<0.065	0.44	0.065	
67-64-1	Acetone	<1.2	5.3	1.2	<0.51	2.2	0.51	
75-69-4	Trichlorofluoromethane (CFC 11)	<0.081	0.53	0.081	<0.014	0.094	0.014	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.22	2.1	0.22	<0.090	0.85	0.090	
107-13-1	Acrylonitrile	<0.11	0.53	0.11	<0.051	0.24	0.051	
75-35-4	1,1-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-09-2	Methylene Chloride	<0.15	0.53	0.15	<0.043	0.15	0.043	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.072	0.54	0.072	<0.023	0.17	0.023	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.076	0.54	0.076	<0.0099	0.070	0.0099	
75-15-0	Carbon Disulfide	<0.16	1.1	0.16	<0.051	0.35	0.051	
156-60-5	trans-1,2-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-34-3	1,1-Dichloroethane	<0.078	0.55	0.078	<0.019	0.14	0.019	
1634-04-4	Methyl tert-Butyl Ether	<0.063	0.54	0.063	<0.017	0.15	0.017	
108-05-4	Vinyl Acetate	<1.2	5.4	1.2	<0.34	1.5	0.34	
78-93-3	2-Butanone (MEK)	<0.11	1.1	0.11	<0.037	0.37	0.037	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003112

Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P200616-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA

Analyst: Simon Cao Date Analyzed: 6/16/20

Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.075	0.53	0.075	<0.019	0.13	0.019	
141-78-6	Ethyl Acetate	<0.28	1.1	0.28	<0.078	0.31	0.078	
110-54-3	n-Hexane	<0.11	0.54	0.11	<0.031	0.15	0.031	
67-66-3	Chloroform	<0.071	0.54	0.071	<0.015	0.11	0.015	
109-99-9	Tetrahydrofuran (THF)	<0.067	0.55	0.067	<0.023	0.19	0.023	
107-06-2	1,2-Dichloroethane	<0.059	0.54	0.059	<0.015	0.13	0.015	
71-55-6	1,1,1-Trichloroethane	<0.066	0.54	0.066	<0.012	0.099	0.012	
71-43-2	Benzene	<0.077	0.53	0.077	<0.024	0.17	0.024	
56-23-5	Carbon Tetrachloride	<0.074	0.53	0.074	<0.012	0.084	0.012	
110-82-7	Cyclohexane	<0.15	1.1	0.15	<0.044	0.32	0.044	
78-87-5	1,2-Dichloropropane	<0.066	0.54	0.066	<0.014	0.12	0.014	
75-27-4	Bromodichloromethane	<0.077	0.54	0.077	<0.011	0.081	0.011	
79-01-6	Trichloroethene	<0.072	0.54	0.072	<0.013	0.10	0.013	
123-91-1	1,4-Dioxane	<0.063	0.54	0.063	<0.017	0.15	0.017	
80-62-6	Methyl Methacrylate	<0.19	1.1	0.19	<0.046	0.27	0.046	
142-82-5	n-Heptane	<0.085	0.54	0.085	<0.021	0.13	0.021	
10061-01-5	cis-1,3-Dichloropropene	<0.083	0.52	0.083	<0.018	0.11	0.018	
108-10-1	4-Methyl-2-pentanone	<0.073	0.53	0.073	<0.018	0.13	0.018	
10061-02-6	trans-1,3-Dichloropropene	<0.11	0.53	0.11	<0.024	0.12	0.024	
79-00-5	1,1,2-Trichloroethane	<0.054	0.54	0.054	<0.0099	0.099	0.0099	
108-88-3	Toluene	<0.065	0.54	0.065	<0.017	0.14	0.017	
591-78-6	2-Hexanone	<0.066	0.54	0.066	<0.016	0.13	0.016	
124-48-1	Dibromochloromethane	<0.070	0.54	0.070	<0.0082	0.063	0.0082	
106-93-4	1,2-Dibromoethane	<0.062	0.54	0.062	<0.0081	0.070	0.0081	
123-86-4	n-Butyl Acetate	<0.073	0.55	0.073	<0.015	0.12	0.015	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003112

Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P200616-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA

Analyst: Simon Cao Date Analyzed: 6/16/20

Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.12	0.54	0.12	<0.026	0.12	0.026	
127-18-4	Tetrachloroethene	<0.069	0.52	0.069	<0.010	0.077	0.010	
108-90-7	Chlorobenzene	<0.071	0.54	0.071	<0.015	0.12	0.015	
100-41-4	Ethylbenzene	<0.075	0.54	0.075	<0.017	0.12	0.017	
179601-23-1	m,p-Xylenes	<0.14	1.1	0.14	<0.032	0.25	0.032	
75-25-2	Bromoform	<0.11	0.54	0.11	<0.011	0.052	0.011	
100-42-5	Styrene	<0.086	0.53	0.086	<0.020	0.12	0.020	
95-47-6	o-Xylene	<0.077	0.54	0.077	<0.018	0.12	0.018	
111-84-2	n-Nonane	<0.089	0.54	0.089	<0.017	0.10	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	<0.074	0.54	0.074	<0.011	0.079	0.011	
98-82-8	Cumene	<0.077	0.54	0.077	<0.016	0.11	0.016	
80-56-8	alpha-Pinene	<0.082	0.54	0.082	<0.015	0.097	0.015	
103-65-1	n-Propylbenzene	<0.077	0.54	0.077	<0.016	0.11	0.016	
622-96-8	4-Ethyltoluene	<0.085	0.54	0.085	<0.017	0.11	0.017	
108-67-8	1,3,5-Trimethylbenzene	<0.077	0.53	0.077	<0.016	0.11	0.016	
95-63-6	1,2,4-Trimethylbenzene	<0.074	0.54	0.074	<0.015	0.11	0.015	
100-44-7	Benzyl Chloride	<0.12	1.1	0.12	<0.023	0.21	0.023	
541-73-1	1,3-Dichlorobenzene	<0.080	0.54	0.080	<0.013	0.090	0.013	
106-46-7	1,4-Dichlorobenzene	<0.082	0.54	0.082	<0.014	0.090	0.014	
95-50-1	1,2-Dichlorobenzene	<0.079	0.54	0.079	<0.013	0.090	0.013	
5989-27-5	d-Limonene	<0.11	0.54	0.11	<0.020	0.097	0.020	
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.53	0.10	<0.010	0.055	0.010	
120-82-1	1,2,4-Trichlorobenzene	<0.13	0.54	0.13	<0.018	0.073	0.018	
91-20-3	Naphthalene	<0.13	0.52	0.13	<0.025	0.099	0.025	
87-68-3	Hexachlorobutadiene	<0.11	0.53	0.11	<0.010	0.050	0.010	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Project ID: P2003112

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 6/2/20
Analyst: Simon Cao Date(s) Received: 6/5/20
Sample Type: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 6/16/20
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P200616-MB	**96**	**100**	**104**	70-130	
Lab Control Sample	P200616-LCS	**97**	**101**	**105**	70-130	
Duplicate Lab Control Sample	P200616-DLCS	**98**	**100**	**104**	70-130	
SG 32	P2003112-001	**96**	**101**	**105**	70-130	
SG 135	P2003112-002	**96**	**100**	**104**	70-130	
SG 64	P2003112-003	**97**	**101**	**105**	70-130	
SG 77	P2003112-004	**98**	**100**	**104**	70-130	
SG-89	P2003112-005	**98**	**101**	**106**	70-130	
SG-33	P2003112-006	**97**	**100**	**104**	70-130	
SG-90	P2003112-007	**96**	**100**	**104**	70-130	
SG-81	P2003112-008	**97**	**101**	**105**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P200616-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	ALS Acceptance Limits	RPD	RPD Limit	Data Qualifier
115-07-1	Propene	210	188	187	**90**	**89**	51-133	1	25	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	186	188	**89**	**90**	64-115	1	25	
74-87-3	Chloromethane	212	190	204	**90**	**96**	49-127	6	25	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	206	183	194	**89**	**94**	65-114	5	25	
75-01-4	Vinyl Chloride	212	186	193	**88**	**91**	61-129	3	25	
106-99-0	1,3-Butadiene	212	200	209	**94**	**99**	54-140	5	25	
74-83-9	Bromomethane	212	194	199	**92**	**94**	68-120	2	25	
75-00-3	Chloroethane	214	188	195	**88**	**91**	63-123	3	25	
64-17-5	Ethanol	1,060	898	921	**85**	**87**	49-134	2	25	
75-05-8	Acetonitrile	214	199	202	**93**	**94**	50-137	1	25	
107-02-8	Acrolein	206	223	223	**108**	**108**	62-128	0	25	
67-64-1	Acetone	1,070	925	930	**86**	**87**	56-125	1	25	
75-69-4	Trichlorofluoromethane (CFC 11)	212	191	192	**90**	**91**	64-115	1	25	
67-63-0	2-Propanol (Isopropyl Alcohol)	422	379	392	**90**	**93**	57-133	3	25	
107-13-1	Acrylonitrile	212	199	202	**94**	**95**	64-136	1	25	
75-35-4	1,1-Dichloroethene	214	201	203	**94**	**95**	67-115	1	25	
75-09-2	Methylene Chloride	210	199	201	**95**	**96**	68-114	1	25	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	214	185	187	**86**	**87**	55-139	1	25	
76-13-1	Trichlorotrifluoroethane (CFC 113)	216	201	202	**93**	**94**	65-115	1	25	
75-15-0	Carbon Disulfide	212	200	201	**94**	**95**	68-113	1	25	
156-60-5	trans-1,2-Dichloroethene	214	214	216	**100**	**101**	65-122	1	25	
75-34-3	1,1-Dichloroethane	212	192	193	**91**	**91**	63-118	0	25	
1634-04-4	Methyl tert-Butyl Ether	214	202	203	**94**	**95**	57-131	1	25	
108-05-4	Vinyl Acetate	1,070	1140	1160	**107**	**108**	71-128	0.9	25	
78-93-3	2-Butanone (MEK)	212	206	207	**97**	**98**	67-123	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P200616-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	ALS Acceptance Limits	RPD	RPD Limit	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	212	202	204	**95**	**96**	64-120	1	25	
141-78-6	Ethyl Acetate	432	419	422	**97**	**98**	64-131	1	25	
110-54-3	n-Hexane	216	188	191	**87**	**88**	58-125	1	25	
67-66-3	Chloroform	214	196	198	**92**	**93**	65-114	1	25	
109-99-9	Tetrahydrofuran (THF)	220	212	213	**96**	**97**	65-115	1	25	
107-06-2	1,2-Dichloroethane	214	199	201	**93**	**94**	59-119	1	25	
71-55-6	1,1,1-Trichloroethane	214	201	201	**94**	**94**	66-115	0	25	
71-43-2	Benzene	210	191	193	**91**	**92**	66-109	1	25	
56-23-5	Carbon Tetrachloride	208	198	200	**95**	**96**	66-119	1	25	
110-82-7	Cyclohexane	422	388	389	**92**	**92**	67-117	0	25	
78-87-5	1,2-Dichloropropane	214	198	197	**93**	**92**	66-119	1	25	
75-27-4	Bromodichloromethane	218	202	203	**93**	**93**	71-119	0	25	
79-01-6	Trichloroethene	216	204	205	**94**	**95**	70-114	1	25	
123-91-1	1,4-Dioxane	216	219	220	**101**	**102**	71-117	1	25	
80-62-6	Methyl Methacrylate	430	439	439	**102**	**102**	76-121	0	25	
142-82-5	n-Heptane	214	199	199	**93**	**93**	66-119	0	25	
10061-01-5	cis-1,3-Dichloropropene	214	225	226	**105**	**106**	72-125	0.9	25	
108-10-1	4-Methyl-2-pentanone	212	207	210	**98**	**99**	68-130	1	25	
10061-02-6	trans-1,3-Dichloropropene	212	213	215	**100**	**101**	71-132	1	25	
79-00-5	1,1,2-Trichloroethane	214	207	209	**97**	**98**	70-117	1	25	
108-88-3	Toluene	212	197	198	**93**	**93**	67-113	0	25	
591-78-6	2-Hexanone	216	221	223	**102**	**103**	62-135	1	25	
124-48-1	Dibromochloromethane	214	216	217	**101**	**101**	73-126	0	25	
106-93-4	1,2-Dibromoethane	214	220	220	**103**	**103**	71-122	0	25	
123-86-4	n-Butyl Acetate	218	228	228	**105**	**105**	65-134	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Duplicate Lab Control Sample** ALS Project ID: P2003112
Client Project ID: **Tel Hashomer / KTE-51-20-Simi** ALS Sample ID: P200616-DLCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount LCS / DLCS µg/m³	Result LCS µg/m³	Result DLCS µg/m³	% Recovery LCS	% Recovery DLCS	ALS Acceptance Limits	RPD	RPD Limit	Data Qualifier
111-65-9	n-Octane	216	199	199	**92**	**92**	63-120	0	25	
127-18-4	Tetrachloroethene	208	198	199	**95**	**96**	64-120	1	25	
108-90-7	Chlorobenzene	214	196	197	**92**	**92**	65-116	0	25	
100-41-4	Ethylbenzene	212	202	204	**95**	**96**	65-117	1	25	
179601-23-1	m,p-Xylenes	426	403	405	**95**	**95**	64-121	0	25	
75-25-2	Bromoform	214	230	232	**107**	**108**	72-130	0.9	25	
100-42-5	Styrene	212	217	219	**102**	**103**	72-126	1	25	
95-47-6	o-Xylene	214	199	201	**93**	**94**	64-120	1	25	
111-84-2	n-Nonane	214	193	195	**90**	**91**	56-132	1	25	
79-34-5	1,1,2,2-Tetrachloroethane	214	205	207	**96**	**97**	66-122	1	25	
98-82-8	Cumene	214	201	203	**94**	**95**	64-121	1	25	
80-56-8	alpha-Pinene	212	204	205	**96**	**97**	62-136	1	25	
103-65-1	n-Propylbenzene	214	203	204	**95**	**95**	65-123	0	25	
622-96-8	4-Ethyltoluene	210	192	194	**91**	**92**	71-126	1	25	
108-67-8	1,3,5-Trimethylbenzene	212	197	200	**93**	**94**	65-120	1	25	
95-63-6	1,2,4-Trimethylbenzene	212	201	204	**95**	**96**	63-129	1	25	
100-44-7	Benzyl Chloride	214	247	251	**115**	**117**	66-138	2	25	
541-73-1	1,3-Dichlorobenzene	214	209	213	**98**	**100**	65-127	2	25	
106-46-7	1,4-Dichlorobenzene	214	204	207	**95**	**97**	65-125	2	25	
95-50-1	1,2-Dichlorobenzene	214	203	207	**95**	**97**	67-128	2	25	
5989-27-5	d-Limonene	212	197	198	**93**	**93**	65-136	0	25	
96-12-8	1,2-Dibromo-3-chloropropane	214	226	232	**106**	**108**	73-133	2	25	
120-82-1	1,2,4-Trichlorobenzene	216	222	229	**103**	**106**	62-140	3	25	
91-20-3	Naphthalene	212	225	233	**106**	**110**	57-149	4	25	
87-68-3	Hexachlorobutadiene	214	198	204	**93**	**95**	57-129	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Response Factor Report MS09

Method Path : I:\MS09\Methods\
Method File : R9061120.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
Last Update : Thu Jun 11 21:23:59 2020
Response Via : Initial Calibration

6/12/20

Calibration Files
0.1 =06112026.D 0.2 =06112027.D 0.5 =06112028.D 1.0 =06112029.D 5.0 =06112030.D 25 =06112
100 =06112033.D

		Compound	0.1	0.2	0.5	1.0	5.0	25	50	100	Avg	%RSD
1)	IR	Bromochloromethane...	----------ISTD----------									
2)	T	Propene	0.842	0.800	0.902	0.823	0.950	0.863	0.913	0.898	0.874	5.82
3)	T	Dichlorodifluo...	1.868	1.774	1.939	1.755	1.640	1.705	1.561	1.460	1.713	9.18
4)	T	Chloromethane	1.146	1.035	1.256	1.124	0.968	1.172	0.986	0.705	1.049	16.21
5)	T	1,2-Dichloro-1...	0.963	0.928	1.080	0.984	0.899	0.939	0.906	0.869	0.946	6.90
6)	T	Vinyl Chloride	1.038	1.018	1.222	1.118	1.063	1.113	1.064	1.021	1.082	6.28
7)	T	1,3-Butadiene	0.655	0.587	0.798	0.732	0.741	0.830	0.796	0.763	0.738	10.96
8)	T	Bromomethane	0.812	0.813	0.967	0.910	0.792	0.905	0.843	0.800	0.855	7.51
9)	T	Chloroethane	0.653	0.577	0.685	0.652	0.617	0.648	0.608	0.567	0.626	6.52
10)	T	Ethanol	0.641	0.622	0.674	0.607	0.566	0.596	0.536	0.467	0.589	11.04
11)	T	Acetonitrile	1.085	1.233	1.494	1.420	1.377	1.472	1.353	1.260	1.337	10.26
12)	T	Acrolein	0.237	0.333	0.516	0.496	0.534	0.583	0.543	0.510	0.469	25.41
13)	T	Acetone	0.709	0.689	0.717	0.674	0.620	0.630	0.553	0.470	0.633	13.49
14)	T	Trichlorofluor...	1.693	1.590	1.750	1.622	1.506	1.581	1.465	1.387	1.574	7.57
15)	T	2-Propanol (Is...	1.842	1.935	2.149	2.039	1.620	1.981	1.490	1.125	1.773	19.18
16)	T	Acrylonitrile			1.087	1.090	1.096	1.199	1.106	1.036	1.103	4.82
17)	T	1,1-Dichloroet...	0.981	0.954	1.044	0.979	0.925	0.982	0.913	0.863	0.955	5.74
18)	T	2-Methyl-2-Pro...	2.106	1.995	2.327	2.168	2.049	2.135	1.905	1.057	1.968	19.75
19)	T	Methylene Chlo...	0.921	0.937	1.064	0.977	0.949	1.007	0.924	0.863	0.955	6.38
20)	T	3-Chloro-1-pro...	1.102	1.219	1.290	1.210	1.197	1.248	1.120	1.036	1.178	7.16
21)	T	Trichlorotrifl...	0.977	0.964	1.041	0.974	0.900	0.948	0.884	0.834	0.940	6.91
22)	T	Carbon Disulfide	3.373	3.322	3.701	3.448	3.440	3.564	3.239	2.930	3.377	6.81
23)	T	trans-1,2-Dich...	0.932	1.011	1.268	1.216	1.197	1.295	1.199	1.119	1.155	10.92
24)	T	1,1-Dichloroet...	1.586	1.515	1.688	1.589	1.497	1.593	1.460	1.347	1.534	6.76
25)	T	Methyl tert-Bu...	2.584	2.492	2.914	2.688	2.532	2.713	2.538	2.394	2.607	6.18
26)	T	Vinyl Acetate	0.133	0.165	0.218	0.212	0.220	0.237	0.213	0.186	0.198	17.41
27)	T	2-Butanone (MEK)			0.596	0.590	0.612	0.670	0.623	0.579	0.612	5.29
28)	T	cis-1,2-Dichlo...	1.069	1.092	1.287	1.220	1.165	1.242	1.144	1.063	1.160	7.21
29)	T	Diisopropyl Ether	0.964	0.950	0.958	0.843	0.786	0.796	0.707	0.616	0.827	15.34
30)	T	Ethyl Acetate			0.316	0.315	0.312	0.322	0.275	0.223	0.294	13.13
31)	T	n-Hexane	1.600	1.532	1.672	1.551	1.436	1.420	1.203	0.971	1.423	16.26
32)	T	Chloroform	1.715	1.615	1.764	1.637	1.548	1.623	1.498	1.401	1.600	7.28
33)	S	1,2-Dichloroet...	1.251	1.261	1.255	1.259	1.251	1.251	1.242	1.225	1.249	0.93
34)	T	Tetrahydrofura...	0.552	0.539	0.636	0.619	0.586	0.639	0.589	0.545	0.588	6.89
35)	T	Ethyl tert-But...	1.064	1.074	1.248	1.154	1.103	1.174	1.092	1.010	1.115	6.67
36)	T	1,2-Dichloroet...	1.085	1.064	1.181	1.108	1.050	1.125	1.037	0.986	1.080	5.53
37)	IR	1,4-Difluorobenzen...	----------ISTD----------									
38)	T	1,1,1-Trichlor...	0.352	0.322	0.366	0.341	0.319	0.339	0.314	0.299	0.331	6.61
39)	T	Isopropyl Acetate	0.106	0.126	0.145	0.136	0.130	0.135	0.119	0.102	0.125	12.09
40)	T	1-Butanol			0.157	0.163	0.182	0.212	0.190	0.168	0.179	11.46
41)	T	Benzene	0.957	0.916	1.024	0.937	0.885	0.917	0.835	0.765	0.905	8.67
42)	T	Carbon Tetrach...	0.294	0.297	0.336	0.312	0.297	0.321	0.298	0.285	0.305	5.42
43)	T	Cyclohexane	0.383	0.357	0.404	0.370	0.347	0.355	0.319	0.281	0.352	10.80
44)	T	tert-Amyl Meth...	0.611	0.584	0.666	0.622	0.597	0.633	0.582	0.539	0.604	6.29
45)	T	1,2-Dichloropr...	0.223	0.204	0.234	0.220	0.205	0.218	0.199	0.182	0.211	7.75
46)	T	Bromodichlorom...	0.299	0.271	0.313	0.296	0.281	0.305	0.279	0.261	0.288	6.22
47)	T	Trichloroethene	0.280	0.260	0.294	0.273	0.256	0.273	0.255	0.239	0.266	6.45
48)	T	1,4-Dioxane	0.156	0.168	0.189	0.185	0.173	0.196	0.180	0.163	0.176	7.79
49)	T	2,2,4-Trimethy...	0.960	0.904	0.990	0.904	0.850	0.872	0.782	0.695	0.870	10.96
50)	T	Methyl Methacr...			0.089	0.090	0.090	0.101	0.093	0.085	0.091	5.93
51)	T	n-Heptane	0.244	0.220	0.252	0.232	0.216	0.228	0.208	0.190	0.224	8.85
52)	T	cis-1,3-Dichlo...	0.276	0.304	0.370	0.354	0.355	0.392	0.360	0.333	0.343	10.88
53)	T	4-Methyl-2-pen...			0.181	0.180	0.184	0.200	0.181	0.163	0.181	6.51
54)	T	trans-1,3-Dich...			0.294	0.291	0.310	0.351	0.327	0.307	0.313	7.11

55)	T	1,1,2-Trichlor...	0.210	0.213	0.248	0.232	0.219	0.238	0.219	0.204	0.223	6.73
56)	IR	Chlorobenzene-d5 (...	----------ISTD----------									
57)	S	Toluene-d8 (SS2)	2.593	2.599	2.592	2.577	2.565	2.561	2.573	2.566	2.578	0.56
58)	T	Toluene	2.529	2.275	2.557	2.325	2.173	2.241	2.057	1.867	2.253	10.18
59)	T	2-Hexanone			0.821	0.769	0.858	0.971	0.880	0.786	0.848	8.66
60)	T	Dibromochlorom...	0.577	0.581	0.645	0.622	0.627	0.681	0.641	0.607	0.623	5.53
61)	T	1,2-Dibromoethane	0.495	0.539	0.638	0.606	0.595	0.650	0.608	0.570	0.588	8.73
62)	T	n-Butyl Acetate			0.865	0.873	0.929	1.075	0.973	0.865	0.930	8.94
63)	T	n-Octane	0.427	0.407	0.465	0.436	0.406	0.424	0.381	0.337	0.410	9.38
64)	T	Tetrachloroethene	0.762	0.711	0.788	0.729	0.678	0.712	0.669	0.626	0.709	7.33
65)	T	Chlorobenzene	1.712	1.609	1.745	1.600	1.515	1.585	1.809	1.354	1.616	8.85
66)	T	Ethylbenzene	2.640	2.485	2.759	2.540	2.443	2.531	2.325	2.107	2.479	7.99
67)	T	m- & p-Xylenes	2.095	1.987	2.185	2.003	1.926	1.985	1.811	1.619	1.951	8.90
68)	T	Bromoform	0.441	0.466	0.535	0.515	0.532	0.603	0.572	0.547	0.527	10.01
69)	T	Styrene	1.491	1.315	1.615	1.558	1.573	1.681	1.549	1.413	1.524	7.63
70)	T	o-Xylene	2.046	1.987	2.181	2.010	1.924	1.969	1.805	1.622	1.943	8.63
71)	T	n-Nonane	0.903	0.861	0.957	0.884	0.859	0.866	0.759	0.645	0.842	11.49
72)	T	1,1,2,2-Tetrac...	0.958	0.884	1.020	0.949	0.917	0.954	0.865	0.765	0.914	8.41
73)	S	Bromofluoroben...	0.882	0.880	0.886	0.879	0.888	0.900	0.904	0.909	0.891	1.30
74)	T	Cumene	2.732	2.541	2.846	2.627	2.510	2.585	2.346	2.106	2.537	9.02
75)	T	alpha-Pinene	1.300	1.216	1.406	1.316	1.301	1.343	1.236	1.108	1.278	7.11
76)	T	n-Propylbenzene	3.051	2.995	3.291	3.048	2.947	3.035	2.737	2.433	2.942	8.68
77)	T	3-Ethyltoluene	2.446	2.442	2.627	2.513	2.472	2.517	2.367	2.173	2.445	5.43
78)	T	4-Ethyltoluene	2.512	2.404	2.779	2.522	2.426	2.594	2.275	1.971	2.435	9.80
79)	T	1,3,5-Trimethy...	2.311	2.194	2.432	2.224	2.103	2.168	1.979	1.793	2.150	9.16
80)	T	alpha-Methylst...	1.085	1.108	1.234	1.175	1.179	1.259	1.155	1.039	1.154	6.45
81)	T	2-Ethyltoluene	2.643	2.508	2.826	2.578	2.461	2.515	2.284	2.049	2.483	9.42
82)	T	1,2,4-Trimethy...	2.180	2.136	2.308	2.189	2.096	2.129	1.877	1.622	2.067	10.50
83)	T	n-Decane	1.022	1.005	1.147	1.066	1.037	1.021	0.880	0.725	0.988	13.09
84)	T	Benzyl Chloride	1.051	1.241	1.432	1.445	1.639	1.880	1.709	1.515	1.489	17.64
85)	T	1,3-Dichlorobe...	1.263	1.305	1.367	1.300	1.267	1.352	1.237	1.117	1.276	6.11
86)	T	1,4-Dichlorobe...	1.449	1.385	1.423	1.326	1.278	1.371	1.272	1.169	1.334	6.91
87)	T	sec-Butylbenzene	3.099	2.938	3.177	2.961	2.848	2.894	2.599	2.298	2.852	9.90
88)	T	4-Isopropyltol...	2.932	2.732	2.963	2.761	2.666	2.635	2.290	1.914	2.612	13.39
89)	T	1,2,3-Trimethy...	2.151	2.149	2.389	2.201	2.106	2.130	1.879	1.617	2.078	11.18
90)	T	1,2-Dichlorobe...	1.349	1.322	1.357	1.283	1.241	1.302	1.183	1.048	1.261	8.19
91)	T	d-Limonene	0.730	0.748	0.859	0.794	0.780	0.787	0.689	0.572	0.745	11.50
92)	T	1,2-Dibromo-3-...	0.344	0.371	0.428	0.427	0.455	0.516	0.485	0.462	0.436	13.02
93)	T	n-Undecane	1.072	1.013	1.107	1.055	1.055	1.064	0.934	0.793	1.012	10.11
94)	T	1,2,4-Trichlor...	0.848	0.910	0.832	0.860	0.910	1.047	0.976	0.907	0.911	7.81
95)	T	Naphthalene	2.376	2.668	2.387	2.463	2.729	3.141	2.889	2.583	2.655	9.95
96)	T	n-Dodecane	0.945	1.028	0.986	1.004	1.035	1.035	0.905	0.763	0.963	9.65
97)	T	Hexachlorobuta...	0.700	0.681	0.667	0.636	0.609	0.648	0.606	0.570	0.640	6.75
98)	T	Cyclohexanone	0.558	0.635	0.667	0.644	0.660	0.742	0.679	0.618	0.651	8.14
99)	T	tert-Butylbenzene	2.264	2.157	2.395	2.223	2.111	2.104	1.848	1.587	2.086	12.25
100)	T	n-Butylbenzene	2.139	2.147	2.361	2.228	2.185	2.269	2.026	1.792	2.143	8.08

(#) = Out of Range

R9061120.M Fri Jun 12 13:28:49 2020

Evaluate Continuing Calibration Report

Data File : I:\MS09\Data\2020 06\16\06162002.D Vial: 2
Acq On : 16 Jun 2020 5:01 Operator: SC
Sample : CCV R9061620 25ng Inst : MS09
Misc : S34-05292009/S34-06112003 (7/10)

TD 6/16/20

Quant Time: Jun 16 07:57:32 2020
Quant Method : I:\MS09\Methods\R9061120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Jun 11 21:23:59 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	114	-0.02
2	T	Propene	0.874	0.732	16.2	96	-0.02
3	T	Dichlorodifluoromethane (CF	1.713	1.436	16.2	96	-0.01
4	T	Chloromethane	1.049	0.946	9.8	92	-0.02
5	T	1,2-Dichloro-1,1,2,2-tetraf	0.946	0.814	14.0	99	-0.01
6	T	Vinyl Chloride	1.082	0.910	15.9	93	-0.02
7	T	1,3-Butadiene	0.738	0.668	9.5	92	-0.02
8	T	Bromomethane	0.855	0.779	8.9	98	-0.02
9	T	Chloroethane	0.626	0.541	13.6	95	-0.02
10	T	Ethanol	0.589	0.489	17.0	93	-0.06
11	T	Acetonitrile	1.337	1.192	10.8	92	-0.04
12	T	Acrolein	0.469	0.478	-1.9	93	-0.02
13	T	Acetone	0.633	0.523	17.4	94	-0.03
14	T	Trichlorofluoromethane	1.574	1.348	14.4	97	-0.01
15	T	2-Propanol (Isopropanol)	1.773	1.538	13.3	88	-0.04
16	T	Acrylonitrile	1.103	0.995	9.8	94	-0.03
17	T	1,1-Dichloroethene	0.955	0.851	10.9	98	-0.02
18	T	2-Methyl-2-Propanol (tert-B	1.968	1.787	9.2	95	-0.04
19	T	Methylene Chloride	0.955	0.858	10.2	97	-0.02
20	T	3-Chloro-1-propene (Allyl C	1.178	1.003	14.9	91	-0.02
21	T	Trichlorotrifluoroethane	0.940	0.835	11.2	100	-0.01
22	T	Carbon Disulfide	3.377	3.024	10.5	96	-0.01
23	T	trans-1,2-Dichloroethene	1.155	1.085	6.1	95	-0.02
24	T	1,1-Dichloroethane	1.534	1.335	13.0	95	-0.02
25	T	Methyl tert-Butyl Ether	2.607	2.297	11.9	96	-0.01
26	T	Vinyl Acetate	0.198	0.202	-2.0	97	-0.03
27	T	2-Butanone (MEK)	0.612	0.566	7.5	96	-0.02
28	T	cis-1,2-Dichloroethene	1.160	1.044	10.0	96	-0.02
29	T	Diisopropyl Ether	0.827	0.680	17.8	97	-0.01
30	T	Ethyl Acetate	0.294	0.268	8.8	95	-0.02
31	T	n-Hexane	1.423	1.180	17.1	94	0.00
32	T	Chloroform	1.600	1.386	13.4	97	-0.03
33	S	1,2-Dichloroethane-d4(SS1)	1.249	1.211	3.0	110	-0.02
34	T	Tetrahydrofuran (THF)	0.588	0.539	8.3	96	-0.01
35	T	Ethyl tert-Butyl Ether	1.115	1.009	9.5	98	-0.01
36	T	1,2-Dichloroethane	1.080	0.945	12.5	95	-0.02
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	113	-0.02
38	T	1,1,1-Trichloroethane	0.331	0.292	11.8	97	-0.01
39	T	Isopropyl Acetate	0.125	0.113	9.6	95	-0.01
40	T	1-Butanol	0.179	0.176	1.7	93	-0.04
41	T	Benzene	0.905	0.793	12.4	97	-0.02
42	T	Carbon Tetrachloride	0.305	0.275	9.8	97	-0.01
43	T	Cyclohexane	0.352	0.305	13.4	97	-0.01
44	T	tert-Amyl Methyl Ether	0.604	0.544	9.9	97	-0.01
45	T	1,2-Dichloropropane	0.211	0.184	12.8	95	-0.01
46	T	Bromodichloromethane	0.288	0.261	9.4	96	-0.01
47	T	Trichloroethene	0.266	0.242	9.0	99	-0.01
48	T	1,4-Dioxane	0.176	0.169	4.0	97	-0.01
49	T	2,2,4-Trimethylpentane (Iso	0.870	0.734	15.6	95	0.00
50	T	Methyl Methacrylate	0.091	0.088	3.3	99	-0.01
51	T	n-Heptane	0.224	0.195	12.9	96	0.00
52	T	cis-1,3-Dichloropropene	0.343	0.334	2.6	96	0.00
53	T	4-Methyl-2-pentanone	0.181	0.167	7.7	94	-0.01
54	T	trans-1,3-Dichloropropene	0.313	0.299	4.5	96	0.00
55	T	1,1,2-Trichloroethane	0.223	0.205	8.1	97	-0.01

Evaluate Continuing Calibration Report

Data File : I:\MS09\Data\2020 06\16\06162002.D Vial: 2
Acq On : 16 Jun 2020 5:01 Operator: SC
Sample : CCV R9061620 25ng Inst : MS09
Misc : S34-05292009/S34-06112003 (7/10)

Quant Time: Jun 16 07:57:32 2020
Quant Method : I:\MS09\Methods\R9061120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Jun 11 21:23:59 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
56	IR	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	112	0.00
57	S	Toluene-d8 (SS2)	2.578	2.566	0.5	112	0.00
58	T	Toluene	2.253	1.956	13.2	98	-0.01
59	T	2-Hexanone	0.848	0.809	4.6	94	-0.01
60	T	Dibromochloromethane	0.623	0.592	5.0	98	0.00
61	T	1,2-Dibromoethane	0.588	0.565	3.9	98	-0.01
62	T	n-Butyl Acetate	0.930	0.888	4.5	93	0.00
63	T	n-Octane	0.410	0.357	12.9	94	-0.01
64	T	Tetrachloroethene	0.709	0.635	10.4	100	0.00
65	T	Chlorobenzene	1.616	1.385	14.3	98	0.00
66	T	Ethylbenzene	2.479	2.204	11.1	98	0.00
67	T	m- & p-Xylenes	1.951	1.728	11.4	98	-0.01
68	T	Bromoform	0.527	0.534	-1.3	99	-0.01
69	T	Styrene	1.524	1.453	4.7	97	0.00
70	T	o-Xylene	1.943	1.720	11.5	98	-0.01
71	T	n-Nonane	0.842	0.718	14.7	93	0.00
72	T	1,1,2,2-Tetrachloroethane	0.914	0.818	10.5	96	0.00
73	S	Bromofluorobenzene (SS3)	0.891	0.935	-4.9	117	0.00
74	T	Cumene	2.537	2.248	11.4	98	0.00
75	T	alpha-Pinene	1.278	1.163	9.0	97	0.00
76	T	n-Propylbenzene	2.942	2.626	10.7	97	0.00
77	T	3-Ethyltoluene	2.445	2.179	10.9	97	-0.01
78	T	4-Ethyltoluene	2.435	2.255	7.4	98	-0.01
79	T	1,3,5-Trimethylbenzene	2.150	1.890	12.1	98	0.00
80	T	alpha-Methylstyrene	1.154	1.071	7.2	96	0.00
81	T	2-Ethyltoluene	2.483	2.184	12.0	98	0.00
82	T	1,2,4-Trimethylbenzene	2.067	1.833	11.3	97	-0.01
83	T	n-Decane	0.988	0.856	13.4	94	0.00
84	T	Benzyl Chloride	1.489	1.594	-7.1	95	-0.01
85	T	1,3-Dichlorobenzene	1.276	1.174	8.0	97	-0.01
86	T	1,4-Dichlorobenzene	1.334	1.188	10.9	97	0.00
87	T	sec-Butylbenzene	2.852	2.506	12.1	97	0.00
88	T	4-Isopropyltoluene (p-Cymen	2.612	2.292	12.3	98	0.00
89	T	1,2,3-Trimethylbenzene	2.078	1.844	11.3	97	0.00
90	T	1,2-Dichlorobenzene	1.261	1.138	9.8	98	0.00
91	T	d-Limonene	0.745	0.665	10.7	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.436	0.451	-3.4	98	0.00
93	T	n-Undecane	1.012	0.891	12.0	94	0.00
94	T	1,2,4-Trichlorobenzene	0.911	0.902	1.0	97	0.00
95	T	Naphthalene	2.655	2.658	-0.1	95	0.00
96	T	n-Dodecane	0.963	0.861	10.6	93	0.00
97	T	Hexachlorobutadiene	0.640	0.571	10.8	99	0.00
98	T	Cyclohexanone	0.651	0.616	5.4	93	-0.02
99	T	tert-Butylbenzene	2.086	1.830	12.3	98	-0.01
100	T	n-Butylbenzene	2.143	1.941	9.4	96	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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LABORATORY REPORT

June 19, 2020

Eyal Shvartz
Dr. Katz Technologies & Enterprises (KTE)
HaMeginim Ave. 53
Haifa, ISR-HA 33265

RE: Tel Hashomer / KTE-52-20-Simi

Dear Eyal:

Enclosed are the results of the samples submitted to our laboratory on June 5, 2020. For your reference, these analyses have been assigned our service request number P2003111.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Sue Anderson at 3:42 pm, Jun 19, 2020

Sue Anderson
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request No: P2003111
Project: Tel Hashomer / KTE-52-20-Simi

CASE NARRATIVE

The samples were received intact under chain of custody on June 5, 2020 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The upper control criteria were exceeded for chloromethane, 1.3-butadiene and methyl tert-butyl ether (MTBE) in the Continuing Calibration Verification (CCV). In addition, the upper control criterion was exceeded for MTBE in the Laboratory Control Sample (LCS). Therefore, a potential for a high bias exists for those associated sample concentrations reported with positive results. The data has been qualified accordingly.

Samples SG-58 (P2003111-006) and SG-20 (P2003111-007) required a dilution due to the presence of elevated levels of non-target analytes. The reporting limits have been adjusted to reflect the dilutions.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.1 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-007
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request: P2003111

Project ID: Tel Hashomer / KTE-52-20-Simi

Date Received: 6/5/2020

Time Received: 09:15

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	TO-15 - VOC Cans
SG-114	P2003111-001	Air	6/3/2020	11:30	1SS00047	-2.74	6.49	X
SG-23	P2003111-002	Air	6/3/2020	11:50	1SC00926	-2.04	5.49	X
SG-80	P2003111-003	Air	6/3/2020	12:01	1SS00734	-3.17	5.99	X
SG-21	P2003111-004	Air	6/3/2020	12:22	1SC00896	-1.38	5.97	X
SG-57	P2003111-005	Air	6/3/2020	13:03	1SS00121	-2.23	6.27	X
SG-58	P2003111-006	Air	6/3/2020	13:02	1SC00158	-1.93	5.86	X
SG-20	P2003111-007	Air	6/3/2020	13:41	1SC01104	-2.32	6.44	X
SG-56	P2003111-008	Air	6/3/2020	13:42	1SC00604	-2.13	7.09	X
SG-78	P2003111-009	Air	6/3/2020	14:10	1SC01369	-3.52	7.37	X

Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161

Page ____ of ____

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No. P1003111

Company Name & Address (Reporting Information) KTE	Project Name TEL Hardware	ALS Contact:	
	Project Number KTE-S2-20-Sim.	Analysis Method	
Project Manager	P.O. # / Billing Information		
Phone	Fax		
Email Address for Result Reporting	Sampler (Print & Sign)		

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Tests		Comments e.g. Actual Preservative or specific instructions
SG [illegible]		[illegible]	[illegible]	[illegible]	[illegible]	-30	-4	1L	✓		
SG-23		[illegible]	[illegible]	[illegible]	[illegible]	-29	-4	1L	✓		
SG-30		[illegible]	[illegible]	[illegible]	[illegible]	-29	-4	1L	✓		
SG-31		[illegible]	[illegible]	[illegible]	[illegible]	-30	-4	1L	✓		
SG-52		[illegible]	[illegible]	[illegible]	[illegible]	-30	-4	1L	✓		
SG-55		[illegible]	[illegible]	[illegible]	[illegible]	-30	-4	1L	✓		
SG-33		[illegible]	[illegible]	[illegible]	[illegible]	-30	-4	1L	✓		
SG-56		[illegible]	[illegible]	[illegible]	[illegible]	-30	-5	1L	✓		
SG-72		[illegible]	[illegible]	[illegible]	[illegible]	-30	-5	1L	✓		

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) 10% Surcharge ____

EDD required Yes / No
Type: _____ Units: _____

Chain of Custody Seal: (Circle)
INTACT BROKEN ABSENT

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date: 6/15/10	Time: 915	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:	Cooler / Blank Temperature ____ °C

5 of 56

ALS Environmental

Sample Acceptance Check Form

Client: Dr. Katz Technologies & Enterprises (KTE) Work order: P2003111

Project: TEL Hashomer / KTE-52-20-Simi

Sample(s) received on: 6/5/20 Date opened: 6/5/20 by: DENISE.POSADA

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2003111-001.01	1.0 L Source Silonite Canister					
P2003111-002.01	1.0 L Source Can					
P2003111-003.01	1.0 L Source Silonite Canister					
P2003111-004.01	1.0 L Source Can					
P2003111-005.01	1.0 L Source Silonite Canister					
P2003111-006.01	1.0 L Source Can					
P2003111-007.01	1.0 L Source Can					
P2003111-008.01	1.0 L Source Can					
P2003111-009.01	1.0 L Source Can					

Explain any discrepancies: (include lab sample ID numbers): _____

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-114** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-001

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/17/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00047

Initial Pressure (psig): -2.74 Final Pressure (psig): 6.49

Canister Dilution Factor: 1.77

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.8**	2.3	0.58	**1.6**	1.4	0.33	
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.8**	2.3	0.38	**0.77**	0.47	0.078	
74-87-3	Chloromethane	<0.38	2.3	0.38	<0.18	1.1	0.18	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	**1.0**	2.3	0.37	**0.15**	0.34	0.053	**J**
75-01-4	Vinyl Chloride	<0.25	2.4	0.25	<0.099	0.94	0.099	
106-99-0	1,3-Butadiene	<0.39	2.3	0.39	<0.18	1.1	0.18	
74-83-9	Bromomethane	<0.33	2.4	0.33	<0.084	0.62	0.084	
75-00-3	Chloroethane	<0.29	2.4	0.29	<0.11	0.91	0.11	
64-17-5	Ethanol	**54**	23	1.6	**29**	12	0.87	
75-05-8	Acetonitrile	<0.58	2.3	0.58	<0.34	1.4	0.34	
107-02-8	Acrolein	**1.5**	4.4	0.66	**0.68**	1.9	0.29	**J**
67-64-1	Acetone	**38**	23	5.3	**16**	9.9	2.2	
75-69-4	Trichlorofluoromethane (CFC 11)	**3.2**	2.3	0.36	**0.58**	0.42	0.064	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.97	9.3	0.97	<0.40	3.8	0.40	
107-13-1	Acrylonitrile	<0.49	2.3	0.49	<0.22	1.1	0.22	
75-35-4	1,1-Dichloroethene	<0.33	2.4	0.33	<0.083	0.60	0.083	
75-09-2	Methylene Chloride	<0.66	2.3	0.66	<0.19	0.68	0.19	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.32	2.4	0.32	<0.10	0.76	0.10	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.43**	2.4	0.34	**0.057**	0.31	0.044	**J**
75-15-0	Carbon Disulfide	**3.2**	4.9	0.71	**1.0**	1.6	0.23	**J**
156-60-5	trans-1,2-Dichloroethene	<0.33	2.4	0.33	<0.083	0.60	0.083	
75-34-3	1,1-Dichloroethane	<0.35	2.4	0.35	<0.085	0.60	0.085	
1634-04-4	Methyl tert-Butyl Ether	<0.28	2.4	0.28	<0.077	0.66	0.077	**L**
108-05-4	Vinyl Acetate	**6.8**	24	5.3	**1.9**	6.8	1.5	**J**
78-93-3	2-Butanone (MEK)	**4.3**	4.9	0.49	**1.5**	1.7	0.17	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-114** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-001

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/17/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00047

Initial Pressure (psig): -2.74 Final Pressure (psig): 6.49

Canister Dilution Factor: 1.77

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.33	2.3	0.33	<0.084	0.59	0.084	
141-78-6	Ethyl Acetate	**2.9**	4.9	1.2	**0.80**	1.4	0.34	**J**
110-54-3	n-Hexane	**1.2**	2.4	0.49	**0.35**	0.68	0.14	**J**
67-66-3	Chloroform	**0.89**	2.4	0.31	**0.18**	0.49	0.064	**J**
109-99-9	Tetrahydrofuran (THF)	<0.30	2.4	0.30	<0.10	0.83	0.10	
107-06-2	1,2-Dichloroethane	<0.26	2.4	0.26	<0.065	0.59	0.065	
71-55-6	1,1,1-Trichloroethane	<0.29	2.4	0.29	<0.054	0.44	0.054	
71-43-2	Benzene	**0.35**	2.3	0.34	**0.11**	0.73	0.11	**J**
56-23-5	Carbon Tetrachloride	<0.33	2.3	0.33	<0.052	0.37	0.052	
110-82-7	Cyclohexane	<0.66	4.9	0.66	<0.19	1.4	0.19	
78-87-5	1,2-Dichloropropane	<0.29	2.4	0.29	<0.063	0.52	0.063	
75-27-4	Bromodichloromethane	<0.34	2.4	0.34	<0.051	0.36	0.051	
79-01-6	Trichloroethene	**0.84**	2.4	0.32	**0.16**	0.44	0.059	**J**
123-91-1	1,4-Dioxane	<0.28	2.4	0.28	<0.077	0.66	0.077	
80-62-6	Methyl Methacrylate	**2.7**	4.9	0.84	**0.66**	1.2	0.21	**J**
142-82-5	n-Heptane	**0.44**	2.4	0.38	**0.11**	0.58	0.092	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.37	2.3	0.37	<0.081	0.51	0.081	
108-10-1	4-Methyl-2-pentanone	**1.6**	2.3	0.32	**0.40**	0.57	0.079	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.49	2.3	0.49	<0.11	0.52	0.11	
79-00-5	1,1,2-Trichloroethane	<0.24	2.4	0.24	<0.044	0.44	0.044	
108-88-3	Toluene	**22**	2.4	0.29	**5.8**	0.63	0.076	
591-78-6	2-Hexanone	<0.29	2.4	0.29	<0.071	0.58	0.071	
124-48-1	Dibromochloromethane	<0.31	2.4	0.31	<0.036	0.28	0.036	
106-93-4	1,2-Dibromoethane	<0.27	2.4	0.27	<0.036	0.31	0.036	
123-86-4	n-Butyl Acetate	**1.4**	2.4	0.32	**0.29**	0.51	0.068	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-114** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-001

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
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Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00047

Initial Pressure (psig): -2.74 Final Pressure (psig): 6.49

Canister Dilution Factor: 1.77

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.53	2.4	0.53	<0.11	0.51	0.11	
127-18-4	Tetrachloroethene	**60**	2.3	0.31	**8.9**	0.34	0.045	
108-90-7	Chlorobenzene	<0.31	2.4	0.31	<0.068	0.52	0.068	
100-41-4	Ethylbenzene	**1.1**	2.4	0.33	**0.24**	0.55	0.076	**J**
179601-23-1	m,p-Xylenes	**3.7**	4.9	0.62	**0.86**	1.1	0.14	**J**
75-25-2	Bromoform	<0.49	2.4	0.49	<0.047	0.23	0.047	
100-42-5	Styrene	**1.1**	2.3	0.38	**0.26**	0.55	0.089	**J**
95-47-6	o-Xylene	**1.2**	2.4	0.34	**0.28**	0.55	0.078	**J**
111-84-2	n-Nonane	<0.39	2.4	0.39	<0.075	0.46	0.075	
79-34-5	1,1,2,2-Tetrachloroethane	<0.33	2.4	0.33	<0.048	0.35	0.048	
98-82-8	Cumene	<0.34	2.4	0.34	<0.069	0.49	0.069	
80-56-8	alpha-Pinene	<0.36	2.4	0.36	<0.065	0.43	0.065	
103-65-1	n-Propylbenzene	**0.38**	2.4	0.34	**0.077**	0.49	0.069	**J**
622-96-8	4-Ethyltoluene	**0.57**	2.4	0.38	**0.12**	0.49	0.077	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.39**	2.3	0.34	**0.080**	0.48	0.069	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.2**	2.4	0.33	**0.44**	0.49	0.067	**J**
100-44-7	Benzyl Chloride	<0.53	4.9	0.53	<0.10	0.94	0.10	
541-73-1	1,3-Dichlorobenzene	<0.35	2.4	0.35	<0.059	0.40	0.059	
106-46-7	1,4-Dichlorobenzene	<0.36	2.4	0.36	<0.060	0.40	0.060	
95-50-1	1,2-Dichlorobenzene	<0.35	2.4	0.35	<0.058	0.40	0.058	
5989-27-5	d-Limonene	**2.0**	2.4	0.49	**0.35**	0.43	0.087	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.44	2.3	0.44	<0.046	0.24	0.046	
120-82-1	1,2,4-Trichlorobenzene	<0.58	2.4	0.58	<0.078	0.32	0.078	
91-20-3	Naphthalene	<0.58	2.3	0.58	<0.11	0.44	0.11	
87-68-3	Hexachlorobutadiene	<0.49	2.3	0.49	<0.046	0.22	0.046	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-23** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-002

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/17/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.025 Liter(s)
Container ID: 1SC00926

Initial Pressure (psig): -2.04 Final Pressure (psig): 5.49

Canister Dilution Factor: 1.59

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**14**	2.1	0.52	**8.2**	1.2	0.30	
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.0**	2.1	0.35	**0.61**	0.43	0.070	
74-87-3	Chloromethane	**1.5**	2.1	0.34	**0.70**	1.0	0.17	**J, V**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.33	2.1	0.33	<0.048	0.30	0.048	
75-01-4	Vinyl Chloride	<0.23	2.1	0.23	<0.089	0.84	0.089	
106-99-0	1,3-Butadiene	<0.35	2.1	0.35	<0.16	0.95	0.16	
74-83-9	Bromomethane	<0.29	2.1	0.29	<0.076	0.55	0.076	
75-00-3	Chloroethane	<0.26	2.1	0.26	<0.099	0.81	0.099	
64-17-5	Ethanol	**9,100**	330	24	**4,900**	180	12	**D**
75-05-8	Acetonitrile	**2.0**	2.1	0.52	**1.2**	1.3	0.31	**J**
107-02-8	Acrolein	**11**	4.0	0.60	**4.8**	1.7	0.26	
67-64-1	Acetone	**230**	21	4.8	**97**	8.9	2.0	
75-69-4	Trichlorofluoromethane (CFC 11)	**6.2**	2.1	0.32	**1.1**	0.38	0.057	
67-63-0	2-Propanol (Isopropyl Alcohol)	**55**	8.3	0.87	**22**	3.4	0.36	
107-13-1	Acrylonitrile	<0.44	2.1	0.44	<0.20	0.97	0.20	
75-35-4	1,1-Dichloroethene	<0.29	2.1	0.29	<0.074	0.54	0.074	
75-09-2	Methylene Chloride	**5.1**	2.1	0.60	**1.5**	0.61	0.17	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.29	2.1	0.29	<0.091	0.69	0.091	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.43**	2.1	0.30	**0.056**	0.28	0.039	**J**
75-15-0	Carbon Disulfide	**21**	4.4	0.64	**6.8**	1.4	0.20	
156-60-5	trans-1,2-Dichloroethene	<0.29	2.1	0.29	<0.074	0.54	0.074	
75-34-3	1,1-Dichloroethane	<0.31	2.2	0.31	<0.077	0.54	0.077	
1634-04-4	Methyl tert-Butyl Ether	<0.25	2.1	0.25	<0.069	0.60	0.069	**L**
108-05-4	Vinyl Acetate	**74**	21	4.8	**21**	6.1	1.4	
78-93-3	2-Butanone (MEK)	**72**	4.4	0.44	**25**	1.5	0.15	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.
D = The reported result is from a dilution.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-23** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-002

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/17/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.025 Liter(s)
Container ID: 1SC00926

Initial Pressure (psig): -2.04 Final Pressure (psig): 5.49

Canister Dilution Factor: 1.59

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.30	2.1	0.30	<0.075	0.53	0.075	
141-78-6	Ethyl Acetate	**850**	70	18	**240**	19	4.9	**D**
110-54-3	n-Hexane	**3.8**	2.1	0.44	**1.1**	0.61	0.12	
67-66-3	Chloroform	**2.1**	2.1	0.28	**0.44**	0.44	0.058	**J**
109-99-9	Tetrahydrofuran (THF)	**8.1**	2.2	0.27	**2.8**	0.74	0.090	
107-06-2	1,2-Dichloroethane	<0.23	2.1	0.23	<0.058	0.53	0.058	
71-55-6	1,1,1-Trichloroethane	<0.26	2.1	0.26	<0.048	0.39	0.048	
71-43-2	Benzene	**3.9**	2.1	0.31	**1.2**	0.66	0.096	
56-23-5	Carbon Tetrachloride	<0.29	2.1	0.29	<0.047	0.34	0.047	
110-82-7	Cyclohexane	**14**	4.4	0.60	**4.1**	1.3	0.17	
78-87-5	1,2-Dichloropropane	<0.26	2.1	0.26	<0.057	0.46	0.057	
75-27-4	Bromodichloromethane	**0.37**	2.1	0.31	**0.055**	0.32	0.046	**J**
79-01-6	Trichloroethene	**0.68**	2.1	0.29	**0.13**	0.40	0.053	**J**
123-91-1	1,4-Dioxane	**1.2**	2.1	0.25	**0.33**	0.60	0.070	**J**
80-62-6	Methyl Methacrylate	<0.76	4.4	0.76	<0.18	1.1	0.18	
142-82-5	n-Heptane	**2.2**	2.1	0.34	**0.54**	0.52	0.082	
10061-01-5	cis-1,3-Dichloropropene	<0.33	2.1	0.33	<0.073	0.46	0.073	
108-10-1	4-Methyl-2-pentanone	**2.5**	2.1	0.29	**0.60**	0.51	0.071	
10061-02-6	trans-1,3-Dichloropropene	<0.44	2.1	0.44	<0.096	0.46	0.096	
79-00-5	1,1,2-Trichloroethane	<0.21	2.1	0.21	<0.039	0.39	0.039	
108-88-3	Toluene	**24**	2.1	0.26	**6.5**	0.57	0.069	
591-78-6	2-Hexanone	**4.3**	2.1	0.26	**1.0**	0.52	0.064	
124-48-1	Dibromochloromethane	<0.28	2.1	0.28	<0.033	0.25	0.033	
106-93-4	1,2-Dibromoethane	<0.25	2.1	0.25	<0.032	0.28	0.032	
123-86-4	n-Butyl Acetate	**26**	2.2	0.29	**5.4**	0.46	0.061	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
D = The reported result is from a dilution.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-23** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-002

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/17/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.025 Liter(s)
Container ID: 1SC00926

Initial Pressure (psig): -2.04 Final Pressure (psig): 5.49

Canister Dilution Factor: 1.59

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**3.0**	2.1	0.48	**0.65**	0.46	0.10	
127-18-4	Tetrachloroethene	**0.88**	2.1	0.27	**0.13**	0.30	0.040	**J**
108-90-7	Chlorobenzene	<0.28	2.1	0.28	<0.061	0.47	0.061	
100-41-4	Ethylbenzene	**2.3**	2.1	0.30	**0.53**	0.49	0.069	
179601-23-1	m,p-Xylenes	**7.6**	4.4	0.56	**1.8**	1.0	0.13	
75-25-2	Bromoform	<0.44	2.1	0.44	<0.042	0.21	0.042	
100-42-5	Styrene	**3.2**	2.1	0.34	**0.75**	0.50	0.080	
95-47-6	o-Xylene	**2.9**	2.1	0.31	**0.68**	0.49	0.070	
111-84-2	n-Nonane	**2.6**	2.1	0.35	**0.49**	0.41	0.067	
79-34-5	1,1,2,2-Tetrachloroethane	<0.29	2.1	0.29	<0.043	0.31	0.043	
98-82-8	Cumene	**3.2**	2.1	0.31	**0.65**	0.44	0.062	
80-56-8	alpha-Pinene	<0.33	2.1	0.33	<0.059	0.39	0.059	
103-65-1	n-Propylbenzene	**0.57**	2.1	0.31	**0.12**	0.44	0.062	**J**
622-96-8	4-Ethyltoluene	**0.76**	2.1	0.34	**0.16**	0.44	0.069	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.58**	2.1	0.31	**0.12**	0.43	0.062	**J**
95-63-6	1,2,4-Trimethylbenzene	**3.7**	2.1	0.29	**0.75**	0.44	0.060	
100-44-7	Benzyl Chloride	**1.4**	4.4	0.48	**0.27**	0.84	0.092	**J**
541-73-1	1,3-Dichlorobenzene	<0.32	2.1	0.32	<0.053	0.36	0.053	
106-46-7	1,4-Dichlorobenzene	<0.33	2.1	0.33	<0.054	0.36	0.054	
95-50-1	1,2-Dichlorobenzene	<0.31	2.1	0.31	<0.052	0.36	0.052	
5989-27-5	d-Limonene	**4.3**	2.1	0.44	**0.77**	0.39	0.079	
96-12-8	1,2-Dibromo-3-chloropropane	<0.40	2.1	0.40	<0.041	0.22	0.041	
120-82-1	1,2,4-Trichlorobenzene	<0.52	2.1	0.52	<0.070	0.29	0.070	
91-20-3	Naphthalene	**0.68**	2.1	0.52	**0.13**	0.39	0.099	**J**
87-68-3	Hexachlorobutadiene	<0.44	2.1	0.44	<0.041	0.20	0.041	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-80** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-003

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00734

Initial Pressure (psig): -3.17 Final Pressure (psig): 5.99

Canister Dilution Factor: 1.79

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**11**	2.4	0.58	**6.5**	1.4	0.34	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.7**	2.4	0.39	**0.55**	0.48	0.079	
74-87-3	Chloromethane	**0.69**	2.4	0.38	**0.34**	1.1	0.19	**J, V**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.38	2.4	0.38	<0.054	0.34	0.054	
75-01-4	Vinyl Chloride	<0.26	2.4	0.26	<0.10	0.95	0.10	
106-99-0	1,3-Butadiene	<0.39	2.4	0.39	<0.18	1.1	0.18	
74-83-9	Bromomethane	<0.33	2.4	0.33	<0.085	0.62	0.085	
75-00-3	Chloroethane	<0.30	2.4	0.30	<0.11	0.92	0.11	
64-17-5	Ethanol	**1,500**	23	1.7	**780**	12	0.88	
75-05-8	Acetonitrile	**1.3**	2.4	0.58	**0.80**	1.4	0.35	**J**
107-02-8	Acrolein	**4.4**	4.5	0.67	**1.9**	2.0	0.29	**J**
67-64-1	Acetone	**94**	24	5.4	**40**	10	2.3	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.9**	2.4	0.36	**0.34**	0.42	0.065	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**14**	9.4	0.98	**5.7**	3.8	0.40	
107-13-1	Acrylonitrile	<0.49	2.4	0.49	<0.23	1.1	0.23	
75-35-4	1,1-Dichloroethene	<0.33	2.4	0.33	<0.084	0.61	0.084	
75-09-2	Methylene Chloride	<0.67	2.4	0.67	<0.19	0.68	0.19	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.32	2.4	0.32	<0.10	0.77	0.10	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.39**	2.4	0.34	**0.051**	0.32	0.044	**J**
75-15-0	Carbon Disulfide	**9.4**	4.9	0.72	**3.0**	1.6	0.23	
156-60-5	trans-1,2-Dichloroethene	<0.33	2.4	0.33	<0.084	0.61	0.084	
75-34-3	1,1-Dichloroethane	<0.35	2.5	0.35	<0.086	0.61	0.086	
1634-04-4	Methyl tert-Butyl Ether	<0.28	2.4	0.28	<0.078	0.67	0.078	
108-05-4	Vinyl Acetate	**21**	24	5.4	**6.0**	6.9	1.5	**J**
78-93-3	2-Butanone (MEK)	**31**	4.9	0.49	**11**	1.7	0.17	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-80** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-003

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00734

Initial Pressure (psig): -3.17 Final Pressure (psig): 5.99

Canister Dilution Factor: 1.79

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.34	2.4	0.34	<0.085	0.60	0.085	
141-78-6	Ethyl Acetate	**8.6**	4.9	1.3	**2.4**	1.4	0.35	
110-54-3	n-Hexane	**0.58**	2.4	0.49	**0.17**	0.69	0.14	**J**
67-66-3	Chloroform	**7.0**	2.4	0.32	**1.4**	0.50	0.065	
109-99-9	Tetrahydrofuran (THF)	**1.6**	2.5	0.30	**0.55**	0.83	0.10	**J**
107-06-2	1,2-Dichloroethane	<0.26	2.4	0.26	<0.065	0.60	0.065	
71-55-6	1,1,1-Trichloroethane	<0.30	2.4	0.30	<0.054	0.44	0.054	
71-43-2	Benzene	**1.9**	2.4	0.34	**0.58**	0.74	0.11	**J**
56-23-5	Carbon Tetrachloride	**0.55**	2.4	0.33	**0.087**	0.38	0.053	**J**
110-82-7	Cyclohexane	<0.67	4.9	0.67	<0.20	1.4	0.20	
78-87-5	1,2-Dichloropropane	<0.30	2.4	0.30	<0.064	0.52	0.064	
75-27-4	Bromodichloromethane	<0.34	2.4	0.34	<0.051	0.36	0.051	
79-01-6	Trichloroethene	**0.39**	2.4	0.32	**0.073**	0.45	0.060	**J**
123-91-1	1,4-Dioxane	**3.6**	2.4	0.28	**1.0**	0.67	0.078	
80-62-6	Methyl Methacrylate	<0.85	4.9	0.85	<0.21	1.2	0.21	
142-82-5	n-Heptane	**0.51**	2.4	0.38	**0.13**	0.59	0.093	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.37	2.3	0.37	<0.082	0.51	0.082	
108-10-1	4-Methyl-2-pentanone	**1.5**	2.4	0.33	**0.36**	0.58	0.080	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.49	2.4	0.49	<0.11	0.52	0.11	
79-00-5	1,1,2-Trichloroethane	<0.24	2.4	0.24	<0.044	0.44	0.044	
108-88-3	Toluene	**5.4**	2.4	0.29	**1.4**	0.64	0.077	
591-78-6	2-Hexanone	**2.8**	2.4	0.30	**0.67**	0.59	0.072	
124-48-1	Dibromochloromethane	<0.31	2.4	0.31	<0.037	0.28	0.037	
106-93-4	1,2-Dibromoethane	<0.28	2.4	0.28	<0.036	0.31	0.036	
123-86-4	n-Butyl Acetate	**22**	2.5	0.33	**4.6**	0.52	0.069	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-80** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-003

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00734

Initial Pressure (psig): -3.17 Final Pressure (psig): 5.99

Canister Dilution Factor: 1.79

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**0.76**	2.4	0.54	**0.16**	0.52	0.11	**J**
127-18-4	Tetrachloroethene	**210**	2.3	0.31	**31**	0.34	0.046	
108-90-7	Chlorobenzene	<0.32	2.4	0.32	<0.069	0.52	0.069	
100-41-4	Ethylbenzene	**1.5**	2.4	0.34	**0.35**	0.56	0.077	**J**
179601-23-1	m,p-Xylenes	**5.3**	4.9	0.63	**1.2**	1.1	0.14	
75-25-2	Bromoform	<0.49	2.4	0.49	<0.048	0.23	0.048	
100-42-5	Styrene	**1.5**	2.4	0.38	**0.35**	0.56	0.090	**J**
95-47-6	o-Xylene	**1.5**	2.4	0.34	**0.35**	0.56	0.079	**J**
111-84-2	n-Nonane	<0.40	2.4	0.40	<0.076	0.46	0.076	
79-34-5	1,1,2,2-Tetrachloroethane	<0.33	2.4	0.33	<0.048	0.35	0.048	
98-82-8	Cumene	**2.7**	2.4	0.34	**0.55**	0.49	0.070	
80-56-8	alpha-Pinene	<0.37	2.4	0.37	<0.066	0.43	0.066	
103-65-1	n-Propylbenzene	<0.34	2.4	0.34	<0.070	0.49	0.070	
622-96-8	4-Ethyltoluene	**0.74**	2.4	0.38	**0.15**	0.49	0.077	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.46**	2.4	0.34	**0.093**	0.48	0.070	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.8**	2.4	0.33	**0.56**	0.49	0.067	
100-44-7	Benzyl Chloride	**0.80**	4.9	0.54	**0.15**	0.95	0.10	**J**
541-73-1	1,3-Dichlorobenzene	<0.36	2.4	0.36	<0.060	0.40	0.060	
106-46-7	1,4-Dichlorobenzene	**1.4**	2.4	0.37	**0.24**	0.40	0.061	**J**
95-50-1	1,2-Dichlorobenzene	<0.35	2.4	0.35	<0.059	0.40	0.059	
5989-27-5	d-Limonene	**2.3**	2.4	0.49	**0.41**	0.43	0.088	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.45	2.4	0.45	<0.046	0.25	0.046	
120-82-1	1,2,4-Trichlorobenzene	<0.58	2.4	0.58	<0.078	0.33	0.078	
91-20-3	Naphthalene	**6.3**	2.3	0.58	**1.2**	0.44	0.11	
87-68-3	Hexachlorobutadiene	<0.49	2.4	0.49	<0.046	0.22	0.046	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-21** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-004

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00896

Initial Pressure (psig): -1.38 Final Pressure (psig): 5.97

Canister Dilution Factor: 1.55

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**4.7**	2.1	0.50	**2.7**	1.2	0.29	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.8**	2.1	0.34	**0.57**	0.42	0.068	
74-87-3	Chloromethane	**1.3**	2.1	0.33	**0.63**	0.99	0.16	**J, V**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.33	2.1	0.33	<0.047	0.29	0.047	
75-01-4	Vinyl Chloride	<0.22	2.1	0.22	<0.086	0.82	0.086	
106-99-0	1,3-Butadiene	<0.34	2.1	0.34	<0.15	0.93	0.15	
74-83-9	Bromomethane	<0.29	2.1	0.29	<0.074	0.54	0.074	
75-00-3	Chloroethane	<0.26	2.1	0.26	<0.097	0.79	0.097	
64-17-5	Ethanol	**88**	20	1.4	**47**	11	0.76	
75-05-8	Acetonitrile	**2.9**	2.1	0.50	**1.7**	1.2	0.30	
107-02-8	Acrolein	**7.7**	3.9	0.58	**3.3**	1.7	0.25	
67-64-1	Acetone	**120**	21	4.7	**51**	8.6	2.0	
75-69-4	Trichlorofluoromethane (CFC 11)	**2.2**	2.1	0.31	**0.40**	0.37	0.056	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.85	8.1	0.85	<0.35	3.3	0.35	
107-13-1	Acrylonitrile	<0.43	2.1	0.43	<0.20	0.95	0.20	
75-35-4	1,1-Dichloroethene	<0.29	2.1	0.29	<0.072	0.53	0.072	
75-09-2	Methylene Chloride	<0.58	2.1	0.58	<0.17	0.59	0.17	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.28	2.1	0.28	<0.089	0.67	0.089	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.39**	2.1	0.29	**0.051**	0.27	0.038	**J**
75-15-0	Carbon Disulfide	**7.4**	4.3	0.62	**2.4**	1.4	0.20	
156-60-5	trans-1,2-Dichloroethene	<0.29	2.1	0.29	<0.072	0.53	0.072	
75-34-3	1,1-Dichloroethane	<0.30	2.1	0.30	<0.075	0.53	0.075	
1634-04-4	Methyl tert-Butyl Ether	<0.24	2.1	0.24	<0.068	0.58	0.068	
108-05-4	Vinyl Acetate	**38**	21	4.7	**11**	5.9	1.3	
78-93-3	2-Butanone (MEK)	**17**	4.3	0.43	**5.9**	1.4	0.14	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-21** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-004

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00896

Initial Pressure (psig): -1.38 Final Pressure (psig): 5.97

Canister Dilution Factor: 1.55

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.29	2.1	0.29	<0.073	0.52	0.073	
141-78-6	Ethyl Acetate	**55**	4.3	1.1	**15**	1.2	0.30	
110-54-3	n-Hexane	**1.6**	2.1	0.43	**0.46**	0.59	0.12	**J**
67-66-3	Chloroform	**0.54**	2.1	0.28	**0.11**	0.43	0.056	**J**
109-99-9	Tetrahydrofuran (THF)	**1.2**	2.1	0.26	**0.39**	0.72	0.088	**J**
107-06-2	1,2-Dichloroethane	<0.23	2.1	0.23	<0.057	0.52	0.057	
71-55-6	1,1,1-Trichloroethane	<0.26	2.1	0.26	<0.047	0.38	0.047	
71-43-2	Benzene	**0.58**	2.1	0.30	**0.18**	0.64	0.093	**J**
56-23-5	Carbon Tetrachloride	**0.34**	2.1	0.29	**0.055**	0.33	0.046	**J**
110-82-7	Cyclohexane	<0.58	4.3	0.58	<0.17	1.2	0.17	
78-87-5	1,2-Dichloropropane	<0.26	2.1	0.26	<0.055	0.45	0.055	
75-27-4	Bromodichloromethane	<0.30	2.1	0.30	<0.045	0.31	0.045	
79-01-6	Trichloroethene	**1.1**	2.1	0.28	**0.20**	0.39	0.052	**J**
123-91-1	1,4-Dioxane	<0.24	2.1	0.24	<0.068	0.58	0.068	
80-62-6	Methyl Methacrylate	<0.74	4.3	0.74	<0.18	1.0	0.18	
142-82-5	n-Heptane	**1.5**	2.1	0.33	**0.37**	0.51	0.080	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.32	2.0	0.32	<0.071	0.44	0.071	
108-10-1	4-Methyl-2-pentanone	**1.7**	2.1	0.28	**0.42**	0.50	0.069	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.43	2.1	0.43	<0.094	0.45	0.094	
79-00-5	1,1,2-Trichloroethane	<0.21	2.1	0.21	<0.038	0.38	0.038	
108-88-3	Toluene	**10**	2.1	0.25	**2.6**	0.56	0.067	
591-78-6	2-Hexanone	**3.8**	2.1	0.26	**0.93**	0.51	0.062	
124-48-1	Dibromochloromethane	<0.27	2.1	0.27	<0.032	0.25	0.032	
106-93-4	1,2-Dibromoethane	<0.24	2.1	0.24	<0.031	0.27	0.031	
123-86-4	n-Butyl Acetate	**2.7**	2.1	0.28	**0.56**	0.45	0.060	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-21** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-004

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00896

Initial Pressure (psig): -1.38 Final Pressure (psig): 5.97

Canister Dilution Factor: 1.55

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**1.7**	2.1	0.47	**0.37**	0.45	0.10	**J**
127-18-4	Tetrachloroethene	**36**	2.0	0.27	**5.3**	0.30	0.039	
108-90-7	Chlorobenzene	<0.28	2.1	0.28	<0.060	0.45	0.060	
100-41-4	Ethylbenzene	**1.2**	2.1	0.29	**0.28**	0.48	0.067	**J**
179601-23-1	m,p-Xylenes	**4.8**	4.3	0.54	**1.1**	0.98	0.12	
75-25-2	Bromoform	<0.43	2.1	0.43	<0.041	0.20	0.041	
100-42-5	Styrene	**1.6**	2.1	0.33	**0.38**	0.48	0.078	**J**
95-47-6	o-Xylene	**1.3**	2.1	0.30	**0.30**	0.48	0.069	**J**
111-84-2	n-Nonane	<0.34	2.1	0.34	<0.066	0.40	0.066	
79-34-5	1,1,2,2-Tetrachloroethane	<0.29	2.1	0.29	<0.042	0.30	0.042	
98-82-8	Cumene	<0.30	2.1	0.30	<0.061	0.43	0.061	
80-56-8	alpha-Pinene	<0.32	2.1	0.32	<0.057	0.38	0.057	
103-65-1	n-Propylbenzene	**0.46**	2.1	0.30	**0.094**	0.43	0.061	**J**
622-96-8	4-Ethyltoluene	**0.76**	2.1	0.33	**0.16**	0.43	0.067	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.39**	2.1	0.30	**0.079**	0.42	0.061	**J**
95-63-6	1,2,4-Trimethylbenzene	**3.0**	2.1	0.29	**0.61**	0.43	0.058	
100-44-7	Benzyl Chloride	<0.47	4.3	0.47	<0.090	0.82	0.090	
541-73-1	1,3-Dichlorobenzene	<0.31	2.1	0.31	<0.052	0.35	0.052	
106-46-7	1,4-Dichlorobenzene	**0.40**	2.1	0.32	**0.066**	0.35	0.053	**J**
95-50-1	1,2-Dichlorobenzene	<0.31	2.1	0.31	<0.051	0.35	0.051	
5989-27-5	d-Limonene	**2.4**	2.1	0.43	**0.43**	0.38	0.077	
96-12-8	1,2-Dibromo-3-chloropropane	<0.39	2.1	0.39	<0.040	0.21	0.040	
120-82-1	1,2,4-Trichlorobenzene	<0.50	2.1	0.50	<0.068	0.28	0.068	
91-20-3	Naphthalene	**0.80**	2.0	0.50	**0.15**	0.38	0.096	**J**
87-68-3	Hexachlorobutadiene	<0.43	2.1	0.43	<0.040	0.19	0.040	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-57** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-005

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00121

Initial Pressure (psig): -2.23 Final Pressure (psig): 6.27

Canister Dilution Factor: 1.68

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.9**	2.2	0.55	**1.7**	1.3	0.32	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.6**	2.2	0.37	**0.54**	0.45	0.074	
74-87-3	Chloromethane	**0.37**	2.2	0.36	**0.18**	1.1	0.17	**J, V**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.35	2.2	0.35	<0.050	0.32	0.050	
75-01-4	Vinyl Chloride	<0.24	2.3	0.24	<0.094	0.89	0.094	
106-99-0	1,3-Butadiene	<0.37	2.2	0.37	<0.17	1.0	0.17	
74-83-9	Bromomethane	<0.31	2.3	0.31	<0.080	0.58	0.080	
75-00-3	Chloroethane	<0.28	2.3	0.28	<0.11	0.86	0.11	
64-17-5	Ethanol	**420**	22	1.6	**220**	12	0.83	
75-05-8	Acetonitrile	**0.78**	2.2	0.55	**0.46**	1.3	0.33	**J**
107-02-8	Acrolein	**1.9**	4.2	0.63	**0.85**	1.8	0.27	**J**
67-64-1	Acetone	**34**	22	5.0	**14**	9.4	2.1	
75-69-4	Trichlorofluoromethane (CFC 11)	**2.3**	2.2	0.34	**0.40**	0.40	0.061	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.92	8.8	0.92	<0.38	3.6	0.38	
107-13-1	Acrylonitrile	<0.46	2.2	0.46	<0.21	1.0	0.21	
75-35-4	1,1-Dichloroethene	<0.31	2.3	0.31	<0.078	0.57	0.078	
75-09-2	Methylene Chloride	<0.63	2.2	0.63	<0.18	0.64	0.18	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.30	2.3	0.30	<0.097	0.72	0.097	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.37**	2.3	0.32	**0.049**	0.30	0.042	**J**
75-15-0	Carbon Disulfide	**24**	4.6	0.67	**7.8**	1.5	0.22	
156-60-5	trans-1,2-Dichloroethene	<0.31	2.3	0.31	<0.078	0.57	0.078	
75-34-3	1,1-Dichloroethane	<0.33	2.3	0.33	<0.081	0.57	0.081	
1634-04-4	Methyl tert-Butyl Ether	**1.6**	2.3	0.26	**0.45**	0.63	0.073	**J, V**
108-05-4	Vinyl Acetate	**12**	23	5.0	**3.3**	6.4	1.4	**J**
78-93-3	2-Butanone (MEK)	**8.3**	4.6	0.46	**2.8**	1.6	0.16	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-57** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-005

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00121

Initial Pressure (psig): -2.23 Final Pressure (psig): 6.27

Canister Dilution Factor: 1.68

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.32	2.2	0.32	<0.079	0.56	0.079	
141-78-6	Ethyl Acetate	**3.3**	4.6	1.2	**0.93**	1.3	0.33	**J**
110-54-3	n-Hexane	<0.46	2.3	0.46	<0.13	0.64	0.13	
67-66-3	Chloroform	**0.60**	2.3	0.30	**0.12**	0.46	0.061	**J**
109-99-9	Tetrahydrofuran (THF)	<0.28	2.3	0.28	<0.095	0.78	0.095	
107-06-2	1,2-Dichloroethane	<0.25	2.3	0.25	<0.061	0.56	0.061	
71-55-6	1,1,1-Trichloroethane	<0.28	2.3	0.28	<0.051	0.42	0.051	
71-43-2	Benzene	**2.0**	2.2	0.32	**0.64**	0.70	0.10	**J**
56-23-5	Carbon Tetrachloride	<0.31	2.2	0.31	<0.049	0.35	0.049	
110-82-7	Cyclohexane	<0.63	4.6	0.63	<0.18	1.3	0.18	
78-87-5	1,2-Dichloropropane	<0.28	2.3	0.28	<0.060	0.49	0.060	
75-27-4	Bromodichloromethane	<0.32	2.3	0.32	<0.048	0.34	0.048	
79-01-6	Trichloroethene	<0.30	2.3	0.30	<0.056	0.42	0.056	
123-91-1	1,4-Dioxane	<0.26	2.3	0.26	<0.073	0.63	0.073	
80-62-6	Methyl Methacrylate	<0.80	4.6	0.80	<0.19	1.1	0.19	
142-82-5	n-Heptane	**0.40**	2.3	0.36	**0.097**	0.55	0.087	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.35	2.2	0.35	<0.077	0.48	0.077	
108-10-1	4-Methyl-2-pentanone	**0.59**	2.2	0.31	**0.14**	0.54	0.075	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.46	2.2	0.46	<0.10	0.49	0.10	
79-00-5	1,1,2-Trichloroethane	<0.23	2.3	0.23	<0.042	0.42	0.042	
108-88-3	Toluene	**1.2**	2.3	0.27	**0.32**	0.60	0.072	**J**
591-78-6	2-Hexanone	**1.0**	2.3	0.28	**0.25**	0.55	0.068	**J**
124-48-1	Dibromochloromethane	<0.29	2.3	0.29	<0.035	0.27	0.035	
106-93-4	1,2-Dibromoethane	<0.26	2.3	0.26	<0.034	0.30	0.034	
123-86-4	n-Butyl Acetate	**16**	2.3	0.31	**3.4**	0.49	0.065	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-57** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-005

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00121

Initial Pressure (psig): -2.23 Final Pressure (psig): 6.27

Canister Dilution Factor: 1.68

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.50	2.3	0.50	<0.11	0.49	0.11	
127-18-4	Tetrachloroethene	**1.1**	2.2	0.29	**0.16**	0.32	0.043	**J**
108-90-7	Chlorobenzene	**1.1**	2.3	0.30	**0.24**	0.49	0.065	**J**
100-41-4	Ethylbenzene	**0.49**	2.3	0.32	**0.11**	0.52	0.073	**J**
179601-23-1	m,p-Xylenes	**0.88**	4.6	0.59	**0.20**	1.1	0.14	**J**
75-25-2	Bromoform	<0.46	2.3	0.46	<0.045	0.22	0.045	
100-42-5	Styrene	**0.42**	2.2	0.36	**0.10**	0.52	0.085	**J**
95-47-6	o-Xylene	<0.32	2.3	0.32	<0.074	0.52	0.074	
111-84-2	n-Nonane	<0.37	2.3	0.37	<0.071	0.43	0.071	
79-34-5	1,1,2,2-Tetrachloroethane	<0.31	2.3	0.31	<0.045	0.33	0.045	
98-82-8	Cumene	**1.2**	2.3	0.32	**0.25**	0.46	0.066	**J**
80-56-8	alpha-Pinene	**0.89**	2.3	0.34	**0.16**	0.41	0.062	**J**
103-65-1	n-Propylbenzene	<0.32	2.3	0.32	<0.066	0.46	0.066	
622-96-8	4-Ethyltoluene	<0.36	2.3	0.36	<0.073	0.46	0.073	
108-67-8	1,3,5-Trimethylbenzene	<0.32	2.2	0.32	<0.066	0.45	0.066	
95-63-6	1,2,4-Trimethylbenzene	**0.70**	2.3	0.31	**0.14**	0.46	0.063	**J**
100-44-7	Benzyl Chloride	<0.50	4.6	0.50	<0.097	0.89	0.097	
541-73-1	1,3-Dichlorobenzene	<0.34	2.3	0.34	<0.056	0.38	0.056	
106-46-7	1,4-Dichlorobenzene	**1.2**	2.3	0.34	**0.20**	0.38	0.057	**J**
95-50-1	1,2-Dichlorobenzene	<0.33	2.3	0.33	<0.055	0.38	0.055	
5989-27-5	d-Limonene	**5.2**	2.3	0.46	**0.93**	0.41	0.083	
96-12-8	1,2-Dibromo-3-chloropropane	<0.42	2.2	0.42	<0.043	0.23	0.043	
120-82-1	1,2,4-Trichlorobenzene	<0.55	2.3	0.55	<0.074	0.31	0.074	
91-20-3	Naphthalene	**1.7**	2.2	0.55	**0.32**	0.42	0.10	**J**
87-68-3	Hexachlorobutadiene	<0.46	2.2	0.46	<0.043	0.21	0.043	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-58** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-006

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.040 Liter(s)
Test Notes:
Container ID: 1SC00158

Initial Pressure (psig): -1.93 Final Pressure (psig): 5.86

Canister Dilution Factor: 1.61

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**110**	21	5.2	**61**	12	3.0	
75-71-8	Dichlorodifluoromethane (CFC 12)	<3.5	21	3.5	<0.71	4.3	0.71	
74-87-3	Chloromethane	<3.5	21	3.5	<1.7	10	1.7	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<3.4	21	3.4	<0.48	3.1	0.48	
75-01-4	Vinyl Chloride	<2.3	22	2.3	<0.90	8.5	0.90	
106-99-0	1,3-Butadiene	<3.5	21	3.5	<1.6	9.6	1.6	
74-83-9	Bromomethane	<3.0	22	3.0	<0.77	5.6	0.77	
75-00-3	Chloroethane	<2.7	22	2.7	<1.0	8.2	1.0	
64-17-5	Ethanol	**130**	210	15	**70**	110	7.9	**J**
75-05-8	Acetonitrile	<5.2	21	5.2	<3.1	13	3.1	
107-02-8	Acrolein	<6.0	40	6.0	<2.6	18	2.6	
67-64-1	Acetone	**75**	210	48	**32**	90	20	**J**
75-69-4	Trichlorofluoromethane (CFC 11)	<3.3	21	3.3	<0.58	3.8	0.58	
67-63-0	2-Propanol (Isopropyl Alcohol)	<8.9	85	8.9	<3.6	34	3.6	
107-13-1	Acrylonitrile	<4.4	21	4.4	<2.0	9.8	2.0	
75-35-4	1,1-Dichloroethene	<3.0	22	3.0	<0.75	5.5	0.75	
75-09-2	Methylene Chloride	**15**	21	6.0	**4.5**	6.1	1.7	**J**
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<2.9	22	2.9	<0.93	6.9	0.93	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<3.1	22	3.1	<0.40	2.8	0.40	
75-15-0	Carbon Disulfide	**6.8**	44	6.4	**2.2**	14	2.1	**J**
156-60-5	trans-1,2-Dichloroethene	<3.0	22	3.0	<0.75	5.5	0.75	
75-34-3	1,1-Dichloroethane	<3.1	22	3.1	<0.78	5.5	0.78	
1634-04-4	Methyl tert-Butyl Ether	<2.5	22	2.5	<0.70	6.0	0.70	
108-05-4	Vinyl Acetate	<48	220	48	<14	62	14	
78-93-3	2-Butanone (MEK)	<4.4	44	4.4	<1.5	15	1.5	

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MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-58** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-006

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.040 Liter(s)
Test Notes:
Container ID: 1SC00158

Initial Pressure (psig): -1.93 Final Pressure (psig): 5.86

Canister Dilution Factor: 1.61

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<3.0	21	3.0	<0.76	5.4	0.76	
141-78-6	Ethyl Acetate	**15**	44	11	**4.1**	12	3.1	**J**
110-54-3	n-Hexane	**9.3**	22	4.4	**2.6**	6.2	1.3	**J**
67-66-3	Chloroform	<2.9	22	2.9	<0.59	4.5	0.59	
109-99-9	Tetrahydrofuran (THF)	<2.7	22	2.7	<0.91	7.5	0.91	
107-06-2	1,2-Dichloroethane	<2.4	22	2.4	<0.59	5.4	0.59	
71-55-6	1,1,1-Trichloroethane	<2.7	22	2.7	<0.49	4.0	0.49	
71-43-2	Benzene	<3.1	21	3.1	<0.97	6.7	0.97	
56-23-5	Carbon Tetrachloride	<3.0	21	3.0	<0.47	3.4	0.47	
110-82-7	Cyclohexane	<6.0	44	6.0	<1.8	13	1.8	
78-87-5	1,2-Dichloropropane	<2.7	22	2.7	<0.58	4.7	0.58	
75-27-4	Bromodichloromethane	<3.1	22	3.1	<0.46	3.2	0.46	
79-01-6	Trichloroethene	<2.9	22	2.9	<0.54	4.0	0.54	
123-91-1	1,4-Dioxane	<2.5	22	2.5	<0.70	6.0	0.70	
80-62-6	Methyl Methacrylate	<7.6	44	7.6	<1.9	11	1.9	
142-82-5	n-Heptane	<3.4	22	3.4	<0.84	5.3	0.84	
10061-01-5	cis-1,3-Dichloropropene	<3.3	21	3.3	<0.74	4.6	0.74	
108-10-1	4-Methyl-2-pentanone	<2.9	21	2.9	<0.72	5.2	0.72	
10061-02-6	trans-1,3-Dichloropropene	<4.4	21	4.4	<0.98	4.7	0.98	
79-00-5	1,1,2-Trichloroethane	<2.2	22	2.2	<0.40	4.0	0.40	
108-88-3	Toluene	**16**	22	2.6	**4.3**	5.8	0.69	**J**
591-78-6	2-Hexanone	<2.7	22	2.7	<0.65	5.3	0.65	
124-48-1	Dibromochloromethane	<2.8	22	2.8	<0.33	2.6	0.33	
106-93-4	1,2-Dibromoethane	<2.5	22	2.5	<0.32	2.8	0.32	
123-86-4	n-Butyl Acetate	<2.9	22	2.9	<0.62	4.7	0.62	

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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-58** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-006

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.040 Liter(s)
Test Notes:
Container ID: 1SC00158

Initial Pressure (psig): -1.93 Final Pressure (psig): 5.86

Canister Dilution Factor: 1.61

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<4.8	22	4.8	<1.0	4.7	1.0	
127-18-4	Tetrachloroethene	<2.8	21	2.8	<0.41	3.1	0.41	
108-90-7	Chlorobenzene	<2.9	22	2.9	<0.62	4.7	0.62	
100-41-4	Ethylbenzene	<3.0	22	3.0	<0.70	5.0	0.70	
179601-23-1	m,p-Xylenes	**7.0**	44	5.6	**1.6**	10	1.3	**J**
75-25-2	Bromoform	<4.4	22	4.4	<0.43	2.1	0.43	
100-42-5	Styrene	<3.5	21	3.5	<0.81	5.0	0.81	
95-47-6	o-Xylene	<3.1	22	3.1	<0.71	5.0	0.71	
111-84-2	n-Nonane	<3.6	22	3.6	<0.68	4.1	0.68	
79-34-5	1,1,2,2-Tetrachloroethane	<3.0	22	3.0	<0.43	3.2	0.43	
98-82-8	Cumene	<3.1	22	3.1	<0.63	4.4	0.63	
80-56-8	alpha-Pinene	<3.3	22	3.3	<0.59	3.9	0.59	
103-65-1	n-Propylbenzene	<3.1	22	3.1	<0.63	4.4	0.63	
622-96-8	4-Ethyltoluene	<3.4	22	3.4	<0.70	4.4	0.70	
108-67-8	1,3,5-Trimethylbenzene	<3.1	21	3.1	<0.63	4.3	0.63	
95-63-6	1,2,4-Trimethylbenzene	**3.1**	22	3.0	**0.62**	4.4	0.61	**J**
100-44-7	Benzyl Chloride	<4.8	44	4.8	<0.93	8.6	0.93	
541-73-1	1,3-Dichlorobenzene	<3.2	22	3.2	<0.54	3.6	0.54	
106-46-7	1,4-Dichlorobenzene	<3.3	22	3.3	<0.55	3.6	0.55	
95-50-1	1,2-Dichlorobenzene	<3.2	22	3.2	<0.53	3.6	0.53	
5989-27-5	d-Limonene	**8.3**	22	4.4	**1.5**	3.9	0.79	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<4.0	21	4.0	<0.42	2.2	0.42	
120-82-1	1,2,4-Trichlorobenzene	<5.2	22	5.2	<0.71	2.9	0.71	
91-20-3	Naphthalene	<5.2	21	5.2	<1.0	4.0	1.0	
87-68-3	Hexachlorobutadiene	<4.4	21	4.4	<0.42	2.0	0.42	

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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-20** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-007

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.0050 Liter(s)
Test Notes:
Container ID: 1SC01104

Initial Pressure (psig): -2.32 Final Pressure (psig): 6.44

Canister Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**63**	180	44	**37**	110	26	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	<30	180	30	<6.0	37	6.0	
74-87-3	Chloromethane	<29	180	29	<14	88	14	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<29	180	29	<4.1	26	4.1	
75-01-4	Vinyl Chloride	<19	180	19	<7.6	72	7.6	
106-99-0	1,3-Butadiene	<30	180	30	<14	82	14	
74-83-9	Bromomethane	<25	180	25	<6.5	48	6.5	
75-00-3	Chloroethane	<23	180	23	<8.6	70	8.6	
64-17-5	Ethanol	<130	1,800	130	<67	940	67	
75-05-8	Acetonitrile	<44	180	44	<26	110	26	
107-02-8	Acrolein	<51	340	51	<22	150	22	
67-64-1	Acetone	<410	1,800	410	<170	760	170	
75-69-4	Trichlorofluoromethane (CFC 11)	<28	180	28	<4.9	32	4.9	
67-63-0	2-Propanol (Isopropyl Alcohol)	<75	720	75	<31	290	31	
107-13-1	Acrylonitrile	<38	180	38	<17	84	17	
75-35-4	1,1-Dichloroethene	<25	180	25	<6.4	47	6.4	
75-09-2	Methylene Chloride	<51	180	51	<15	52	15	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<25	180	25	<7.9	59	7.9	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<26	180	26	<3.4	24	3.4	
75-15-0	Carbon Disulfide	<55	380	55	<18	120	18	
156-60-5	trans-1,2-Dichloroethene	<25	180	25	<6.4	47	6.4	
75-34-3	1,1-Dichloroethane	<27	190	27	<6.6	46	6.6	
1634-04-4	Methyl tert-Butyl Ether	<22	180	22	<6.0	51	6.0	
108-05-4	Vinyl Acetate	<410	1,800	410	<120	520	120	
78-93-3	2-Butanone (MEK)	<38	380	38	<13	130	13	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
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Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-20** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-007

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.0050 Liter(s)
Test Notes:
Container ID: 1SC01104

Initial Pressure (psig): -2.32 Final Pressure (psig): 6.44

Canister Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<26	180	26	<6.5	46	6.5	
141-78-6	Ethyl Acetate	<96	380	96	<27	100	27	
110-54-3	n-Hexane	<38	180	38	<11	52	11	
67-66-3	Chloroform	<24	180	24	<5.0	38	5.0	
109-99-9	Tetrahydrofuran (THF)	<23	190	23	<7.8	64	7.8	
107-06-2	1,2-Dichloroethane	<20	180	20	<5.0	46	5.0	
71-55-6	1,1,1-Trichloroethane	<23	180	23	<4.1	34	4.1	
71-43-2	Benzene	<26	180	26	<8.2	57	8.2	
56-23-5	Carbon Tetrachloride	<25	180	25	<4.0	29	4.0	
110-82-7	Cyclohexane	<51	380	51	<15	110	15	
78-87-5	1,2-Dichloropropane	<23	180	23	<4.9	40	4.9	
75-27-4	Bromodichloromethane	<26	180	26	<3.9	28	3.9	
79-01-6	Trichloroethene	<25	180	25	<4.6	34	4.6	
123-91-1	1,4-Dioxane	<22	180	22	<6.0	51	6.0	
80-62-6	Methyl Methacrylate	<65	380	65	<16	92	16	
142-82-5	n-Heptane	<29	180	29	<7.1	45	7.1	
10061-01-5	cis-1,3-Dichloropropene	<28	180	28	<6.3	39	6.3	
108-10-1	4-Methyl-2-pentanone	<25	180	25	<6.1	44	6.1	
10061-02-6	trans-1,3-Dichloropropene	<38	180	38	<8.3	40	8.3	
79-00-5	1,1,2-Trichloroethane	<18	180	18	<3.4	34	3.4	
108-88-3	Toluene	**33**	180	22	**8.7**	49	5.9	**J**
591-78-6	2-Hexanone	**23**	180	23	**5.6**	45	5.5	**J**
124-48-1	Dibromochloromethane	<24	180	24	<2.8	22	2.8	
106-93-4	1,2-Dibromoethane	<21	180	21	<2.8	24	2.8	
123-86-4	n-Butyl Acetate	<25	190	25	<5.3	40	5.3	

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Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-20** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-007

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.0050 Liter(s)
Test Notes:
Container ID: 1SC01104

Initial Pressure (psig): -2.32 Final Pressure (psig): 6.44

Canister Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<41	180	41	<8.8	40	8.8	
127-18-4	Tetrachloroethene	**240**	180	24	**35**	26	3.5	
108-90-7	Chlorobenzene	<24	180	24	<5.3	40	5.3	
100-41-4	Ethylbenzene	<26	180	26	<5.9	43	5.9	
179601-23-1	m,p-Xylenes	<48	380	48	<11	87	11	
75-25-2	Bromoform	<38	180	38	<3.6	18	3.6	
100-42-5	Styrene	<29	180	29	<6.9	43	6.9	
95-47-6	o-Xylene	<26	180	26	<6.1	43	6.1	
111-84-2	n-Nonane	<30	180	30	<5.8	35	5.8	
79-34-5	1,1,2,2-Tetrachloroethane	<25	180	25	<3.7	27	3.7	
98-82-8	Cumene	<26	180	26	<5.4	38	5.4	
80-56-8	alpha-Pinene	**36**	180	28	**6.4**	33	5.0	**J**
103-65-1	n-Propylbenzene	<26	180	26	<5.4	38	5.4	
622-96-8	4-Ethyltoluene	<29	180	29	<5.9	38	5.9	
108-67-8	1,3,5-Trimethylbenzene	<26	180	26	<5.4	37	5.4	
95-63-6	1,2,4-Trimethylbenzene	<25	180	25	<5.2	38	5.2	
100-44-7	Benzyl Chloride	<41	380	41	<7.9	73	7.9	
541-73-1	1,3-Dichlorobenzene	<27	180	27	<4.6	31	4.6	
106-46-7	1,4-Dichlorobenzene	<28	180	28	<4.7	31	4.7	
95-50-1	1,2-Dichlorobenzene	<27	180	27	<4.5	31	4.5	
5989-27-5	d-Limonene	<38	180	38	<6.8	33	6.8	
96-12-8	1,2-Dibromo-3-chloropropane	<34	180	34	<3.5	19	3.5	
120-82-1	1,2,4-Trichlorobenzene	<44	180	44	<6.0	25	6.0	
91-20-3	Naphthalene	<44	180	44	<8.5	34	8.5	
87-68-3	Hexachlorobutadiene	<38	180	38	<3.5	17	3.5	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-56** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-008

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00604

Initial Pressure (psig): -2.13 Final Pressure (psig): 7.09

Canister Dilution Factor: 1.73

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**5.5**	2.3	0.56	**3.2**	1.3	0.33	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.6**	2.3	0.38	**0.53**	0.46	0.076	
74-87-3	Chloromethane	**4.3**	2.3	0.37	**2.1**	1.1	0.18	**V**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.36	2.3	0.36	<0.052	0.33	0.052	
75-01-4	Vinyl Chloride	<0.25	2.3	0.25	<0.096	0.91	0.096	
106-99-0	1,3-Butadiene	<0.38	2.3	0.38	<0.17	1.0	0.17	
74-83-9	Bromomethane	**1.8**	2.3	0.32	**0.47**	0.60	0.082	**J**
75-00-3	Chloroethane	**0.77**	2.3	0.29	**0.29**	0.89	0.11	**J**
64-17-5	Ethanol	**42**	22	1.6	**22**	12	0.85	
75-05-8	Acetonitrile	**1.2**	2.3	0.56	**0.71**	1.4	0.34	**J**
107-02-8	Acrolein	**6.0**	4.3	0.65	**2.6**	1.9	0.28	
67-64-1	Acetone	**79**	23	5.2	**33**	9.7	2.2	
75-69-4	Trichlorofluoromethane (CFC 11)	**3.2**	2.3	0.35	**0.57**	0.41	0.062	
67-63-0	2-Propanol (Isopropyl Alcohol)	**6.3**	9.1	0.95	**2.6**	3.7	0.39	**J**
107-13-1	Acrylonitrile	<0.48	2.3	0.48	<0.22	1.1	0.22	
75-35-4	1,1-Dichloroethene	<0.32	2.3	0.32	<0.081	0.59	0.081	
75-09-2	Methylene Chloride	**0.80**	2.3	0.65	**0.23**	0.66	0.19	**J**
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.31	2.3	0.31	<0.10	0.75	0.10	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.35**	2.3	0.33	**0.046**	0.30	0.043	**J**
75-15-0	Carbon Disulfide	**15**	4.8	0.69	**4.8**	1.5	0.22	
156-60-5	trans-1,2-Dichloroethene	<0.32	2.3	0.32	<0.081	0.59	0.081	
75-34-3	1,1-Dichloroethane	<0.34	2.4	0.34	<0.083	0.59	0.083	
1634-04-4	Methyl tert-Butyl Ether	**32**	2.3	0.27	**8.8**	0.65	0.076	**V**
108-05-4	Vinyl Acetate	**14**	23	5.2	**4.1**	6.6	1.5	**J**
78-93-3	2-Butanone (MEK)	**8.9**	4.8	0.48	**3.0**	1.6	0.16	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-56** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-008

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00604

Initial Pressure (psig): -2.13 Final Pressure (psig): 7.09

Canister Dilution Factor: 1.73

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.32	2.3	0.32	<0.082	0.58	0.082	
141-78-6	Ethyl Acetate	**110**	4.8	1.2	**31**	1.3	0.34	
110-54-3	n-Hexane	**1.4**	2.3	0.48	**0.39**	0.66	0.14	**J**
67-66-3	Chloroform	**1.3**	2.3	0.31	**0.26**	0.48	0.063	**J**
109-99-9	Tetrahydrofuran (THF)	**0.76**	2.4	0.29	**0.26**	0.81	0.098	**J**
107-06-2	1,2-Dichloroethane	<0.26	2.3	0.26	<0.063	0.58	0.063	
71-55-6	1,1,1-Trichloroethane	<0.29	2.3	0.29	<0.052	0.43	0.052	
71-43-2	Benzene	**1.0**	2.3	0.33	**0.32**	0.72	0.10	**J**
56-23-5	Carbon Tetrachloride	<0.32	2.3	0.32	<0.051	0.36	0.051	
110-82-7	Cyclohexane	**1.8**	4.8	0.65	**0.53**	1.4	0.19	**J**
78-87-5	1,2-Dichloropropane	<0.29	2.3	0.29	<0.062	0.51	0.062	
75-27-4	Bromodichloromethane	<0.33	2.3	0.33	<0.050	0.35	0.050	
79-01-6	Trichloroethene	**0.66**	2.3	0.31	**0.12**	0.43	0.058	**J**
123-91-1	1,4-Dioxane	**1.3**	2.3	0.27	**0.36**	0.65	0.076	**J**
80-62-6	Methyl Methacrylate	<0.82	4.8	0.82	<0.20	1.2	0.20	
142-82-5	n-Heptane	**2.5**	2.3	0.37	**0.62**	0.57	0.090	
10061-01-5	cis-1,3-Dichloropropene	<0.36	2.2	0.36	<0.079	0.50	0.079	
108-10-1	4-Methyl-2-pentanone	**0.83**	2.3	0.32	**0.20**	0.56	0.077	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.48	2.3	0.48	<0.10	0.51	0.10	
79-00-5	1,1,2-Trichloroethane	<0.23	2.3	0.23	<0.043	0.43	0.043	
108-88-3	Toluene	**8.1**	2.3	0.28	**2.1**	0.62	0.075	
591-78-6	2-Hexanone	**1.3**	2.3	0.29	**0.31**	0.57	0.070	**J**
124-48-1	Dibromochloromethane	<0.30	2.3	0.30	<0.036	0.27	0.036	
106-93-4	1,2-Dibromoethane	<0.27	2.3	0.27	<0.035	0.30	0.035	
123-86-4	n-Butyl Acetate	**1.6**	2.4	0.32	**0.33**	0.50	0.066	**J**

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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-56** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-008

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00604

Initial Pressure (psig): -2.13 Final Pressure (psig): 7.09

Canister Dilution Factor: 1.73

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**0.77**	2.3	0.52	**0.17**	0.50	0.11	**J**
127-18-4	Tetrachloroethene	**0.42**	2.2	0.30	**0.062**	0.33	0.044	**J**
108-90-7	Chlorobenzene	<0.31	2.3	0.31	<0.067	0.51	0.067	
100-41-4	Ethylbenzene	**0.70**	2.3	0.32	**0.16**	0.54	0.075	**J**
179601-23-1	m,p-Xylenes	**1.8**	4.8	0.61	**0.42**	1.1	0.14	**J**
75-25-2	Bromoform	<0.48	2.3	0.48	<0.046	0.23	0.046	
100-42-5	Styrene	**0.38**	2.3	0.37	**0.089**	0.54	0.087	**J**
95-47-6	o-Xylene	**0.58**	2.3	0.33	**0.13**	0.54	0.077	**J**
111-84-2	n-Nonane	<0.38	2.3	0.38	<0.073	0.45	0.073	
79-34-5	1,1,2,2-Tetrachloroethane	<0.32	2.3	0.32	<0.047	0.34	0.047	
98-82-8	Cumene	<0.33	2.3	0.33	<0.068	0.48	0.068	
80-56-8	alpha-Pinene	**6.2**	2.3	0.35	**1.1**	0.42	0.064	
103-65-1	n-Propylbenzene	<0.33	2.3	0.33	<0.068	0.48	0.068	
622-96-8	4-Ethyltoluene	<0.37	2.3	0.37	<0.075	0.48	0.075	
108-67-8	1,3,5-Trimethylbenzene	<0.33	2.3	0.33	<0.068	0.47	0.068	
95-63-6	1,2,4-Trimethylbenzene	<0.32	2.3	0.32	<0.065	0.48	0.065	
100-44-7	Benzyl Chloride	<0.52	4.8	0.52	<0.10	0.92	0.10	
541-73-1	1,3-Dichlorobenzene	<0.35	2.3	0.35	<0.058	0.39	0.058	
106-46-7	1,4-Dichlorobenzene	<0.35	2.3	0.35	<0.059	0.39	0.059	
95-50-1	1,2-Dichlorobenzene	<0.34	2.3	0.34	<0.057	0.39	0.057	
5989-27-5	d-Limonene	**110**	2.3	0.48	**21**	0.42	0.085	
96-12-8	1,2-Dibromo-3-chloropropane	<0.43	2.3	0.43	<0.045	0.24	0.045	
120-82-1	1,2,4-Trichlorobenzene	<0.56	2.3	0.56	<0.076	0.31	0.076	
91-20-3	Naphthalene	<0.56	2.2	0.56	<0.11	0.43	0.11	
87-68-3	Hexachlorobutadiene	<0.48	2.3	0.48	<0.045	0.21	0.045	

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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-78** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-009

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01369

Initial Pressure (psig): -3.52 Final Pressure (psig): 7.37

Canister Dilution Factor: 1.97

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.67**	2.6	0.64	**0.39**	1.5	0.37	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.7**	2.6	0.43	**0.55**	0.53	0.087	
74-87-3	Chloromethane	<0.42	2.6	0.42	<0.21	1.3	0.21	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.41	2.6	0.41	<0.059	0.37	0.059	
75-01-4	Vinyl Chloride	<0.28	2.7	0.28	<0.11	1.0	0.11	
106-99-0	1,3-Butadiene	<0.43	2.6	0.43	<0.20	1.2	0.20	
74-83-9	Bromomethane	<0.36	2.7	0.36	<0.094	0.69	0.094	
75-00-3	Chloroethane	<0.33	2.7	0.33	<0.12	1.0	0.12	
64-17-5	Ethanol	**23**	26	1.8	**12**	14	0.97	**J**
75-05-8	Acetonitrile	<0.64	2.6	0.64	<0.38	1.6	0.38	
107-02-8	Acrolein	**1.7**	4.9	0.74	**0.74**	2.1	0.32	**J**
67-64-1	Acetone	**14**	26	5.9	**6.0**	11	2.5	**J**
75-69-4	Trichlorofluoromethane (CFC 11)	**2.1**	2.6	0.40	**0.38**	0.46	0.071	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	<1.1	10	1.1	<0.44	4.2	0.44	
107-13-1	Acrylonitrile	<0.54	2.6	0.54	<0.25	1.2	0.25	
75-35-4	1,1-Dichloroethene	<0.36	2.7	0.36	<0.092	0.67	0.092	
75-09-2	Methylene Chloride	<0.74	2.6	0.74	<0.21	0.75	0.21	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.35	2.7	0.35	<0.11	0.85	0.11	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.37	2.7	0.37	<0.049	0.35	0.049	
75-15-0	Carbon Disulfide	**1.2**	5.4	0.79	**0.39**	1.7	0.25	**J**
156-60-5	trans-1,2-Dichloroethene	<0.36	2.7	0.36	<0.092	0.67	0.092	
75-34-3	1,1-Dichloroethane	<0.38	2.7	0.38	<0.095	0.67	0.095	
1634-04-4	Methyl tert-Butyl Ether	**2.1**	2.7	0.31	**0.57**	0.74	0.086	**J, V**
108-05-4	Vinyl Acetate	<5.9	27	5.9	<1.7	7.6	1.7	
78-93-3	2-Butanone (MEK)	**2.5**	5.4	0.54	**0.86**	1.8	0.18	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-78** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-009

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01369

Initial Pressure (psig): -3.52 Final Pressure (psig): 7.37

Canister Dilution Factor: 1.97

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.37	2.6	0.37	<0.093	0.66	0.093	
141-78-6	Ethyl Acetate	**3.3**	5.4	1.4	**0.91**	1.5	0.38	**J**
110-54-3	n-Hexane	<0.54	2.7	0.54	<0.15	0.75	0.15	
67-66-3	Chloroform	**1.0**	2.7	0.35	**0.21**	0.54	0.072	**J**
109-99-9	Tetrahydrofuran (THF)	<0.33	2.7	0.33	<0.11	0.92	0.11	
107-06-2	1,2-Dichloroethane	<0.29	2.7	0.29	<0.072	0.66	0.072	
71-55-6	1,1,1-Trichloroethane	<0.33	2.7	0.33	<0.060	0.49	0.060	
71-43-2	Benzene	<0.38	2.6	0.38	<0.12	0.82	0.12	
56-23-5	Carbon Tetrachloride	<0.36	2.6	0.36	<0.058	0.42	0.058	
110-82-7	Cyclohexane	<0.74	5.4	0.74	<0.21	1.6	0.21	
78-87-5	1,2-Dichloropropane	<0.33	2.7	0.33	<0.070	0.58	0.070	
75-27-4	Bromodichloromethane	<0.38	2.7	0.38	<0.057	0.40	0.057	
79-01-6	Trichloroethene	<0.35	2.7	0.35	<0.066	0.50	0.066	
123-91-1	1,4-Dioxane	<0.31	2.7	0.31	<0.086	0.74	0.086	
80-62-6	Methyl Methacrylate	<0.94	5.4	0.94	<0.23	1.3	0.23	
142-82-5	n-Heptane	**1.3**	2.7	0.42	**0.31**	0.65	0.10	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.41	2.6	0.41	<0.090	0.56	0.090	
108-10-1	4-Methyl-2-pentanone	<0.36	2.6	0.36	<0.088	0.64	0.088	
10061-02-6	trans-1,3-Dichloropropene	<0.54	2.6	0.54	<0.12	0.58	0.12	
79-00-5	1,1,2-Trichloroethane	<0.27	2.7	0.27	<0.049	0.49	0.049	
108-88-3	Toluene	**1.8**	2.7	0.32	**0.48**	0.71	0.085	**J**
591-78-6	2-Hexanone	**0.54**	2.7	0.33	**0.13**	0.65	0.079	**J**
124-48-1	Dibromochloromethane	<0.34	2.7	0.34	<0.040	0.31	0.040	
106-93-4	1,2-Dibromoethane	<0.31	2.7	0.31	<0.040	0.35	0.040	
123-86-4	n-Butyl Acetate	**0.43**	2.7	0.36	**0.090**	0.57	0.076	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-78** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-009

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01369

Initial Pressure (psig): -3.52 Final Pressure (psig): 7.37

Canister Dilution Factor: 1.97

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.59	2.7	0.59	<0.13	0.57	0.13	
127-18-4	Tetrachloroethene	<0.34	2.6	0.34	<0.050	0.38	0.050	
108-90-7	Chlorobenzene	<0.35	2.7	0.35	<0.076	0.58	0.076	
100-41-4	Ethylbenzene	<0.37	2.7	0.37	<0.085	0.61	0.085	
179601-23-1	m,p-Xylenes	**1.2**	5.4	0.69	**0.27**	1.2	0.16	**J**
75-25-2	Bromoform	<0.54	2.7	0.54	<0.052	0.26	0.052	
100-42-5	Styrene	**0.50**	2.6	0.42	**0.12**	0.61	0.10	**J**
95-47-6	o-Xylene	<0.38	2.7	0.38	<0.087	0.61	0.087	
111-84-2	n-Nonane	<0.44	2.7	0.44	<0.084	0.51	0.084	
79-34-5	1,1,2,2-Tetrachloroethane	<0.36	2.7	0.36	<0.053	0.39	0.053	
98-82-8	Cumene	<0.38	2.7	0.38	<0.077	0.54	0.077	
80-56-8	alpha-Pinene	<0.40	2.7	0.40	<0.073	0.48	0.073	
103-65-1	n-Propylbenzene	<0.38	2.7	0.38	<0.077	0.54	0.077	
622-96-8	4-Ethyltoluene	<0.42	2.7	0.42	<0.085	0.54	0.085	
108-67-8	1,3,5-Trimethylbenzene	<0.38	2.6	0.38	<0.077	0.53	0.077	
95-63-6	1,2,4-Trimethylbenzene	<0.36	2.7	0.36	<0.074	0.54	0.074	
100-44-7	Benzyl Chloride	<0.59	5.4	0.59	<0.11	1.0	0.11	
541-73-1	1,3-Dichlorobenzene	<0.39	2.7	0.39	<0.066	0.44	0.066	
106-46-7	1,4-Dichlorobenzene	<0.40	2.7	0.40	<0.067	0.44	0.067	
95-50-1	1,2-Dichlorobenzene	<0.39	2.7	0.39	<0.065	0.44	0.065	
5989-27-5	d-Limonene	<0.54	2.7	0.54	<0.097	0.48	0.097	
96-12-8	1,2-Dibromo-3-chloropropane	<0.49	2.6	0.49	<0.051	0.27	0.051	
120-82-1	1,2,4-Trichlorobenzene	<0.64	2.7	0.64	<0.086	0.36	0.086	
91-20-3	Naphthalene	<0.64	2.6	0.64	<0.12	0.49	0.12	
87-68-3	Hexachlorobutadiene	<0.54	2.6	0.54	<0.051	0.24	0.051	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P200616-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.13	0.53	0.13	<0.076	0.31	0.076	
75-71-8	Dichlorodifluoromethane (CFC 12)	<0.087	0.53	0.087	<0.018	0.11	0.018	
74-87-3	Chloromethane	<0.086	0.53	0.086	<0.042	0.26	0.042	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.084	0.53	0.084	<0.012	0.076	0.012	
75-01-4	Vinyl Chloride	<0.057	0.54	0.057	<0.022	0.21	0.022	
106-99-0	1,3-Butadiene	<0.088	0.53	0.088	<0.040	0.24	0.040	
74-83-9	Bromomethane	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-00-3	Chloroethane	<0.066	0.54	0.066	<0.025	0.20	0.025	
64-17-5	Ethanol	<0.37	5.2	0.37	<0.20	2.8	0.20	
75-05-8	Acetonitrile	<0.13	0.53	0.13	<0.077	0.32	0.077	
107-02-8	Acrolein	<0.15	1.0	0.15	<0.065	0.44	0.065	
67-64-1	Acetone	<1.2	5.3	1.2	<0.51	2.2	0.51	
75-69-4	Trichlorofluoromethane (CFC 11)	<0.081	0.53	0.081	<0.014	0.094	0.014	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.22	2.1	0.22	<0.090	0.85	0.090	
107-13-1	Acrylonitrile	<0.11	0.53	0.11	<0.051	0.24	0.051	
75-35-4	1,1-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-09-2	Methylene Chloride	<0.15	0.53	0.15	<0.043	0.15	0.043	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.072	0.54	0.072	<0.023	0.17	0.023	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.076	0.54	0.076	<0.0099	0.070	0.0099	
75-15-0	Carbon Disulfide	<0.16	1.1	0.16	<0.051	0.35	0.051	
156-60-5	trans-1,2-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-34-3	1,1-Dichloroethane	<0.078	0.55	0.078	<0.019	0.14	0.019	
1634-04-4	Methyl tert-Butyl Ether	<0.063	0.54	0.063	<0.017	0.15	0.017	
108-05-4	Vinyl Acetate	<1.2	5.4	1.2	<0.34	1.5	0.34	
78-93-3	2-Butanone (MEK)	<0.11	1.1	0.11	<0.037	0.37	0.037	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003111

Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P200616-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA

Analyst: Lusine Hakobyan Date Analyzed: 6/16/20

Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.075	0.53	0.075	<0.019	0.13	0.019	
141-78-6	Ethyl Acetate	<0.28	1.1	0.28	<0.078	0.31	0.078	
110-54-3	n-Hexane	<0.11	0.54	0.11	<0.031	0.15	0.031	
67-66-3	Chloroform	<0.071	0.54	0.071	<0.015	0.11	0.015	
109-99-9	Tetrahydrofuran (THF)	<0.067	0.55	0.067	<0.023	0.19	0.023	
107-06-2	1,2-Dichloroethane	<0.059	0.54	0.059	<0.015	0.13	0.015	
71-55-6	1,1,1-Trichloroethane	<0.066	0.54	0.066	<0.012	0.099	0.012	
71-43-2	Benzene	<0.077	0.53	0.077	<0.024	0.17	0.024	
56-23-5	Carbon Tetrachloride	<0.074	0.53	0.074	<0.012	0.084	0.012	
110-82-7	Cyclohexane	<0.15	1.1	0.15	<0.044	0.32	0.044	
78-87-5	1,2-Dichloropropane	<0.066	0.54	0.066	<0.014	0.12	0.014	
75-27-4	Bromodichloromethane	<0.077	0.54	0.077	<0.011	0.081	0.011	
79-01-6	Trichloroethene	<0.072	0.54	0.072	<0.013	0.10	0.013	
123-91-1	1,4-Dioxane	<0.063	0.54	0.063	<0.017	0.15	0.017	
80-62-6	Methyl Methacrylate	<0.19	1.1	0.19	<0.046	0.27	0.046	
142-82-5	n-Heptane	<0.085	0.54	0.085	<0.021	0.13	0.021	
10061-01-5	cis-1,3-Dichloropropene	<0.083	0.52	0.083	<0.018	0.11	0.018	
108-10-1	4-Methyl-2-pentanone	<0.073	0.53	0.073	<0.018	0.13	0.018	
10061-02-6	trans-1,3-Dichloropropene	<0.11	0.53	0.11	<0.024	0.12	0.024	
79-00-5	1,1,2-Trichloroethane	<0.054	0.54	0.054	<0.0099	0.099	0.0099	
108-88-3	Toluene	<0.065	0.54	0.065	<0.017	0.14	0.017	
591-78-6	2-Hexanone	<0.066	0.54	0.066	<0.016	0.13	0.016	
124-48-1	Dibromochloromethane	<0.070	0.54	0.070	<0.0082	0.063	0.0082	
106-93-4	1,2-Dibromoethane	<0.062	0.54	0.062	<0.0081	0.070	0.0081	
123-86-4	n-Butyl Acetate	<0.073	0.55	0.073	<0.015	0.12	0.015	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003111

Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P200616-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA

Analyst: Lusine Hakobyan Date Analyzed: 6/16/20

Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.12	0.54	0.12	<0.026	0.12	0.026	
127-18-4	Tetrachloroethene	<0.069	0.52	0.069	<0.010	0.077	0.010	
108-90-7	Chlorobenzene	<0.071	0.54	0.071	<0.015	0.12	0.015	
100-41-4	Ethylbenzene	<0.075	0.54	0.075	<0.017	0.12	0.017	
179601-23-1	m,p-Xylenes	<0.14	1.1	0.14	<0.032	0.25	0.032	
75-25-2	Bromoform	<0.11	0.54	0.11	<0.011	0.052	0.011	
100-42-5	Styrene	<0.086	0.53	0.086	<0.020	0.12	0.020	
95-47-6	o-Xylene	<0.077	0.54	0.077	<0.018	0.12	0.018	
111-84-2	n-Nonane	<0.089	0.54	0.089	<0.017	0.10	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	<0.074	0.54	0.074	<0.011	0.079	0.011	
98-82-8	Cumene	<0.077	0.54	0.077	<0.016	0.11	0.016	
80-56-8	alpha-Pinene	<0.082	0.54	0.082	<0.015	0.097	0.015	
103-65-1	n-Propylbenzene	<0.077	0.54	0.077	<0.016	0.11	0.016	
622-96-8	4-Ethyltoluene	<0.085	0.54	0.085	<0.017	0.11	0.017	
108-67-8	1,3,5-Trimethylbenzene	<0.077	0.53	0.077	<0.016	0.11	0.016	
95-63-6	1,2,4-Trimethylbenzene	<0.074	0.54	0.074	<0.015	0.11	0.015	
100-44-7	Benzyl Chloride	<0.12	1.1	0.12	<0.023	0.21	0.023	
541-73-1	1,3-Dichlorobenzene	<0.080	0.54	0.080	<0.013	0.090	0.013	
106-46-7	1,4-Dichlorobenzene	<0.082	0.54	0.082	<0.014	0.090	0.014	
95-50-1	1,2-Dichlorobenzene	<0.079	0.54	0.079	<0.013	0.090	0.013	
5989-27-5	d-Limonene	<0.11	0.54	0.11	<0.020	0.097	0.020	
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.53	0.10	<0.010	0.055	0.010	
120-82-1	1,2,4-Trichlorobenzene	<0.13	0.54	0.13	<0.018	0.073	0.018	
91-20-3	Naphthalene	<0.13	0.52	0.13	<0.025	0.099	0.025	
87-68-3	Hexachlorobutadiene	<0.11	0.53	0.11	<0.010	0.050	0.010	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003111

Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P200617-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA

Analyst: Wida Ang Date Analyzed: 6/17/20

Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.13	0.53	0.13	<0.076	0.31	0.076	
75-71-8	Dichlorodifluoromethane (CFC 12)	<0.087	0.53	0.087	<0.018	0.11	0.018	
74-87-3	Chloromethane	<0.086	0.53	0.086	<0.042	0.26	0.042	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.084	0.53	0.084	<0.012	0.076	0.012	
75-01-4	Vinyl Chloride	<0.057	0.54	0.057	<0.022	0.21	0.022	
106-99-0	1,3-Butadiene	<0.088	0.53	0.088	<0.040	0.24	0.040	
74-83-9	Bromomethane	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-00-3	Chloroethane	<0.066	0.54	0.066	<0.025	0.20	0.025	
64-17-5	Ethanol	<0.37	5.2	0.37	<0.20	2.8	0.20	
75-05-8	Acetonitrile	<0.13	0.53	0.13	<0.077	0.32	0.077	
107-02-8	Acrolein	<0.15	1.0	0.15	<0.065	0.44	0.065	
67-64-1	Acetone	<1.2	5.3	1.2	<0.51	2.2	0.51	
75-69-4	Trichlorofluoromethane (CFC 11)	<0.081	0.53	0.081	<0.014	0.094	0.014	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.22	2.1	0.22	<0.090	0.85	0.090	
107-13-1	Acrylonitrile	<0.11	0.53	0.11	<0.051	0.24	0.051	
75-35-4	1,1-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-09-2	Methylene Chloride	<0.15	0.53	0.15	<0.043	0.15	0.043	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.072	0.54	0.072	<0.023	0.17	0.023	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.076	0.54	0.076	<0.0099	0.070	0.0099	
75-15-0	Carbon Disulfide	<0.16	1.1	0.16	<0.051	0.35	0.051	
156-60-5	trans-1,2-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-34-3	1,1-Dichloroethane	<0.078	0.55	0.078	<0.019	0.14	0.019	
1634-04-4	Methyl tert-Butyl Ether	<0.063	0.54	0.063	<0.017	0.15	0.017	**L**
108-05-4	Vinyl Acetate	<1.2	5.4	1.2	<0.34	1.5	0.34	
78-93-3	2-Butanone (MEK)	<0.11	1.1	0.11	<0.037	0.37	0.037	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

L = Laboratory control sample recovery outside the specified limits, results may be biased high.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003111

Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P200617-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA

Analyst: Wida Ang Date Analyzed: 6/17/20

Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.075	0.53	0.075	<0.019	0.13	0.019	
141-78-6	Ethyl Acetate	<0.28	1.1	0.28	<0.078	0.31	0.078	
110-54-3	n-Hexane	<0.11	0.54	0.11	<0.031	0.15	0.031	
67-66-3	Chloroform	<0.071	0.54	0.071	<0.015	0.11	0.015	
109-99-9	Tetrahydrofuran (THF)	<0.067	0.55	0.067	<0.023	0.19	0.023	
107-06-2	1,2-Dichloroethane	<0.059	0.54	0.059	<0.015	0.13	0.015	
71-55-6	1,1,1-Trichloroethane	<0.066	0.54	0.066	<0.012	0.099	0.012	
71-43-2	Benzene	<0.077	0.53	0.077	<0.024	0.17	0.024	
56-23-5	Carbon Tetrachloride	<0.074	0.53	0.074	<0.012	0.084	0.012	
110-82-7	Cyclohexane	<0.15	1.1	0.15	<0.044	0.32	0.044	
78-87-5	1,2-Dichloropropane	<0.066	0.54	0.066	<0.014	0.12	0.014	
75-27-4	Bromodichloromethane	<0.077	0.54	0.077	<0.011	0.081	0.011	
79-01-6	Trichloroethene	<0.072	0.54	0.072	<0.013	0.10	0.013	
123-91-1	1,4-Dioxane	<0.063	0.54	0.063	<0.017	0.15	0.017	
80-62-6	Methyl Methacrylate	<0.19	1.1	0.19	<0.046	0.27	0.046	
142-82-5	n-Heptane	<0.085	0.54	0.085	<0.021	0.13	0.021	
10061-01-5	cis-1,3-Dichloropropene	<0.083	0.52	0.083	<0.018	0.11	0.018	
108-10-1	4-Methyl-2-pentanone	<0.073	0.53	0.073	<0.018	0.13	0.018	
10061-02-6	trans-1,3-Dichloropropene	<0.11	0.53	0.11	<0.024	0.12	0.024	
79-00-5	1,1,2-Trichloroethane	<0.054	0.54	0.054	<0.0099	0.099	0.0099	
108-88-3	Toluene	<0.065	0.54	0.065	<0.017	0.14	0.017	
591-78-6	2-Hexanone	<0.066	0.54	0.066	<0.016	0.13	0.016	
124-48-1	Dibromochloromethane	<0.070	0.54	0.070	<0.0082	0.063	0.0082	
106-93-4	1,2-Dibromoethane	<0.062	0.54	0.062	<0.0081	0.070	0.0081	
123-86-4	n-Butyl Acetate	<0.073	0.55	0.073	<0.015	0.12	0.015	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003111

Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P200617-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA

Analyst: Wida Ang Date Analyzed: 6/17/20

Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.12	0.54	0.12	<0.026	0.12	0.026	
127-18-4	Tetrachloroethene	<0.069	0.52	0.069	<0.010	0.077	0.010	
108-90-7	Chlorobenzene	<0.071	0.54	0.071	<0.015	0.12	0.015	
100-41-4	Ethylbenzene	<0.075	0.54	0.075	<0.017	0.12	0.017	
179601-23-1	m,p-Xylenes	<0.14	1.1	0.14	<0.032	0.25	0.032	
75-25-2	Bromoform	<0.11	0.54	0.11	<0.011	0.052	0.011	
100-42-5	Styrene	<0.086	0.53	0.086	<0.020	0.12	0.020	
95-47-6	o-Xylene	<0.077	0.54	0.077	<0.018	0.12	0.018	
111-84-2	n-Nonane	<0.089	0.54	0.089	<0.017	0.10	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	<0.074	0.54	0.074	<0.011	0.079	0.011	
98-82-8	Cumene	<0.077	0.54	0.077	<0.016	0.11	0.016	
80-56-8	alpha-Pinene	<0.082	0.54	0.082	<0.015	0.097	0.015	
103-65-1	n-Propylbenzene	<0.077	0.54	0.077	<0.016	0.11	0.016	
622-96-8	4-Ethyltoluene	<0.085	0.54	0.085	<0.017	0.11	0.017	
108-67-8	1,3,5-Trimethylbenzene	<0.077	0.53	0.077	<0.016	0.11	0.016	
95-63-6	1,2,4-Trimethylbenzene	<0.074	0.54	0.074	<0.015	0.11	0.015	
100-44-7	Benzyl Chloride	<0.12	1.1	0.12	<0.023	0.21	0.023	
541-73-1	1,3-Dichlorobenzene	<0.080	0.54	0.080	<0.013	0.090	0.013	
106-46-7	1,4-Dichlorobenzene	<0.082	0.54	0.082	<0.014	0.090	0.014	
95-50-1	1,2-Dichlorobenzene	<0.079	0.54	0.079	<0.013	0.090	0.013	
5989-27-5	d-Limonene	<0.11	0.54	0.11	<0.020	0.097	0.020	
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.53	0.10	<0.010	0.055	0.010	
120-82-1	1,2,4-Trichlorobenzene	<0.13	0.54	0.13	<0.018	0.073	0.018	
91-20-3	Naphthalene	<0.13	0.52	0.13	<0.025	0.099	0.025	
87-68-3	Hexachlorobutadiene	<0.11	0.53	0.11	<0.010	0.050	0.010	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Project ID: P2003111

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date(s) Collected: 6/3/20
Analyst: Lusine Hakobyan Date(s) Received: 6/5/20
Sample Type: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 6/16 - 6/17/20
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P200616-MB	**116**	**91**	**87**	70-130	
Method Blank	P200617-MB	**117**	**91**	**86**	70-130	
Lab Control Sample	P200616-LCS	**119**	**91**	**88**	70-130	
Lab Control Sample	P200617-LCS	**118**	**92**	**85**	70-130	
SG-114	P2003111-001	**123**	**91**	**83**	70-130	
SG-23	P2003111-002	**123**	**92**	**84**	70-130	
SG-80	P2003111-003	**120**	**92**	**83**	70-130	
SG-21	P2003111-004	**120**	**90**	**83**	70-130	
SG-57	P2003111-005	**119**	**92**	**82**	70-130	
SG-58	P2003111-006	**118**	**92**	**82**	70-130	
SG-58	P2003111-006DUP	**117**	**93**	**83**	70-130	
SG-20	P2003111-007	**118**	**94**	**84**	70-130	
SG-56	P2003111-008	**118**	**92**	**86**	70-130	
SG-78	P2003111-009	**118**	**93**	**84**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P200616-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
115-07-1	Propene	210	**261**	**124**	51-133	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**210**	**100**	64-115	
74-87-3	Chloromethane	212	**231**	**109**	49-127	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	206	**179**	**87**	65-114	
75-01-4	Vinyl Chloride	212	**240**	**113**	61-129	
106-99-0	1,3-Butadiene	212	**262**	**124**	54-140	
74-83-9	Bromomethane	212	**205**	**97**	68-120	
75-00-3	Chloroethane	214	**218**	**102**	63-123	
64-17-5	Ethanol	1,060	**1120**	**106**	49-134	
75-05-8	Acetonitrile	214	**228**	**107**	50-137	
107-02-8	Acrolein	206	**211**	**102**	62-128	
67-64-1	Acetone	1,070	**1120**	**105**	56-125	
75-69-4	Trichlorofluoromethane (CFC 11)	212	**203**	**96**	64-115	
67-63-0	2-Propanol (Isopropyl Alcohol)	422	**450**	**107**	57-133	
107-13-1	Acrylonitrile	212	**251**	**118**	64-136	
75-35-4	1,1-Dichloroethene	214	**211**	**99**	67-115	
75-09-2	Methylene Chloride	210	**202**	**96**	68-114	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	214	**227**	**106**	55-139	
76-13-1	Trichlorotrifluoroethane (CFC 113)	216	**168**	**78**	65-115	
75-15-0	Carbon Disulfide	212	**192**	**91**	68-113	
156-60-5	trans-1,2-Dichloroethene	214	**235**	**110**	65-122	
75-34-3	1,1-Dichloroethane	212	**213**	**100**	63-118	
1634-04-4	Methyl tert-Butyl Ether	214	**255**	**119**	57-131	
108-05-4	Vinyl Acetate	1,070	**849**	**79**	71-128	
78-93-3	2-Butanone (MEK)	212	**216**	**102**	67-123	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P200616-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
156-59-2	cis-1,2-Dichloroethene	212	**226**	**107**	64-120	
141-78-6	Ethyl Acetate	432	**500**	**116**	64-131	
110-54-3	n-Hexane	216	**238**	**110**	58-125	
67-66-3	Chloroform	214	**212**	**99**	65-114	
109-99-9	Tetrahydrofuran (THF)	220	**221**	**100**	65-115	
107-06-2	1,2-Dichloroethane	214	**224**	**105**	59-119	
71-55-6	1,1,1-Trichloroethane	214	**211**	**99**	66-115	
71-43-2	Benzene	210	**198**	**94**	66-109	
56-23-5	Carbon Tetrachloride	208	**195**	**94**	66-119	
110-82-7	Cyclohexane	422	**408**	**97**	67-117	
78-87-5	1,2-Dichloropropane	214	**217**	**101**	66-119	
75-27-4	Bromodichloromethane	218	**215**	**99**	71-119	
79-01-6	Trichloroethene	216	**185**	**86**	70-114	
123-91-1	1,4-Dioxane	216	**214**	**99**	71-117	
80-62-6	Methyl Methacrylate	430	**403**	**94**	76-121	
142-82-5	n-Heptane	214	**221**	**103**	66-119	
10061-01-5	cis-1,3-Dichloropropene	214	**235**	**110**	72-125	
108-10-1	4-Methyl-2-pentanone	212	**226**	**107**	68-130	
10061-02-6	trans-1,3-Dichloropropene	212	**225**	**106**	71-132	
79-00-5	1,1,2-Trichloroethane	214	**200**	**93**	70-117	
108-88-3	Toluene	212	**174**	**82**	67-113	
591-78-6	2-Hexanone	216	**219**	**101**	62-135	
124-48-1	Dibromochloromethane	214	**179**	**84**	73-126	
106-93-4	1,2-Dibromoethane	214	**180**	**84**	71-122	
123-86-4	n-Butyl Acetate	218	**224**	**103**	65-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P200616-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 6/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
111-65-9	n-Octane	216	**207**	**96**	63-120	
127-18-4	Tetrachloroethene	208	**151**	**73**	64-120	
108-90-7	Chlorobenzene	214	**162**	**76**	65-116	
100-41-4	Ethylbenzene	212	**186**	**88**	65-117	
179601-23-1	m,p-Xylenes	426	**371**	**87**	64-121	
75-25-2	Bromoform	214	**177**	**83**	72-130	
100-42-5	Styrene	212	**186**	**88**	72-126	
95-47-6	o-Xylene	214	**186**	**87**	64-120	
111-84-2	n-Nonane	214	**227**	**106**	56-132	
79-34-5	1,1,2,2-Tetrachloroethane	214	**190**	**89**	66-122	
98-82-8	Cumene	214	**178**	**83**	64-121	
80-56-8	alpha-Pinene	212	**182**	**86**	62-136	
103-65-1	n-Propylbenzene	214	**187**	**87**	65-123	
622-96-8	4-Ethyltoluene	210	**174**	**83**	71-126	
108-67-8	1,3,5-Trimethylbenzene	212	**178**	**84**	65-120	
95-63-6	1,2,4-Trimethylbenzene	212	**196**	**92**	63-129	
100-44-7	Benzyl Chloride	214	**173**	**81**	66-138	
541-73-1	1,3-Dichlorobenzene	214	**156**	**73**	65-127	
106-46-7	1,4-Dichlorobenzene	214	**147**	**69**	65-125	
95-50-1	1,2-Dichlorobenzene	214	**164**	**77**	67-128	
5989-27-5	d-Limonene	212	**218**	**103**	65-136	
96-12-8	1,2-Dibromo-3-chloropropane	214	**164**	**77**	73-133	
120-82-1	1,2,4-Trichlorobenzene	216	**141**	**65**	62-140	
91-20-3	Naphthalene	212	**154**	**73**	57-149	
87-68-3	Hexachlorobutadiene	214	**144**	**67**	57-129	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P200617-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/17/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
115-07-1	Propene	210	**259**	**123**	51-133	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**209**	**100**	64-115	
74-87-3	Chloromethane	212	**251**	**118**	49-127	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	206	**177**	**86**	65-114	
75-01-4	Vinyl Chloride	212	**242**	**114**	61-129	
106-99-0	1,3-Butadiene	212	**268**	**126**	54-140	
74-83-9	Bromomethane	212	**205**	**97**	68-120	
75-00-3	Chloroethane	214	**221**	**103**	63-123	
64-17-5	Ethanol	1,060	**1200**	**113**	49-134	
75-05-8	Acetonitrile	214	**235**	**110**	50-137	
107-02-8	Acrolein	206	**240**	**117**	62-128	
67-64-1	Acetone	1,070	**1140**	**107**	56-125	
75-69-4	Trichlorofluoromethane (CFC 11)	212	**205**	**97**	64-115	
67-63-0	2-Propanol (Isopropyl Alcohol)	422	**485**	**115**	57-133	
107-13-1	Acrylonitrile	212	**258**	**122**	64-136	
75-35-4	1,1-Dichloroethene	214	**212**	**99**	67-115	
75-09-2	Methylene Chloride	210	**203**	**97**	68-114	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	214	**232**	**108**	55-139	
76-13-1	Trichlorotrifluoroethane (CFC 113)	216	**169**	**78**	65-115	
75-15-0	Carbon Disulfide	212	**194**	**92**	68-113	
156-60-5	trans-1,2-Dichloroethene	214	**238**	**111**	65-122	
75-34-3	1,1-Dichloroethane	212	**215**	**101**	63-118	
1634-04-4	Methyl tert-Butyl Ether	214	**293**	**137**	57-131	**L**
108-05-4	Vinyl Acetate	1,070	**1090**	**102**	71-128	
78-93-3	2-Butanone (MEK)	212	**224**	**106**	67-123	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P200617-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/17/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
156-59-2	cis-1,2-Dichloroethene	212	**230**	**108**	64-120	
141-78-6	Ethyl Acetate	432	**507**	**117**	64-131	
110-54-3	n-Hexane	216	**241**	**112**	58-125	
67-66-3	Chloroform	214	**214**	**100**	65-114	
109-99-9	Tetrahydrofuran (THF)	220	**227**	**103**	65-115	
107-06-2	1,2-Dichloroethane	214	**228**	**107**	59-119	
71-55-6	1,1,1-Trichloroethane	214	**214**	**100**	66-115	
71-43-2	Benzene	210	**200**	**95**	66-109	
56-23-5	Carbon Tetrachloride	208	**200**	**96**	66-119	
110-82-7	Cyclohexane	422	**415**	**98**	67-117	
78-87-5	1,2-Dichloropropane	214	**218**	**102**	66-119	
75-27-4	Bromodichloromethane	218	**216**	**99**	71-119	
79-01-6	Trichloroethene	216	**185**	**86**	70-114	
123-91-1	1,4-Dioxane	216	**222**	**103**	71-117	
80-62-6	Methyl Methacrylate	430	**416**	**97**	76-121	
142-82-5	n-Heptane	214	**223**	**104**	66-119	
10061-01-5	cis-1,3-Dichloropropene	214	**243**	**114**	72-125	
108-10-1	4-Methyl-2-pentanone	212	**236**	**111**	68-130	
10061-02-6	trans-1,3-Dichloropropene	212	**238**	**112**	71-132	
79-00-5	1,1,2-Trichloroethane	214	**202**	**94**	70-117	
108-88-3	Toluene	212	**178**	**84**	67-113	
591-78-6	2-Hexanone	216	**241**	**112**	62-135	
124-48-1	Dibromochloromethane	214	**180**	**84**	73-126	
106-93-4	1,2-Dibromoethane	214	**188**	**88**	71-122	
123-86-4	n-Butyl Acetate	218	**241**	**111**	65-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P200617-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 6/17/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
111-65-9	n-Octane	216	**212**	**98**	63-120	
127-18-4	Tetrachloroethene	208	**153**	**74**	64-120	
108-90-7	Chlorobenzene	214	**169**	**79**	65-116	
100-41-4	Ethylbenzene	212	**190**	**90**	65-117	
179601-23-1	m,p-Xylenes	426	**384**	**90**	64-121	
75-25-2	Bromoform	214	**182**	**85**	72-130	
100-42-5	Styrene	212	**202**	**95**	72-126	
95-47-6	o-Xylene	214	**191**	**89**	64-120	
111-84-2	n-Nonane	214	**233**	**109**	56-132	
79-34-5	1,1,2,2-Tetrachloroethane	214	**197**	**92**	66-122	
98-82-8	Cumene	214	**183**	**86**	64-121	
80-56-8	alpha-Pinene	212	**191**	**90**	62-136	
103-65-1	n-Propylbenzene	214	**193**	**90**	65-123	
622-96-8	4-Ethyltoluene	210	**184**	**88**	71-126	
108-67-8	1,3,5-Trimethylbenzene	212	**185**	**87**	65-120	
95-63-6	1,2,4-Trimethylbenzene	212	**206**	**97**	63-129	
100-44-7	Benzyl Chloride	214	**228**	**107**	66-138	
541-73-1	1,3-Dichlorobenzene	214	**174**	**81**	65-127	
106-46-7	1,4-Dichlorobenzene	214	**171**	**80**	65-125	
95-50-1	1,2-Dichlorobenzene	214	**178**	**83**	67-128	
5989-27-5	d-Limonene	212	**232**	**109**	65-136	
96-12-8	1,2-Dibromo-3-chloropropane	214	**184**	**86**	73-133	
120-82-1	1,2,4-Trichlorobenzene	216	**192**	**89**	62-140	
91-20-3	Naphthalene	212	**239**	**113**	57-149	
87-68-3	Hexachlorobutadiene	214	**158**	**74**	57-129	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-58** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-006DUP

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.040 Liter(s)
Test Notes:
Container ID: 1SC00158

Initial Pressure (psig): -1.93 Final Pressure (psig): 5.86

Canister Dilution Factor: 1.61

Compound	Sample Result µg/m³	Sample Result ppbV	Duplicate Sample Result µg/m³	Duplicate Sample Result ppbV	Average µg/m³	% RPD	RPD Limit	Data Qualifier
Propene	106	61.4	93.4	54.3	99.7	**13**	25	
Dichlorodifluoromethane (CFC 12)	<3.5	<0.71	<3.5	<0.71	-	-	25	**J**
Chloromethane	<3.5	<1.7	<3.5	<1.7	-	-	25	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<3.4	<0.48	<3.4	<0.48	-	-	25	
Vinyl Chloride	<2.3	<0.90	<2.3	<0.90	-	-	25	
1,3-Butadiene	<3.5	<1.6	<3.5	<1.6	-	-	25	
Bromomethane	<3.0	<0.77	<3.0	<0.77	-	-	25	
Chloroethane	<2.7	<1.0	<2.7	<1.0	-	-	25	
Ethanol	132	70.1	92.5	49.1	112.25	**35**	25	**J, R1**
Acetonitrile	<5.2	<3.1	<5.2	<3.1	-	-	25	
Acrolein	<6.0	<2.6	<6.0	<2.6	-	-	25	
Acetone	75.4	31.8	51.5	21.7	63.45	**38**	25	**J, R1**
Trichlorofluoromethane	<3.3	<0.58	<3.3	<0.58	-	-	25	
2-Propanol (Isopropyl Alcohol)	<8.9	<3.6	<8.9	<3.6	-	-	25	
Acrylonitrile	<4.4	<2.0	<4.4	<2.0	-	-	25	
1,1-Dichloroethene	<3.0	<0.75	<3.0	<0.75	-	-	25	
Methylene Chloride	15.5	4.46	<6.0	<1.7	-	-	25	
3-Chloro-1-propene (Allyl Chloride)	<2.9	<0.93	<2.9	<0.93	-	-	25	
Trichlorotrifluoroethane	<3.1	<0.40	<3.1	<0.40	-	-	25	
Carbon Disulfide	6.84	2.20	<6.4	<2.1	-	-	25	
trans-1,2-Dichloroethene	<3.0	<0.75	<3.0	<0.75	-	-	25	
1,1-Dichloroethane	<3.1	<0.78	<3.1	<0.78	-	-	25	
Methyl tert-Butyl Ether	<2.5	<0.70	<2.5	<0.70	-	-	25	
Vinyl Acetate	<48	<14	<48	<14	-	-	25	
2-Butanone (MEK)	<4.4	<1.5	<4.4	<1.5	-	-	25	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
R1 = Duplicate precision not within the specified limits; however, the results are below the MRL and considered estimated.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-58** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-006DUP

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.040 Liter(s)
Test Notes:
Container ID: 1SC00158

Initial Pressure (psig): -1.93 Final Pressure (psig): 5.86

Canister Dilution Factor: 1.61

Compound	Sample Result µg/m³	Sample Result ppbV	Duplicate Sample Result µg/m³	Duplicate Sample Result ppbV	Average µg/m³	% RPD	RPD Limit	Data Qualifier
cis-1,2-Dichloroethene	<3.0	<0.76	<3.0	<0.76	-	-	25	
Ethyl Acetate	14.7	4.09	<11	<3.1	-	-	25	
n-Hexane	9.30	2.64	8.69	2.47	8.995	**7**	25	**J**
Chloroform	<2.9	<0.59	<2.9	<0.59	-	-	25	
Tetrahydrofuran (THF)	<2.7	<0.91	<2.7	<0.91	-	-	25	
1,2-Dichloroethane	<2.4	<0.59	<2.4	<0.59	-	-	25	
1,1,1-Trichloroethane	<2.7	<0.49	<2.7	<0.49	-	-	25	
Benzene	<3.1	<0.97	<3.1	<0.97	-	-	25	
Carbon Tetrachloride	<3.0	<0.47	<3.0	<0.47	-	-	25	
Cyclohexane	<6.0	<1.8	<6.0	<1.8	-	-	25	
1,2-Dichloropropane	<2.7	<0.58	<2.7	<0.58	-	-	25	
Bromodichloromethane	<3.1	<0.46	<3.1	<0.46	-	-	25	
Trichloroethene	<2.9	<0.54	<2.9	<0.54	-	-	25	
1,4-Dioxane	<2.5	<0.70	<2.5	<0.70	-	-	25	
Methyl Methacrylate	<7.6	<1.9	<7.6	<1.9	-	-	25	
n-Heptane	<3.4	<0.84	<3.4	<0.84	-	-	25	
cis-1,3-Dichloropropene	<3.3	<0.74	<3.3	<0.74	-	-	25	
4-Methyl-2-pentanone	<2.9	<0.72	<2.9	<0.72	-	-	25	
trans-1,3-Dichloropropene	<4.4	<0.98	<4.4	<0.98	-	-	25	
1,1,2-Trichloroethane	<2.2	<0.40	<2.2	<0.40	-	-	25	
Toluene	16.2	4.30	15.3	4.07	15.75	**6**	25	**J**
2-Hexanone	<2.7	<0.65	<2.7	<0.65	-	-	25	
Dibromochloromethane	<2.8	<0.33	<2.8	<0.33	-	-	25	
1,2-Dibromoethane	<2.5	<0.32	<2.5	<0.32	-	-	25	
n-Butyl Acetate	<2.9	<0.62	<2.9	<0.62	-	-	25	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-58** ALS Project ID: P2003111
Client Project ID: **Tel Hashomer / KTE-52-20-Simi** ALS Sample ID: P2003111-006DUP

Test Code: EPA TO-15 Date Collected: 6/3/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 6/5/20
Analyst: Wida Ang Date Analyzed: 6/16/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.040 Liter(s)
Test Notes:
Container ID: 1SC00158

Initial Pressure (psig): -1.93 Final Pressure (psig): 5.86

Canister Dilution Factor: 1.61

Compound	Sample Result µg/m³	Sample Result ppbV	Duplicate Sample Result µg/m³	Duplicate Sample Result ppbV	Average µg/m³	% RPD	RPD Limit	Data Qualifier
n-Octane	<4.8	<1.0	<4.8	<1.0	-	-	25	
Tetrachloroethene	<2.8	<0.41	<2.8	<0.41	-	-	25	
Chlorobenzene	<2.9	<0.62	<2.9	<0.62	-	-	25	
Ethylbenzene	<3.0	<0.70	<3.0	<0.70	-	-	25	
m,p-Xylenes	7.04	1.62	6.60	1.52	6.82	**6**	25	**J**
Bromoform	<4.4	<0.43	<4.4	<0.43	-	-	25	
Styrene	<3.5	<0.81	<3.5	<0.81	-	-	25	
o-Xylene	<3.1	<0.71	<3.1	<0.71	-	-	25	
n-Nonane	<3.6	<0.68	<3.6	<0.68	-	-	25	
1,1,2,2-Tetrachloroethane	<3.0	<0.43	<3.0	<0.43	-	-	25	
Cumene	<3.1	<0.63	<3.1	<0.63	-	-	25	
alpha-Pinene	<3.3	<0.59	<3.3	<0.59	-	-	25	
n-Propylbenzene	<3.1	<0.63	<3.1	<0.63	-	-	25	
4-Ethyltoluene	<3.4	<0.70	<3.4	<0.70	-	-	25	
1,3,5-Trimethylbenzene	<3.1	<0.63	<3.1	<0.63	-	-	25	
1,2,4-Trimethylbenzene	3.06	0.622	<3.0	<0.61	-	-	25	
Benzyl Chloride	<4.8	<0.93	<4.8	<0.93	-	-	25	
1,3-Dichlorobenzene	<3.2	<0.54	<3.2	<0.54	-	-	25	
1,4-Dichlorobenzene	<3.3	<0.55	<3.3	<0.55	-	-	25	
1,2-Dichlorobenzene	<3.2	<0.53	<3.2	<0.53	-	-	25	
d-Limonene	8.25	1.48	7.33	1.32	7.79	**12**	25	**J**
1,2-Dibromo-3-chloropropane	<4.0	<0.42	<4.0	<0.42	-	-	25	
1,2,4-Trichlorobenzene	<5.2	<0.71	<5.2	<0.71	-	-	25	
Naphthalene	<5.2	<1.0	<5.2	<1.0	-	-	25	
Hexachlorobutadiene	<4.4	<0.42	<4.4	<0.42	-	-	25	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Response Factor Report MS13

Method Path : I:\MS13\METHODS\
Method File : R13051120.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
Last Update : Mon May 11 18:45:35 2020
Response Via : Initial Calibration

Calibration Files
0.1 =05112010.D 0.2 =05112011.D 0.5 =05112012.D 1.0 =05112013.D 5.0 =05112014.D 25 =05112015.D 50 =05112016.D
100 =05112017.D

		Compound	0.1	0.2	0.5	1.0	5.0	25	50	100	Avg	%RSD
1)	IR	Bromochloromethane...	----------	----------	ISTD	----------	----------	----------	----------	----------		
2)	T	Propene	1.934	1.664	1.926	1.779	1.954	1.763	1.797	1.818	1.829	5.52
3)	T	Dichlorodifluo...	2.839	2.630	2.729	2.672	2.716	2.447	2.422	2.118	2.572	8.99
4)	T	Chloromethane	2.165	2.075	2.313	2.396	2.041	2.107	1.938	1.144	2.022	18.99
5)	T	1,2-Dichloro-1...	1.439	1.339	1.458	1.398	1.383	1.291	1.320	1.204	1.354	6.16
6)	T	Vinyl Chloride	2.052	1.909	2.331	2.217	2.201	2.050	2.162	1.793	2.089	8.40
7)	T	1,3-Butadiene	1.670	1.683	1.709	1.788	1.688	1.573	1.629	1.351	1.636	7.99
8)	T	Bromomethane	0.975	1.099	1.286	1.222	1.241	1.159	1.185	1.017	1.148	9.54
9)	T	Chloroethane	1.016	1.088	1.166	1.076	1.186	1.007	1.078	0.901	1.065	8.57
10)	T	Ethanol	1.472	1.371	1.355	1.479	1.095	0.954	1.038	0.875	1.205	20.05
11)	T	Acetonitrile	3.620	3.494	3.421	3.737	3.355	2.807	3.156	2.852	3.305	10.31
12)	T	Acrolein	0.769	0.827	0.975	0.992	1.005	0.865	0.944	0.875	0.907	9.43
13)	T	Acetone		1.398	1.291	1.189	1.206	0.987	1.018	0.867	1.137	16.41
14)	T	Trichlorofluor...	2.187	2.239	2.290	2.142	2.182	1.907	1.984	1.846	2.097	7.78
15)	T	2-Propanol (Is...	4.372	3.988	3.980	3.825	4.093	3.536	3.728	2.756	3.785	12.80
16)	T	Acrylonitrile	1.312	1.625	1.937	1.957	2.185	1.911	2.082	1.990	1.875	14.86
17)	T	1,1-Dichloroet...	1.117	1.083	1.272	1.220	1.289	1.184	1.234	1.199	1.200	5.94
18)	T	2-Methyl-2-Pro...	2.397	2.376	2.707	2.662	2.870	2.711	2.906	2.720	2.669	7.25
19)	T	Methylene Chlo...	1.453	1.392	1.440	1.380	1.432	1.290	1.348	1.287	1.378	4.72
20)	T	3-Chloro-1-pro...	2.608	2.481	2.750	2.609	2.665	2.691	2.474	2.301	2.572	5.65
21)	T	Trichlorotrifl...	1.186	1.118	1.169	1.117	1.143	1.107	1.097	1.084	1.128	3.15
22)	T	Carbon Disulfide		6.726	6.033	5.454	5.211	5.016	4.878	4.629	5.421	13.49
23)	T	trans-1,2-Dich...	1.682	1.760	1.926	1.873	2.034	1.997	1.956	1.861	1.886	6.30
24)	T	1,1-Dichloroet...	2.523	2.432	2.623	2.520	2.551	2.444	2.375	2.229	2.462	4.95
25)	T	Methyl tert-Bu...	2.745	2.750	3.067	3.030	3.231	3.211	3.230	3.178	3.055	6.67
26)	T	Vinyl Acetate			0.316	0.313	0.344	0.341	0.330	0.300	0.324	5.33
27)	T	2-Butanone (MEK)			0.891	0.919	1.008	0.996	0.977	0.931	0.954	4.87
28)	T	cis-1,2-Dichlo...	1.819	1.753	1.960	1.882	1.941	1.911	1.859	1.757	1.860	4.23
29)	T	Diisopropyl Ether	1.052	1.102	1.316	1.277	1.333	1.117	1.067	0.955	1.152	12.07
30)	T	Ethyl Acetate		0.421	0.527	0.518	0.571	0.541	0.507	0.444	0.504	10.56
31)	T	n-Hexane	2.535	2.480	2.659	2.517	2.632	2.428	2.259	1.968	2.435	9.27
32)	T	Chloroform	2.217	2.152	2.342	2.181	2.220	2.141	2.097	2.002	2.169	4.58
33)	S	1,2-Dichloroet...	1.589	1.579	1.570	1.573	1.580	1.550	1.544	1.515	1.562	1.56
34)	T	Tetrahydrofura...	0.840	0.853	0.958	0.915	0.962	0.931	0.916	0.877	0.907	5.04
35)	T	Ethyl tert-But...	0.964	1.047	1.280	1.234	1.283	1.265	1.235	1.180	1.186	9.97
36)	T	1,2-Dichloroet...	1.750	1.622	1.687	1.630	1.674	1.614	1.562	1.475	1.627	5.12
37)	IR	1,4-Difluorobenzen...	----------	----------	ISTD	----------	----------	----------	----------	----------		
38)	T	1,1,1-Trichlor...	0.406	0.395	0.419	0.398	0.412	0.406	0.395	0.376	0.401	3.29
39)	T	Isopropyl Acetate	0.163	0.175	0.201	0.197	0.216	0.210	0.199	0.178	0.192	9.45
40)	T	1-Butanol			0.228	0.251	0.307	0.339	0.326	0.290	0.290	14.82
41)	T	Benzene	1.387	1.280	1.340	1.256	1.269	1.224	1.172	1.035	1.245	8.62
42)	T	Carbon Tetrach...	0.361	0.356	0.383	0.361	0.369	0.372	0.361	0.346	0.364	3.05

Method Path : I:\MS13\METHODS\
Method File : R13051120.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)

43)	T	Cyclohexane	0.460	0.445	0.492	0.472	0.481	0.469	0.448	0.407	0.459	5.74
44)	T	tert-Amyl Meth...	0.672	0.654	0.720	0.681	0.709	0.707	0.680	0.631	0.682	4.38
45)	T	1,2-Dichloropr...	0.323	0.323	0.338	0.321	0.326	0.320	0.308	0.289	0.319	4.58
46)	T	Bromodichlorom...	0.351	0.353	0.393	0.359	0.381	0.380	0.370	0.352	0.367	4.33
47)	T	Trichloroethene	0.321	0.279	0.300	0.289	0.307	0.308	0.304	0.295	0.300	4.25
48)	T	1,4-Dioxane	0.193	0.193	0.232	0.230	0.250	0.251	0.248	0.238	0.229	10.33
49)	T	2,2,4-Trimethy...	1.341	1.256	1.423	1.307	1.313	1.271	1.209	1.088	1.276	7.74
50)	T	Methyl Methacr...			0.098	0.109	0.122	0.124	0.122	0.116	0.115	8.67
51)	T	n-Heptane	0.279	0.295	0.337	0.320	0.328	0.321	0.311	0.289	0.310	6.57
52)	T	cis-1,3-Dichlo...	0.355	0.410	0.450	0.452	0.500	0.513	0.501	0.470	0.456	11.62
53)	T	4-Methyl-2-pen...			0.256	0.274	0.311	0.315	0.304	0.282	0.290	8.06
54)	T	trans-1,3-Dich...		0.289	0.371	0.380	0.439	0.457	0.445	0.420	0.400	14.68
55)	T	1,1,2-Trichlor...	0.265	0.252	0.285	0.274	0.282	0.279	0.274	0.262	0.272	4.10
56)	IR	Chlorobenzene-d5 (...	----------ISTD----------									
57)	S	Toluene-d8 (SS2)	2.431	2.448	2.424	2.418	2.423	2.421	2.401	2.390	2.420	0.73
58)	T	Toluene	2.687	2.552	2.639	2.501	2.555	2.473	2.386	2.178	2.496	6.38
59)	T	2-Hexanone		1.024	1.253	1.357	1.566	1.567	1.497	1.355	1.374	14.15
60)	T	Dibromochlorom...	0.571	0.583	0.615	0.595	0.650	0.660	0.653	0.629	0.620	5.49
61)	T	1,2-Dibromoethane	0.506	0.521	0.597	0.587	0.638	0.639	0.629	0.600	0.589	8.66
62)	T	n-Butyl Acetate			1.257	1.413	1.711	1.736	1.672	1.507	1.549	12.30
63)	T	n-Octane	0.494	0.547	0.599	0.592	0.618	0.591	0.568	0.513	0.565	7.77
64)	T	Tetrachloroethene	0.683	0.667	0.714	0.676	0.678	0.682	0.675	0.663	0.680	2.28
65)	T	Chlorobenzene	1.797	1.676	1.706	1.602	1.634	1.604	1.560	1.452	1.629	6.30
66)	T	Ethylbenzene	2.656	2.580	2.715	2.645	2.818	2.774	2.663	2.395	2.656	4.89
67)	T	m- & p-Xylenes	2.070	2.027	2.190	2.123	2.158	2.131	2.048	1.820	2.071	5.59
68)	T	Bromoform	0.381	0.401	0.466	0.474	0.525	0.561	0.572	0.562	0.493	15.11
69)	T	Styrene	1.159	1.301	1.520	1.541	1.701	1.735	1.699	1.579	1.529	13.36
70)	T	o-Xylene	2.025	2.009	2.241	2.125	2.202	2.178	2.109	1.913	2.100	5.27
71)	T	n-Nonane	1.196	1.237	1.443	1.428	1.497	1.427	1.334	1.134	1.337	9.96
72)	T	1,1,2,2-Tetrac...	0.971	1.007	1.082	1.034	1.074	1.065	1.034	0.952	1.027	4.64
73)	S	Bromofluoroben...	0.663	0.662	0.668	0.671	0.682	0.689	0.684	0.705	0.678	2.17
74)	T	Cumene	2.690	2.657	2.752	2.663	2.794	2.721	2.608	2.332	2.652	5.35
75)	T	alpha-Pinene	1.273	1.283	1.368	1.353	1.486	1.441	1.390	1.250	1.356	6.15
76)	T	n-Propylbenzene	3.030	3.015	3.340	3.281	3.423	3.330	3.167	2.754	3.167	7.04
77)	T	3-Ethyltoluene	2.324	2.363	2.574	2.549	2.728	2.678	2.704	2.317	2.530	6.84
78)	T	4-Ethyltoluene	2.430	2.360	2.747	2.624	2.688	2.727	2.490	2.325	2.549	6.63
79)	T	1,3,5-Trimethy...	2.094	2.133	2.310	2.219	2.234	2.288	2.208	2.018	2.188	4.54
80)	T	alpha-Methylst...	0.884	0.932	1.089	1.103	1.211	1.212	1.190	1.112	1.092	11.35
81)	T	2-Ethyltoluene	2.439	2.484	2.727	2.607	2.678	2.684	2.575	2.313	2.563	5.55
82)	T	1,2,4-Trimethy...	1.741	1.872	2.169	2.134	2.230	2.334	2.222	1.916	2.077	10.02
83)	T	n-Decane	0.967	0.997	1.299	1.275	1.314	1.429	1.336	1.147	1.221	13.64
84)	T	Benzyl Chloride	1.345	1.394	1.661	1.650	1.863	2.097	2.056	1.873	1.743	16.09
85)	T	1,3-Dichlorobe...	1.289	1.242	1.277	1.217	1.279	1.376	1.359	1.293	1.292	4.14
86)	T	1,4-Dichlorobe...	1.385	1.253	1.276	1.225	1.273	1.370	1.365	1.305	1.307	4.60
87)	T	sec-Butylbenzene	2.837	2.895	3.087	2.993	3.127	3.118	2.956	2.607	2.953	5.92
88)	T	4-Isopropyltol...	2.283	2.334	2.685	2.618	2.786	2.842	2.647	2.168	2.545	9.81
89)	T	1,2,3-Trimethy...	1.820	1.891	2.238	2.129	2.213	2.362	2.250	1.924	2.103	9.45
90)	T	1,2-Dichlorobe...	1.167	1.177	1.245	1.169	1.231	1.323	1.306	1.190	1.226	5.02
91)	T	d-Limonene	0.683	0.769	0.886	0.920	1.000	0.981	0.925	0.781	0.868	12.92
92)	T	1,2-Dibromo-3-...	0.296	0.345	0.366	0.379	0.430	0.488	0.491	0.481	0.409	18.08
93)	T	n-Undecane			0.651	0.687	0.787	1.448	1.371	1.163	1.018	34.82
94)	T	1,2,4-Trichlor...			0.609	0.618	0.688	0.971	0.990	0.964	0.807	23.14

Method Path : I:\MS13\METHODS\
Method File : R13051120.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)

95)	T	Naphthalene			1.586	1.670	1.923	3.051	3.020	2.665	2.319	29.00
96)	T	n-Dodecane		0.148	0.135	0.156	0.215	1.266	1.210	1.006	0.591	91.30
97)	T	Hexachlorobuta...	0.552	0.562	0.571	0.537	0.566	0.615	0.633	0.635	0.584	6.53
98)	T	Cyclohexanone	0.711	0.765	0.839	0.868	0.978	1.001	0.979	0.901	0.880	12.00
99)	T	tert-Butylbenzene	1.980	2.075	2.230	2.151	2.253	2.254	2.120	1.813	2.110	7.24
100)	T	n-Butylbenzene	1.874	1.941	2.312	2.285	2.438	2.524	2.401	2.100	2.234	10.64

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : I:\MS13\DATA\2020 06\16\06162002.D Vial: 1
Acq On : 16 Jun 2020 2:10 Operator: LH
Sample : CCV R13061620 25ng Inst : MS13
Misc : S34-05112003/S34-06112004 (7/10)

Quant Time: Jun 16 03:17:36 2020
Quant Method : I:\MS13\METHODS\R13051120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Tue May 12 06:07:00 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

6/16/20

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	96	0.00
2	T	Propene	1.829	2.304	-26.0	126	0.00
3	T	Dichlorodifluoromethane (CF	2.572	2.688	-4.5	106	0.00
4	T	Chloromethane	2.022	2.711	-34.1#	124	0.00
5	T	1,2-Dichloro-1,1,2,2-tetraf	1.354	1.255	7.3	94	0.00
6	T	Vinyl Chloride	2.089	2.500	-19.7	117	0.00
7	T	1,3-Butadiene	1.636	2.127	-30.0#	130	-0.01
8	T	Bromomethane	1.148	1.214	-5.7	101	0.00
9	T	Chloroethane	1.065	1.178	-10.6	113	0.00
10	T	Ethanol	1.205	1.466	-21.7	148	0.00
11	T	Acetonitrile	3.305	3.839	-16.2	132	0.00
12	T	Acrolein	0.907	1.110	-22.4	124	0.00
13	T	Acetone	1.137	1.264	-11.2	123	0.00
14	T	Trichlorofluoromethane	2.097	2.133	-1.7	108	0.00
15	T	2-Propanol (Isopropanol)	3.785	4.623	-22.1	126	0.00
16	T	Acrylonitrile	1.875	2.391	-27.5	121	0.00
17	T	1,1-Dichloroethene	1.200	1.233	-2.8	100	0.00
18	T	2-Methyl-2-Propanol (tert-B	2.669	3.694	-38.4#	131	0.00
19	T	Methylene Chloride	1.378	1.388	-0.7	104	0.00
20	T	3-Chloro-1-propene (Allyl C	2.572	2.980	-15.9	107	0.00
21	T	Trichlorotrifluoroethane	1.128	0.933	17.3	81	0.00
22	T	Carbon Disulfide	5.421	5.146	5.1	99	0.00
23	T	trans-1,2-Dichloroethene	1.886	2.162	-14.6	104	0.00
24	T	1,1-Dichloroethane	2.462	2.637	-7.1	104	0.00
25	T	Methyl tert-Butyl Ether	3.055	4.191	-37.2#	126	0.00
26	T	Vinyl Acetate	0.324	0.352	-8.6	99	0.00
27	T	2-Butanone (MEK)	0.954	1.045	-9.5	101	0.00
28	T	cis-1,2-Dichloroethene	1.860	2.084	-12.0	105	0.00
29	T	Diisopropyl Ether	1.152	1.180	-2.4	102	0.00
30	T	Ethyl Acetate	0.504	0.606	-20.2	108	0.00
31	T	n-Hexane	2.435	2.786	-14.4	110	0.00
32	T	Chloroform	2.169	2.253	-3.9	101	0.00
33	S	1,2-Dichloroethane-d4(SS1)	1.562	1.833	-17.3	114	0.00
34	T	Tetrahydrofuran (THF)	0.907	0.977	-7.7	101	0.00
35	T	Ethyl tert-Butyl Ether	1.186	1.602	-35.1#	122	0.00
36	T	1,2-Dichloroethane	1.627	1.779	-9.3	106	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	97	0.00
38	T	1,1,1-Trichloroethane	0.401	0.418	-4.2	100	0.00
39	T	Isopropyl Acetate	0.192	0.233	-21.4	108	0.00
40	T	1-Butanol	0.290	0.379	-30.7#	109	0.00
41	T	Benzene	1.245	1.255	-0.8	100	0.00
42	T	Carbon Tetrachloride	0.364	0.375	-3.0	98	0.00
43	T	Cyclohexane	0.459	0.473	-3.1	98	0.00
44	T	tert-Amyl Methyl Ether	0.682	0.902	-32.3#	124	0.00
45	T	1,2-Dichloropropane	0.319	0.338	-6.0	103	0.00
46	T	Bromodichloromethane	0.367	0.393	-7.1	101	0.00
47	T	Trichloroethene	0.300	0.276	8.0	87	0.00
48	T	1,4-Dioxane	0.229	0.247	-7.9	96	0.00
49	T	2,2,4-Trimethylpentane (Iso	1.276	1.506	-18.0	115	0.00
50	T	Methyl Methacrylate	0.115	0.117	-1.7	92	0.00
51	T	n-Heptane	0.310	0.335	-8.1	102	0.00
52	T	cis-1,3-Dichloropropene	0.456	0.525	-15.1	100	0.00
53	T	4-Methyl-2-pentanone	0.290	0.339	-16.9	105	0.00
54	T	trans-1,3-Dichloropropene	0.400	0.464	-16.0	99	0.00
55	T	1,1,2-Trichloroethane	0.272	0.271	0.4	94	0.00

Evaluate Continuing Calibration Report

Data File : I:\MS13\DATA\2020 06\16\06162002.D Vial: 1
Acq On : 16 Jun 2020 2:10 Operator: LH
Sample : CCV R13061620 25ng Inst : MS13
Misc : S34-05112003/S34-06112004 (7/10)

Quant Time: Jun 16 03:17:36 2020
Quant Method : I:\MS13\METHODS\R13051120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Tue May 12 06:07:00 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
56	IR	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	111	0.00
57	S	Toluene-d8 (SS2)	2.420	2.205	8.9	101	0.00
58	T	Toluene	2.496	2.147	14.0	96	0.00
59	T	2-Hexanone	1.374	1.590	-15.7	113	0.00
60	T	Dibromochloromethane	0.620	0.554	10.6	93	0.00
61	T	1,2-Dibromoethane	0.589	0.535	9.2	93	0.00
62	T	n-Butyl Acetate	1.549	1.762	-13.8	113	0.00
63	T	n-Octane	0.565	0.579	-2.5	109	0.00
64	T	Tetrachloroethene	0.680	0.523	23.1	85	0.00
65	T	Chlorobenzene	1.629	1.325	18.7	92	0.00
66	T	Ethylbenzene	2.656	2.449	7.8	98	0.00
67	T	m- & p-Xylenes	2.071	1.905	8.0	99	0.00
68	T	Bromoform	0.493	0.436	11.6	86	0.00
69	T	Styrene	1.529	1.453	5.0	93	0.00
70	T	o-Xylene	2.100	1.947	7.3	99	0.00
71	T	n-Nonane	1.337	1.506	-12.6	117	0.00
72	T	1,1,2,2-Tetrachloroethane	1.027	0.969	5.6	101	0.00
73	S	Bromofluorobenzene (SS3)	0.678	0.593	12.5	96	0.00
74	T	Cumene	2.652	2.348	11.5	96	0.00
75	T	alpha-Pinene	1.356	1.271	6.3	98	0.00
76	T	n-Propylbenzene	3.167	2.952	6.8	98	0.00
77	T	3-Ethyltoluene	2.530	2.322	8.2	96	0.00
78	T	4-Ethyltoluene	2.549	2.306	9.5	94	0.00
79	T	1,3,5-Trimethylbenzene	2.188	1.965	10.2	95	0.00
80	T	alpha-Methylstyrene	1.092	1.026	6.0	94	0.00
81	T	2-Ethyltoluene	2.563	2.299	10.3	95	0.00
82	T	1,2,4-Trimethylbenzene	2.077	2.045	1.5	97	0.00
83	T	n-Decane	1.221	1.417	-16.1	110	0.00
84	T	Benzyl Chloride	1.743	1.769	-1.5	94	0.00
85	T	1,3-Dichlorobenzene	1.292	1.030	20.3	83	0.00
86	T	1,4-Dichlorobenzene	1.307	0.994	23.9	81	0.00
87	T	sec-Butylbenzene	2.953	2.644	10.5	94	0.00
88	T	4-Isopropyltoluene (p-Cymen	2.545	2.412	5.2	94	0.00
89	T	1,2,3-Trimethylbenzene	2.103	2.083	1.0	98	0.00
90	T	1,2-Dichlorobenzene	1.226	1.022	16.6	86	0.00
91	T	d-Limonene	0.868	0.999	-15.1	113	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.409	0.364	11.0	83	0.00
93	T	n-Undecane	1.018	1.378	-35.4#	106	0.00
94	T	1,2,4-Trichlorobenzene	0.807	0.646	20.0	74	0.00
95	T	Naphthalene	2.319	2.191	5.5	80	0.00
96	T	n-Dodecane	0.591	1.158	-95.9#	102	0.00
97	T	Hexachlorobutadiene	0.584	0.441	24.5	80	0.00
98	T	Cyclohexanone	0.880	0.968	-10.0	107	0.00
99	T	tert-Butylbenzene	2.110	1.909	9.5	94	0.00
100	T	n-Butylbenzene	2.234	2.204	1.3	97	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : I:\MS13\DATA\2020 06\16\06162036.D Vial: 1
Acq On : 16 Jun 2020 23:16 Operator: WA
Sample : CCV2 R13061620 25ng Inst : MS13
Misc : S34-05112003/S34-06112004 (7/10)

Quant Time: Jun 17 03:19:07 2020
Quant Method : I:\MS13\METHODS\R13051120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Tue May 12 06:07:00 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

WA 6/17/20

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	102	0.00
2	T	Propene	1.829	2.268	-24.0	132	0.00
3	T	Dichlorodifluoromethane (CF	2.572	2.623	-2.0	110	0.00
4	T	Chloromethane	2.022	2.680	-32.5#	130	0.00
5	T	1,2-Dichloro-1,1,2,2-tetraf	1.354	1.211	10.6	96	0.00
6	T	Vinyl Chloride	2.089	2.439	-16.8	122	0.00
7	T	1,3-Butadiene	1.636	2.133	-30.4#	139	-0.01
8	T	Bromomethane	1.148	1.192	-3.8	105	0.00
9	T	Chloroethane	1.065	1.164	-9.3	118	0.00
10	T	Ethanol	1.205	1.466	-21.7	157	0.00
11	T	Acetonitrile	3.305	3.795	-14.8	138	0.00
12	T	Acrolein	0.907	1.101	-21.4	130	0.00
13	T	Acetone	1.137	1.255	-10.4	130	0.00
14	T	Trichlorofluoromethane	2.097	2.098	-0.0	113	-0.01
15	T	2-Propanol (Isopropanol)	3.785	4.626	-22.2	134	0.00
16	T	Acrylonitrile	1.875	2.372	-26.5	127	0.00
17	T	1,1-Dichloroethene	1.200	1.222	-1.8	106	0.00
18	T	2-Methyl-2-Propanol (tert-B	2.669	3.766	-41.1#	142	0.00
19	T	Methylene Chloride	1.378	1.373	0.4	109	0.00
20	T	3-Chloro-1-propene (Allyl C	2.572	2.948	-14.6	112	0.00
21	T	Trichlorotrifluoroethane	1.128	0.927	17.8	86	0.00
22	T	Carbon Disulfide	5.421	5.089	6.1	104	0.00
23	T	trans-1,2-Dichloroethene	1.886	2.141	-13.5	110	0.00
24	T	1,1-Dichloroethane	2.462	2.596	-5.4	109	0.00
25	T	Methyl tert-Butyl Ether	3.055	4.243	-38.9#	135	0.00
26	T	Vinyl Acetate	0.324	0.346	-6.8	104	0.00
27	T	2-Butanone (MEK)	0.954	1.035	-8.5	106	0.00
28	T	cis-1,2-Dichloroethene	1.860	2.048	-10.1	110	0.00
29	T	Diisopropyl Ether	1.152	1.161	-0.8	106	0.00
30	T	Ethyl Acetate	0.504	0.602	-19.4	114	0.00
31	T	n-Hexane	2.435	2.761	-13.4	116	0.00
32	T	Chloroform	2.169	2.218	-2.3	106	0.00
33	S	1,2-Dichloroethane-d4(SS1)	1.562	1.842	-17.9	122	0.00
34	T	Tetrahydrofuran (THF)	0.907	0.965	-6.4	106	0.00
35	T	Ethyl tert-Butyl Ether	1.186	1.584	-33.6#	128	0.00
36	T	1,2-Dichloroethane	1.627	1.752	-7.7	111	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	104	0.00
38	T	1,1,1-Trichloroethane	0.401	0.411	-2.5	105	0.00
39	T	Isopropyl Acetate	0.192	0.230	-19.8	114	0.00
40	T	1-Butanol	0.290	0.379	-30.7#	116	0.00
41	T	Benzene	1.245	1.236	0.7	105	0.00
42	T	Carbon Tetrachloride	0.364	0.368	-1.1	102	0.00
43	T	Cyclohexane	0.459	0.467	-1.7	103	0.00
44	T	tert-Amyl Methyl Ether	0.682	0.891	-30.6#	131	0.00
45	T	1,2-Dichloropropane	0.319	0.333	-4.4	108	0.00
46	T	Bromodichloromethane	0.367	0.386	-5.2	105	0.00
47	T	Trichloroethene	0.300	0.271	9.7	91	0.00
48	T	1,4-Dioxane	0.229	0.244	-6.6	101	0.00
49	T	2,2,4-Trimethylpentane (Iso	1.276	1.477	-15.8	120	0.00
50	T	Methyl Methacrylate	0.115	0.115	0.0	96	0.00
51	T	n-Heptane	0.310	0.329	-6.1	106	0.00
52	T	cis-1,3-Dichloropropene	0.456	0.517	-13.4	104	0.00
53	T	4-Methyl-2-pentanone	0.290	0.335	-15.5	110	0.00
54	T	trans-1,3-Dichloropropene	0.400	0.456	-14.0	103	0.00
55	T	1,1,2-Trichloroethane	0.272	0.266	2.2	99	0.00

Evaluate Continuing Calibration Report

Data File : I:\MS13\DATA\2020 06\16\06162036.D Vial: 1
Acq On : 16 Jun 2020 23:16 Operator: WA
Sample : CCV2 R13061620 25ng Inst : MS13
Misc : S34-05112003/S34-06112004 (7/10)

Quant Time: Jun 17 03:19:07 2020
Quant Method : I:\MS13\METHODS\R13051120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Tue May 12 06:07:00 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
56	IR	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	118	0.00
57	S	Toluene-d8 (SS2)	2.420	2.197	9.2	107	0.00
58	T	Toluene	2.496	2.114	15.3	101	0.00
59	T	2-Hexanone	1.374	1.562	-13.7	117	0.00
60	T	Dibromochloromethane	0.620	0.544	12.3	97	0.00
61	T	1,2-Dibromoethane	0.589	0.525	10.9	97	0.00
62	T	n-Butyl Acetate	1.549	1.744	-12.6	118	0.00
63	T	n-Octane	0.565	0.570	-0.9	113	0.00
64	T	Tetrachloroethene	0.680	0.515	24.3	89	0.00
65	T	Chlorobenzene	1.629	1.302	20.1	96	0.00
66	T	Ethylbenzene	2.656	2.419	8.9	103	0.00
67	T	m- & p-Xylenes	2.071	1.881	9.2	104	0.00
68	T	Bromoform	0.493	0.429	13.0	90	0.00
69	T	Styrene	1.529	1.425	6.8	97	0.00
70	T	o-Xylene	2.100	1.919	8.6	104	0.00
71	T	n-Nonane	1.337	1.488	-11.3	123	0.00
72	T	1,1,2,2-Tetrachloroethane	1.027	0.952	7.3	105	0.00
73	S	Bromofluorobenzene (SS3)	0.678	0.588	13.3	100	0.00
74	T	Cumene	2.652	2.306	13.0	100	0.00
75	T	alpha-Pinene	1.356	1.260	7.1	103	0.00
76	T	n-Propylbenzene	3.167	2.904	8.3	103	0.00
77	T	3-Ethyltoluene	2.530	2.282	9.8	100	0.00
78	T	4-Ethyltoluene	2.549	2.281	10.5	99	0.00
79	T	1,3,5-Trimethylbenzene	2.188	1.941	11.3	100	0.00
80	T	alpha-Methylstyrene	1.092	0.999	8.5	97	0.00
81	T	2-Ethyltoluene	2.563	2.269	11.5	100	0.00
82	T	1,2,4-Trimethylbenzene	2.077	2.014	3.0	102	0.00
83	T	n-Decane	1.221	1.398	-14.5	115	0.00
84	T	Benzyl Chloride	1.743	1.740	0.2	98	0.00
85	T	1,3-Dichlorobenzene	1.292	1.011	21.7	87	0.00
86	T	1,4-Dichlorobenzene	1.307	0.971	25.7	83	0.00
87	T	sec-Butylbenzene	2.953	2.595	12.1	98	0.00
88	T	4-Isopropyltoluene (p-Cymen	2.545	2.367	7.0	98	0.00
89	T	1,2,3-Trimethylbenzene	2.103	2.046	2.7	102	0.00
90	T	1,2-Dichlorobenzene	1.226	1.001	18.4	89	0.00
91	T	d-Limonene	0.868	0.984	-13.4	118	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.409	0.357	12.7	86	0.00
93	T	n-Undecane	1.018	1.359	-33.5#	111	0.00
94	T	1,2,4-Trichlorobenzene	0.807	0.628	22.2	76	0.00
95	T	Naphthalene	2.319	2.129	8.2	82	0.00
96	T	n-Dodecane	0.591	1.140	-92.9#	106	0.00
97	T	Hexachlorobutadiene	0.584	0.434	25.7	83	0.00
98	T	Cyclohexanone	0.880	0.956	-8.6	112	0.00
99	T	tert-Butylbenzene	2.110	1.875	11.1	98	0.00
100	T	n-Butylbenzene	2.234	2.159	3.4	101	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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www.alsglobal.com

LABORATORY REPORT

June 30, 2020

Eyal Shvartz
Dr. Katz Technologies & Enterprises (KTE)
HaMeginim Ave. 53
Haifa, ISR-HA 33265

RE: Tel Hashomer / KTE-55-20-Simi

Dear Eyal:

Enclosed are the results of the samples submitted to our laboratory on June 15, 2020. For your reference, these analyses have been assigned our service request number P2003323.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Sue Anderson at 1:50 pm, Jun 30, 2020

Sue Anderson
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request No: P2003323
Project: Tel Hashomer / KTE-55-20-Simi

CASE NARRATIVE

The samples were received intact under chain of custody on June 15, 2020 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.1 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-007
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request: P2003323

Project ID: Tel Hashomer / KTE-55-20-Simi

Date Received: 6/15/2020

Time Received: 09:30

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	TO-15 - VOC Cans
SG-111	P2003323-001	Air	6/10/2020	10:39	1SS00974	-2.54	6.27	X
SG-116	P2003323-002	Air	6/10/2020	11:05	1SS00087	-1.82	6.05	X
SG-136	P2003323-003	Air	6/10/2020	11:33	1SS00739	-3.72	6.76	X
SG-115	P2003323-004	Air	6/10/2020	11:49	1SC00530	-2.80	7.09	X
SG-19	P2003323-005	Air	6/10/2020	12:10	1SS00851	-4.42	5.87	X
SG-17	P2003323-006	Air	6/10/2020	12:40	1SS00747	-3.18	5.31	X
SG-96	P2003323-007	Air	6/10/2020	13:24	1SS00179	-3.62	5.88	X
SG74	P2003323-008	Air	6/10/2020	14:14	1SS01023	-2.65	6.18	X

Air - Chain of Custody Record & Analytical Service Request

Page ___ of ___

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Simi Valley, California 93065
Phone (805) 526-7161

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No. P200 3323

ALS Contact:

Company Name & Address (Reporting Information): KTE

Project Name: Ecolog TSH Tel Hashomer

Project Number: KTE-SS-20-Simi

Project Manager:

Phone:

Fax:

P.O. # / Billing Information:

Email Address for Result Reporting:

Sampler (Print & Sign): Dimitri Segal

Analysis Method

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Tags		Comments e.g. Actual Preservative or specific instructions
SG - 111	1	10/6/20	10:39	1SS 00934	0A0 1935	-30	-4	1L	✓		
SG - 116	2	10/6/20	11:05	1SS 00[illegible]	0A0 1711	-30	-4	1L	✓		
SG 136	3	10/6/20	11:33	1SS 00739	0A0 1299	-30	-5	1L	✓		
SG 115	4	10/6/20	11:49	1SC 00530	0A0 1492	-30	-4	1L	✓		
SG 19	5	10/6/20	12:10	1SS 00851	0A0 0832	-29	-4	1L	✓		
SG 17	6	10/6/20	12:40	1SS 00747	0A0 1400	-29	-5	1L	✓		
SG 96	7	10/6/20	13:24	1SS 00179	0A0 1604	-27	-5	1L	✓		
SG 74	8	10/6/20	14:14	1SS 01023	0A0 0878	-29	-5	1L	✓		

Report Tier Levels - please select

Tier I - Results (Default if not specified) ___
Tier II (Results + QC Summaries) ___
Tier III (Results + QC & Calibration Summaries) X
Tier IV (Data Validation Package) 10% Surcharge ___

EDD required Yes / No
Type: ___ Units: ___

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Egyd Shuchu	9/6/20				
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
			[signature]	6-X-20	0730

Cooler / Blank Temperature ___ °C

ALS Environmental

Sample Acceptance Check Form

Client: Dr. Katz Technologies & Enterprises (KTE) Work order: P2003323

Project: Tel Hashomer / KTE-55-20-Simi

Sample(s) received on: 6/15/20 Date opened: 6/15/20 by: ADAVID

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2003323-001.01	1.0 L Source Silonite Canister					
P2003323-002.01	1.0 L Source Silonite Canister					
P2003323-003.01	1.0 L Source Silonite Canister					
P2003323-004.01	1.0 L Source Can					
P2003323-005.01	1.0 L Source Silonite Canister					
P2003323-006.01	1.0 L Source Silonite Canister					
P2003323-007.01	1.0 L Source Silonite Canister					
P2003323-008.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers): _____

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-111** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P2003323-001

Test Code: EPA TO-15 Date Collected: 6/10/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/15/20
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.10 Liter(s)
Test Notes:
Container ID: 1SS00974

Initial Pressure (psig): -2.54 Final Pressure (psig): 6.27

Canister Dilution Factor: 1.72

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**8.7**	9.1	2.2	**5.0**	5.3	1.3	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.5**	9.1	1.5	**0.50**	1.8	0.30	**J**
74-87-3	Chloromethane	**1.7**	9.1	1.5	**0.80**	4.4	0.72	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<1.4	9.1	1.4	<0.21	1.3	0.21	
75-01-4	Vinyl Chloride	<0.98	9.3	0.98	<0.38	3.6	0.38	
106-99-0	1,3-Butadiene	<1.5	9.1	1.5	<0.68	4.1	0.68	
74-83-9	Bromomethane	<1.3	9.3	1.3	<0.33	2.4	0.33	
75-00-3	Chloroethane	<1.1	9.3	1.1	<0.43	3.5	0.43	
64-17-5	Ethanol	**4,400**	89	6.4	**2,300**	47	3.4	**B**
75-05-8	Acetonitrile	**3.0**	9.1	2.2	**1.8**	5.4	1.3	**J**
107-02-8	Acrolein	**7.9**	17	2.6	**3.5**	7.5	1.1	**J**
67-64-1	Acetone	**300**	91	21	**120**	38	8.7	
75-69-4	Trichlorofluoromethane (CFC 11)	**11**	9.1	1.4	**2.0**	1.6	0.25	
67-63-0	2-Propanol (Isopropyl Alcohol)	**80**	36	3.8	**33**	15	1.5	
107-13-1	Acrylonitrile	<1.9	9.1	1.9	<0.87	4.2	0.87	
75-35-4	1,1-Dichloroethene	<1.3	9.3	1.3	<0.32	2.3	0.32	
75-09-2	Methylene Chloride	**4.1**	9.1	2.6	**1.2**	2.6	0.74	**J**
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<1.2	9.3	1.2	<0.40	3.0	0.40	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<1.3	9.3	1.3	<0.17	1.2	0.17	
75-15-0	Carbon Disulfide	**6.3**	19	2.8	**2.0**	6.1	0.88	**J, B**
156-60-5	trans-1,2-Dichloroethene	**1.5**	9.3	1.3	**0.38**	2.3	0.32	**J**
75-34-3	1,1-Dichloroethane	<1.3	9.5	1.3	<0.33	2.3	0.33	
1634-04-4	Methyl tert-Butyl Ether	<1.1	9.3	1.1	<0.30	2.6	0.30	
108-05-4	Vinyl Acetate	**30**	93	21	**8.7**	26	5.9	**J**
78-93-3	2-Butanone (MEK)	**54**	19	1.9	**18**	6.4	0.64	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-111** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P2003323-001

Test Code: EPA TO-15 Date Collected: 6/10/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/15/20
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.10 Liter(s)
Test Notes:
Container ID: 1SS00974

Initial Pressure (psig): -2.54 Final Pressure (psig): 6.27

Canister Dilution Factor: 1.72

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<1.3	9.1	1.3	<0.33	2.3	0.33	
141-78-6	Ethyl Acetate	**1,800**	19	4.8	**490**	5.3	1.3	
110-54-3	n-Hexane	**7.1**	9.3	1.9	**2.0**	2.6	0.54	**J**
67-66-3	Chloroform	**1.9**	9.3	1.2	**0.38**	1.9	0.25	**J**
109-99-9	Tetrahydrofuran (THF)	**4.4**	9.5	1.2	**1.5**	3.2	0.39	**J**
107-06-2	1,2-Dichloroethane	<1.0	9.3	1.0	<0.25	2.3	0.25	
71-55-6	1,1,1-Trichloroethane	<1.1	9.3	1.1	<0.21	1.7	0.21	
71-43-2	Benzene	**8.8**	9.1	1.3	**2.8**	2.9	0.41	**J**
56-23-5	Carbon Tetrachloride	**2.8**	9.1	1.3	**0.44**	1.4	0.20	**J**
110-82-7	Cyclohexane	<2.6	19	2.6	<0.75	5.5	0.75	
78-87-5	1,2-Dichloropropane	<1.1	9.3	1.1	<0.25	2.0	0.25	
75-27-4	Bromodichloromethane	<1.3	9.3	1.3	<0.20	1.4	0.20	
79-01-6	Trichloroethene	**5.8**	9.3	1.2	**1.1**	1.7	0.23	**J**
123-91-1	1,4-Dioxane	**1.1**	9.3	1.1	**0.31**	2.6	0.30	**J**
80-62-6	Methyl Methacrylate	<3.3	19	3.3	<0.80	4.6	0.80	
142-82-5	n-Heptane	**1.9**	9.3	1.5	**0.46**	2.3	0.36	**J**
10061-01-5	cis-1,3-Dichloropropene	<1.4	8.9	1.4	<0.31	2.0	0.31	
108-10-1	4-Methyl-2-pentanone	**2.4**	9.1	1.3	**0.59**	2.2	0.31	**J**
10061-02-6	trans-1,3-Dichloropropene	<1.9	9.1	1.9	<0.42	2.0	0.42	
79-00-5	1,1,2-Trichloroethane	<0.93	9.3	0.93	<0.17	1.7	0.17	
108-88-3	Toluene	**42**	9.3	1.1	**11**	2.5	0.30	
591-78-6	2-Hexanone	**4.3**	9.3	1.1	**1.0**	2.3	0.28	**J**
124-48-1	Dibromochloromethane	<1.2	9.3	1.2	<0.14	1.1	0.14	
106-93-4	1,2-Dibromoethane	<1.1	9.3	1.1	<0.14	1.2	0.14	
123-86-4	n-Butyl Acetate	**30**	9.5	1.3	**6.3**	2.0	0.26	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-111** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P2003323-001

Test Code: EPA TO-15 Date Collected: 6/10/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/15/20
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Test Notes:
Container ID: 1SS00974

Initial Pressure (psig): -2.54 Final Pressure (psig): 6.27

Canister Dilution Factor: 1.72

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**3.5**	9.3	2.1	**0.76**	2.0	0.44	**J**
127-18-4	Tetrachloroethene	**120**	8.9	1.2	**18**	1.3	0.18	
108-90-7	Chlorobenzene	<1.2	9.3	1.2	<0.27	2.0	0.27	
100-41-4	Ethylbenzene	**2.5**	9.3	1.3	**0.57**	2.1	0.30	**J**
179601-23-1	m,p-Xylenes	**7.0**	19	2.4	**1.6**	4.4	0.55	**J**
75-25-2	Bromoform	<1.9	9.3	1.9	<0.18	0.90	0.18	
100-42-5	Styrene	**3.9**	9.1	1.5	**0.91**	2.1	0.35	**J**
95-47-6	o-Xylene	**2.7**	9.3	1.3	**0.61**	2.1	0.31	**J**
111-84-2	n-Nonane	**10**	9.3	1.5	**1.9**	1.8	0.29	
79-34-5	1,1,2,2-Tetrachloroethane	<1.3	9.3	1.3	<0.19	1.4	0.19	
98-82-8	Cumene	**11**	9.3	1.3	**2.2**	1.9	0.27	
80-56-8	alpha-Pinene	<1.4	9.3	1.4	<0.25	1.7	0.25	
103-65-1	n-Propylbenzene	<1.3	9.3	1.3	<0.27	1.9	0.27	
622-96-8	4-Ethyltoluene	<1.5	9.3	1.5	<0.30	1.9	0.30	
108-67-8	1,3,5-Trimethylbenzene	<1.3	9.1	1.3	<0.27	1.9	0.27	
95-63-6	1,2,4-Trimethylbenzene	**3.6**	9.3	1.3	**0.73**	1.9	0.26	**J**
100-44-7	Benzyl Chloride	<2.1	19	2.1	<0.40	3.7	0.40	
541-73-1	1,3-Dichlorobenzene	<1.4	9.3	1.4	<0.23	1.5	0.23	
106-46-7	1,4-Dichlorobenzene	<1.4	9.3	1.4	<0.23	1.5	0.23	
95-50-1	1,2-Dichlorobenzene	<1.4	9.3	1.4	<0.23	1.5	0.23	
5989-27-5	d-Limonene	**11**	9.3	1.9	**1.9**	1.7	0.34	
96-12-8	1,2-Dibromo-3-chloropropane	<1.7	9.1	1.7	<0.18	0.94	0.18	
120-82-1	1,2,4-Trichlorobenzene	<2.2	9.3	2.2	<0.30	1.3	0.30	
91-20-3	Naphthalene	<2.2	8.9	2.2	<0.43	1.7	0.43	
87-68-3	Hexachlorobutadiene	<1.9	9.1	1.9	<0.18	0.85	0.18	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-116** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P2003323-002

Test Code: EPA TO-15 Date Collected: 6/10/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/15/20
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00087

Initial Pressure (psig): -1.82 Final Pressure (psig): 6.05

Canister Dilution Factor: 1.61

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.2**	2.1	0.52	**1.3**	1.2	0.30	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.9**	2.1	0.35	**0.58**	0.43	0.071	
74-87-3	Chloromethane	<0.35	2.1	0.35	<0.17	1.0	0.17	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.34	2.1	0.34	<0.048	0.31	0.048	
75-01-4	Vinyl Chloride	<0.23	2.2	0.23	<0.090	0.85	0.090	
106-99-0	1,3-Butadiene	<0.35	2.1	0.35	<0.16	0.96	0.16	
74-83-9	Bromomethane	<0.30	2.2	0.30	<0.077	0.56	0.077	
75-00-3	Chloroethane	<0.27	2.2	0.27	<0.10	0.82	0.10	
64-17-5	Ethanol	**46**	21	1.5	**24**	11	0.79	**B**
75-05-8	Acetonitrile	**0.82**	2.1	0.52	**0.49**	1.3	0.31	**J**
107-02-8	Acrolein	**1.8**	4.0	0.60	**0.78**	1.8	0.26	**J**
67-64-1	Acetone	**26**	21	4.8	**11**	9.0	2.0	
75-69-4	Trichlorofluoromethane (CFC 11)	**8.2**	2.1	0.33	**1.5**	0.38	0.058	
67-63-0	2-Propanol (Isopropyl Alcohol)	**4.1**	8.5	0.89	**1.7**	3.4	0.36	**J**
107-13-1	Acrylonitrile	<0.44	2.1	0.44	<0.20	0.98	0.20	
75-35-4	1,1-Dichloroethene	<0.30	2.2	0.30	<0.075	0.55	0.075	
75-09-2	Methylene Chloride	<0.60	2.1	0.60	<0.17	0.61	0.17	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.29	2.2	0.29	<0.093	0.69	0.093	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.63**	2.2	0.31	**0.082**	0.28	0.040	**J**
75-15-0	Carbon Disulfide	**31**	4.4	0.64	**10**	1.4	0.21	**B**
156-60-5	trans-1,2-Dichloroethene	<0.30	2.2	0.30	<0.075	0.55	0.075	
75-34-3	1,1-Dichloroethane	<0.31	2.2	0.31	<0.078	0.55	0.078	
1634-04-4	Methyl tert-Butyl Ether	<0.25	2.2	0.25	<0.070	0.60	0.070	
108-05-4	Vinyl Acetate	<4.8	22	4.8	<1.4	6.2	1.4	
78-93-3	2-Butanone (MEK)	**3.7**	4.4	0.44	**1.3**	1.5	0.15	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-116** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P2003323-002

Test Code: EPA TO-15 Date Collected: 6/10/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/15/20
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00087

Initial Pressure (psig): -1.82 Final Pressure (psig): 6.05

Canister Dilution Factor: 1.61

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	**0.54**	2.1	0.30	**0.14**	0.54	0.076	**J**
141-78-6	Ethyl Acetate	**2.6**	4.4	1.1	**0.73**	1.2	0.31	**J**
110-54-3	n-Hexane	**0.52**	2.2	0.44	**0.15**	0.62	0.13	**J**
67-66-3	Chloroform	**0.91**	2.2	0.29	**0.19**	0.45	0.059	**J**
109-99-9	Tetrahydrofuran (THF)	<0.27	2.2	0.27	<0.091	0.75	0.091	
107-06-2	1,2-Dichloroethane	<0.24	2.2	0.24	<0.059	0.54	0.059	
71-55-6	1,1,1-Trichloroethane	<0.27	2.2	0.27	<0.049	0.40	0.049	
71-43-2	Benzene	**0.58**	2.1	0.31	**0.18**	0.67	0.097	**J**
56-23-5	Carbon Tetrachloride	**4.2**	2.1	0.30	**0.66**	0.34	0.047	
110-82-7	Cyclohexane	<0.60	4.4	0.60	<0.18	1.3	0.18	
78-87-5	1,2-Dichloropropane	<0.27	2.2	0.27	<0.058	0.47	0.058	
75-27-4	Bromodichloromethane	<0.31	2.2	0.31	<0.046	0.32	0.046	
79-01-6	Trichloroethene	**2.2**	2.2	0.29	**0.40**	0.40	0.054	**J**
123-91-1	1,4-Dioxane	**0.43**	2.2	0.25	**0.12**	0.60	0.070	**J**
80-62-6	Methyl Methacrylate	<0.76	4.4	0.76	<0.19	1.1	0.19	
142-82-5	n-Heptane	**0.77**	2.2	0.34	**0.19**	0.53	0.084	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.33	2.1	0.33	<0.074	0.46	0.074	
108-10-1	4-Methyl-2-pentanone	**1.1**	2.1	0.29	**0.26**	0.52	0.072	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.44	2.1	0.44	<0.098	0.47	0.098	
79-00-5	1,1,2-Trichloroethane	<0.22	2.2	0.22	<0.040	0.40	0.040	
108-88-3	Toluene	**6.5**	2.2	0.26	**1.7**	0.58	0.069	
591-78-6	2-Hexanone	<0.27	2.2	0.27	<0.065	0.53	0.065	
124-48-1	Dibromochloromethane	<0.28	2.2	0.28	<0.033	0.26	0.033	
106-93-4	1,2-Dibromoethane	<0.25	2.2	0.25	<0.032	0.28	0.032	
123-86-4	n-Butyl Acetate	**1.1**	2.2	0.29	**0.23**	0.47	0.062	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-116** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P2003323-002

Test Code: EPA TO-15 Date Collected: 6/10/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/15/20
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00087

Initial Pressure (psig): -1.82 Final Pressure (psig): 6.05

Canister Dilution Factor: 1.61

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**0.78**	2.2	0.48	**0.17**	0.47	0.10	**J**
127-18-4	Tetrachloroethene	**840**	21	2.8	**120**	3.1	0.41	**D**
108-90-7	Chlorobenzene	<0.29	2.2	0.29	<0.062	0.47	0.062	
100-41-4	Ethylbenzene	**1.8**	2.2	0.30	**0.42**	0.50	0.070	**J**
179601-23-1	m,p-Xylenes	**6.9**	4.4	0.56	**1.6**	1.0	0.13	
75-25-2	Bromoform	<0.44	2.2	0.44	<0.043	0.21	0.043	
100-42-5	Styrene	**1.7**	2.1	0.35	**0.40**	0.50	0.081	**J**
95-47-6	o-Xylene	**1.9**	2.2	0.31	**0.45**	0.50	0.071	**J**
111-84-2	n-Nonane	**0.68**	2.2	0.36	**0.13**	0.41	0.068	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.30	2.2	0.30	<0.043	0.32	0.043	
98-82-8	Cumene	<0.31	2.2	0.31	<0.063	0.44	0.063	
80-56-8	alpha-Pinene	<0.33	2.2	0.33	<0.059	0.39	0.059	
103-65-1	n-Propylbenzene	**0.67**	2.2	0.31	**0.14**	0.44	0.063	**J**
622-96-8	4-Ethyltoluene	**1.2**	2.2	0.34	**0.24**	0.44	0.070	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.80**	2.1	0.31	**0.16**	0.43	0.063	**J**
95-63-6	1,2,4-Trimethylbenzene	**4.4**	2.2	0.30	**0.89**	0.44	0.061	
100-44-7	Benzyl Chloride	<0.48	4.4	0.48	<0.093	0.86	0.093	
541-73-1	1,3-Dichlorobenzene	<0.32	2.2	0.32	<0.054	0.36	0.054	
106-46-7	1,4-Dichlorobenzene	<0.33	2.2	0.33	<0.055	0.36	0.055	
95-50-1	1,2-Dichlorobenzene	<0.32	2.2	0.32	<0.053	0.36	0.053	
5989-27-5	d-Limonene	**4.4**	2.2	0.44	**0.78**	0.39	0.079	
96-12-8	1,2-Dibromo-3-chloropropane	<0.40	2.1	0.40	<0.042	0.22	0.042	
120-82-1	1,2,4-Trichlorobenzene	<0.52	2.2	0.52	<0.071	0.29	0.071	
91-20-3	Naphthalene	**1.0**	2.1	0.52	**0.20**	0.40	0.10	**J**
87-68-3	Hexachlorobutadiene	<0.44	2.1	0.44	<0.042	0.20	0.042	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-136** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P2003323-003

Test Code: EPA TO-15 Date Collected: 6/10/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/15/20
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.12 Liter(s)
Test Notes:
Container ID: 1SS00739

Initial Pressure (psig): -3.72 Final Pressure (psig): 6.76

Canister Dilution Factor: 1.95

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**3.6**	8.6	2.1	**2.1**	5.0	1.2	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.7**	8.6	1.4	**0.55**	1.7	0.29	**J**
74-87-3	Chloromethane	<1.4	8.6	1.4	<0.68	4.2	0.68	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<1.4	8.6	1.4	<0.20	1.2	0.20	
75-01-4	Vinyl Chloride	<0.93	8.8	0.93	<0.36	3.4	0.36	
106-99-0	1,3-Butadiene	<1.4	8.6	1.4	<0.65	3.9	0.65	
74-83-9	Bromomethane	<1.2	8.8	1.2	<0.31	2.3	0.31	
75-00-3	Chloroethane	<1.1	8.8	1.1	<0.41	3.3	0.41	
64-17-5	Ethanol	**1,000**	85	6.0	**550**	45	3.2	**B**
75-05-8	Acetonitrile	**2.7**	8.6	2.1	**1.6**	5.1	1.3	**J**
107-02-8	Acrolein	**3.3**	16	2.4	**1.4**	7.1	1.1	**J**
67-64-1	Acetone	**120**	86	20	**50**	36	8.2	
75-69-4	Trichlorofluoromethane (CFC 11)	**8.9**	8.6	1.3	**1.6**	1.5	0.23	
67-63-0	2-Propanol (Isopropyl Alcohol)	**11**	34	3.6	**4.4**	14	1.5	**J**
107-13-1	Acrylonitrile	<1.8	8.6	1.8	<0.82	4.0	0.82	
75-35-4	1,1-Dichloroethene	<1.2	8.8	1.2	<0.30	2.2	0.30	
75-09-2	Methylene Chloride	<2.4	8.6	2.4	<0.70	2.5	0.70	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<1.2	8.8	1.2	<0.37	2.8	0.37	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<1.2	8.8	1.2	<0.16	1.1	0.16	
75-15-0	Carbon Disulfide	**8.7**	18	2.6	**2.8**	5.7	0.84	**J, B**
156-60-5	trans-1,2-Dichloroethene	<1.2	8.8	1.2	<0.30	2.2	0.30	
75-34-3	1,1-Dichloroethane	<1.3	8.9	1.3	<0.31	2.2	0.31	
1634-04-4	Methyl tert-Butyl Ether	<1.0	8.8	1.0	<0.28	2.4	0.28	
108-05-4	Vinyl Acetate	<20	88	20	<5.5	25	5.5	
78-93-3	2-Butanone (MEK)	**18**	18	1.8	**6.2**	6.1	0.61	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-136** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P2003323-003

Test Code: EPA TO-15 Date Collected: 6/10/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/15/20
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.12 Liter(s)
Test Notes:
Container ID: 1SS00739

Initial Pressure (psig): -3.72 Final Pressure (psig): 6.76

Canister Dilution Factor: 1.95

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<1.2	8.6	1.2	<0.31	2.2	0.31	
141-78-6	Ethyl Acetate	<4.6	18	4.6	<1.3	5.0	1.3	
110-54-3	n-Hexane	<1.8	8.8	1.8	<0.51	2.5	0.51	
67-66-3	Chloroform	**3.5**	8.8	1.2	**0.71**	1.8	0.24	**J**
109-99-9	Tetrahydrofuran (THF)	<1.1	8.9	1.1	<0.37	3.0	0.37	
107-06-2	1,2-Dichloroethane	<0.96	8.8	0.96	<0.24	2.2	0.24	
71-55-6	1,1,1-Trichloroethane	<1.1	8.8	1.1	<0.20	1.6	0.20	
71-43-2	Benzene	**3.0**	8.6	1.3	**0.95**	2.7	0.39	**J**
56-23-5	Carbon Tetrachloride	**1.7**	8.6	1.2	**0.27**	1.4	0.19	**J**
110-82-7	Cyclohexane	<2.4	18	2.4	<0.71	5.2	0.71	
78-87-5	1,2-Dichloropropane	<1.1	8.8	1.1	<0.23	1.9	0.23	
75-27-4	Bromodichloromethane	<1.3	8.8	1.3	<0.19	1.3	0.19	
79-01-6	Trichloroethene	**2.8**	8.8	1.2	**0.53**	1.6	0.22	**J**
123-91-1	1,4-Dioxane	<1.0	8.8	1.0	<0.28	2.4	0.28	
80-62-6	Methyl Methacrylate	<3.1	18	3.1	<0.75	4.4	0.75	
142-82-5	n-Heptane	<1.4	8.8	1.4	<0.34	2.1	0.34	
10061-01-5	cis-1,3-Dichloropropene	<1.3	8.5	1.3	<0.30	1.9	0.30	
108-10-1	4-Methyl-2-pentanone	**1.5**	8.6	1.2	**0.36**	2.1	0.29	**J**
10061-02-6	trans-1,3-Dichloropropene	<1.8	8.6	1.8	<0.39	1.9	0.39	
79-00-5	1,1,2-Trichloroethane	<0.88	8.8	0.88	<0.16	1.6	0.16	
108-88-3	Toluene	**3.7**	8.8	1.1	**0.97**	2.3	0.28	**J**
591-78-6	2-Hexanone	**2.1**	8.8	1.1	**0.51**	2.1	0.26	**J**
124-48-1	Dibromochloromethane	<1.1	8.8	1.1	<0.13	1.0	0.13	
106-93-4	1,2-Dibromoethane	<1.0	8.8	1.0	<0.13	1.1	0.13	
123-86-4	n-Butyl Acetate	**22**	8.9	1.2	**4.7**	1.9	0.25	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-136** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P2003323-003

Test Code: EPA TO-15 Date Collected: 6/10/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/15/20
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.12 Liter(s)
Test Notes:
Container ID: 1SS00739

Initial Pressure (psig): -3.72 Final Pressure (psig): 6.76

Canister Dilution Factor: 1.95

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<2.0	8.8	2.0	<0.42	1.9	0.42	
127-18-4	Tetrachloroethene	**570**	8.5	1.1	**84**	1.2	0.17	
108-90-7	Chlorobenzene	<1.2	8.8	1.2	<0.25	1.9	0.25	
100-41-4	Ethylbenzene	<1.2	8.8	1.2	<0.28	2.0	0.28	
179601-23-1	m,p-Xylenes	**3.7**	18	2.3	**0.85**	4.1	0.52	**J**
75-25-2	Bromoform	<1.8	8.8	1.8	<0.17	0.85	0.17	
100-42-5	Styrene	<1.4	8.6	1.4	<0.33	2.0	0.33	
95-47-6	o-Xylene	**1.6**	8.8	1.3	**0.36**	2.0	0.29	**J**
111-84-2	n-Nonane	<1.4	8.8	1.4	<0.28	1.7	0.28	
79-34-5	1,1,2,2-Tetrachloroethane	<1.2	8.8	1.2	<0.18	1.3	0.18	
98-82-8	Cumene	**8.4**	8.8	1.3	**1.7**	1.8	0.25	**J**
80-56-8	alpha-Pinene	<1.3	8.8	1.3	<0.24	1.6	0.24	
103-65-1	n-Propylbenzene	<1.3	8.8	1.3	<0.25	1.8	0.25	
622-96-8	4-Ethyltoluene	<1.4	8.8	1.4	<0.28	1.8	0.28	
108-67-8	1,3,5-Trimethylbenzene	<1.3	8.6	1.3	<0.25	1.8	0.25	
95-63-6	1,2,4-Trimethylbenzene	**3.4**	8.8	1.2	**0.69**	1.8	0.24	**J**
100-44-7	Benzyl Chloride	<2.0	18	2.0	<0.38	3.5	0.38	
541-73-1	1,3-Dichlorobenzene	<1.3	8.8	1.3	<0.22	1.5	0.22	
106-46-7	1,4-Dichlorobenzene	<1.3	8.8	1.3	<0.22	1.5	0.22	
95-50-1	1,2-Dichlorobenzene	<1.3	8.8	1.3	<0.21	1.5	0.21	
5989-27-5	d-Limonene	**6.0**	8.8	1.8	**1.1**	1.6	0.32	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<1.6	8.6	1.6	<0.17	0.89	0.17	
120-82-1	1,2,4-Trichlorobenzene	<2.1	8.8	2.1	<0.28	1.2	0.28	
91-20-3	Naphthalene	<2.1	8.5	2.1	<0.40	1.6	0.40	
87-68-3	Hexachlorobutadiene	<1.8	8.6	1.8	<0.17	0.81	0.17	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-115** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P2003323-004

Test Code: EPA TO-15 Date Collected: 6/10/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/15/20
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00530

Initial Pressure (psig): -2.80 Final Pressure (psig): 7.09

Canister Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**4.2**	2.4	0.59	**2.4**	1.4	0.35	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	2.4	0.40	**0.49**	0.49	0.081	**J**
74-87-3	Chloromethane	**1.1**	2.4	0.39	**0.51**	1.2	0.19	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.38	2.4	0.38	<0.055	0.35	0.055	
75-01-4	Vinyl Chloride	<0.26	2.5	0.26	<0.10	0.97	0.10	
106-99-0	1,3-Butadiene	<0.40	2.4	0.40	<0.18	1.1	0.18	
74-83-9	Bromomethane	**0.34**	2.5	0.34	**0.088**	0.64	0.087	**J**
75-00-3	Chloroethane	**0.44**	2.5	0.30	**0.17**	0.94	0.11	**J**
64-17-5	Ethanol	**140**	24	1.7	**74**	13	0.90	**B**
75-05-8	Acetonitrile	**1.3**	2.4	0.59	**0.77**	1.4	0.35	**J**
107-02-8	Acrolein	**4.0**	4.6	0.69	**1.8**	2.0	0.30	**J**
67-64-1	Acetone	**59**	24	5.5	**25**	10	2.3	
75-69-4	Trichlorofluoromethane (CFC 11)	**13**	2.4	0.37	**2.4**	0.43	0.066	
67-63-0	2-Propanol (Isopropyl Alcohol)	**6.3**	9.6	1.0	**2.6**	3.9	0.41	**J**
107-13-1	Acrylonitrile	<0.50	2.4	0.50	<0.23	1.1	0.23	
75-35-4	1,1-Dichloroethene	<0.34	2.5	0.34	<0.085	0.62	0.085	
75-09-2	Methylene Chloride	<0.69	2.4	0.69	<0.20	0.70	0.20	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.33	2.5	0.33	<0.11	0.79	0.11	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.98**	2.5	0.35	**0.13**	0.32	0.045	**J**
75-15-0	Carbon Disulfide	**1.5**	5.0	0.73	**0.47**	1.6	0.24	**J, B**
156-60-5	trans-1,2-Dichloroethene	<0.34	2.5	0.34	<0.085	0.62	0.085	
75-34-3	1,1-Dichloroethane	<0.36	2.5	0.36	<0.088	0.62	0.088	
1634-04-4	Methyl tert-Butyl Ether	<0.29	2.5	0.29	<0.080	0.69	0.080	
108-05-4	Vinyl Acetate	**11**	25	5.5	**3.2**	7.0	1.6	**J**
78-93-3	2-Butanone (MEK)	**13**	5.0	0.50	**4.3**	1.7	0.17	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-115** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P2003323-004

Test Code: EPA TO-15 Date Collected: 6/10/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/15/20
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00530

Initial Pressure (psig): -2.80 Final Pressure (psig): 7.09

Canister Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	**0.46**	2.4	0.34	**0.12**	0.61	0.087	**J**
141-78-6	Ethyl Acetate	**2.1**	5.0	1.3	**0.60**	1.4	0.36	**J**
110-54-3	n-Hexane	**0.70**	2.5	0.50	**0.20**	0.70	0.14	**J**
67-66-3	Chloroform	**2.8**	2.5	0.32	**0.57**	0.51	0.067	
109-99-9	Tetrahydrofuran (THF)	**0.81**	2.5	0.31	**0.28**	0.85	0.10	**J**
107-06-2	1,2-Dichloroethane	<0.27	2.5	0.27	<0.067	0.61	0.067	
71-55-6	1,1,1-Trichloroethane	<0.30	2.5	0.30	<0.055	0.45	0.055	
71-43-2	Benzene	**0.39**	2.4	0.35	**0.12**	0.76	0.11	**J**
56-23-5	Carbon Tetrachloride	**11**	2.4	0.34	**1.7**	0.39	0.054	
110-82-7	Cyclohexane	<0.69	5.0	0.69	<0.20	1.5	0.20	
78-87-5	1,2-Dichloropropane	<0.30	2.5	0.30	<0.065	0.53	0.065	
75-27-4	Bromodichloromethane	<0.35	2.5	0.35	<0.053	0.37	0.053	
79-01-6	Trichloroethene	**2.5**	2.5	0.33	**0.46**	0.46	0.061	
123-91-1	1,4-Dioxane	<0.29	2.5	0.29	<0.080	0.69	0.080	
80-62-6	Methyl Methacrylate	<0.87	5.0	0.87	<0.21	1.2	0.21	
142-82-5	n-Heptane	**0.84**	2.5	0.39	**0.21**	0.60	0.095	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.38	2.4	0.38	<0.084	0.52	0.084	
108-10-1	4-Methyl-2-pentanone	**3.2**	2.4	0.33	**0.79**	0.59	0.082	
10061-02-6	trans-1,3-Dichloropropene	<0.50	2.4	0.50	<0.11	0.53	0.11	
79-00-5	1,1,2-Trichloroethane	<0.25	2.5	0.25	<0.045	0.45	0.045	
108-88-3	Toluene	**3.7**	2.5	0.30	**0.99**	0.66	0.079	
591-78-6	2-Hexanone	<0.30	2.5	0.30	<0.074	0.60	0.074	
124-48-1	Dibromochloromethane	<0.32	2.5	0.32	<0.038	0.29	0.038	
106-93-4	1,2-Dibromoethane	<0.28	2.5	0.28	<0.037	0.32	0.037	
123-86-4	n-Butyl Acetate	**0.87**	2.5	0.33	**0.18**	0.53	0.070	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-115** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P2003323-004

Test Code: EPA TO-15 Date Collected: 6/10/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/15/20
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00530

Initial Pressure (psig): -2.80 Final Pressure (psig): 7.09

Canister Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**0.68**	2.5	0.55	**0.14**	0.53	0.12	**J**
127-18-4	Tetrachloroethene	**330**	2.4	0.32	**49**	0.35	0.047	
108-90-7	Chlorobenzene	<0.32	2.5	0.32	<0.071	0.54	0.071	
100-41-4	Ethylbenzene	**1.1**	2.5	0.34	**0.26**	0.57	0.079	**J**
179601-23-1	m,p-Xylenes	**3.6**	5.0	0.64	**0.82**	1.2	0.15	**J**
75-25-2	Bromoform	<0.50	2.5	0.50	<0.049	0.24	0.049	
100-42-5	Styrene	**2.2**	2.4	0.39	**0.52**	0.57	0.092	**J**
95-47-6	o-Xylene	**1.1**	2.5	0.35	**0.25**	0.57	0.081	**J**
111-84-2	n-Nonane	<0.41	2.5	0.41	<0.078	0.47	0.078	
79-34-5	1,1,2,2-Tetrachloroethane	<0.34	2.5	0.34	<0.049	0.36	0.049	
98-82-8	Cumene	<0.35	2.5	0.35	<0.072	0.50	0.072	
80-56-8	alpha-Pinene	<0.38	2.5	0.38	<0.067	0.44	0.067	
103-65-1	n-Propylbenzene	<0.35	2.5	0.35	<0.072	0.50	0.072	
622-96-8	4-Ethyltoluene	**0.44**	2.5	0.39	**0.089**	0.50	0.079	**J**
108-67-8	1,3,5-Trimethylbenzene	<0.35	2.4	0.35	<0.072	0.49	0.072	
95-63-6	1,2,4-Trimethylbenzene	**1.2**	2.5	0.34	**0.23**	0.50	0.069	**J**
100-44-7	Benzyl Chloride	<0.55	5.0	0.55	<0.11	0.97	0.11	
541-73-1	1,3-Dichlorobenzene	<0.37	2.5	0.37	<0.061	0.41	0.061	
106-46-7	1,4-Dichlorobenzene	<0.38	2.5	0.38	<0.062	0.41	0.062	
95-50-1	1,2-Dichlorobenzene	<0.36	2.5	0.36	<0.060	0.41	0.060	
5989-27-5	d-Limonene	**2.2**	2.5	0.50	**0.39**	0.44	0.090	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.46	2.4	0.46	<0.047	0.25	0.047	
120-82-1	1,2,4-Trichlorobenzene	<0.59	2.5	0.59	<0.080	0.33	0.080	
91-20-3	Naphthalene	<0.59	2.4	0.59	<0.11	0.45	0.11	
87-68-3	Hexachlorobutadiene	<0.50	2.4	0.50	<0.047	0.23	0.047	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-19** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P2003323-005

Test Code: EPA TO-15 Date Collected: 6/10/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/15/20
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.10 Liter(s)
Test Notes:
Container ID: 1SS00851

Initial Pressure (psig): -4.42 Final Pressure (psig): 5.87

Canister Dilution Factor: 2.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**9.9**	11	2.6	**5.7**	6.2	1.5	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.5**	11	1.7	**0.51**	2.1	0.35	**J**
74-87-3	Chloromethane	<1.7	11	1.7	<0.83	5.1	0.83	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<1.7	11	1.7	<0.24	1.5	0.24	
75-01-4	Vinyl Chloride	<1.1	11	1.1	<0.45	4.2	0.45	
106-99-0	1,3-Butadiene	<1.8	11	1.8	<0.80	4.8	0.80	
74-83-9	Bromomethane	<1.5	11	1.5	<0.38	2.8	0.38	
75-00-3	Chloroethane	<1.3	11	1.3	<0.50	4.1	0.50	
64-17-5	Ethanol	**710**	100	7.4	**380**	55	3.9	**B**
75-05-8	Acetonitrile	<2.6	11	2.6	<1.5	6.3	1.5	
107-02-8	Acrolein	**4.0**	20	3.0	**1.8**	8.7	1.3	**J**
67-64-1	Acetone	**100**	110	24	**44**	45	10	**J**
75-69-4	Trichlorofluoromethane (CFC 11)	**30**	11	1.6	**5.4**	1.9	0.29	
67-63-0	2-Propanol (Isopropyl Alcohol)	**86**	42	4.4	**35**	17	1.8	
107-13-1	Acrylonitrile	<2.2	11	2.2	<1.0	4.9	1.0	
75-35-4	1,1-Dichloroethene	<1.5	11	1.5	<0.37	2.7	0.37	
75-09-2	Methylene Chloride	<3.0	11	3.0	<0.86	3.1	0.86	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<1.4	11	1.4	<0.46	3.5	0.46	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<1.5	11	1.5	<0.20	1.4	0.20	
75-15-0	Carbon Disulfide	**33**	22	3.2	**11**	7.1	1.0	**B**
156-60-5	trans-1,2-Dichloroethene	<1.5	11	1.5	<0.37	2.7	0.37	
75-34-3	1,1-Dichloroethane	<1.6	11	1.6	<0.39	2.7	0.39	
1634-04-4	Methyl tert-Butyl Ether	<1.3	11	1.3	<0.35	3.0	0.35	
108-05-4	Vinyl Acetate	<24	110	24	<6.8	31	6.8	
78-93-3	2-Butanone (MEK)	**15**	22	2.2	**5.0**	7.5	0.75	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-19** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P2003323-005

Test Code: EPA TO-15 Date Collected: 6/10/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/15/20
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.10 Liter(s)
Test Notes:
Container ID: 1SS00851

Initial Pressure (psig): -4.42 Final Pressure (psig): 5.87

Canister Dilution Factor: 2.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<1.5	11	1.5	<0.38	2.7	0.38	
141-78-6	Ethyl Acetate	**25**	22	5.6	**6.9**	6.1	1.6	
110-54-3	n-Hexane	<2.2	11	2.2	<0.62	3.1	0.62	
67-66-3	Chloroform	**3.6**	11	1.4	**0.75**	2.2	0.29	**J**
109-99-9	Tetrahydrofuran (THF)	<1.3	11	1.3	<0.45	3.7	0.45	
107-06-2	1,2-Dichloroethane	<1.2	11	1.2	<0.29	2.7	0.29	
71-55-6	1,1,1-Trichloroethane	<1.3	11	1.3	<0.24	2.0	0.24	
71-43-2	Benzene	**3.4**	11	1.5	**1.1**	3.3	0.48	**J**
56-23-5	Carbon Tetrachloride	<1.5	11	1.5	<0.24	1.7	0.24	
110-82-7	Cyclohexane	<3.0	22	3.0	<0.87	6.4	0.87	
78-87-5	1,2-Dichloropropane	<1.3	11	1.3	<0.29	2.3	0.29	
75-27-4	Bromodichloromethane	<1.5	11	1.5	<0.23	1.6	0.23	
79-01-6	Trichloroethene	**2.9**	11	1.4	**0.54**	2.0	0.27	**J**
123-91-1	1,4-Dioxane	<1.3	11	1.3	<0.35	3.0	0.35	
80-62-6	Methyl Methacrylate	<3.8	22	3.8	<0.93	5.4	0.93	
142-82-5	n-Heptane	<1.7	11	1.7	<0.41	2.6	0.41	
10061-01-5	cis-1,3-Dichloropropene	<1.7	10	1.7	<0.37	2.3	0.37	
108-10-1	4-Methyl-2-pentanone	<1.5	11	1.5	<0.36	2.6	0.36	
10061-02-6	trans-1,3-Dichloropropene	<2.2	11	2.2	<0.48	2.3	0.48	
79-00-5	1,1,2-Trichloroethane	<1.1	11	1.1	<0.20	2.0	0.20	
108-88-3	Toluene	**4.2**	11	1.3	**1.1**	2.9	0.35	**J**
591-78-6	2-Hexanone	**2.1**	11	1.3	**0.51**	2.6	0.32	**J**
124-48-1	Dibromochloromethane	<1.4	11	1.4	<0.16	1.3	0.16	
106-93-4	1,2-Dibromoethane	<1.2	11	1.2	<0.16	1.4	0.16	
123-86-4	n-Butyl Acetate	**28**	11	1.5	**5.9**	2.3	0.31	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-19** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P2003323-005

Test Code: EPA TO-15 Date Collected: 6/10/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/15/20
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.10 Liter(s)
Test Notes:
Container ID: 1SS00851

Initial Pressure (psig): -4.42 Final Pressure (psig): 5.87

Canister Dilution Factor: 2.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<2.4	11	2.4	<0.51	2.3	0.51	
127-18-4	Tetrachloroethene	**1,200**	10	1.4	**180**	1.5	0.20	
108-90-7	Chlorobenzene	<1.4	11	1.4	<0.31	2.3	0.31	
100-41-4	Ethylbenzene	<1.5	11	1.5	<0.35	2.5	0.35	
179601-23-1	m,p-Xylenes	**4.4**	22	2.8	**1.0**	5.1	0.64	**J**
75-25-2	Bromoform	<2.2	11	2.2	<0.21	1.0	0.21	
100-42-5	Styrene	<1.7	11	1.7	<0.40	2.5	0.40	
95-47-6	o-Xylene	**1.7**	11	1.5	**0.40**	2.5	0.35	**J**
111-84-2	n-Nonane	<1.8	11	1.8	<0.34	2.1	0.34	
79-34-5	1,1,2,2-Tetrachloroethane	<1.5	11	1.5	<0.22	1.6	0.22	
98-82-8	Cumene	**6.9**	11	1.5	**1.4**	2.2	0.31	**J**
80-56-8	alpha-Pinene	<1.6	11	1.6	<0.29	1.9	0.29	
103-65-1	n-Propylbenzene	<1.5	11	1.5	<0.31	2.2	0.31	
622-96-8	4-Ethyltoluene	<1.7	11	1.7	<0.35	2.2	0.35	
108-67-8	1,3,5-Trimethylbenzene	<1.5	11	1.5	<0.31	2.2	0.31	
95-63-6	1,2,4-Trimethylbenzene	**3.2**	11	1.5	**0.66**	2.2	0.30	**J**
100-44-7	Benzyl Chloride	<2.4	22	2.4	<0.46	4.3	0.46	
541-73-1	1,3-Dichlorobenzene	<1.6	11	1.6	<0.27	1.8	0.27	
106-46-7	1,4-Dichlorobenzene	<1.6	11	1.6	<0.27	1.8	0.27	
95-50-1	1,2-Dichlorobenzene	<1.6	11	1.6	<0.26	1.8	0.26	
5989-27-5	d-Limonene	**7.9**	11	2.2	**1.4**	1.9	0.39	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<2.0	11	2.0	<0.21	1.1	0.21	
120-82-1	1,2,4-Trichlorobenzene	<2.6	11	2.6	<0.35	1.5	0.35	
91-20-3	Naphthalene	<2.6	10	2.6	<0.50	2.0	0.50	
87-68-3	Hexachlorobutadiene	<2.2	11	2.2	<0.21	0.99	0.21	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-17** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P2003323-006

Test Code: EPA TO-15 Date Collected: 6/10/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/15/20
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.17 Liter(s)
Test Notes:
Container ID: 1SS00747

Initial Pressure (psig): -3.18 Final Pressure (psig): 5.31

Canister Dilution Factor: 1.74

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**6.1**	5.4	1.3	**3.5**	3.2	0.77	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	5.4	0.89	**0.48**	1.1	0.18	**J**
74-87-3	Chloromethane	**1.4**	5.4	0.88	**0.68**	2.6	0.43	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.86	5.4	0.86	<0.12	0.78	0.12	
75-01-4	Vinyl Chloride	<0.58	5.5	0.58	<0.23	2.2	0.23	
106-99-0	1,3-Butadiene	<0.90	5.4	0.90	<0.41	2.5	0.41	
74-83-9	Bromomethane	<0.76	5.5	0.76	<0.20	1.4	0.20	
75-00-3	Chloroethane	<0.68	5.5	0.68	<0.26	2.1	0.26	
64-17-5	Ethanol	**350**	53	3.8	**180**	28	2.0	**B**
75-05-8	Acetonitrile	**1.5**	5.4	1.3	**0.91**	3.2	0.79	**J**
107-02-8	Acrolein	**5.6**	10	1.5	**2.4**	4.5	0.67	**J**
67-64-1	Acetone	**96**	54	12	**40**	23	5.2	
75-69-4	Trichlorofluoromethane (CFC 11)	**3.8**	5.4	0.83	**0.68**	0.97	0.15	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**33**	21	2.3	**13**	8.7	0.92	
107-13-1	Acrylonitrile	<1.1	5.4	1.1	<0.52	2.5	0.52	
75-35-4	1,1-Dichloroethene	<0.76	5.5	0.76	<0.19	1.4	0.19	
75-09-2	Methylene Chloride	**12**	5.4	1.5	**3.5**	1.6	0.44	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.74	5.5	0.74	<0.24	1.8	0.24	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.78	5.5	0.78	<0.10	0.72	0.10	
75-15-0	Carbon Disulfide	**3.2**	11	1.6	**1.0**	3.6	0.53	**J, B**
156-60-5	trans-1,2-Dichloroethene	<0.76	5.5	0.76	<0.19	1.4	0.19	
75-34-3	1,1-Dichloroethane	<0.80	5.6	0.80	<0.20	1.4	0.20	
1634-04-4	Methyl tert-Butyl Ether	<0.64	5.5	0.64	<0.18	1.5	0.18	
108-05-4	Vinyl Acetate	**18**	55	12	**5.2**	16	3.5	**J**
78-93-3	2-Butanone (MEK)	**11**	11	1.1	**3.9**	3.8	0.38	

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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-17** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P2003323-006

Test Code: EPA TO-15 Date Collected: 6/10/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/15/20
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.17 Liter(s)
Test Notes:
Container ID: 1SS00747

Initial Pressure (psig): -3.18 Final Pressure (psig): 5.31

Canister Dilution Factor: 1.74

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.77	5.4	0.77	<0.19	1.4	0.19	
141-78-6	Ethyl Acetate	**270**	11	2.9	**75**	3.1	0.80	
110-54-3	n-Hexane	**5.3**	5.5	1.1	**1.5**	1.6	0.32	**J**
67-66-3	Chloroform	**4.0**	5.5	0.73	**0.82**	1.1	0.15	**J**
109-99-9	Tetrahydrofuran (THF)	**0.74**	5.6	0.69	**0.25**	1.9	0.23	**J**
107-06-2	1,2-Dichloroethane	<0.60	5.5	0.60	<0.15	1.4	0.15	
71-55-6	1,1,1-Trichloroethane	<0.68	5.5	0.68	<0.12	1.0	0.12	
71-43-2	Benzene	**1.6**	5.4	0.79	**0.49**	1.7	0.25	**J**
56-23-5	Carbon Tetrachloride	**1.8**	5.4	0.76	**0.29**	0.86	0.12	**J**
110-82-7	Cyclohexane	<1.5	11	1.5	<0.45	3.3	0.45	
78-87-5	1,2-Dichloropropane	<0.68	5.5	0.68	<0.15	1.2	0.15	
75-27-4	Bromodichloromethane	<0.79	5.5	0.79	<0.12	0.83	0.12	
79-01-6	Trichloroethene	**1.6**	5.5	0.74	**0.29**	1.0	0.14	**J**
123-91-1	1,4-Dioxane	<0.64	5.5	0.64	<0.18	1.5	0.18	
80-62-6	Methyl Methacrylate	**3.8**	11	1.9	**0.92**	2.8	0.48	**J**
142-82-5	n-Heptane	**2.0**	5.5	0.87	**0.48**	1.3	0.21	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.85	5.3	0.85	<0.19	1.2	0.19	
108-10-1	4-Methyl-2-pentanone	**2.5**	5.4	0.75	**0.60**	1.3	0.18	**J**
10061-02-6	trans-1,3-Dichloropropene	<1.1	5.4	1.1	<0.25	1.2	0.25	
79-00-5	1,1,2-Trichloroethane	<0.55	5.5	0.55	<0.10	1.0	0.10	
108-88-3	Toluene	**22**	5.5	0.67	**5.9**	1.5	0.18	
591-78-6	2-Hexanone	<0.68	5.5	0.68	<0.16	1.3	0.16	
124-48-1	Dibromochloromethane	<0.72	5.5	0.72	<0.084	0.65	0.084	
106-93-4	1,2-Dibromoethane	<0.63	5.5	0.63	<0.083	0.72	0.083	
123-86-4	n-Butyl Acetate	**32**	5.6	0.75	**6.7**	1.2	0.16	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-17** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P2003323-006

Test Code: EPA TO-15 Date Collected: 6/10/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/15/20
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.17 Liter(s)
Test Notes:
Container ID: 1SS00747

Initial Pressure (psig): -3.18 Final Pressure (psig): 5.31

Canister Dilution Factor: 1.74

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**2.8**	5.5	1.2	**0.60**	1.2	0.26	**J**
127-18-4	Tetrachloroethene	**210**	5.3	0.71	**31**	0.79	0.10	
108-90-7	Chlorobenzene	<0.73	5.5	0.73	<0.16	1.2	0.16	
100-41-4	Ethylbenzene	**2.8**	5.5	0.77	**0.64**	1.3	0.18	**J**
179601-23-1	m,p-Xylenes	**8.7**	11	1.4	**2.0**	2.6	0.33	**J**
75-25-2	Bromoform	<1.1	5.5	1.1	<0.11	0.53	0.11	
100-42-5	Styrene	**3.8**	5.4	0.88	**0.89**	1.3	0.21	**J**
95-47-6	o-Xylene	**2.9**	5.5	0.79	**0.67**	1.3	0.18	**J**
111-84-2	n-Nonane	**3.3**	5.5	0.91	**0.63**	1.1	0.17	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.76	5.5	0.76	<0.11	0.81	0.11	
98-82-8	Cumene	<0.79	5.5	0.79	<0.16	1.1	0.16	
80-56-8	alpha-Pinene	**0.89**	5.5	0.84	**0.16**	0.99	0.15	**J**
103-65-1	n-Propylbenzene	**0.86**	5.5	0.79	**0.17**	1.1	0.16	**J**
622-96-8	4-Ethyltoluene	**1.4**	5.5	0.87	**0.29**	1.1	0.18	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.85**	5.4	0.79	**0.17**	1.1	0.16	**J**
95-63-6	1,2,4-Trimethylbenzene	**5.0**	5.5	0.76	**1.0**	1.1	0.15	**J**
100-44-7	Benzyl Chloride	<1.2	11	1.2	<0.24	2.2	0.24	
541-73-1	1,3-Dichlorobenzene	<0.82	5.5	0.82	<0.14	0.92	0.14	
106-46-7	1,4-Dichlorobenzene	<0.84	5.5	0.84	<0.14	0.92	0.14	
95-50-1	1,2-Dichlorobenzene	<0.81	5.5	0.81	<0.13	0.92	0.13	
5989-27-5	d-Limonene	**6.8**	5.5	1.1	**1.2**	0.99	0.20	
96-12-8	1,2-Dibromo-3-chloropropane	<1.0	5.4	1.0	<0.11	0.56	0.11	
120-82-1	1,2,4-Trichlorobenzene	<1.3	5.5	1.3	<0.18	0.74	0.18	
91-20-3	Naphthalene	**1.5**	5.3	1.3	**0.28**	1.0	0.25	**J**
87-68-3	Hexachlorobutadiene	<1.1	5.4	1.1	<0.11	0.51	0.11	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-96** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P2003323-007

Test Code: EPA TO-15 Date Collected: 6/10/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/15/20
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.050 Liter(s)
Test Notes:
Container ID: 1SS00179

Initial Pressure (psig): -3.62 Final Pressure (psig): 5.88

Canister Dilution Factor: 1.86

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**5.8**	20	4.8	**3.4**	11	2.8	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	<3.2	20	3.2	<0.65	4.0	0.65	
74-87-3	Chloromethane	<3.2	20	3.2	<1.5	9.6	1.5	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<3.1	20	3.1	<0.45	2.8	0.45	
75-01-4	Vinyl Chloride	<2.1	20	2.1	<0.83	7.9	0.83	
106-99-0	1,3-Butadiene	<3.3	20	3.3	<1.5	8.9	1.5	
74-83-9	Bromomethane	<2.8	20	2.8	<0.71	5.2	0.71	
75-00-3	Chloroethane	<2.5	20	2.5	<0.93	7.6	0.93	
64-17-5	Ethanol	**200**	190	14	**110**	100	7.3	**B**
75-05-8	Acetonitrile	<4.8	20	4.8	<2.9	12	2.9	
107-02-8	Acrolein	<5.6	37	5.6	<2.4	16	2.4	
67-64-1	Acetone	**200**	200	45	**82**	83	19	**J**
75-69-4	Trichlorofluoromethane (CFC 11)	**11**	20	3.0	**2.0**	3.5	0.54	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**14**	78	8.2	**5.8**	32	3.3	**J**
107-13-1	Acrylonitrile	<4.1	20	4.1	<1.9	9.1	1.9	
75-35-4	1,1-Dichloroethene	<2.8	20	2.8	<0.69	5.1	0.69	
75-09-2	Methylene Chloride	<5.6	20	5.6	<1.6	5.7	1.6	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<2.7	20	2.7	<0.86	6.4	0.86	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<2.8	20	2.8	<0.37	2.6	0.37	
75-15-0	Carbon Disulfide	**130**	41	6.0	**40**	13	1.9	**B**
156-60-5	trans-1,2-Dichloroethene	<2.8	20	2.8	<0.69	5.1	0.69	
75-34-3	1,1-Dichloroethane	<2.9	20	2.9	<0.72	5.1	0.72	
1634-04-4	Methyl tert-Butyl Ether	<2.3	20	2.3	<0.65	5.6	0.65	
108-05-4	Vinyl Acetate	<45	200	45	<13	57	13	
78-93-3	2-Butanone (MEK)	**31**	41	4.1	**10**	14	1.4	**J**

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B = Analyte detected in both the sample and associated method blank.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-96** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P2003323-007

Test Code: EPA TO-15 Date Collected: 6/10/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/15/20
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.050 Liter(s)
Test Notes:
Container ID: 1SS00179

Initial Pressure (psig): -3.62 Final Pressure (psig): 5.88

Canister Dilution Factor: 1.86

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<2.8	20	2.8	<0.70	5.0	0.70	
141-78-6	Ethyl Acetate	<10	41	10	<2.9	11	2.9	
110-54-3	n-Hexane	<4.1	20	4.1	<1.2	5.7	1.2	
67-66-3	Chloroform	<2.6	20	2.6	<0.54	4.1	0.54	
109-99-9	Tetrahydrofuran (THF)	<2.5	20	2.5	<0.85	6.9	0.85	
107-06-2	1,2-Dichloroethane	<2.2	20	2.2	<0.54	5.0	0.54	
71-55-6	1,1,1-Trichloroethane	<2.5	20	2.5	<0.45	3.7	0.45	
71-43-2	Benzene	**6.1**	20	2.9	**1.9**	6.2	0.90	**J**
56-23-5	Carbon Tetrachloride	<2.8	20	2.8	<0.44	3.1	0.44	
110-82-7	Cyclohexane	<5.6	41	5.6	<1.6	12	1.6	
78-87-5	1,2-Dichloropropane	<2.5	20	2.5	<0.53	4.3	0.53	
75-27-4	Bromodichloromethane	<2.9	20	2.9	<0.43	3.0	0.43	
79-01-6	Trichloroethene	**6.4**	20	2.7	**1.2**	3.7	0.50	**J**
123-91-1	1,4-Dioxane	<2.3	20	2.3	<0.65	5.6	0.65	
80-62-6	Methyl Methacrylate	<7.1	41	7.1	<1.7	10	1.7	
142-82-5	n-Heptane	<3.2	20	3.2	<0.77	4.9	0.77	
10061-01-5	cis-1,3-Dichloropropene	<3.1	19	3.1	<0.68	4.3	0.68	
108-10-1	4-Methyl-2-pentanone	<2.7	20	2.7	<0.66	4.8	0.66	
10061-02-6	trans-1,3-Dichloropropene	<4.1	20	4.1	<0.90	4.3	0.90	
79-00-5	1,1,2-Trichloroethane	<2.0	20	2.0	<0.37	3.7	0.37	
108-88-3	Toluene	**11**	20	2.4	**3.0**	5.3	0.64	**J**
591-78-6	2-Hexanone	**5.8**	20	2.5	**1.4**	4.9	0.60	**J**
124-48-1	Dibromochloromethane	<2.6	20	2.6	<0.31	2.4	0.31	
106-93-4	1,2-Dibromoethane	<2.3	20	2.3	<0.30	2.6	0.30	
123-86-4	n-Butyl Acetate	**19**	20	2.7	**4.0**	4.3	0.57	**J**

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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-96** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P2003323-007

Test Code: EPA TO-15 Date Collected: 6/10/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/15/20
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.050 Liter(s)
Test Notes:
Container ID: 1SS00179

Initial Pressure (psig): -3.62 Final Pressure (psig): 5.88

Canister Dilution Factor: 1.86

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<4.5	20	4.5	<0.96	4.3	0.96	
127-18-4	Tetrachloroethene	**3,000**	19	2.6	**450**	2.9	0.38	
108-90-7	Chlorobenzene	<2.6	20	2.6	<0.57	4.4	0.57	
100-41-4	Ethylbenzene	**2.9**	20	2.8	**0.68**	4.6	0.64	**J**
179601-23-1	m,p-Xylenes	**6.6**	41	5.2	**1.5**	9.4	1.2	**J**
75-25-2	Bromoform	<4.1	20	4.1	<0.40	1.9	0.40	
100-42-5	Styrene	<3.2	20	3.2	<0.75	4.6	0.75	
95-47-6	o-Xylene	**5.4**	20	2.9	**1.3**	4.6	0.66	**J**
111-84-2	n-Nonane	<3.3	20	3.3	<0.63	3.8	0.63	
79-34-5	1,1,2,2-Tetrachloroethane	<2.8	20	2.8	<0.40	2.9	0.40	
98-82-8	Cumene	**7.3**	20	2.9	**1.5**	4.1	0.58	**J**
80-56-8	alpha-Pinene	<3.1	20	3.1	<0.55	3.6	0.55	
103-65-1	n-Propylbenzene	<2.9	20	2.9	<0.58	4.1	0.58	
622-96-8	4-Ethyltoluene	<3.2	20	3.2	<0.64	4.1	0.64	
108-67-8	1,3,5-Trimethylbenzene	<2.9	20	2.9	<0.58	4.0	0.58	
95-63-6	1,2,4-Trimethylbenzene	**4.4**	20	2.8	**0.89**	4.1	0.56	**J**
100-44-7	Benzyl Chloride	<4.5	41	4.5	<0.86	7.9	0.86	
541-73-1	1,3-Dichlorobenzene	<3.0	20	3.0	<0.50	3.3	0.50	
106-46-7	1,4-Dichlorobenzene	<3.1	20	3.1	<0.51	3.3	0.51	
95-50-1	1,2-Dichlorobenzene	<2.9	20	2.9	<0.49	3.3	0.49	
5989-27-5	d-Limonene	**8.3**	20	4.1	**1.5**	3.6	0.73	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<3.7	20	3.7	<0.39	2.0	0.39	
120-82-1	1,2,4-Trichlorobenzene	<4.8	20	4.8	<0.65	2.7	0.65	
91-20-3	Naphthalene	<4.8	19	4.8	<0.92	3.7	0.92	
87-68-3	Hexachlorobutadiene	<4.1	20	4.1	<0.38	1.8	0.38	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG74** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P2003323-008

Test Code: EPA TO-15 Date Collected: 6/10/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/15/20
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01023

Initial Pressure (psig): -2.65 Final Pressure (psig): 6.18

Canister Dilution Factor: 1.73

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.7**	2.3	0.56	**0.96**	1.3	0.33	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.8**	2.3	0.38	**0.57**	0.46	0.076	
74-87-3	Chloromethane	<0.37	2.3	0.37	<0.18	1.1	0.18	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.36	2.3	0.36	<0.052	0.33	0.052	
75-01-4	Vinyl Chloride	<0.25	2.3	0.25	<0.096	0.91	0.096	
106-99-0	1,3-Butadiene	<0.38	2.3	0.38	<0.17	1.0	0.17	
74-83-9	Bromomethane	<0.32	2.3	0.32	<0.082	0.60	0.082	
75-00-3	Chloroethane	<0.29	2.3	0.29	<0.11	0.89	0.11	
64-17-5	Ethanol	**77**	22	1.6	**41**	12	0.85	**B**
75-05-8	Acetonitrile	<0.56	2.3	0.56	<0.34	1.4	0.34	
107-02-8	Acrolein	**1.1**	4.3	0.65	**0.47**	1.9	0.28	**J**
67-64-1	Acetone	**20**	23	5.2	**8.2**	9.7	2.2	**J**
75-69-4	Trichlorofluoromethane (CFC 11)	**18**	2.3	0.35	**3.1**	0.41	0.062	
67-63-0	2-Propanol (Isopropyl Alcohol)	**2.0**	9.1	0.95	**0.82**	3.7	0.39	**J**
107-13-1	Acrylonitrile	<0.48	2.3	0.48	<0.22	1.1	0.22	
75-35-4	1,1-Dichloroethene	<0.32	2.3	0.32	<0.081	0.59	0.081	
75-09-2	Methylene Chloride	<0.65	2.3	0.65	<0.19	0.66	0.19	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.31	2.3	0.31	<0.10	0.75	0.10	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.91**	2.3	0.33	**0.12**	0.30	0.043	**J**
75-15-0	Carbon Disulfide	**1.3**	4.8	0.69	**0.43**	1.5	0.22	**J, B**
156-60-5	trans-1,2-Dichloroethene	<0.32	2.3	0.32	<0.081	0.59	0.081	
75-34-3	1,1-Dichloroethane	<0.34	2.4	0.34	<0.083	0.59	0.083	
1634-04-4	Methyl tert-Butyl Ether	<0.27	2.3	0.27	<0.076	0.65	0.076	
108-05-4	Vinyl Acetate	<5.2	23	5.2	<1.5	6.6	1.5	
78-93-3	2-Butanone (MEK)	**2.4**	4.8	0.48	**0.82**	1.6	0.16	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG74** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P2003323-008

Test Code: EPA TO-15 Date Collected: 6/10/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/15/20
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01023

Initial Pressure (psig): -2.65 Final Pressure (psig): 6.18

Canister Dilution Factor: 1.73

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.32	2.3	0.32	<0.082	0.58	0.082	
141-78-6	Ethyl Acetate	**1.3**	4.8	1.2	**0.37**	1.3	0.34	**J**
110-54-3	n-Hexane	**0.63**	2.3	0.48	**0.18**	0.66	0.14	**J**
67-66-3	Chloroform	**2.1**	2.3	0.31	**0.44**	0.48	0.063	**J**
109-99-9	Tetrahydrofuran (THF)	<0.29	2.4	0.29	<0.098	0.81	0.098	
107-06-2	1,2-Dichloroethane	<0.26	2.3	0.26	<0.063	0.58	0.063	
71-55-6	1,1,1-Trichloroethane	<0.29	2.3	0.29	<0.052	0.43	0.052	
71-43-2	Benzene	<0.33	2.3	0.33	<0.10	0.72	0.10	
56-23-5	Carbon Tetrachloride	**11**	2.3	0.32	**1.8**	0.36	0.051	
110-82-7	Cyclohexane	<0.65	4.8	0.65	<0.19	1.4	0.19	
78-87-5	1,2-Dichloropropane	<0.29	2.3	0.29	<0.062	0.51	0.062	
75-27-4	Bromodichloromethane	<0.33	2.3	0.33	<0.050	0.35	0.050	
79-01-6	Trichloroethene	**0.96**	2.3	0.31	**0.18**	0.43	0.058	**J**
123-91-1	1,4-Dioxane	<0.27	2.3	0.27	<0.076	0.65	0.076	
80-62-6	Methyl Methacrylate	<0.82	4.8	0.82	<0.20	1.2	0.20	
142-82-5	n-Heptane	**0.76**	2.3	0.37	**0.19**	0.57	0.090	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.36	2.2	0.36	<0.079	0.50	0.079	
108-10-1	4-Methyl-2-pentanone	**0.81**	2.3	0.32	**0.20**	0.56	0.077	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.48	2.3	0.48	<0.10	0.51	0.10	
79-00-5	1,1,2-Trichloroethane	<0.23	2.3	0.23	<0.043	0.43	0.043	
108-88-3	Toluene	**2.0**	2.3	0.28	**0.54**	0.62	0.075	**J**
591-78-6	2-Hexanone	<0.29	2.3	0.29	<0.070	0.57	0.070	
124-48-1	Dibromochloromethane	<0.30	2.3	0.30	<0.036	0.27	0.036	
106-93-4	1,2-Dibromoethane	<0.27	2.3	0.27	<0.035	0.30	0.035	
123-86-4	n-Butyl Acetate	**0.79**	2.4	0.32	**0.17**	0.50	0.066	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG74** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P2003323-008

Test Code: EPA TO-15 Date Collected: 6/10/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/15/20
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS01023

Initial Pressure (psig): -2.65 Final Pressure (psig): 6.18

Canister Dilution Factor: 1.73

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**0.78**	2.3	0.52	**0.17**	0.50	0.11	**J**
127-18-4	Tetrachloroethene	**90**	2.2	0.30	**13**	0.33	0.044	
108-90-7	Chlorobenzene	<0.31	2.3	0.31	<0.067	0.51	0.067	
100-41-4	Ethylbenzene	**0.89**	2.3	0.32	**0.21**	0.54	0.075	**J**
179601-23-1	m,p-Xylenes	**2.9**	4.8	0.61	**0.68**	1.1	0.14	**J**
75-25-2	Bromoform	<0.48	2.3	0.48	<0.046	0.23	0.046	
100-42-5	Styrene	**1.5**	2.3	0.37	**0.36**	0.54	0.087	**J**
95-47-6	o-Xylene	**0.90**	2.3	0.33	**0.21**	0.54	0.077	**J**
111-84-2	n-Nonane	**0.45**	2.3	0.38	**0.086**	0.45	0.073	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.32	2.3	0.32	<0.047	0.34	0.047	
98-82-8	Cumene	<0.33	2.3	0.33	<0.068	0.48	0.068	
80-56-8	alpha-Pinene	<0.35	2.3	0.35	<0.064	0.42	0.064	
103-65-1	n-Propylbenzene	<0.33	2.3	0.33	<0.068	0.48	0.068	
622-96-8	4-Ethyltoluene	**0.58**	2.3	0.37	**0.12**	0.48	0.075	**J**
108-67-8	1,3,5-Trimethylbenzene	<0.33	2.3	0.33	<0.068	0.47	0.068	
95-63-6	1,2,4-Trimethylbenzene	**1.8**	2.3	0.32	**0.37**	0.48	0.065	**J**
100-44-7	Benzyl Chloride	<0.52	4.8	0.52	<0.10	0.92	0.10	
541-73-1	1,3-Dichlorobenzene	<0.35	2.3	0.35	<0.058	0.39	0.058	
106-46-7	1,4-Dichlorobenzene	<0.35	2.3	0.35	<0.059	0.39	0.059	
95-50-1	1,2-Dichlorobenzene	<0.34	2.3	0.34	<0.057	0.39	0.057	
5989-27-5	d-Limonene	**2.9**	2.3	0.48	**0.52**	0.42	0.085	
96-12-8	1,2-Dibromo-3-chloropropane	<0.43	2.3	0.43	<0.045	0.24	0.045	
120-82-1	1,2,4-Trichlorobenzene	<0.56	2.3	0.56	<0.076	0.31	0.076	
91-20-3	Naphthalene	<0.56	2.2	0.56	<0.11	0.43	0.11	
87-68-3	Hexachlorobutadiene	<0.48	2.3	0.48	<0.045	0.21	0.045	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P200625-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 6/25/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.13	0.53	0.13	<0.076	0.31	0.076	
75-71-8	Dichlorodifluoromethane (CFC 12)	<0.087	0.53	0.087	<0.018	0.11	0.018	
74-87-3	Chloromethane	<0.086	0.53	0.086	<0.042	0.26	0.042	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.084	0.53	0.084	<0.012	0.076	0.012	
75-01-4	Vinyl Chloride	<0.057	0.54	0.057	<0.022	0.21	0.022	
106-99-0	1,3-Butadiene	<0.088	0.53	0.088	<0.040	0.24	0.040	
74-83-9	Bromomethane	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-00-3	Chloroethane	<0.066	0.54	0.066	<0.025	0.20	0.025	
64-17-5	Ethanol	**0.38**	5.2	0.37	**0.20**	2.8	0.20	**J**
75-05-8	Acetonitrile	<0.13	0.53	0.13	<0.077	0.32	0.077	
107-02-8	Acrolein	<0.15	1.0	0.15	<0.065	0.44	0.065	
67-64-1	Acetone	<1.2	5.3	1.2	<0.51	2.2	0.51	
75-69-4	Trichlorofluoromethane (CFC 11)	<0.081	0.53	0.081	<0.014	0.094	0.014	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.22	2.1	0.22	<0.090	0.85	0.090	
107-13-1	Acrylonitrile	<0.11	0.53	0.11	<0.051	0.24	0.051	
75-35-4	1,1-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-09-2	Methylene Chloride	<0.15	0.53	0.15	<0.043	0.15	0.043	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.072	0.54	0.072	<0.023	0.17	0.023	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.076	0.54	0.076	<0.0099	0.070	0.0099	
75-15-0	Carbon Disulfide	**0.27**	1.1	0.16	**0.087**	0.35	0.051	**J**
156-60-5	trans-1,2-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-34-3	1,1-Dichloroethane	<0.078	0.55	0.078	<0.019	0.14	0.019	
1634-04-4	Methyl tert-Butyl Ether	<0.063	0.54	0.063	<0.017	0.15	0.017	
108-05-4	Vinyl Acetate	<1.2	5.4	1.2	<0.34	1.5	0.34	
78-93-3	2-Butanone (MEK)	<0.11	1.1	0.11	<0.037	0.37	0.037	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003323

Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P200625-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA

Analyst: Lusine Hakobyan Date Analyzed: 6/25/20

Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.075	0.53	0.075	<0.019	0.13	0.019	
141-78-6	Ethyl Acetate	<0.28	1.1	0.28	<0.078	0.31	0.078	
110-54-3	n-Hexane	<0.11	0.54	0.11	<0.031	0.15	0.031	
67-66-3	Chloroform	<0.071	0.54	0.071	<0.015	0.11	0.015	
109-99-9	Tetrahydrofuran (THF)	<0.067	0.55	0.067	<0.023	0.19	0.023	
107-06-2	1,2-Dichloroethane	<0.059	0.54	0.059	<0.015	0.13	0.015	
71-55-6	1,1,1-Trichloroethane	<0.066	0.54	0.066	<0.012	0.099	0.012	
71-43-2	Benzene	<0.077	0.53	0.077	<0.024	0.17	0.024	
56-23-5	Carbon Tetrachloride	<0.074	0.53	0.074	<0.012	0.084	0.012	
110-82-7	Cyclohexane	<0.15	1.1	0.15	<0.044	0.32	0.044	
78-87-5	1,2-Dichloropropane	<0.066	0.54	0.066	<0.014	0.12	0.014	
75-27-4	Bromodichloromethane	<0.077	0.54	0.077	<0.011	0.081	0.011	
79-01-6	Trichloroethene	<0.072	0.54	0.072	<0.013	0.10	0.013	
123-91-1	1,4-Dioxane	<0.063	0.54	0.063	<0.017	0.15	0.017	
80-62-6	Methyl Methacrylate	<0.19	1.1	0.19	<0.046	0.27	0.046	
142-82-5	n-Heptane	<0.085	0.54	0.085	<0.021	0.13	0.021	
10061-01-5	cis-1,3-Dichloropropene	<0.083	0.52	0.083	<0.018	0.11	0.018	
108-10-1	4-Methyl-2-pentanone	<0.073	0.53	0.073	<0.018	0.13	0.018	
10061-02-6	trans-1,3-Dichloropropene	<0.11	0.53	0.11	<0.024	0.12	0.024	
79-00-5	1,1,2-Trichloroethane	<0.054	0.54	0.054	<0.0099	0.099	0.0099	
108-88-3	Toluene	<0.065	0.54	0.065	<0.017	0.14	0.017	
591-78-6	2-Hexanone	<0.066	0.54	0.066	<0.016	0.13	0.016	
124-48-1	Dibromochloromethane	<0.070	0.54	0.070	<0.0082	0.063	0.0082	
106-93-4	1,2-Dibromoethane	<0.062	0.54	0.062	<0.0081	0.070	0.0081	
123-86-4	n-Butyl Acetate	<0.073	0.55	0.073	<0.015	0.12	0.015	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003323

Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P200625-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA

Analyst: Lusine Hakobyan Date Analyzed: 6/25/20

Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.12	0.54	0.12	<0.026	0.12	0.026	
127-18-4	Tetrachloroethene	<0.069	0.52	0.069	<0.010	0.077	0.010	
108-90-7	Chlorobenzene	<0.071	0.54	0.071	<0.015	0.12	0.015	
100-41-4	Ethylbenzene	<0.075	0.54	0.075	<0.017	0.12	0.017	
179601-23-1	m,p-Xylenes	<0.14	1.1	0.14	<0.032	0.25	0.032	
75-25-2	Bromoform	<0.11	0.54	0.11	<0.011	0.052	0.011	
100-42-5	Styrene	<0.086	0.53	0.086	<0.020	0.12	0.020	
95-47-6	o-Xylene	<0.077	0.54	0.077	<0.018	0.12	0.018	
111-84-2	n-Nonane	<0.089	0.54	0.089	<0.017	0.10	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	<0.074	0.54	0.074	<0.011	0.079	0.011	
98-82-8	Cumene	<0.077	0.54	0.077	<0.016	0.11	0.016	
80-56-8	alpha-Pinene	<0.082	0.54	0.082	<0.015	0.097	0.015	
103-65-1	n-Propylbenzene	<0.077	0.54	0.077	<0.016	0.11	0.016	
622-96-8	4-Ethyltoluene	<0.085	0.54	0.085	<0.017	0.11	0.017	
108-67-8	1,3,5-Trimethylbenzene	<0.077	0.53	0.077	<0.016	0.11	0.016	
95-63-6	1,2,4-Trimethylbenzene	<0.074	0.54	0.074	<0.015	0.11	0.015	
100-44-7	Benzyl Chloride	<0.12	1.1	0.12	<0.023	0.21	0.023	
541-73-1	1,3-Dichlorobenzene	<0.080	0.54	0.080	<0.013	0.090	0.013	
106-46-7	1,4-Dichlorobenzene	<0.082	0.54	0.082	<0.014	0.090	0.014	
95-50-1	1,2-Dichlorobenzene	<0.079	0.54	0.079	<0.013	0.090	0.013	
5989-27-5	d-Limonene	<0.11	0.54	0.11	<0.020	0.097	0.020	
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.53	0.10	<0.010	0.055	0.010	
120-82-1	1,2,4-Trichlorobenzene	<0.13	0.54	0.13	<0.018	0.073	0.018	
91-20-3	Naphthalene	<0.13	0.52	0.13	<0.025	0.099	0.025	
87-68-3	Hexachlorobutadiene	<0.11	0.53	0.11	<0.010	0.050	0.010	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Project ID: P2003323

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date(s) Collected: 6/10/20
Analyst: Lusine Hakobyan Date(s) Received: 6/15/20
Sample Type: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 6/25 - 6/26/20
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P200625-MB	**98**	**102**	**98**	70-130	
Lab Control Sample	P200625-LCS	**96**	**103**	**101**	70-130	
SG-111	P2003323-001	**96**	**102**	**102**	70-130	
SG-111	P2003323-001DUP	**95**	**103**	**104**	70-130	
SG-116	P2003323-002	**94**	**105**	**103**	70-130	
SG-136	P2003323-003	**93**	**104**	**103**	70-130	
SG-115	P2003323-004	**92**	**104**	**103**	70-130	
SG-19	P2003323-005	**92**	**104**	**102**	70-130	
SG-17	P2003323-006	**91**	**104**	**104**	70-130	
SG-96	P2003323-007	**94**	**106**	**102**	70-130	
SG74	P2003323-008	**92**	**105**	**99**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P200625-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
115-07-1	Propene	210	**217**	**103**	51-133	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**195**	**93**	64-115	
74-87-3	Chloromethane	212	**196**	**92**	49-127	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	206	**170**	**83**	65-114	
75-01-4	Vinyl Chloride	212	**189**	**89**	61-129	
106-99-0	1,3-Butadiene	212	**191**	**90**	54-140	
74-83-9	Bromomethane	212	**199**	**94**	68-120	
75-00-3	Chloroethane	214	**212**	**99**	63-123	
64-17-5	Ethanol	1,060	**1070**	**101**	49-134	
75-05-8	Acetonitrile	214	**226**	**106**	50-137	
107-02-8	Acrolein	206	**212**	**103**	62-128	
67-64-1	Acetone	1,070	**1050**	**98**	56-125	
75-69-4	Trichlorofluoromethane (CFC 11)	212	**199**	**94**	64-115	
67-63-0	2-Propanol (Isopropyl Alcohol)	422	**434**	**103**	57-133	
107-13-1	Acrylonitrile	212	**220**	**104**	64-136	
75-35-4	1,1-Dichloroethene	214	**210**	**98**	67-115	
75-09-2	Methylene Chloride	210	**200**	**95**	68-114	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	214	**220**	**103**	55-139	
76-13-1	Trichlorotrifluoroethane (CFC 113)	216	**207**	**96**	65-115	
75-15-0	Carbon Disulfide	212	**208**	**98**	68-113	
156-60-5	trans-1,2-Dichloroethene	214	**212**	**99**	65-122	
75-34-3	1,1-Dichloroethane	212	**210**	**99**	63-118	
1634-04-4	Methyl tert-Butyl Ether	214	**205**	**96**	57-131	
108-05-4	Vinyl Acetate	1,070	**1060**	**99**	71-128	
78-93-3	2-Butanone (MEK)	212	**209**	**99**	67-123	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P200625-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	212	**208**	**98**	64-120	
141-78-6	Ethyl Acetate	432	**452**	**105**	64-131	
110-54-3	n-Hexane	216	**218**	**101**	58-125	
67-66-3	Chloroform	214	**204**	**95**	65-114	
109-99-9	Tetrahydrofuran (THF)	220	**211**	**96**	65-115	
107-06-2	1,2-Dichloroethane	214	**197**	**92**	59-119	
71-55-6	1,1,1-Trichloroethane	214	**210**	**98**	66-115	
71-43-2	Benzene	210	**200**	**95**	66-109	
56-23-5	Carbon Tetrachloride	208	**202**	**97**	66-119	
110-82-7	Cyclohexane	422	**415**	**98**	67-117	
78-87-5	1,2-Dichloropropane	214	**224**	**105**	66-119	
75-27-4	Bromodichloromethane	218	**215**	**99**	71-119	
79-01-6	Trichloroethene	216	**204**	**94**	70-114	
123-91-1	1,4-Dioxane	216	**217**	**100**	71-117	
80-62-6	Methyl Methacrylate	430	**421**	**98**	76-121	
142-82-5	n-Heptane	214	**210**	**98**	66-119	
10061-01-5	cis-1,3-Dichloropropene	214	**227**	**106**	72-125	
108-10-1	4-Methyl-2-pentanone	212	**226**	**107**	68-130	
10061-02-6	trans-1,3-Dichloropropene	212	**230**	**108**	71-132	
79-00-5	1,1,2-Trichloroethane	214	**214**	**100**	70-117	
108-88-3	Toluene	212	**199**	**94**	67-113	
591-78-6	2-Hexanone	216	**228**	**106**	62-135	
124-48-1	Dibromochloromethane	214	**213**	**100**	73-126	
106-93-4	1,2-Dibromoethane	214	**213**	**100**	71-122	
123-86-4	n-Butyl Acetate	218	**239**	**110**	65-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P200625-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
111-65-9	n-Octane	216	**218**	**101**	63-120	
127-18-4	Tetrachloroethene	208	**196**	**94**	64-120	
108-90-7	Chlorobenzene	214	**192**	**90**	65-116	
100-41-4	Ethylbenzene	212	**209**	**99**	65-117	
179601-23-1	m,p-Xylenes	426	**411**	**96**	64-121	
75-25-2	Bromoform	214	**201**	**94**	72-130	
100-42-5	Styrene	212	**211**	**100**	72-126	
95-47-6	o-Xylene	214	**201**	**94**	64-120	
111-84-2	n-Nonane	214	**224**	**105**	56-132	
79-34-5	1,1,2,2-Tetrachloroethane	214	**212**	**99**	66-122	
98-82-8	Cumene	214	**208**	**97**	64-121	
80-56-8	alpha-Pinene	212	**195**	**92**	62-136	
103-65-1	n-Propylbenzene	214	**211**	**99**	65-123	
622-96-8	4-Ethyltoluene	210	**206**	**98**	71-126	
108-67-8	1,3,5-Trimethylbenzene	212	**204**	**96**	65-120	
95-63-6	1,2,4-Trimethylbenzene	212	**222**	**105**	63-129	
100-44-7	Benzyl Chloride	214	**205**	**96**	66-138	
541-73-1	1,3-Dichlorobenzene	214	**214**	**100**	65-127	
106-46-7	1,4-Dichlorobenzene	214	**221**	**103**	65-125	
95-50-1	1,2-Dichlorobenzene	214	**216**	**101**	67-128	
5989-27-5	d-Limonene	212	**206**	**97**	65-136	
96-12-8	1,2-Dibromo-3-chloropropane	214	**221**	**103**	73-133	
120-82-1	1,2,4-Trichlorobenzene	216	**247**	**114**	62-140	
91-20-3	Naphthalene	212	**259**	**122**	57-149	
87-68-3	Hexachlorobutadiene	214	**216**	**101**	57-129	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-111** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P2003323-001DUP

Test Code: EPA TO-15 Date Collected: 6/10/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/15/20
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.10 Liter(s)
Test Notes:
Container ID: 1SS00974

Initial Pressure (psig): -2.54 Final Pressure (psig): 6.27

Canister Dilution Factor: 1.72

Compound	Sample Result µg/m³	Sample Result ppbV	Duplicate Sample Result µg/m³	Duplicate Sample Result ppbV	Average µg/m³	% RPD	RPD Limit	Data Qualifier
Propene	8.69	5.05	9.29	5.40	8.99	**7**	25	
Dichlorodifluoromethane (CFC 12)	2.48	0.501	2.39	0.484	2.435	**4**	25	**J**
Chloromethane	1.65	0.800	1.62	0.783	1.635	**2**	25	**J**
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<1.4	<0.21	<1.4	<0.21	-	-	25	
Vinyl Chloride	<0.98	<0.38	<0.98	<0.38	-	-	25	
1,3-Butadiene	<1.5	<0.68	<1.5	<0.68	-	-	25	
Bromomethane	<1.3	<0.33	<1.3	<0.33	-	-	25	
Chloroethane	<1.1	<0.43	<1.1	<0.43	-	-	25	
Ethanol	4,390	2,330	4,340	2,310	4365	**1**	25	**B**
Acetonitrile	3.04	1.81	<2.2	<1.3	-	-	25	**J**
Acrolein	7.91	3.45	8.10	3.53	8.005	**2**	25	**J**
Acetone	295	124	288	121	291.5	**2**	25	
Trichlorofluoromethane	11.0	1.97	10.7	1.91	10.85	**3**	25	
2-Propanol (Isopropyl Alcohol)	80.4	32.7	77.6	31.6	79	**4**	25	
Acrylonitrile	<1.9	<0.87	<1.9	<0.87	-	-	25	
1,1-Dichloroethene	<1.3	<0.32	<1.3	<0.32	-	-	25	
Methylene Chloride	4.13	1.19	3.94	1.13	4.035	**5**	25	**J**
3-Chloro-1-propene (Allyl Chloride)	<1.2	<0.40	<1.2	<0.40	-	-	25	
Trichlorotrifluoroethane	<1.3	<0.17	<1.3	<0.17	-	-	25	
Carbon Disulfide	6.33	2.03	5.87	1.88	6.1	**8**	25	**J, B**
trans-1,2-Dichloroethene	1.51	0.382	1.44	0.365	1.475	**5**	25	**J**
1,1-Dichloroethane	<1.3	<0.33	<1.3	<0.33	-	-	25	
Methyl tert-Butyl Ether	<1.1	<0.30	<1.1	<0.30	-	-	25	
Vinyl Acetate	30.5	8.66	30.2	8.57	30.35	**1**	25	**J**
2-Butanone (MEK)	54.4	18.4	53.7	18.2	54.05	**1**	25	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-111** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P2003323-001DUP

Test Code: EPA TO-15 Date Collected: 6/10/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/15/20
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.10 Liter(s)
Test Notes:
Container ID: 1SS00974

Initial Pressure (psig): -2.54 Final Pressure (psig): 6.27

Canister Dilution Factor: 1.72

Compound	Sample Result µg/m³	Sample Result ppbV	Duplicate Sample Result µg/m³	Duplicate Sample Result ppbV	Average µg/m³	% RPD	RPD Limit	Data Qualifier
cis-1,2-Dichloroethene	<1.3	<0.33	<1.3	<0.33	-	-	25	
Ethyl Acetate	1,780	493	1,730	479	1755	**3**	25	
n-Hexane	7.09	2.01	7.28	2.06	7.185	**3**	25	**J**
Chloroform	1.86	0.381	1.75	0.359	1.805	**6**	25	**J**
Tetrahydrofuran (THF)	4.35	1.48	4.06	1.38	4.205	**7**	25	**J**
1,2-Dichloroethane	<1.0	<0.25	<1.0	<0.25	-	-	25	
1,1,1-Trichloroethane	<1.1	<0.21	<1.1	<0.21	-	-	25	
Benzene	8.79	2.75	8.32	2.61	8.555	**5**	25	**J**
Carbon Tetrachloride	2.75	0.438	2.65	0.421	2.7	**4**	25	**J**
Cyclohexane	<2.6	<0.75	<2.6	<0.75	-	-	25	
1,2-Dichloropropane	<1.1	<0.25	<1.1	<0.25	-	-	25	
Bromodichloromethane	<1.3	<0.20	<1.3	<0.20	-	-	25	
Trichloroethene	5.83	1.09	5.76	1.07	5.795	**1**	25	**J**
1,4-Dioxane	1.12	0.310	1.10	0.306	1.11	**2**	25	**J**
Methyl Methacrylate	<3.3	<0.80	<3.3	<0.80	-	-	25	
n-Heptane	1.87	0.458	2.20	0.537	2.035	**16**	25	**J**
cis-1,3-Dichloropropene	<1.4	<0.31	<1.4	<0.31	-	-	25	
4-Methyl-2-pentanone	2.41	0.588	2.44	0.596	2.425	**1**	25	**J**
trans-1,3-Dichloropropene	<1.9	<0.42	<1.9	<0.42	-	-	25	
1,1,2-Trichloroethane	<0.93	<0.17	<0.93	<0.17	-	-	25	
Toluene	42.0	11.1	41.5	11.0	41.75	**1**	25	
2-Hexanone	4.27	1.04	4.23	1.03	4.25	**0.9**	25	**J**
Dibromochloromethane	<1.2	<0.14	<1.2	<0.14	-	-	25	
1,2-Dibromoethane	<1.1	<0.14	<1.1	<0.14	-	-	25	
n-Butyl Acetate	30.0	6.31	29.6	6.23	29.8	**1**	25	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-111** ALS Project ID: P2003323
Client Project ID: **Tel Hashomer / KTE-55-20-Simi** ALS Sample ID: P2003323-001DUP

Test Code: EPA TO-15 Date Collected: 6/10/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 6/15/20
Analyst: Lusine Hakobyan Date Analyzed: 6/26/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.10 Liter(s)
Test Notes:
Container ID: 1SS00974

Initial Pressure (psig): -2.54 Final Pressure (psig): 6.27

Canister Dilution Factor: 1.72

Compound	Sample Result µg/m³	Sample Result ppbV	Duplicate Sample Result µg/m³	Duplicate Sample Result ppbV	Average µg/m³	% RPD	RPD Limit	Data Qualifier
n-Octane	3.53	0.755	3.35	0.718	3.44	**5**	25	**J**
Tetrachloroethene	119	17.6	119	17.6	119	**0**	25	
Chlorobenzene	<1.2	<0.27	<1.2	<0.27	-	-	25	
Ethylbenzene	2.48	0.570	2.36	0.543	2.42	**5**	25	**J**
m,p-Xylenes	7.00	1.61	6.93	1.60	6.965	**1**	25	**J**
Bromoform	<1.9	<0.18	<1.9	<0.18	-	-	25	
Styrene	3.87	0.909	4.18	0.982	4.025	**8**	25	**J**
o-Xylene	2.67	0.614	2.82	0.650	2.745	**5**	25	**J**
n-Nonane	10.1	1.93	9.77	1.86	9.935	**3**	25	
1,1,2,2-Tetrachloroethane	<1.3	<0.19	<1.3	<0.19	-	-	25	
Cumene	10.9	2.21	10.9	2.22	10.9	**0**	25	
alpha-Pinene	<1.4	<0.25	<1.4	<0.25	-	-	25	**J**
n-Propylbenzene	<1.3	<0.27	<1.3	<0.27	-	-	25	
4-Ethyltoluene	<1.5	<0.30	<1.5	<0.30	-	-	25	**J**
1,3,5-Trimethylbenzene	<1.3	<0.27	<1.3	<0.27	-	-	25	
1,2,4-Trimethylbenzene	3.59	0.732	3.63	0.739	3.61	**1**	25	**J**
Benzyl Chloride	<2.1	<0.40	<2.1	<0.40	-	-	25	**J**
1,3-Dichlorobenzene	<1.4	<0.23	<1.4	<0.23	-	-	25	
1,4-Dichlorobenzene	<1.4	<0.23	<1.4	<0.23	-	-	25	
1,2-Dichlorobenzene	<1.4	<0.23	<1.4	<0.23	-	-	25	
d-Limonene	10.6	1.91	11.0	1.97	10.8	**4**	25	
1,2-Dibromo-3-chloropropane	<1.7	<0.18	<1.7	<0.18	-	-	25	
1,2,4-Trichlorobenzene	<2.2	<0.30	<2.2	<0.30	-	-	25	
Naphthalene	<2.2	<0.43	<2.2	<0.43	-	-	25	**J**
Hexachlorobutadiene	<1.9	<0.18	<1.9	<0.18	-	-	25	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Response Factor Report GCMS-16

Method Path : I:\MS16\METHODS\
Method File : R16050120.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
Last Update : Fri May 01 18:22:00 2020
Response Via : Initial Calibration

LH 5/1/20

Calibration Files
0.1 =05012018.D 0.2 =05012019.D 0.5 =05012020.D 1.0 =05012021.D 5.0 =05012022.D 25 =05012
100 =03112009.D

		Compound	0.1	0.2	0.5	1.0	5.0	25	50	100	Avg	%RSD
1)	IR	Bromochloromethane...	----------ISTD----------									
2)	T	Propene	1.611	1.539	1.503	1.380	1.499	1.474	1.430	1.147	1.448	9.66
3)	T	Dichlorodifluo...	3.202	3.003	3.068	2.842	3.010	2.737	2.537	2.254	2.832	11.03
4)	T	Chloromethane	2.604	2.435	2.388	2.238	2.356	2.193	2.172	1.361	2.218	16.88
5)	T	1,2-Dichloro-1...	1.897	1.683	1.822	1.625	1.745	1.600	1.555	1.607	1.692	7.08
6)	T	Vinyl Chloride	2.717	2.540	2.556	2.389	2.585	2.348	2.256	2.069	2.433	8.56
7)	T	1,3-Butadiene	2.247	2.061	2.143	1.977	2.145	1.964	1.905	1.660	2.013	9.02
8)	T	Bromomethane	1.419	1.343	1.315	1.211	1.293	1.245	1.264	1.190	1.285	5.79
9)	T	Chloroethane	1.050	0.952	0.985	0.919	0.990	0.943	0.960	0.887	0.961	5.13
10)	T	Ethanol	1.410	1.184	1.009	0.940	1.092	1.112	1.151	1.046	1.118	12.66
11)	T	Acetonitrile	3.482	2.840	2.383	2.251	2.529	2.471	2.438	2.042	2.555	17.16
12)	T	Acrolein	1.059	0.868	0.880	0.829	0.918	0.879	0.863	0.770	0.883	9.44
13)	T	Acetone	1.252	1.110	1.062	0.988	1.109	1.131	1.179	1.113	1.118	6.92
14)	T	Trichlorofluor...	2.713	2.523	2.575	2.359	2.565	2.454	2.411	2.421	2.503	4.58
15)	T	2-Propanol (Is...	3.870	3.534	3.450	3.257	3.738	3.508	3.156	2.557	3.384	12.00
16)	T	Acrylonitrile	2.202	1.897	1.701	1.617	1.893	1.829	1.828	1.654	1.828	10.12
17)	T	1,1-Dichloroet...	1.408	1.288	1.314	1.236	1.342	1.312	1.299	1.297	1.312	3.73
18)	T	2-Methyl-2-Pro...	3.534	3.198	3.325	3.089	3.578	3.200	2.158		3.155	15.06
19)	T	Methylene Chlo...	1.693	1.502	1.403	1.354	1.469	1.431	1.419	1.356	1.453	7.53
20)	T	3-Chloro-1-pro...	2.223	1.929	1.964	1.905	2.142	2.028	2.036	1.746	1.997	7.37
21)	T	Trichlorotrifl...	1.264	1.065	1.154	1.097	1.218	1.201	1.208	1.246	1.182	5.97
22)	T	Carbon Disulfide	6.112	5.388	5.148	4.831	5.368	5.134	5.024	4.656	5.208	8.48
23)	T	trans-1,2-Dich...	2.284	2.004	1.981	1.860	2.050	1.980	1.964	1.858	1.998	6.70
24)	T	1,1-Dichloroet...	2.569	2.334	2.469	2.238	2.450	2.380	2.330	2.202	2.371	5.15
25)	T	Methyl tert-Bu...	4.195	3.994	4.129	3.762	3.968	3.534	3.241	3.018	3.730	11.49
26)	T	Vinyl Acetate			0.280	0.275	0.355	0.375	0.393	0.412	0.348	16.73
27)	T	2-Butanone (MEK)	1.010	0.938	0.937	0.883	1.007	0.953	0.956	0.944	0.953	4.27
28)	T	cis-1,2-Dichlo...	2.186	1.950	1.950	1.831	2.014	1.928	1.927	1.846	1.954	5.66
29)	T	Diisopropyl Ether	1.400	1.264	1.362	1.283	1.461	1.320	1.346	1.353	1.349	4.68
30)	T	Ethyl Acetate	0.528	0.515	0.507	0.480	0.567	0.596	0.638	0.567	0.550	9.48
31)	T	n-Hexane	2.506	2.242	2.328	2.176	2.400	2.485	2.588	2.351	2.385	5.82
32)	T	Chloroform	2.635	2.393	2.541	2.359	2.618	2.470	2.464	2.425	2.488	4.07
33)	S	1,2-Dichloroet...	1.759	1.788	1.757	1.756	1.704	1.635	1.616	1.538	1.694	5.22
34)	T	Tetrahydrofura...	1.068	0.962	0.909	0.857	0.954	0.901	0.903	0.885	0.930	7.02
35)	T	Ethyl tert-But...	1.603	1.564	1.583	1.487	1.688	1.661	1.680	1.772	1.630	5.43
36)	T	1,2-Dichloroet...	2.204	2.065	2.007	1.843	2.020	1.911	1.892	1.830	1.971	6.45
37)	IR	1,4-Difluorobenzen...	----------ISTD----------									
38)	T	1,1,1-Trichlor...	0.520	0.477	0.504	0.469	0.521	0.513	0.513	0.511	0.503	3.91
39)	T	Isopropyl Acetate	0.217	0.187	0.204	0.189	0.226	0.238	0.254	0.247	0.220	11.50
40)	T	1-Butanol	0.335	0.286	0.247	0.231	0.307	0.333	0.362	0.405	0.313	18.51
41)	T	Benzene	1.454	1.263	1.288	1.194	1.366	1.343	1.417	1.400	1.340	6.50
42)	T	Carbon Tetrach...	0.446	0.414	0.449	0.410	0.482	0.473	0.477	0.496	0.456	6.99
43)	T	Cyclohexane	0.491	0.450	0.481	0.443	0.512	0.523	0.544	0.553	0.500	8.14
44)	T	tert-Amyl Meth...	0.895	0.829	0.881	0.824	0.950	0.934	0.955	0.923	0.899	5.70
45)	T	1,2-Dichloropr...	0.322	0.296	0.311	0.288	0.327	0.317	0.320	0.303	0.310	4.42
46)	T	Bromodichlorom...	0.443	0.421	0.437	0.406	0.477	0.479	0.482	0.480	0.453	6.69
47)	T	Trichloroethene	0.348	0.318	0.331	0.303	0.355	0.355	0.366	0.396	0.346	8.37
48)	T	1,4-Dioxane	0.278	0.250	0.253	0.238	0.274	0.278	0.286	0.303	0.270	7.97
49)	T	2,2,4-Trimethy...	1.365	1.266	1.317	1.213	1.370	1.328	1.346	1.231	1.304	4.63
50)	T	Methyl Methacr...	0.126	0.113	0.118	0.116	0.138	0.143	0.149	0.161	0.133	13.21
51)	T	n-Heptane	0.325	0.297	0.306	0.286	0.318	0.310	0.324	0.342	0.313	5.60
52)	T	cis-1,3-Dichlo...	0.535	0.486	0.494	0.468	0.562	0.566	0.581	0.572	0.533	8.30
53)	T	4-Methyl-2-pen...	0.303	0.265	0.287	0.272	0.314	0.311	0.319	0.318	0.299	7.10
54)	T	trans-1,3-Dich...	0.418	0.389	0.410	0.399	0.496	0.508	0.521	0.506	0.456	12.35

55)	T	1,1,2-Trichlor...	0.300	0.292	0.301	0.279	0.324	0.321	0.324	0.323	0.308	5.60
56)	IR	Chlorobenzene-d5 (...	----------ISTD----------									
57)	S	Toluene-d8 (SS2)	2.112	2.125	2.110	2.107	2.097	2.123	2.090	2.186	2.119	1.40
58)	T	Toluene	3.003	2.567	2.666	2.473	2.815	2.802	2.780	2.744	2.731	5.97
59)	T	2-Hexanone	1.547	1.361	1.410	1.339	1.614	1.583	1.602	1.515	1.497	7.42
60)	T	Dibromochlorom...	0.735	0.677	0.704	0.667	0.834	0.868	0.864	0.909	0.782	12.37
61)	T	1,2-Dibromoethane	0.757	0.686	0.705	0.663	0.792	0.804	0.797	0.809	0.752	7.82
62)	T	n-Butyl Acetate	1.611	1.401	1.545	1.456	1.756	1.742	1.751	1.671	1.616	8.55
63)	T	n-Octane	0.572	0.504	0.542	0.504	0.578	0.591	0.613	0.620	0.565	7.95
64)	T	Tetrachloroethene	0.764	0.679	0.700	0.653	0.778	0.829	0.838	0.931	0.771	12.10
65)	T	Chlorobenzene	1.873	1.701	1.737	1.609	1.870	1.882	2.340	2.020	1.879	12.02
66)	T	Ethylbenzene	3.030	2.763	2.965	2.768	3.264	3.313	3.301	2.958	3.045	7.41
67)	T	m- & p-Xylenes	2.416	2.101	2.285	2.203	2.562	2.656	2.741	2.363	2.416	9.24
68)	T	Bromoform			0.523	0.502	0.708	0.751	0.755	0.828	0.678	19.74
69)	T	Styrene	1.554	1.405	1.689	1.594	2.029	2.068	2.060	2.138	1.817	15.77
70)	T	o-Xylene	2.442	2.173	2.312	2.170	2.597	2.662	2.680	2.586	2.453	8.61
71)	T	n-Nonane	1.287	1.140	1.243	1.181	1.387	1.412	1.455	1.306	1.301	8.60
72)	T	1,1,2,2-Tetrac...	1.206	1.074	1.114	1.057	1.298	1.323	1.337	1.325	1.217	9.86
73)	S	Bromofluoroben...	0.715	0.714	0.725	0.724	0.787	0.802	0.783	0.849	0.762	6.56
74)	T	Cumene	3.035	2.729	2.906	2.711	3.284	3.320	3.265	2.830	3.010	8.41
75)	T	alpha-Pinene	1.511	1.362	1.446	1.393	1.701	1.785	1.795	1.856	1.606	12.43
76)	T	n-Propylbenzene	3.631	3.223	3.513	3.346	3.994	4.033	3.904	2.964	3.576	10.84
77)	T	3-Ethyltoluene	2.929	2.407	2.714	2.579	3.163	3.387	3.232	2.897	2.913	11.58
78)	T	4-Ethyltoluene	2.513	2.455	2.758	2.630	3.275	3.167	3.181	2.637	2.827	11.64
79)	T	1,3,5-Trimethy...	2.364	2.022	2.272	2.212	2.706	2.770	2.730	2.561	2.455	11.29
80)	T	alpha-Methylst...			1.138	1.116	1.443	1.485	1.469	1.649	1.384	15.29
81)	T	2-Ethyltoluene	2.821	2.480	2.756	2.582	3.185	3.223	3.148	2.796	2.874	9.82
82)	T	1,2,4-Trimethy...	2.215	1.944	2.255	2.185	2.813	3.050	2.878	2.397	2.467	16.03
83)	T	n-Decane			1.125	1.102	1.410	1.517	1.611	1.515	1.380	15.65
84)	T	Benzyl Chloride				1.519	2.279	2.600	2.687	2.413	2.300	20.21
85)	T	1,3-Dichlorobe...	1.252	1.034	1.264	1.221	1.626	1.660	1.639	1.766	1.433	18.79
86)	T	1,4-Dichlorobe...	1.206	1.004	1.283	1.196	1.601	1.620	1.581	1.693	1.398	18.29
87)	T	sec-Butylbenzene	3.179	2.829	3.093	2.947	3.632	3.636	3.486	2.818	3.203	10.67
88)	T	4-Isopropyltol...			2.761	2.656	3.414	3.547	3.227	2.590	3.033	13.68
89)	T	1,2,3-Trimethy...			2.234	2.175	2.830	3.061	2.870	2.323	2.582	14.77
90)	T	1,2-Dichlorobe...	1.199	1.054	1.223	1.173	1.569	1.646	1.594	1.513	1.372	16.90
91)	T	d-Limonene	0.811	0.750	0.867	0.867	1.070	1.169	1.205	1.057	0.974	17.65
92)	T	1,2-Dibromo-3-...			0.388	0.391	0.568	0.581	0.581	0.595	0.517	19.22
93)	T	n-Undecane			0.906	0.866	1.357	1.474	1.565	1.496	1.277	24.32
94)	T	1,2,4-Trichlor...			0.655	0.635	1.013	1.144	1.183	1.078	0.951	25.70
95)	T	Naphthalene			2.173	2.044	3.472	3.864	3.717	2.796	3.011	26.24
96)	T	n-Dodecane			0.500	0.482	1.251	1.474	1.554	1.375	1.106	44.05
97)	T	Hexachlorobuta...			0.463	0.446	0.622	0.725	0.766	0.927	0.658	28.24
98)	T	Cyclohexanone	1.048	0.943	0.832	0.804	0.983	0.979	0.980	1.079	0.956	10.00
99)	T	tert-Butylbenzene	2.363	2.071	2.240	2.164	2.722	2.855	2.658	2.351	2.428	11.70
100)	T	n-Butylbenzene	2.187	1.921	2.417	2.334	2.916	2.966	2.883	2.471	2.512	15.09

(#) = Out of Range

R16050120.M Fri May 01 18:44:38 2020

Evaluate Continuing Calibration Report

Data File : I:\MS16\DATA\2020 06\25\06252034.D Vial: 2
Acq On : 25 Jun 2020 22:23 Operator: LH
Sample : CCV2 R16062520 25ng Inst : GCMS-16
Misc : S34-06222001/S34-06012005 (6/30)

Quant Time: Jun 26 06:22:43 2020
Quant Method : I:\MS16\METHODS\R16050120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri May 01 18:22:00 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

LH 6/26/20

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	99	-0.01
2	T	Propene	1.448	1.419	2.0	95	-0.01
3	T	Dichlorodifluoromethane (CF	2.832	2.651	6.4	95	-0.01
4	T	Chloromethane	2.218	2.189	1.3	98	-0.01
5	T	1,2-Dichloro-1,1,2,2-tetraf	1.692	1.449	14.4	89	-0.01
6	T	Vinyl Chloride	2.433	2.221	8.7	93	-0.01
7	T	1,3-Butadiene	2.013	1.771	12.0	89	-0.01
8	T	Bromomethane	1.285	1.285	0.0	102	-0.01
9	T	Chloroethane	0.961	1.007	-4.8	105	-0.01
10	T	Ethanol	1.118	1.182	-5.7	105	-0.03
11	T	Acetonitrile	2.555	2.766	-8.3	110	-0.02
12	T	Acrolein	0.883	0.939	-6.3	105	-0.01
13	T	Acetone	1.118	1.142	-2.1	99	-0.02
14	T	Trichlorofluoromethane	2.503	2.400	4.1	96	-0.01
15	T	2-Propanol (Isopropanol)	3.384	3.674	-8.6	103	-0.03
16	T	Acrylonitrile	1.828	1.971	-7.8	106	-0.01
17	T	1,1-Dichloroethene	1.312	1.296	1.2	97	0.00
18	T	2-Methyl-2-Propanol (tert-B	3.155	2.911	7.7	90	-0.02
19	T	Methylene Chloride	1.453	1.419	2.3	98	-0.01
20	T	3-Chloro-1-propene (Allyl C	1.997	2.171	-8.7	105	-0.01
21	T	Trichlorotrifluoroethane	1.182	1.166	1.4	96	0.00
22	T	Carbon Disulfide	5.208	5.201	0.1	100	0.00
23	T	trans-1,2-Dichloroethene	1.998	1.997	0.1	99	0.00
24	T	1,1-Dichloroethane	2.371	2.421	-2.1	100	0.00
25	T	Methyl tert-Butyl Ether	3.730	3.636	2.5	101	0.00
26	T	Vinyl Acetate	0.348	0.355	-2.0	93	-0.01
27	T	2-Butanone (MEK)	0.953	0.983	-3.1	102	0.00
28	T	cis-1,2-Dichloroethene	1.954	1.956	-0.1	100	0.00
29	T	Diisopropyl Ether	1.349	1.180	12.5	88	0.00
30	T	Ethyl Acetate	0.550	0.584	-6.2	97	0.00
31	T	n-Hexane	2.385	2.436	-2.1	97	0.00
32	T	Chloroform	2.488	2.426	2.5	97	0.00
33	S	1,2-Dichloroethane-d4(SS1)	1.694	1.624	4.1	98	0.00
34	T	Tetrahydrofuran (THF)	0.930	0.914	1.7	100	0.00
35	T	Ethyl tert-Butyl Ether	1.630	1.613	1.0	96	0.00
36	T	1,2-Dichloroethane	1.971	1.818	7.8	94	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	99	0.00
38	T	1,1,1-Trichloroethane	0.503	0.489	2.8	94	0.00
39	T	Isopropyl Acetate	0.220	0.237	-7.7	99	0.00
40	T	1-Butanol	0.313	0.363	-16.0	108	-0.01
41	T	Benzene	1.340	1.312	2.1	97	0.00
42	T	Carbon Tetrachloride	0.456	0.446	2.2	93	0.00
43	T	Cyclohexane	0.500	0.491	1.8	93	0.00
44	T	tert-Amyl Methyl Ether	0.899	0.916	-1.9	97	0.00
45	T	1,2-Dichloropropane	0.310	0.325	-4.8	101	0.00
46	T	Bromodichloromethane	0.453	0.452	0.2	94	0.00
47	T	Trichloroethene	0.346	0.333	3.8	93	0.00
48	T	1,4-Dioxane	0.270	0.270	0.0	96	0.00
49	T	2,2,4-Trimethylpentane (Iso	1.304	1.351	-3.6	101	0.00
50	T	Methyl Methacrylate	0.133	0.132	0.8	91	0.00
51	T	n-Heptane	0.313	0.307	1.9	98	0.00
52	T	cis-1,3-Dichloropropene	0.533	0.555	-4.1	97	0.00
53	T	4-Methyl-2-pentanone	0.299	0.327	-9.4	104	0.00
54	T	trans-1,3-Dichloropropene	0.456	0.498	-9.2	97	0.00
55	T	1,1,2-Trichloroethane	0.308	0.311	-1.0	96	0.00

Evaluate Continuing Calibration Report

Data File : I:\MS16\DATA\2020 06\25\06252034.D Vial: 2
Acq On : 25 Jun 2020 22:23 Operator: LH
Sample : CCV2 R16062520 25ng Inst : GCMS-16
Misc : S34-06222001/S34-06012005 (6/30)

Quant Time: Jun 26 06:22:43 2020
Quant Method : I:\MS16\METHODS\R16050120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Fri May 01 18:22:00 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
56	IR	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	103	0.00
57	S	Toluene-d8 (SS2)	2.119	2.143	-1.1	104	0.00
58	T	Toluene	2.731	2.587	5.3	95	0.00
59	T	2-Hexanone	1.497	1.639	-9.5	107	0.00
60	T	Dibromochloromethane	0.782	0.792	-1.3	94	0.00
61	T	1,2-Dibromoethane	0.752	0.738	1.9	95	0.00
62	T	n-Butyl Acetate	1.616	1.822	-12.7	108	0.00
63	T	n-Octane	0.565	0.574	-1.6	100	0.00
64	T	Tetrachloroethene	0.771	0.730	5.3	91	0.00
65	T	Chlorobenzene	1.879	1.719	8.5	94	0.00
66	T	Ethylbenzene	3.045	3.022	0.8	94	0.00
67	T	m- & p-Xylenes	2.416	2.312	4.3	90	-0.01
68	T	Bromoform	0.678	0.658	2.9	90	0.00
69	T	Styrene	1.817	1.823	-0.3	91	0.00
70	T	o-Xylene	2.453	2.361	3.8	91	0.00
71	T	n-Nonane	1.301	1.388	-6.7	101	0.00
72	T	1,1,2,2-Tetrachloroethane	1.217	1.217	0.0	95	0.00
73	S	Bromofluorobenzene (SS3)	0.762	0.753	1.2	97	0.00
74	T	Cumene	3.010	2.923	2.9	91	0.00
75	T	alpha-Pinene	1.606	1.515	5.7	87	0.00
76	T	n-Propylbenzene	3.576	3.628	-1.5	93	0.00
77	T	3-Ethyltoluene	2.913	2.876	1.3	87	0.00
78	T	4-Ethyltoluene	2.827	2.818	0.3	92	0.00
79	T	1,3,5-Trimethylbenzene	2.455	2.314	5.7	86	0.00
80	T	alpha-Methylstyrene	1.384	1.188	14.2	82	0.00
81	T	2-Ethyltoluene	2.874	2.742	4.6	88	0.00
82	T	1,2,4-Trimethylbenzene	2.467	2.502	-1.4	84	0.00
83	T	n-Decane	1.380	1.391	-0.8	94	0.00
84	T	Benzyl Chloride	2.300	2.091	9.1	83	-0.01
85	T	1,3-Dichlorobenzene	1.433	1.379	3.8	85	0.00
86	T	1,4-Dichlorobenzene	1.398	1.414	-1.1	90	0.00
87	T	sec-Butylbenzene	3.203	3.180	0.7	90	0.00
88	T	4-Isopropyltoluene (p-Cymen	3.033	2.922	3.7	85	0.00
89	T	1,2,3-Trimethylbenzene	2.582	2.523	2.3	85	0.00
90	T	1,2-Dichlorobenzene	1.372	1.368	0.3	86	0.00
91	T	d-Limonene	0.974	0.982	-0.8	86	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.517	0.531	-2.7	94	0.00
93	T	n-Undecane	1.277	1.407	-10.2	98	0.00
94	T	1,2,4-Trichlorobenzene	0.951	1.018	-7.0	92	-0.01
95	T	Naphthalene	3.011	3.235	-7.4	86	-0.01
96	T	n-Dodecane	1.106	1.281	-15.8	89	0.00
97	T	Hexachlorobutadiene	0.658	0.649	1.4	92	0.00
98	T	Cyclohexanone	0.956	1.058	-10.7	111	-0.01
99	T	tert-Butylbenzene	2.428	2.340	3.6	84	0.00
100	T	n-Butylbenzene	2.512	2.677	-6.6	93	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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LABORATORY REPORT

June 30, 2020

Eyal Shvartz
Dr. Katz Technologies & Enterprises (KTE)
HaMeginim Ave. 53
Haifa, ISR-HA 33265

RE: Tel Hashomer / KTE-57-20-Simi

Dear Eyal:

Enclosed are the results of the samples submitted to our laboratory on June 16, 2020. For your reference, these analyses have been assigned our service request number P2003335.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Sue Anderson at 1:04 pm, Jun 30, 2020

Sue Anderson
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request No: P2003335
Project: Tel Hashomer / KTE-57-20-Simi

CASE NARRATIVE

The samples were received intact under chain of custody on June 16, 2020 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.1 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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www.alsglobal.com

ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-007
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request: P2003335

Project ID: Tel Hashomer / KTE-57-20-Simi

Date Received: 6/16/2020

Time Received: 09:30

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	TO-15 - VOC Cans
SG 15	P2003335-003	Air	6/11/2020	10:03	1SC00638	-2.74	6.02	X
SG 94	P2003335-004	Air	6/11/2020	10:55	1SC00848	-2.42	6.74	X
SG 10	P2003335-005	Air	6/11/2020	11:02	1SC00316	-0.81	6.53	X
SG 50	P2003335-006	Air	6/11/2020	11:34	1SC00812	-3.28	6.39	X
SG 100	P2003335-007	Air	6/11/2020	11:56	1SC00736	-2.57	6.30	X
SG 73	P2003335-008	Air	6/11/2020	12:13	1SC01347	-2.20	6.90	X

Air - Chain of Custody Record & Analytical Service Request

Page ___ of ___

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No. P2003335

ALS Contact:

Company Name & Address (Reporting Information): KTE

Project Name: Ecology TSH, Tel Hashome

Project Number: KTE-57-20-Simi

Project Manager:

Phone:

Fax:

P.O. # / Billing Information:

Email Address for Result Reporting:

Sampler (Print & Sign): [signature] Dimitri Seat

Analysis Method

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	TO15		Comments e.g. Actual Preservative or specific instructions
SG 72* ~~SG XXXXXX~~	1	11/6/20	10:28	1SS 00207	040 1088	-30	-5	1L	NOT FOR ANALYSIS		
SG 110	2	11/6/20	10:12	1SS 00932	040 0833	-30	-5	1L	NOT FOR ANALYSIS		
SG 15	3	11/6/20	10:03	1SC 00638	040 0553	-29	-5	1L	✓		
SG 94	4	11/6/20	10:55	1SC 00848	040 1265	-29	-5	1L	✓		
SG 10	6	11/6/20	11:02	1SC 00316	040 2193	-30	-3	1L	✓		
SG 50	6	11/6/20	11:34	1SC 00892	040 0189	-28	-5	1L	✓		
SG 100	7	11/6/20	11:56	1SC 00736	040 2107	-30	-5	1L	✓		
SG 73	8	11/6/20	12:13	1SC 01393	040 1189	-30	-5	1L	✓		

*Per client sample ID change 6/30/20

Report Tier Levels - please select

Tier I - Results (Default if not specified) ___
Tier II (Results + QC Summaries) ___
Tier III (Results + QC & Calibration Summaries) X
Tier IV (Data Validation Package) 10% Surcharge ___

EDD required Yes / No
Type: ___ Units: ___

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	[illegible]				
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
			[signature]	6-16-20	0930

Cooler / Blank Temperature ___ °C

ALS Environmental

Sample Acceptance Check Form

Client: Dr. Katz Technologies & Enterprises (KTE) Work order: P2003335

Project: Tel Hashomer / KTE-57-20-Simi

Sample(s) received on: 6/16/20 Date opened: 6/16/20 by: ADAVID

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2003335-001.01	1.0 L Source Silonite Canister					
P2003335-002.01	1.0 L Source Silonite Canister					
P2003335-003.01	1.0 L Source Can					
P2003335-004.01	1.0 L Source Can					
P2003335-005.01	1.0 L Source Can					
P2003335-006.01	1.0 L Source Can					
P2003335-007.01	1.0 L Source Can					
P2003335-008.01	1.0 L Source Can					

Explain any discrepancies: (include lab sample ID numbers): _____

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 15** ALS Project ID: P2003335
Client Project ID: **Tel Hashomer / KTE-57-20-Simi** ALS Sample ID: P2003335-003

Test Code: EPA TO-15 Date Collected: 6/11/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/16/20
Analyst: Simon Cao Date Analyzed: 6/26/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00638

Initial Pressure (psig): -2.74 Final Pressure (psig): 6.02

Canister Dilution Factor: 1.73

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**7.2**	2.3	0.56	**4.2**	1.3	0.33	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.6**	2.3	0.38	**0.53**	0.46	0.076	
74-87-3	Chloromethane	**0.81**	2.3	0.37	**0.39**	1.1	0.18	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	**0.74**	2.3	0.36	**0.11**	0.33	0.052	**J**
75-01-4	Vinyl Chloride	<0.25	2.3	0.25	<0.096	0.91	0.096	
106-99-0	1,3-Butadiene	<0.38	2.3	0.38	<0.17	1.0	0.17	
74-83-9	Bromomethane	<0.32	2.3	0.32	<0.082	0.60	0.082	
75-00-3	Chloroethane	<0.29	2.3	0.29	<0.11	0.89	0.11	
64-17-5	Ethanol	**6,300**	220	16	**3,400**	120	8.5	**D**
75-05-8	Acetonitrile	<0.56	2.3	0.56	<0.34	1.4	0.34	
107-02-8	Acrolein	**6.3**	4.3	0.65	**2.7**	1.9	0.28	
67-64-1	Acetone	**130**	23	5.2	**56**	9.7	2.2	
75-69-4	Trichlorofluoromethane (CFC 11)	**48**	2.3	0.35	**8.5**	0.41	0.062	
67-63-0	2-Propanol (Isopropyl Alcohol)	**22**	9.1	0.95	**8.8**	3.7	0.39	
107-13-1	Acrylonitrile	<0.48	2.3	0.48	<0.22	1.1	0.22	
75-35-4	1,1-Dichloroethene	<0.32	2.3	0.32	<0.081	0.59	0.081	
75-09-2	Methylene Chloride	**1.7**	2.3	0.65	**0.48**	0.66	0.19	**J**
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.31	2.3	0.31	<0.10	0.75	0.10	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.59**	2.3	0.33	**0.077**	0.30	0.043	**J**
75-15-0	Carbon Disulfide	**11**	4.8	0.69	**3.4**	1.5	0.22	**B**
156-60-5	trans-1,2-Dichloroethene	**0.33**	2.3	0.32	**0.083**	0.59	0.081	**J**
75-34-3	1,1-Dichloroethane	<0.34	2.4	0.34	<0.083	0.59	0.083	
1634-04-4	Methyl tert-Butyl Ether	<0.27	2.3	0.27	<0.076	0.65	0.076	
108-05-4	Vinyl Acetate	**60**	23	5.2	**17**	6.6	1.5	
78-93-3	2-Butanone (MEK)	**30**	4.8	0.48	**10**	1.6	0.16	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 15** ALS Project ID: P2003335
Client Project ID: **Tel Hashomer / KTE-57-20-Simi** ALS Sample ID: P2003335-003

Test Code: EPA TO-15 Date Collected: 6/11/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/16/20
Analyst: Simon Cao Date Analyzed: 6/26/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00638

Initial Pressure (psig): -2.74 Final Pressure (psig): 6.02

Canister Dilution Factor: 1.73

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.32	2.3	0.32	<0.082	0.58	0.082	
141-78-6	Ethyl Acetate	**480**	4.8	1.2	**130**	1.3	0.34	
110-54-3	n-Hexane	**13**	2.3	0.48	**3.6**	0.66	0.14	
67-66-3	Chloroform	**1.7**	2.3	0.31	**0.35**	0.48	0.063	**J**
109-99-9	Tetrahydrofuran (THF)	**14**	2.4	0.29	**4.8**	0.81	0.098	
107-06-2	1,2-Dichloroethane	<0.26	2.3	0.26	<0.063	0.58	0.063	
71-55-6	1,1,1-Trichloroethane	<0.29	2.3	0.29	<0.052	0.43	0.052	
71-43-2	Benzene	**4.2**	2.3	0.33	**1.3**	0.72	0.10	
56-23-5	Carbon Tetrachloride	**0.47**	2.3	0.32	**0.074**	0.36	0.051	**J**
110-82-7	Cyclohexane	**1.3**	4.8	0.65	**0.38**	1.4	0.19	**J**
78-87-5	1,2-Dichloropropane	<0.29	2.3	0.29	<0.062	0.51	0.062	
75-27-4	Bromodichloromethane	**0.55**	2.3	0.33	**0.082**	0.35	0.050	**J**
79-01-6	Trichloroethene	**7.7**	2.3	0.31	**1.4**	0.43	0.058	
123-91-1	1,4-Dioxane	<0.27	2.3	0.27	<0.076	0.65	0.076	
80-62-6	Methyl Methacrylate	<0.82	4.8	0.82	<0.20	1.2	0.20	
142-82-5	n-Heptane	**4.9**	2.3	0.37	**1.2**	0.57	0.090	
10061-01-5	cis-1,3-Dichloropropene	<0.36	2.2	0.36	<0.079	0.50	0.079	
108-10-1	4-Methyl-2-pentanone	**1.2**	2.3	0.32	**0.30**	0.56	0.077	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.48	2.3	0.48	<0.10	0.51	0.10	
79-00-5	1,1,2-Trichloroethane	<0.23	2.3	0.23	<0.043	0.43	0.043	
108-88-3	Toluene	**22**	2.3	0.28	**5.7**	0.62	0.075	
591-78-6	2-Hexanone	**5.7**	2.3	0.29	**1.4**	0.57	0.070	
124-48-1	Dibromochloromethane	<0.30	2.3	0.30	<0.036	0.27	0.036	
106-93-4	1,2-Dibromoethane	<0.27	2.3	0.27	<0.035	0.30	0.035	
123-86-4	n-Butyl Acetate	**52**	2.4	0.32	**11**	0.50	0.066	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 15** ALS Project ID: P2003335
Client Project ID: **Tel Hashomer / KTE-57-20-Simi** ALS Sample ID: P2003335-003

Test Code: EPA TO-15 Date Collected: 6/11/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/16/20
Analyst: Simon Cao Date Analyzed: 6/26/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00638

Initial Pressure (psig): -2.74 Final Pressure (psig): 6.02

Canister Dilution Factor: 1.73

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**3.1**	2.3	0.52	**0.67**	0.50	0.11	
127-18-4	Tetrachloroethene	**8.3**	2.2	0.30	**1.2**	0.33	0.044	
108-90-7	Chlorobenzene	**0.47**	2.3	0.31	**0.10**	0.51	0.067	**J**
100-41-4	Ethylbenzene	**1.1**	2.3	0.32	**0.25**	0.54	0.075	**J**
179601-23-1	m,p-Xylenes	**2.9**	4.8	0.61	**0.67**	1.1	0.14	**J**
75-25-2	Bromoform	<0.48	2.3	0.48	<0.046	0.23	0.046	
100-42-5	Styrene	**1.3**	2.3	0.37	**0.30**	0.54	0.087	**J**
95-47-6	o-Xylene	**1.2**	2.3	0.33	**0.28**	0.54	0.077	**J**
111-84-2	n-Nonane	**7.4**	2.3	0.38	**1.4**	0.45	0.073	
79-34-5	1,1,2,2-Tetrachloroethane	<0.32	2.3	0.32	<0.047	0.34	0.047	
98-82-8	Cumene	**6.8**	2.3	0.33	**1.4**	0.48	0.068	
80-56-8	alpha-Pinene	**0.66**	2.3	0.35	**0.12**	0.42	0.064	**J**
103-65-1	n-Propylbenzene	**0.45**	2.3	0.33	**0.092**	0.48	0.068	**J**
622-96-8	4-Ethyltoluene	**0.41**	2.3	0.37	**0.084**	0.48	0.075	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.42**	2.3	0.33	**0.086**	0.47	0.068	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.9**	2.3	0.32	**0.38**	0.48	0.065	**J**
100-44-7	Benzyl Chloride	**1.5**	4.8	0.52	**0.30**	0.92	0.10	**J**
541-73-1	1,3-Dichlorobenzene	<0.35	2.3	0.35	<0.058	0.39	0.058	
106-46-7	1,4-Dichlorobenzene	<0.35	2.3	0.35	<0.059	0.39	0.059	
95-50-1	1,2-Dichlorobenzene	<0.34	2.3	0.34	<0.057	0.39	0.057	
5989-27-5	d-Limonene	**5.3**	2.3	0.48	**0.96**	0.42	0.085	
96-12-8	1,2-Dibromo-3-chloropropane	<0.43	2.3	0.43	<0.045	0.24	0.045	
120-82-1	1,2,4-Trichlorobenzene	<0.56	2.3	0.56	<0.076	0.31	0.076	
91-20-3	Naphthalene	**0.62**	2.2	0.56	**0.12**	0.43	0.11	**J**
87-68-3	Hexachlorobutadiene	<0.48	2.3	0.48	<0.045	0.21	0.045	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 94** ALS Project ID: P2003335
Client Project ID: **Tel Hashomer / KTE-57-20-Simi** ALS Sample ID: P2003335-004

Test Code: EPA TO-15 Date Collected: 6/11/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/16/20
Analyst: Simon Cao Date Analyzed: 6/26/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00848

Initial Pressure (psig): -2.42 Final Pressure (psig): 6.74

Canister Dilution Factor: 1.75

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**1.7**	2.3	0.57	**0.97**	1.3	0.33	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	2.3	0.38	**0.47**	0.47	0.077	**J**
74-87-3	Chloromethane	**1.3**	2.3	0.38	**0.63**	1.1	0.18	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.37	2.3	0.37	<0.053	0.33	0.053	
75-01-4	Vinyl Chloride	<0.25	2.4	0.25	<0.098	0.92	0.098	
106-99-0	1,3-Butadiene	<0.39	2.3	0.39	<0.17	1.0	0.17	
74-83-9	Bromomethane	<0.32	2.4	0.32	<0.083	0.61	0.083	
75-00-3	Chloroethane	<0.29	2.4	0.29	<0.11	0.90	0.11	
64-17-5	Ethanol	**61**	23	1.6	**32**	12	0.86	
75-05-8	Acetonitrile	**0.88**	2.3	0.57	**0.53**	1.4	0.34	**J**
107-02-8	Acrolein	**4.6**	4.4	0.66	**2.0**	1.9	0.29	
67-64-1	Acetone	**46**	23	5.3	**19**	9.8	2.2	
75-69-4	Trichlorofluoromethane (CFC 11)	**7.8**	2.3	0.35	**1.4**	0.41	0.063	
67-63-0	2-Propanol (Isopropyl Alcohol)	**1.7**	9.2	0.96	**0.71**	3.7	0.39	**J**
107-13-1	Acrylonitrile	<0.48	2.3	0.48	<0.22	1.1	0.22	
75-35-4	1,1-Dichloroethene	<0.32	2.4	0.32	<0.082	0.60	0.082	
75-09-2	Methylene Chloride	<0.66	2.3	0.66	<0.19	0.67	0.19	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.32	2.4	0.32	<0.10	0.76	0.10	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.85**	2.4	0.33	**0.11**	0.31	0.043	**J**
75-15-0	Carbon Disulfide	**6.7**	4.8	0.70	**2.1**	1.5	0.22	**B**
156-60-5	trans-1,2-Dichloroethene	<0.32	2.4	0.32	<0.082	0.60	0.082	
75-34-3	1,1-Dichloroethane	<0.34	2.4	0.34	<0.084	0.59	0.084	
1634-04-4	Methyl tert-Butyl Ether	<0.28	2.4	0.28	<0.076	0.66	0.076	
108-05-4	Vinyl Acetate	**15**	24	5.3	**4.4**	6.7	1.5	**J**
78-93-3	2-Butanone (MEK)	**6.1**	4.8	0.48	**2.1**	1.6	0.16	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 94** ALS Project ID: P2003335
Client Project ID: **Tel Hashomer / KTE-57-20-Simi** ALS Sample ID: P2003335-004

Test Code: EPA TO-15 Date Collected: 6/11/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/16/20
Analyst: Simon Cao Date Analyzed: 6/26/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00848

Initial Pressure (psig): -2.42 Final Pressure (psig): 6.74

Canister Dilution Factor: 1.75

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.33	2.3	0.33	<0.083	0.59	0.083	
141-78-6	Ethyl Acetate	**1.5**	4.8	1.2	**0.43**	1.3	0.34	**J**
110-54-3	n-Hexane	<0.48	2.4	0.48	<0.14	0.67	0.14	
67-66-3	Chloroform	**0.51**	2.4	0.31	**0.10**	0.48	0.064	**J**
109-99-9	Tetrahydrofuran (THF)	<0.29	2.4	0.29	<0.099	0.82	0.099	
107-06-2	1,2-Dichloroethane	<0.26	2.4	0.26	<0.064	0.58	0.064	
71-55-6	1,1,1-Trichloroethane	<0.29	2.4	0.29	<0.053	0.43	0.053	
71-43-2	Benzene	<0.34	2.3	0.34	<0.11	0.73	0.11	
56-23-5	Carbon Tetrachloride	**2.4**	2.3	0.32	**0.39**	0.37	0.051	
110-82-7	Cyclohexane	<0.66	4.8	0.66	<0.19	1.4	0.19	
78-87-5	1,2-Dichloropropane	<0.29	2.4	0.29	<0.063	0.51	0.063	
75-27-4	Bromodichloromethane	<0.34	2.4	0.34	<0.050	0.35	0.050	
79-01-6	Trichloroethene	**0.47**	2.4	0.32	**0.087**	0.44	0.059	**J**
123-91-1	1,4-Dioxane	<0.28	2.4	0.28	<0.077	0.66	0.077	
80-62-6	Methyl Methacrylate	<0.83	4.8	0.83	<0.20	1.2	0.20	
142-82-5	n-Heptane	**8.5**	2.4	0.37	**2.1**	0.58	0.091	
10061-01-5	cis-1,3-Dichloropropene	<0.36	2.3	0.36	<0.080	0.50	0.080	
108-10-1	4-Methyl-2-pentanone	**0.68**	2.3	0.32	**0.17**	0.57	0.078	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.48	2.3	0.48	<0.11	0.51	0.11	
79-00-5	1,1,2-Trichloroethane	<0.24	2.4	0.24	<0.043	0.43	0.043	
108-88-3	Toluene	**1.7**	2.4	0.28	**0.45**	0.63	0.075	**J**
591-78-6	2-Hexanone	**2.0**	2.4	0.29	**0.50**	0.58	0.071	**J**
124-48-1	Dibromochloromethane	<0.31	2.4	0.31	<0.036	0.28	0.036	
106-93-4	1,2-Dibromoethane	<0.27	2.4	0.27	<0.035	0.31	0.035	
123-86-4	n-Butyl Acetate	<0.32	2.4	0.32	<0.067	0.51	0.067	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 94** ALS Project ID: P2003335
Client Project ID: **Tel Hashomer / KTE-57-20-Simi** ALS Sample ID: P2003335-004

Test Code: EPA TO-15 Date Collected: 6/11/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/16/20
Analyst: Simon Cao Date Analyzed: 6/26/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00848

Initial Pressure (psig): -2.42 Final Pressure (psig): 6.74

Canister Dilution Factor: 1.75

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.53	2.4	0.53	<0.11	0.51	0.11	
127-18-4	Tetrachloroethene	**1.6**	2.3	0.30	**0.24**	0.34	0.045	**J**
108-90-7	Chlorobenzene	<0.31	2.4	0.31	<0.067	0.51	0.067	
100-41-4	Ethylbenzene	**0.52**	2.4	0.33	**0.12**	0.54	0.076	**J**
179601-23-1	m,p-Xylenes	**2.1**	4.8	0.61	**0.48**	1.1	0.14	**J**
75-25-2	Bromoform	<0.48	2.4	0.48	<0.047	0.23	0.047	
100-42-5	Styrene	**0.90**	2.3	0.38	**0.21**	0.54	0.088	**J**
95-47-6	o-Xylene	**0.78**	2.4	0.34	**0.18**	0.54	0.078	**J**
111-84-2	n-Nonane	<0.39	2.4	0.39	<0.074	0.45	0.074	
79-34-5	1,1,2,2-Tetrachloroethane	<0.32	2.4	0.32	<0.047	0.34	0.047	
98-82-8	Cumene	<0.34	2.4	0.34	<0.069	0.48	0.069	
80-56-8	alpha-Pinene	<0.36	2.4	0.36	<0.064	0.42	0.064	
103-65-1	n-Propylbenzene	<0.34	2.4	0.34	<0.069	0.48	0.069	
622-96-8	4-Ethyltoluene	**0.39**	2.4	0.37	**0.080**	0.48	0.076	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.34**	2.3	0.34	**0.069**	0.47	0.069	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.4**	2.4	0.32	**0.29**	0.48	0.066	**J**
100-44-7	Benzyl Chloride	<0.53	4.8	0.53	<0.10	0.93	0.10	
541-73-1	1,3-Dichlorobenzene	<0.35	2.4	0.35	<0.058	0.39	0.058	
106-46-7	1,4-Dichlorobenzene	<0.36	2.4	0.36	<0.060	0.39	0.060	
95-50-1	1,2-Dichlorobenzene	<0.35	2.4	0.35	<0.058	0.39	0.058	
5989-27-5	d-Limonene	**4.4**	2.4	0.48	**0.78**	0.42	0.086	
96-12-8	1,2-Dibromo-3-chloropropane	<0.44	2.3	0.44	<0.045	0.24	0.045	
120-82-1	1,2,4-Trichlorobenzene	<0.57	2.4	0.57	<0.077	0.32	0.077	
91-20-3	Naphthalene	<0.57	2.3	0.57	<0.11	0.43	0.11	
87-68-3	Hexachlorobutadiene	<0.48	2.3	0.48	<0.045	0.22	0.045	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 10** ALS Project ID: P2003335
Client Project ID: **Tel Hashomer / KTE-57-20-Simi** ALS Sample ID: P2003335-005

Test Code: EPA TO-15 Date Collected: 6/11/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/16/20
Analyst: Simon Cao Date Analyzed: 6/26/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00316

Initial Pressure (psig): -0.81 Final Pressure (psig): 6.53

Canister Dilution Factor: 1.53

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**18**	20	5.0	**10**	12	2.9	**J, D**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.2**	2.0	0.33	**0.45**	0.41	0.067	
74-87-3	Chloromethane	**1.7**	2.0	0.33	**0.82**	0.98	0.16	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.32	2.0	0.32	<0.046	0.29	0.046	
75-01-4	Vinyl Chloride	<0.22	2.1	0.22	<0.085	0.81	0.085	
106-99-0	1,3-Butadiene	<0.34	2.0	0.34	<0.15	0.92	0.15	
74-83-9	Bromomethane	**1.2**	2.1	0.28	**0.31**	0.53	0.073	**J**
75-00-3	Chloroethane	<0.25	2.1	0.25	<0.096	0.78	0.096	
64-17-5	Ethanol	**30**	20	1.4	**16**	11	0.75	
75-05-8	Acetonitrile	**2.1**	2.0	0.50	**1.3**	1.2	0.30	
107-02-8	Acrolein	**6.4**	3.8	0.57	**2.8**	1.7	0.25	
67-64-1	Acetone	**120**	20	4.6	**51**	8.5	1.9	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.2**	2.0	0.31	**0.22**	0.36	0.055	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2,600**	80	8.4	**1,100**	33	3.4	**D**
107-13-1	Acrylonitrile	<0.42	2.0	0.42	<0.19	0.93	0.19	
75-35-4	1,1-Dichloroethene	**0.29**	2.1	0.28	**0.072**	0.52	0.071	**J**
75-09-2	Methylene Chloride	**1.1**	2.0	0.57	**0.32**	0.58	0.17	**J**
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.28	2.1	0.28	<0.088	0.66	0.088	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.63**	2.1	0.29	**0.082**	0.27	0.038	**J**
75-15-0	Carbon Disulfide	**1.3**	4.2	0.61	**0.43**	1.4	0.20	**J, B**
156-60-5	trans-1,2-Dichloroethene	<0.28	2.1	0.28	<0.071	0.52	0.071	
75-34-3	1,1-Dichloroethane	<0.30	2.1	0.30	<0.074	0.52	0.074	
1634-04-4	Methyl tert-Butyl Ether	**0.28**	2.1	0.24	**0.076**	0.57	0.067	**J**
108-05-4	Vinyl Acetate	**22**	21	4.6	**6.3**	5.9	1.3	
78-93-3	2-Butanone (MEK)	**14**	4.2	0.42	**4.8**	1.4	0.14	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.
D = The reported result is from a dilution.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 10** ALS Project ID: P2003335
Client Project ID: **Tel Hashomer / KTE-57-20-Simi** ALS Sample ID: P2003335-005

Test Code: EPA TO-15 Date Collected: 6/11/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/16/20
Analyst: Simon Cao Date Analyzed: 6/26/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00316

Initial Pressure (psig): -0.81 Final Pressure (psig): 6.53

Canister Dilution Factor: 1.53

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.29	2.0	0.29	<0.072	0.51	0.072	
141-78-6	Ethyl Acetate	<1.1	4.2	1.1	<0.30	1.2	0.30	
110-54-3	n-Hexane	**0.98**	2.1	0.42	**0.28**	0.59	0.12	**J**
67-66-3	Chloroform	<0.27	2.1	0.27	<0.056	0.42	0.056	
109-99-9	Tetrahydrofuran (THF)	**2.6**	2.1	0.26	**0.88**	0.71	0.087	
107-06-2	1,2-Dichloroethane	<0.23	2.1	0.23	<0.056	0.51	0.056	
71-55-6	1,1,1-Trichloroethane	<0.25	2.1	0.25	<0.046	0.38	0.046	
71-43-2	Benzene	**3.2**	2.0	0.29	**1.0**	0.63	0.092	
56-23-5	Carbon Tetrachloride	**0.54**	2.0	0.28	**0.085**	0.32	0.045	**J**
110-82-7	Cyclohexane	**0.65**	4.2	0.57	**0.19**	1.2	0.17	**J**
78-87-5	1,2-Dichloropropane	<0.25	2.1	0.25	<0.055	0.45	0.055	
75-27-4	Bromodichloromethane	<0.29	2.1	0.29	<0.044	0.31	0.044	
79-01-6	Trichloroethene	**0.64**	2.1	0.28	**0.12**	0.38	0.051	**J**
123-91-1	1,4-Dioxane	**0.50**	2.1	0.24	**0.14**	0.57	0.067	**J**
80-62-6	Methyl Methacrylate	<0.73	4.2	0.73	<0.18	1.0	0.18	
142-82-5	n-Heptane	**0.75**	2.1	0.33	**0.18**	0.50	0.079	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.32	2.0	0.32	<0.070	0.44	0.070	
108-10-1	4-Methyl-2-pentanone	**0.54**	2.0	0.28	**0.13**	0.49	0.068	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.42	2.0	0.42	<0.093	0.45	0.093	
79-00-5	1,1,2-Trichloroethane	<0.21	2.1	0.21	<0.038	0.38	0.038	
108-88-3	Toluene	**4.7**	2.1	0.25	**1.2**	0.55	0.066	
591-78-6	2-Hexanone	**1.8**	2.1	0.25	**0.45**	0.50	0.062	**J**
124-48-1	Dibromochloromethane	<0.27	2.1	0.27	<0.031	0.24	0.031	
106-93-4	1,2-Dibromoethane	<0.24	2.1	0.24	<0.031	0.27	0.031	
123-86-4	n-Butyl Acetate	**2.6**	2.1	0.28	**0.55**	0.44	0.059	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 10** ALS Project ID: P2003335
Client Project ID: **Tel Hashomer / KTE-57-20-Simi** ALS Sample ID: P2003335-005

Test Code: EPA TO-15 Date Collected: 6/11/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/16/20
Analyst: Simon Cao Date Analyzed: 6/26/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00316

Initial Pressure (psig): -0.81 Final Pressure (psig): 6.53

Canister Dilution Factor: 1.53

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**3.7**	2.1	0.46	**0.79**	0.44	0.098	
127-18-4	Tetrachloroethene	**2.3**	2.0	0.26	**0.34**	0.29	0.039	
108-90-7	Chlorobenzene	<0.27	2.1	0.27	<0.059	0.45	0.059	
100-41-4	Ethylbenzene	**0.57**	2.1	0.29	**0.13**	0.48	0.066	**J**
179601-23-1	m,p-Xylenes	**1.7**	4.2	0.54	**0.40**	0.97	0.12	**J**
75-25-2	Bromoform	<0.42	2.1	0.42	<0.041	0.20	0.041	
100-42-5	Styrene	**0.53**	2.0	0.33	**0.12**	0.48	0.077	**J**
95-47-6	o-Xylene	**0.68**	2.1	0.29	**0.16**	0.48	0.068	**J**
111-84-2	n-Nonane	**17**	2.1	0.34	**3.3**	0.39	0.065	
79-34-5	1,1,2,2-Tetrachloroethane	<0.28	2.1	0.28	<0.041	0.30	0.041	
98-82-8	Cumene	<0.29	2.1	0.29	<0.060	0.42	0.060	
80-56-8	alpha-Pinene	**0.38**	2.1	0.31	**0.069**	0.37	0.056	**J**
103-65-1	n-Propylbenzene	<0.29	2.1	0.29	<0.060	0.42	0.060	
622-96-8	4-Ethyltoluene	<0.33	2.1	0.33	<0.066	0.42	0.066	
108-67-8	1,3,5-Trimethylbenzene	<0.29	2.0	0.29	<0.060	0.41	0.060	
95-63-6	1,2,4-Trimethylbenzene	**0.42**	2.1	0.28	**0.086**	0.42	0.058	**J**
100-44-7	Benzyl Chloride	<0.46	4.2	0.46	<0.089	0.81	0.089	
541-73-1	1,3-Dichlorobenzene	<0.31	2.1	0.31	<0.051	0.34	0.051	
106-46-7	1,4-Dichlorobenzene	<0.31	2.1	0.31	<0.052	0.34	0.052	
95-50-1	1,2-Dichlorobenzene	<0.30	2.1	0.30	<0.050	0.34	0.050	
5989-27-5	d-Limonene	**1.6**	2.1	0.42	**0.29**	0.37	0.076	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.38	2.0	0.38	<0.040	0.21	0.040	
120-82-1	1,2,4-Trichlorobenzene	<0.50	2.1	0.50	<0.067	0.28	0.067	
91-20-3	Naphthalene	<0.50	2.0	0.50	<0.095	0.38	0.095	
87-68-3	Hexachlorobutadiene	<0.42	2.0	0.42	<0.039	0.19	0.039	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 50** ALS Project ID: P2003335
Client Project ID: **Tel Hashomer / KTE-57-20-Simi** ALS Sample ID: P2003335-006

Test Code: EPA TO-15 Date Collected: 6/11/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/16/20
Analyst: Simon Cao Date Analyzed: 6/26/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00812

Initial Pressure (psig): -3.28 Final Pressure (psig): 6.39

Canister Dilution Factor: 1.85

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.8**	2.5	0.60	**1.6**	1.4	0.35	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	2.5	0.40	**0.47**	0.50	0.081	**J**
74-87-3	Chloromethane	**0.43**	2.5	0.40	**0.21**	1.2	0.19	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.39	2.5	0.39	<0.056	0.35	0.056	
75-01-4	Vinyl Chloride	<0.26	2.5	0.26	<0.10	0.98	0.10	
106-99-0	1,3-Butadiene	<0.41	2.5	0.41	<0.18	1.1	0.18	
74-83-9	Bromomethane	<0.34	2.5	0.34	<0.088	0.64	0.088	
75-00-3	Chloroethane	<0.31	2.5	0.31	<0.12	0.95	0.12	
64-17-5	Ethanol	**50**	24	1.7	**27**	13	0.91	
75-05-8	Acetonitrile	**0.93**	2.5	0.60	**0.56**	1.5	0.36	**J**
107-02-8	Acrolein	**6.5**	4.6	0.69	**2.8**	2.0	0.30	
67-64-1	Acetone	**38**	25	5.6	**16**	10	2.3	
75-69-4	Trichlorofluoromethane (CFC 11)	**18**	2.5	0.37	**3.2**	0.44	0.067	
67-63-0	2-Propanol (Isopropyl Alcohol)	**3.4**	9.7	1.0	**1.4**	4.0	0.41	**J**
107-13-1	Acrylonitrile	<0.51	2.5	0.51	<0.23	1.1	0.23	
75-35-4	1,1-Dichloroethene	<0.34	2.5	0.34	<0.086	0.63	0.086	
75-09-2	Methylene Chloride	**0.80**	2.5	0.69	**0.23**	0.71	0.20	**J**
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.33	2.5	0.33	<0.11	0.80	0.11	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.66**	2.5	0.35	**0.086**	0.33	0.046	**J**
75-15-0	Carbon Disulfide	**12**	5.1	0.74	**3.8**	1.6	0.24	**B**
156-60-5	trans-1,2-Dichloroethene	<0.34	2.5	0.34	<0.086	0.63	0.086	
75-34-3	1,1-Dichloroethane	<0.36	2.5	0.36	<0.089	0.63	0.089	
1634-04-4	Methyl tert-Butyl Ether	<0.29	2.5	0.29	<0.081	0.69	0.081	
108-05-4	Vinyl Acetate	**15**	25	5.6	**4.4**	7.1	1.6	**J**
78-93-3	2-Butanone (MEK)	**10**	5.1	0.51	**3.5**	1.7	0.17	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 50** ALS Project ID: P2003335
Client Project ID: **Tel Hashomer / KTE-57-20-Simi** ALS Sample ID: P2003335-006

Test Code: EPA TO-15 Date Collected: 6/11/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/16/20
Analyst: Simon Cao Date Analyzed: 6/26/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00812

Initial Pressure (psig): -3.28 Final Pressure (psig): 6.39

Canister Dilution Factor: 1.85

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.35	2.5	0.35	<0.088	0.62	0.088	
141-78-6	Ethyl Acetate	**1.4**	5.1	1.3	**0.40**	1.4	0.36	**J**
110-54-3	n-Hexane	<0.51	2.5	0.51	<0.14	0.71	0.14	
67-66-3	Chloroform	**0.51**	2.5	0.33	**0.10**	0.51	0.067	**J**
109-99-9	Tetrahydrofuran (THF)	**0.37**	2.5	0.31	**0.12**	0.86	0.11	**J**
107-06-2	1,2-Dichloroethane	<0.27	2.5	0.27	<0.067	0.62	0.067	
71-55-6	1,1,1-Trichloroethane	<0.31	2.5	0.31	<0.056	0.46	0.056	
71-43-2	Benzene	**0.41**	2.5	0.36	**0.13**	0.77	0.11	**J**
56-23-5	Carbon Tetrachloride	<0.34	2.5	0.34	<0.054	0.39	0.054	
110-82-7	Cyclohexane	<0.69	5.1	0.69	<0.20	1.5	0.20	
78-87-5	1,2-Dichloropropane	<0.31	2.5	0.31	<0.066	0.54	0.066	
75-27-4	Bromodichloromethane	<0.36	2.5	0.36	<0.053	0.37	0.053	
79-01-6	Trichloroethene	**4.1**	2.5	0.33	**0.77**	0.46	0.062	
123-91-1	1,4-Dioxane	<0.29	2.5	0.29	<0.081	0.69	0.081	
80-62-6	Methyl Methacrylate	<0.88	5.1	0.88	<0.21	1.2	0.21	
142-82-5	n-Heptane	**28**	2.5	0.39	**7.0**	0.61	0.096	
10061-01-5	cis-1,3-Dichloropropene	<0.38	2.4	0.38	<0.085	0.53	0.085	
108-10-1	4-Methyl-2-pentanone	**1.2**	2.5	0.34	**0.29**	0.60	0.082	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.51	2.5	0.51	<0.11	0.54	0.11	
79-00-5	1,1,2-Trichloroethane	<0.25	2.5	0.25	<0.046	0.46	0.046	
108-88-3	Toluene	**2.3**	2.5	0.30	**0.61**	0.66	0.080	**J**
591-78-6	2-Hexanone	**6.1**	2.5	0.31	**1.5**	0.61	0.075	
124-48-1	Dibromochloromethane	<0.32	2.5	0.32	<0.038	0.29	0.038	
106-93-4	1,2-Dibromoethane	<0.29	2.5	0.29	<0.037	0.33	0.037	
123-86-4	n-Butyl Acetate	<0.34	2.5	0.34	<0.071	0.54	0.071	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 50** ALS Project ID: P2003335
Client Project ID: **Tel Hashomer / KTE-57-20-Simi** ALS Sample ID: P2003335-006

Test Code: EPA TO-15 Date Collected: 6/11/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/16/20
Analyst: Simon Cao Date Analyzed: 6/26/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00812

Initial Pressure (psig): -3.28 Final Pressure (psig): 6.39

Canister Dilution Factor: 1.85

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**0.86**	2.5	0.56	**0.18**	0.53	0.12	**J**
127-18-4	Tetrachloroethene	**1.7**	2.4	0.32	**0.25**	0.35	0.047	**J**
108-90-7	Chlorobenzene	<0.33	2.5	0.33	<0.071	0.54	0.071	
100-41-4	Ethylbenzene	**0.57**	2.5	0.35	**0.13**	0.58	0.080	**J**
179601-23-1	m,p-Xylenes	**1.8**	5.1	0.65	**0.41**	1.2	0.15	**J**
75-25-2	Bromoform	<0.51	2.5	0.51	<0.049	0.24	0.049	
100-42-5	Styrene	**1.0**	2.5	0.40	**0.24**	0.58	0.093	**J**
95-47-6	o-Xylene	**0.56**	2.5	0.36	**0.13**	0.58	0.082	**J**
111-84-2	n-Nonane	**0.66**	2.5	0.41	**0.13**	0.48	0.078	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.34	2.5	0.34	<0.050	0.36	0.050	
98-82-8	Cumene	<0.36	2.5	0.36	<0.072	0.51	0.072	
80-56-8	alpha-Pinene	<0.38	2.5	0.38	<0.068	0.45	0.068	
103-65-1	n-Propylbenzene	<0.36	2.5	0.36	<0.072	0.51	0.072	
622-96-8	4-Ethyltoluene	<0.39	2.5	0.39	<0.080	0.51	0.080	
108-67-8	1,3,5-Trimethylbenzene	<0.36	2.5	0.36	<0.072	0.50	0.072	
95-63-6	1,2,4-Trimethylbenzene	**1.0**	2.5	0.34	**0.20**	0.51	0.070	**J**
100-44-7	Benzyl Chloride	<0.56	5.1	0.56	<0.11	0.98	0.11	
541-73-1	1,3-Dichlorobenzene	<0.37	2.5	0.37	<0.062	0.42	0.062	
106-46-7	1,4-Dichlorobenzene	<0.38	2.5	0.38	<0.063	0.42	0.063	
95-50-1	1,2-Dichlorobenzene	<0.37	2.5	0.37	<0.061	0.42	0.061	
5989-27-5	d-Limonene	**2.9**	2.5	0.51	**0.53**	0.45	0.091	
96-12-8	1,2-Dibromo-3-chloropropane	<0.46	2.5	0.46	<0.048	0.25	0.048	
120-82-1	1,2,4-Trichlorobenzene	<0.60	2.5	0.60	<0.081	0.34	0.081	
91-20-3	Naphthalene	<0.60	2.4	0.60	<0.11	0.46	0.11	
87-68-3	Hexachlorobutadiene	<0.51	2.5	0.51	<0.048	0.23	0.048	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 100** ALS Project ID: P2003335
Client Project ID: **Tel Hashomer / KTE-57-20-Simi** ALS Sample ID: P2003335-007

Test Code: EPA TO-15 Date Collected: 6/11/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/16/20
Analyst: Simon Cao Date Analyzed: 6/26/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: 1SC00736

Initial Pressure (psig): -2.57 Final Pressure (psig): 6.30

Canister Dilution Factor: 1.73

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**17**	4.6	1.1	**10**	2.7	0.65	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.7**	4.6	0.75	**0.54**	0.93	0.15	**J**
74-87-3	Chloromethane	**2.6**	4.6	0.74	**1.2**	2.2	0.36	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.73	4.6	0.73	<0.10	0.66	0.10	
75-01-4	Vinyl Chloride	<0.49	4.7	0.49	<0.19	1.8	0.19	
106-99-0	1,3-Butadiene	<0.76	4.6	0.76	<0.34	2.1	0.34	
74-83-9	Bromomethane	**0.82**	4.7	0.64	**0.21**	1.2	0.16	**J**
75-00-3	Chloroethane	<0.57	4.7	0.57	<0.22	1.8	0.22	
64-17-5	Ethanol	**620**	45	3.2	**330**	24	1.7	
75-05-8	Acetonitrile	**1.7**	4.6	1.1	**1.0**	2.7	0.67	**J**
107-02-8	Acrolein	**7.7**	8.7	1.3	**3.4**	3.8	0.57	**J**
67-64-1	Acetone	**110**	46	10	**46**	19	4.4	
75-69-4	Trichlorofluoromethane (CFC 11)	**11**	4.6	0.70	**2.0**	0.82	0.12	
67-63-0	2-Propanol (Isopropyl Alcohol)	**82**	18	1.9	**33**	7.4	0.77	
107-13-1	Acrylonitrile	<0.95	4.6	0.95	<0.44	2.1	0.44	
75-35-4	1,1-Dichloroethene	<0.64	4.7	0.64	<0.16	1.2	0.16	
75-09-2	Methylene Chloride	**3.4**	4.6	1.3	**0.99**	1.3	0.37	**J**
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.62	4.7	0.62	<0.20	1.5	0.20	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.66	4.7	0.66	<0.086	0.61	0.086	
75-15-0	Carbon Disulfide	**7.9**	9.5	1.4	**2.6**	3.1	0.44	**J, B**
156-60-5	trans-1,2-Dichloroethene	<0.64	4.7	0.64	<0.16	1.2	0.16	
75-34-3	1,1-Dichloroethane	<0.67	4.8	0.67	<0.17	1.2	0.17	
1634-04-4	Methyl tert-Butyl Ether	<0.54	4.7	0.54	<0.15	1.3	0.15	
108-05-4	Vinyl Acetate	**30**	47	10	**8.6**	13	2.9	**J**
78-93-3	2-Butanone (MEK)	**14**	9.5	0.95	**4.9**	3.2	0.32	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 100** ALS Project ID: P2003335
Client Project ID: **Tel Hashomer / KTE-57-20-Simi** ALS Sample ID: P2003335-007

Test Code: EPA TO-15 Date Collected: 6/11/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/16/20
Analyst: Simon Cao Date Analyzed: 6/26/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: 1SC00736

Initial Pressure (psig): -2.57 Final Pressure (psig): 6.30

Canister Dilution Factor: 1.73

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.65	4.6	0.65	<0.16	1.2	0.16	
141-78-6	Ethyl Acetate	**130**	9.5	2.4	**37**	2.6	0.67	
110-54-3	n-Hexane	<0.95	4.7	0.95	<0.27	1.3	0.27	
67-66-3	Chloroform	**2.0**	4.7	0.61	**0.42**	0.96	0.13	**J**
109-99-9	Tetrahydrofuran (THF)	**1.2**	4.8	0.58	**0.40**	1.6	0.20	**J**
107-06-2	1,2-Dichloroethane	<0.51	4.7	0.51	<0.13	1.2	0.13	
71-55-6	1,1,1-Trichloroethane	<0.57	4.7	0.57	<0.10	0.86	0.10	
71-43-2	Benzene	**3.3**	4.6	0.67	**1.0**	1.4	0.21	**J**
56-23-5	Carbon Tetrachloride	<0.64	4.6	0.64	<0.10	0.73	0.10	
110-82-7	Cyclohexane	<1.3	9.5	1.3	<0.38	2.8	0.38	
78-87-5	1,2-Dichloropropane	<0.57	4.7	0.57	<0.12	1.0	0.12	
75-27-4	Bromodichloromethane	<0.67	4.7	0.67	<0.099	0.70	0.099	
79-01-6	Trichloroethene	**3.4**	4.7	0.62	**0.63**	0.87	0.12	**J**
123-91-1	1,4-Dioxane	<0.54	4.7	0.54	<0.15	1.3	0.15	
80-62-6	Methyl Methacrylate	<1.6	9.5	1.6	<0.40	2.3	0.40	
142-82-5	n-Heptane	**1.1**	4.7	0.74	**0.26**	1.1	0.18	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.72	4.5	0.72	<0.16	0.99	0.16	
108-10-1	4-Methyl-2-pentanone	**0.81**	4.6	0.63	**0.20**	1.1	0.15	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.95	4.6	0.95	<0.21	1.0	0.21	
79-00-5	1,1,2-Trichloroethane	<0.47	4.7	0.47	<0.086	0.86	0.086	
108-88-3	Toluene	**8.4**	4.7	0.56	**2.2**	1.2	0.15	
591-78-6	2-Hexanone	**1.7**	4.7	0.57	**0.42**	1.1	0.14	**J**
124-48-1	Dibromochloromethane	<0.61	4.7	0.61	<0.071	0.55	0.071	
106-93-4	1,2-Dibromoethane	<0.54	4.7	0.54	<0.070	0.61	0.070	
123-86-4	n-Butyl Acetate	**20**	4.8	0.63	**4.2**	1.0	0.13	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 100** ALS Project ID: P2003335
Client Project ID: **Tel Hashomer / KTE-57-20-Simi** ALS Sample ID: P2003335-007

Test Code: EPA TO-15 Date Collected: 6/11/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/16/20
Analyst: Simon Cao Date Analyzed: 6/26/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.20 Liter(s)
Test Notes:
Container ID: 1SC00736

Initial Pressure (psig): -2.57 Final Pressure (psig): 6.30

Canister Dilution Factor: 1.73

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**3.4**	4.7	1.0	**0.73**	1.0	0.22	**J**
127-18-4	Tetrachloroethene	**7.6**	4.5	0.60	**1.1**	0.66	0.088	
108-90-7	Chlorobenzene	<0.61	4.7	0.61	<0.13	1.0	0.13	
100-41-4	Ethylbenzene	**1.2**	4.7	0.65	**0.28**	1.1	0.15	**J**
179601-23-1	m,p-Xylenes	**3.9**	9.5	1.2	**0.91**	2.2	0.28	**J**
75-25-2	Bromoform	<0.95	4.7	0.95	<0.092	0.45	0.092	
100-42-5	Styrene	**0.87**	4.6	0.74	**0.21**	1.1	0.17	**J**
95-47-6	o-Xylene	**1.5**	4.7	0.67	**0.34**	1.1	0.15	**J**
111-84-2	n-Nonane	**13**	4.7	0.77	**2.5**	0.89	0.15	
79-34-5	1,1,2,2-Tetrachloroethane	<0.64	4.7	0.64	<0.093	0.68	0.093	
98-82-8	Cumene	**2.9**	4.7	0.67	**0.59**	0.95	0.14	**J**
80-56-8	alpha-Pinene	<0.71	4.7	0.71	<0.13	0.84	0.13	
103-65-1	n-Propylbenzene	<0.67	4.7	0.67	<0.14	0.95	0.14	
622-96-8	4-Ethyltoluene	**0.87**	4.7	0.74	**0.18**	0.95	0.15	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.69**	4.6	0.67	**0.14**	0.93	0.14	**J**
95-63-6	1,2,4-Trimethylbenzene	**3.0**	4.7	0.64	**0.61**	0.95	0.13	**J**
100-44-7	Benzyl Chloride	<1.0	9.5	1.0	<0.20	1.8	0.20	
541-73-1	1,3-Dichlorobenzene	<0.69	4.7	0.69	<0.12	0.78	0.12	
106-46-7	1,4-Dichlorobenzene	<0.71	4.7	0.71	<0.12	0.78	0.12	
95-50-1	1,2-Dichlorobenzene	<0.68	4.7	0.68	<0.11	0.78	0.11	
5989-27-5	d-Limonene	**2.9**	4.7	0.95	**0.52**	0.84	0.17	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.87	4.6	0.87	<0.090	0.47	0.090	
120-82-1	1,2,4-Trichlorobenzene	<1.1	4.7	1.1	<0.15	0.63	0.15	
91-20-3	Naphthalene	<1.1	4.5	1.1	<0.21	0.86	0.21	
87-68-3	Hexachlorobutadiene	<0.95	4.6	0.95	<0.089	0.43	0.089	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 73** ALS Project ID: P2003335
Client Project ID: **Tel Hashomer / KTE-57-20-Simi** ALS Sample ID: P2003335-008

Test Code: EPA TO-15 Date Collected: 6/11/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/16/20
Analyst: Simon Cao Date Analyzed: 6/26/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.10 Liter(s)
Test Notes:
Container ID: 1SC01347

Initial Pressure (psig): -2.20 Final Pressure (psig): 6.90

Canister Dilution Factor: 1.73

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**2.5**	9.2	2.2	**1.4**	5.3	1.3	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.6**	9.2	1.5	**0.53**	1.9	0.30	**J**
74-87-3	Chloromethane	<1.5	9.2	1.5	<0.72	4.4	0.72	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<1.5	9.2	1.5	<0.21	1.3	0.21	
75-01-4	Vinyl Chloride	<0.99	9.3	0.99	<0.39	3.7	0.39	
106-99-0	1,3-Butadiene	<1.5	9.2	1.5	<0.69	4.1	0.69	
74-83-9	Bromomethane	<1.3	9.3	1.3	<0.33	2.4	0.33	
75-00-3	Chloroethane	<1.1	9.3	1.1	<0.43	3.5	0.43	
64-17-5	Ethanol	**51**	90	6.4	**27**	48	3.4	**J**
75-05-8	Acetonitrile	<2.2	9.2	2.2	<1.3	5.5	1.3	
107-02-8	Acrolein	<2.6	17	2.6	<1.1	7.5	1.1	
67-64-1	Acetone	**76**	92	21	**32**	39	8.7	**J**
75-69-4	Trichlorofluoromethane (CFC 11)	**11**	9.2	1.4	**1.9**	1.6	0.25	
67-63-0	2-Propanol (Isopropyl Alcohol)	<3.8	36	3.8	<1.5	15	1.5	
107-13-1	Acrylonitrile	<1.9	9.2	1.9	<0.88	4.2	0.88	
75-35-4	1,1-Dichloroethene	<1.3	9.3	1.3	<0.32	2.4	0.32	
75-09-2	Methylene Chloride	<2.6	9.2	2.6	<0.75	2.6	0.75	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<1.2	9.3	1.2	<0.40	3.0	0.40	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<1.3	9.3	1.3	<0.17	1.2	0.17	
75-15-0	Carbon Disulfide	<2.8	19	2.8	<0.89	6.1	0.89	
156-60-5	trans-1,2-Dichloroethene	<1.3	9.3	1.3	<0.32	2.4	0.32	
75-34-3	1,1-Dichloroethane	<1.3	9.5	1.3	<0.33	2.4	0.33	
1634-04-4	Methyl tert-Butyl Ether	<1.1	9.3	1.1	<0.30	2.6	0.30	
108-05-4	Vinyl Acetate	<21	93	21	<5.9	27	5.9	
78-93-3	2-Butanone (MEK)	**4.1**	19	1.9	**1.4**	6.5	0.65	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 73** ALS Project ID: P2003335
Client Project ID: **Tel Hashomer / KTE-57-20-Simi** ALS Sample ID: P2003335-008

Test Code: EPA TO-15 Date Collected: 6/11/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/16/20
Analyst: Simon Cao Date Analyzed: 6/26/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.10 Liter(s)
Test Notes:
Container ID: 1SC01347

Initial Pressure (psig): -2.20 Final Pressure (psig): 6.90

Canister Dilution Factor: 1.73

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<1.3	9.2	1.3	<0.33	2.3	0.33	
141-78-6	Ethyl Acetate	**8.7**	19	4.8	**2.4**	5.3	1.3	**J**
110-54-3	n-Hexane	<1.9	9.3	1.9	<0.54	2.7	0.54	
67-66-3	Chloroform	**4.1**	9.3	1.2	**0.84**	1.9	0.25	**J**
109-99-9	Tetrahydrofuran (THF)	<1.2	9.5	1.2	<0.39	3.2	0.39	
107-06-2	1,2-Dichloroethane	<1.0	9.3	1.0	<0.25	2.3	0.25	
71-55-6	1,1,1-Trichloroethane	<1.1	9.3	1.1	<0.21	1.7	0.21	
71-43-2	Benzene	<1.3	9.2	1.3	<0.42	2.9	0.42	
56-23-5	Carbon Tetrachloride	<1.3	9.2	1.3	<0.20	1.5	0.20	
110-82-7	Cyclohexane	<2.6	19	2.6	<0.75	5.5	0.75	
78-87-5	1,2-Dichloropropane	<1.1	9.3	1.1	<0.25	2.0	0.25	
75-27-4	Bromodichloromethane	<1.3	9.3	1.3	<0.20	1.4	0.20	
79-01-6	Trichloroethene	**3.5**	9.3	1.2	**0.65**	1.7	0.23	**J**
123-91-1	1,4-Dioxane	<1.1	9.3	1.1	<0.30	2.6	0.30	
80-62-6	Methyl Methacrylate	<3.3	19	3.3	<0.80	4.6	0.80	
142-82-5	n-Heptane	<1.5	9.3	1.5	<0.36	2.3	0.36	
10061-01-5	cis-1,3-Dichloropropene	<1.4	9.0	1.4	<0.32	2.0	0.32	
108-10-1	4-Methyl-2-pentanone	<1.3	9.2	1.3	<0.31	2.2	0.31	
10061-02-6	trans-1,3-Dichloropropene	<1.9	9.2	1.9	<0.42	2.0	0.42	
79-00-5	1,1,2-Trichloroethane	<0.93	9.3	0.93	<0.17	1.7	0.17	
108-88-3	Toluene	**4.0**	9.3	1.1	**1.1**	2.5	0.30	**J**
591-78-6	2-Hexanone	<1.1	9.3	1.1	<0.28	2.3	0.28	
124-48-1	Dibromochloromethane	<1.2	9.3	1.2	<0.14	1.1	0.14	
106-93-4	1,2-Dibromoethane	<1.1	9.3	1.1	<0.14	1.2	0.14	
123-86-4	n-Butyl Acetate	<1.3	9.5	1.3	<0.27	2.0	0.27	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 73** ALS Project ID: P2003335
Client Project ID: **Tel Hashomer / KTE-57-20-Simi** ALS Sample ID: P2003335-008

Test Code: EPA TO-15 Date Collected: 6/11/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 6/16/20
Analyst: Simon Cao Date Analyzed: 6/26/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.10 Liter(s)
Test Notes:
Container ID: 1SC01347

Initial Pressure (psig): -2.20 Final Pressure (psig): 6.90

Canister Dilution Factor: 1.73

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<2.1	9.3	2.1	<0.44	2.0	0.44	
127-18-4	Tetrachloroethene	**1.4**	9.0	1.2	**0.20**	1.3	0.18	**J**
108-90-7	Chlorobenzene	<1.2	9.3	1.2	<0.27	2.0	0.27	
100-41-4	Ethylbenzene	**2.5**	9.3	1.3	**0.59**	2.2	0.30	**J**
179601-23-1	m,p-Xylenes	**5.4**	19	2.4	**1.2**	4.4	0.56	**J**
75-25-2	Bromoform	<1.9	9.3	1.9	<0.18	0.90	0.18	
100-42-5	Styrene	**13**	9.2	1.5	**3.1**	2.2	0.35	
95-47-6	o-Xylene	**1.8**	9.3	1.3	**0.41**	2.2	0.31	**J**
111-84-2	n-Nonane	<1.5	9.3	1.5	<0.29	1.8	0.29	
79-34-5	1,1,2,2-Tetrachloroethane	<1.3	9.3	1.3	<0.19	1.4	0.19	
98-82-8	Cumene	<1.3	9.3	1.3	<0.27	1.9	0.27	
80-56-8	alpha-Pinene	<1.4	9.3	1.4	<0.25	1.7	0.25	
103-65-1	n-Propylbenzene	<1.3	9.3	1.3	<0.27	1.9	0.27	
622-96-8	4-Ethyltoluene	<1.5	9.3	1.5	<0.30	1.9	0.30	
108-67-8	1,3,5-Trimethylbenzene	<1.3	9.2	1.3	<0.27	1.9	0.27	
95-63-6	1,2,4-Trimethylbenzene	**2.8**	9.3	1.3	**0.57**	1.9	0.26	**J**
100-44-7	Benzyl Chloride	<2.1	19	2.1	<0.40	3.7	0.40	
541-73-1	1,3-Dichlorobenzene	<1.4	9.3	1.4	<0.23	1.6	0.23	
106-46-7	1,4-Dichlorobenzene	<1.4	9.3	1.4	<0.24	1.6	0.24	
95-50-1	1,2-Dichlorobenzene	<1.4	9.3	1.4	<0.23	1.6	0.23	
5989-27-5	d-Limonene	**2.7**	9.3	1.9	**0.49**	1.7	0.34	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<1.7	9.2	1.7	<0.18	0.95	0.18	
120-82-1	1,2,4-Trichlorobenzene	<2.2	9.3	2.2	<0.30	1.3	0.30	
91-20-3	Naphthalene	<2.2	9.0	2.2	<0.43	1.7	0.43	
87-68-3	Hexachlorobutadiene	<1.9	9.2	1.9	<0.18	0.86	0.18	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003335

Client Project ID: **Tel Hashomer / KTE-57-20-Simi** ALS Sample ID: P200626-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA

Analyst: Topacio De Leon Date Analyzed: 6/26/20

Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.13	0.53	0.13	<0.076	0.31	0.076	
75-71-8	Dichlorodifluoromethane (CFC 12)	<0.087	0.53	0.087	<0.018	0.11	0.018	
74-87-3	Chloromethane	<0.086	0.53	0.086	<0.042	0.26	0.042	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.084	0.53	0.084	<0.012	0.076	0.012	
75-01-4	Vinyl Chloride	<0.057	0.54	0.057	<0.022	0.21	0.022	
106-99-0	1,3-Butadiene	<0.088	0.53	0.088	<0.040	0.24	0.040	
74-83-9	Bromomethane	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-00-3	Chloroethane	<0.066	0.54	0.066	<0.025	0.20	0.025	
64-17-5	Ethanol	<0.37	5.2	0.37	<0.20	2.8	0.20	
75-05-8	Acetonitrile	<0.13	0.53	0.13	<0.077	0.32	0.077	
107-02-8	Acrolein	<0.15	1.0	0.15	<0.065	0.44	0.065	
67-64-1	Acetone	<1.2	5.3	1.2	<0.51	2.2	0.51	
75-69-4	Trichlorofluoromethane (CFC 11)	<0.081	0.53	0.081	<0.014	0.094	0.014	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.22	2.1	0.22	<0.090	0.85	0.090	
107-13-1	Acrylonitrile	<0.11	0.53	0.11	<0.051	0.24	0.051	
75-35-4	1,1-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-09-2	Methylene Chloride	<0.15	0.53	0.15	<0.043	0.15	0.043	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.072	0.54	0.072	<0.023	0.17	0.023	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.076	0.54	0.076	<0.0099	0.070	0.0099	
75-15-0	Carbon Disulfide	**0.20**	1.1	0.16	**0.064**	0.35	0.051	**J**
156-60-5	trans-1,2-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-34-3	1,1-Dichloroethane	<0.078	0.55	0.078	<0.019	0.14	0.019	
1634-04-4	Methyl tert-Butyl Ether	<0.063	0.54	0.063	<0.017	0.15	0.017	
108-05-4	Vinyl Acetate	<1.2	5.4	1.2	<0.34	1.5	0.34	
78-93-3	2-Butanone (MEK)	<0.11	1.1	0.11	<0.037	0.37	0.037	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003335

Client Project ID: **Tel Hashomer / KTE-57-20-Simi** ALS Sample ID: P200626-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA

Analyst: Topacio De Leon Date Analyzed: 6/26/20

Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	<0.075	0.53	0.075	<0.019	0.13	0.019	
141-78-6	Ethyl Acetate	<0.28	1.1	0.28	<0.078	0.31	0.078	
110-54-3	n-Hexane	<0.11	0.54	0.11	<0.031	0.15	0.031	
67-66-3	Chloroform	<0.071	0.54	0.071	<0.015	0.11	0.015	
109-99-9	Tetrahydrofuran (THF)	<0.067	0.55	0.067	<0.023	0.19	0.023	
107-06-2	1,2-Dichloroethane	<0.059	0.54	0.059	<0.015	0.13	0.015	
71-55-6	1,1,1-Trichloroethane	<0.066	0.54	0.066	<0.012	0.099	0.012	
71-43-2	Benzene	<0.077	0.53	0.077	<0.024	0.17	0.024	
56-23-5	Carbon Tetrachloride	<0.074	0.53	0.074	<0.012	0.084	0.012	
110-82-7	Cyclohexane	<0.15	1.1	0.15	<0.044	0.32	0.044	
78-87-5	1,2-Dichloropropane	<0.066	0.54	0.066	<0.014	0.12	0.014	
75-27-4	Bromodichloromethane	<0.077	0.54	0.077	<0.011	0.081	0.011	
79-01-6	Trichloroethene	<0.072	0.54	0.072	<0.013	0.10	0.013	
123-91-1	1,4-Dioxane	<0.063	0.54	0.063	<0.017	0.15	0.017	
80-62-6	Methyl Methacrylate	<0.19	1.1	0.19	<0.046	0.27	0.046	
142-82-5	n-Heptane	<0.085	0.54	0.085	<0.021	0.13	0.021	
10061-01-5	cis-1,3-Dichloropropene	<0.083	0.52	0.083	<0.018	0.11	0.018	
108-10-1	4-Methyl-2-pentanone	<0.073	0.53	0.073	<0.018	0.13	0.018	
10061-02-6	trans-1,3-Dichloropropene	<0.11	0.53	0.11	<0.024	0.12	0.024	
79-00-5	1,1,2-Trichloroethane	<0.054	0.54	0.054	<0.0099	0.099	0.0099	
108-88-3	Toluene	<0.065	0.54	0.065	<0.017	0.14	0.017	
591-78-6	2-Hexanone	<0.066	0.54	0.066	<0.016	0.13	0.016	
124-48-1	Dibromochloromethane	<0.070	0.54	0.070	<0.0082	0.063	0.0082	
106-93-4	1,2-Dibromoethane	<0.062	0.54	0.062	<0.0081	0.070	0.0081	
123-86-4	n-Butyl Acetate	<0.073	0.55	0.073	<0.015	0.12	0.015	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003335

Client Project ID: **Tel Hashomer / KTE-57-20-Simi** ALS Sample ID: P200626-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA

Analyst: Topacio De Leon Date Analyzed: 6/26/20

Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.12	0.54	0.12	<0.026	0.12	0.026	
127-18-4	Tetrachloroethene	<0.069	0.52	0.069	<0.010	0.077	0.010	
108-90-7	Chlorobenzene	<0.071	0.54	0.071	<0.015	0.12	0.015	
100-41-4	Ethylbenzene	<0.075	0.54	0.075	<0.017	0.12	0.017	
179601-23-1	m,p-Xylenes	<0.14	1.1	0.14	<0.032	0.25	0.032	
75-25-2	Bromoform	<0.11	0.54	0.11	<0.011	0.052	0.011	
100-42-5	Styrene	<0.086	0.53	0.086	<0.020	0.12	0.020	
95-47-6	o-Xylene	<0.077	0.54	0.077	<0.018	0.12	0.018	
111-84-2	n-Nonane	<0.089	0.54	0.089	<0.017	0.10	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	<0.074	0.54	0.074	<0.011	0.079	0.011	
98-82-8	Cumene	<0.077	0.54	0.077	<0.016	0.11	0.016	
80-56-8	alpha-Pinene	<0.082	0.54	0.082	<0.015	0.097	0.015	
103-65-1	n-Propylbenzene	<0.077	0.54	0.077	<0.016	0.11	0.016	
622-96-8	4-Ethyltoluene	<0.085	0.54	0.085	<0.017	0.11	0.017	
108-67-8	1,3,5-Trimethylbenzene	<0.077	0.53	0.077	<0.016	0.11	0.016	
95-63-6	1,2,4-Trimethylbenzene	<0.074	0.54	0.074	<0.015	0.11	0.015	
100-44-7	Benzyl Chloride	<0.12	1.1	0.12	<0.023	0.21	0.023	
541-73-1	1,3-Dichlorobenzene	<0.080	0.54	0.080	<0.013	0.090	0.013	
106-46-7	1,4-Dichlorobenzene	<0.082	0.54	0.082	<0.014	0.090	0.014	
95-50-1	1,2-Dichlorobenzene	<0.079	0.54	0.079	<0.013	0.090	0.013	
5989-27-5	d-Limonene	<0.11	0.54	0.11	<0.020	0.097	0.020	
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.53	0.10	<0.010	0.055	0.010	
120-82-1	1,2,4-Trichlorobenzene	<0.13	0.54	0.13	<0.018	0.073	0.018	
91-20-3	Naphthalene	<0.13	0.52	0.13	<0.025	0.099	0.025	
87-68-3	Hexachlorobutadiene	<0.11	0.53	0.11	<0.010	0.050	0.010	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Project ID: **Tel Hashomer / KTE-57-20-Simi** ALS Project ID: P2003335

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 6/11/20
Analyst: Topacio De Leon Date(s) Received: 6/16/20
Sample Type: 1.0 L Summa Canister(s) Date(s) Analyzed: 6/26/20
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P200626-MB	**97**	**100**	**108**	70-130	
Lab Control Sample	P200626-LCS	**98**	**100**	**110**	70-130	
SG 15	P2003335-003	**98**	**100**	**110**	70-130	
SG 94	P2003335-004	**97**	**99**	**110**	70-130	
SG 10	P2003335-005	**95**	**100**	**110**	70-130	
SG 50	P2003335-006	**96**	**100**	**110**	70-130	
SG 100	P2003335-007	**98**	**100**	**110**	70-130	
SG 73	P2003335-008	**98**	**101**	**109**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003335
Client Project ID: **Tel Hashomer / KTE-57-20-Simi** ALS Sample ID: P200626-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Topacio De Leon Date Analyzed: 6/26/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
115-07-1	Propene	210	**163**	**78**	51-133	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**162**	**77**	64-115	
74-87-3	Chloromethane	212	**157**	**74**	49-127	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	206	**154**	**75**	65-114	
75-01-4	Vinyl Chloride	212	**150**	**71**	61-129	
106-99-0	1,3-Butadiene	212	**161**	**76**	54-140	
74-83-9	Bromomethane	212	**168**	**79**	68-120	
75-00-3	Chloroethane	214	**159**	**74**	63-123	
64-17-5	Ethanol	1,060	**754**	**71**	49-134	
75-05-8	Acetonitrile	214	**168**	**79**	50-137	
107-02-8	Acrolein	206	**186**	**90**	62-128	
67-64-1	Acetone	1,070	**789**	**74**	56-125	
75-69-4	Trichlorofluoromethane (CFC 11)	212	**166**	**78**	64-115	
67-63-0	2-Propanol (Isopropyl Alcohol)	422	**316**	**75**	57-133	
107-13-1	Acrylonitrile	212	**169**	**80**	64-136	
75-35-4	1,1-Dichloroethene	214	**172**	**80**	67-115	
75-09-2	Methylene Chloride	210	**169**	**80**	68-114	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	214	**157**	**73**	55-139	
76-13-1	Trichlorotrifluoroethane (CFC 113)	216	**171**	**79**	65-115	
75-15-0	Carbon Disulfide	212	**172**	**81**	68-113	
156-60-5	trans-1,2-Dichloroethene	214	**181**	**85**	65-122	
75-34-3	1,1-Dichloroethane	212	**163**	**77**	63-118	
1634-04-4	Methyl tert-Butyl Ether	214	**174**	**81**	57-131	
108-05-4	Vinyl Acetate	1,070	**986**	**92**	71-128	
78-93-3	2-Butanone (MEK)	212	**174**	**82**	67-123	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003335
Client Project ID: **Tel Hashomer / KTE-57-20-Simi** ALS Sample ID: P200626-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Topacio De Leon Date Analyzed: 6/26/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
156-59-2	cis-1,2-Dichloroethene	212	**172**	**81**	64-120	
141-78-6	Ethyl Acetate	432	**351**	**81**	64-131	
110-54-3	n-Hexane	216	**159**	**74**	58-125	
67-66-3	Chloroform	214	**168**	**79**	65-114	
109-99-9	Tetrahydrofuran (THF)	220	**178**	**81**	65-115	
107-06-2	1,2-Dichloroethane	214	**174**	**81**	59-119	
71-55-6	1,1,1-Trichloroethane	214	**176**	**82**	66-115	
71-43-2	Benzene	210	**165**	**79**	66-109	
56-23-5	Carbon Tetrachloride	208	**175**	**84**	66-119	
110-82-7	Cyclohexane	422	**332**	**79**	67-117	
78-87-5	1,2-Dichloropropane	214	**167**	**78**	66-119	
75-27-4	Bromodichloromethane	218	**176**	**81**	71-119	
79-01-6	Trichloroethene	216	**177**	**82**	70-114	
123-91-1	1,4-Dioxane	216	**187**	**87**	71-117	
80-62-6	Methyl Methacrylate	430	**371**	**86**	76-121	
142-82-5	n-Heptane	214	**167**	**78**	66-119	
10061-01-5	cis-1,3-Dichloropropene	214	**191**	**89**	72-125	
108-10-1	4-Methyl-2-pentanone	212	**177**	**83**	68-130	
10061-02-6	trans-1,3-Dichloropropene	212	**183**	**86**	71-132	
79-00-5	1,1,2-Trichloroethane	214	**180**	**84**	70-117	
108-88-3	Toluene	212	**168**	**79**	67-113	
591-78-6	2-Hexanone	216	**188**	**87**	62-135	
124-48-1	Dibromochloromethane	214	**188**	**88**	73-126	
106-93-4	1,2-Dibromoethane	214	**189**	**88**	71-122	
123-86-4	n-Butyl Acetate	218	**192**	**88**	65-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003335
Client Project ID: **Tel Hashomer / KTE-57-20-Simi** ALS Sample ID: P200626-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Topacio De Leon Date Analyzed: 6/26/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
111-65-9	n-Octane	216	**166**	**77**	63-120	
127-18-4	Tetrachloroethene	208	**173**	**83**	64-120	
108-90-7	Chlorobenzene	214	**168**	**79**	65-116	
100-41-4	Ethylbenzene	212	**173**	**82**	65-117	
179601-23-1	m,p-Xylenes	426	**345**	**81**	64-121	
75-25-2	Bromoform	214	**200**	**93**	72-130	
100-42-5	Styrene	212	**185**	**87**	72-126	
95-47-6	o-Xylene	214	**171**	**80**	64-120	
111-84-2	n-Nonane	214	**163**	**76**	56-132	
79-34-5	1,1,2,2-Tetrachloroethane	214	**174**	**81**	66-122	
98-82-8	Cumene	214	**173**	**81**	64-121	
80-56-8	alpha-Pinene	212	**163**	**77**	62-136	
103-65-1	n-Propylbenzene	214	**175**	**82**	65-123	
622-96-8	4-Ethyltoluene	210	**175**	**83**	71-126	
108-67-8	1,3,5-Trimethylbenzene	212	**169**	**80**	65-120	
95-63-6	1,2,4-Trimethylbenzene	212	**174**	**82**	63-129	
100-44-7	Benzyl Chloride	214	**202**	**94**	66-138	
541-73-1	1,3-Dichlorobenzene	214	**182**	**85**	65-127	
106-46-7	1,4-Dichlorobenzene	214	**179**	**84**	65-125	
95-50-1	1,2-Dichlorobenzene	214	**178**	**83**	67-128	
5989-27-5	d-Limonene	212	**163**	**77**	65-136	
96-12-8	1,2-Dibromo-3-chloropropane	214	**194**	**91**	73-133	
120-82-1	1,2,4-Trichlorobenzene	216	**187**	**87**	62-140	
91-20-3	Naphthalene	212	**187**	**88**	57-149	
87-68-3	Hexachlorobutadiene	214	**173**	**81**	57-129	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Response Factor Report MS09

Method Path : I:\MS09\Methods\
Method File : R9061120.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
Last Update : Thu Jun 11 21:23:59 2020
Response Via : Initial Calibration

6/12/20

Calibration Files
0.1 =06112026.D 0.2 =06112027.D 0.5 =06112028.D 1.0 =06112029.D 5.0 =06112030.D 25 =06112
100 =06112033.D

		Compound	0.1	0.2	0.5	1.0	5.0	25	50	100	Avg	%RSD
1)	IR	Bromochloromethane...	----------ISTD----------									
2)	T	Propene	0.842	0.800	0.902	0.823	0.950	0.863	0.913	0.898	0.874	5.82
3)	T	Dichlorodifluo...	1.868	1.774	1.939	1.755	1.640	1.705	1.561	1.460	1.713	9.18
4)	T	Chloromethane	1.146	1.035	1.256	1.124	0.968	1.172	0.986	0.705	1.049	16.21
5)	T	1,2-Dichloro-1...	0.963	0.928	1.080	0.984	0.899	0.939	0.906	0.869	0.946	6.90
6)	T	Vinyl Chloride	1.038	1.018	1.222	1.118	1.063	1.113	1.064	1.021	1.082	6.28
7)	T	1,3-Butadiene	0.655	0.587	0.798	0.732	0.741	0.830	0.796	0.763	0.738	10.96
8)	T	Bromomethane	0.812	0.813	0.967	0.910	0.792	0.905	0.843	0.800	0.855	7.51
9)	T	Chloroethane	0.653	0.577	0.685	0.652	0.617	0.648	0.608	0.567	0.626	6.52
10)	T	Ethanol	0.641	0.622	0.674	0.607	0.566	0.596	0.536	0.467	0.589	11.04
11)	T	Acetonitrile	1.085	1.233	1.494	1.420	1.377	1.472	1.353	1.260	1.337	10.26
12)	T	Acrolein	0.237	0.333	0.516	0.496	0.534	0.583	0.543	0.510	0.469	25.41
13)	T	Acetone	0.709	0.689	0.717	0.674	0.620	0.630	0.553	0.470	0.633	13.49
14)	T	Trichlorofluor...	1.693	1.590	1.750	1.622	1.506	1.581	1.465	1.387	1.574	7.57
15)	T	2-Propanol (Is...	1.842	1.935	2.149	2.039	1.620	1.981	1.490	1.125	1.773	19.18
16)	T	Acrylonitrile			1.087	1.090	1.096	1.199	1.106	1.036	1.103	4.82
17)	T	1,1-Dichloroet...	0.981	0.954	1.044	0.979	0.925	0.982	0.913	0.863	0.955	5.74
18)	T	2-Methyl-2-Pro...	2.106	1.995	2.327	2.168	2.049	2.135	1.905	1.057	1.968	19.75
19)	T	Methylene Chlo...	0.921	0.937	1.064	0.977	0.949	1.007	0.924	0.863	0.955	6.38
20)	T	3-Chloro-1-pro...	1.102	1.219	1.290	1.210	1.197	1.248	1.120	1.036	1.178	7.16
21)	T	Trichlorotrifl...	0.977	0.964	1.041	0.974	0.900	0.948	0.884	0.834	0.940	6.91
22)	T	Carbon Disulfide	3.373	3.322	3.701	3.448	3.440	3.564	3.239	2.930	3.377	6.81
23)	T	trans-1,2-Dich...	0.932	1.011	1.268	1.216	1.197	1.295	1.199	1.119	1.155	10.92
24)	T	1,1-Dichloroet...	1.586	1.515	1.688	1.589	1.497	1.593	1.460	1.347	1.534	6.76
25)	T	Methyl tert-Bu...	2.584	2.492	2.914	2.688	2.532	2.713	2.538	2.394	2.607	6.18
26)	T	Vinyl Acetate	0.133	0.165	0.218	0.212	0.220	0.237	0.213	0.186	0.198	17.41
27)	T	2-Butanone (MEK)			0.596	0.590	0.612	0.670	0.623	0.579	0.612	5.29
28)	T	cis-1,2-Dichlo...	1.069	1.092	1.287	1.220	1.165	1.242	1.144	1.063	1.160	7.21
29)	T	Diisopropyl Ether	0.964	0.950	0.958	0.843	0.786	0.796	0.707	0.616	0.827	15.34
30)	T	Ethyl Acetate			0.316	0.315	0.312	0.322	0.275	0.223	0.294	13.13
31)	T	n-Hexane	1.600	1.532	1.672	1.551	1.436	1.420	1.203	0.971	1.423	16.26
32)	T	Chloroform	1.715	1.615	1.764	1.637	1.548	1.623	1.498	1.401	1.600	7.28
33)	S	1,2-Dichloroet...	1.251	1.261	1.255	1.259	1.251	1.251	1.242	1.225	1.249	0.93
34)	T	Tetrahydrofura...	0.552	0.539	0.636	0.619	0.586	0.639	0.589	0.545	0.588	6.89
35)	T	Ethyl tert-But...	1.064	1.074	1.248	1.154	1.103	1.174	1.092	1.010	1.115	6.67
36)	T	1,2-Dichloroet...	1.085	1.064	1.181	1.108	1.050	1.125	1.037	0.986	1.080	5.53
37)	IR	1,4-Difluorobenzen...	----------ISTD----------									
38)	T	1,1,1-Trichlor...	0.352	0.322	0.366	0.341	0.319	0.339	0.314	0.299	0.331	6.61
39)	T	Isopropyl Acetate	0.106	0.126	0.145	0.136	0.130	0.135	0.119	0.102	0.125	12.09
40)	T	1-Butanol			0.157	0.163	0.182	0.212	0.190	0.168	0.179	11.46
41)	T	Benzene	0.957	0.916	1.024	0.937	0.885	0.917	0.835	0.765	0.905	8.67
42)	T	Carbon Tetrach...	0.294	0.297	0.336	0.312	0.297	0.321	0.298	0.285	0.305	5.42
43)	T	Cyclohexane	0.383	0.357	0.404	0.370	0.347	0.355	0.319	0.281	0.352	10.80
44)	T	tert-Amyl Meth...	0.611	0.584	0.666	0.622	0.597	0.633	0.582	0.539	0.604	6.29
45)	T	1,2-Dichloropr...	0.223	0.204	0.234	0.220	0.205	0.218	0.199	0.182	0.211	7.75
46)	T	Bromodichlorom...	0.299	0.271	0.313	0.296	0.281	0.305	0.279	0.261	0.288	6.22
47)	T	Trichloroethene	0.280	0.260	0.294	0.273	0.256	0.273	0.255	0.239	0.266	6.45
48)	T	1,4-Dioxane	0.156	0.168	0.189	0.185	0.173	0.196	0.180	0.163	0.176	7.79
49)	T	2,2,4-Trimethy...	0.960	0.904	0.990	0.904	0.850	0.872	0.782	0.695	0.870	10.96
50)	T	Methyl Methacr...			0.089	0.090	0.090	0.101	0.093	0.085	0.091	5.93
51)	T	n-Heptane	0.244	0.220	0.252	0.232	0.216	0.228	0.208	0.190	0.224	8.85
52)	T	cis-1,3-Dichlo...	0.276	0.304	0.370	0.354	0.355	0.392	0.360	0.333	0.343	10.88
53)	T	4-Methyl-2-pen...			0.181	0.180	0.184	0.200	0.181	0.163	0.181	6.51
54)	T	trans-1,3-Dich...			0.294	0.291	0.310	0.351	0.327	0.307	0.313	7.11

55)	T	1,1,2-Trichlor...	0.210	0.213	0.248	0.232	0.219	0.238	0.219	0.204	0.223	6.73
56)	IR	Chlorobenzene-d5 (...	----------ISTD----------									
57)	S	Toluene-d8 (SS2)	2.593	2.599	2.592	2.577	2.565	2.561	2.573	2.566	2.578	0.56
58)	T	Toluene	2.529	2.275	2.557	2.325	2.173	2.241	2.057	1.867	2.253	10.18
59)	T	2-Hexanone			0.821	0.769	0.858	0.971	0.880	0.786	0.848	8.66
60)	T	Dibromochlorom...	0.577	0.581	0.645	0.622	0.627	0.681	0.641	0.607	0.623	5.53
61)	T	1,2-Dibromoethane	0.495	0.539	0.638	0.606	0.595	0.650	0.608	0.570	0.588	8.73
62)	T	n-Butyl Acetate			0.865	0.873	0.929	1.075	0.973	0.865	0.930	8.94
63)	T	n-Octane	0.427	0.407	0.465	0.436	0.406	0.424	0.381	0.337	0.410	9.38
64)	T	Tetrachloroethene	0.762	0.711	0.788	0.729	0.678	0.712	0.669	0.626	0.709	7.33
65)	T	Chlorobenzene	1.712	1.609	1.745	1.600	1.515	1.585	1.809	1.354	1.616	8.85
66)	T	Ethylbenzene	2.640	2.485	2.759	2.540	2.443	2.531	2.325	2.107	2.479	7.99
67)	T	m- & p-Xylenes	2.095	1.987	2.185	2.003	1.926	1.985	1.811	1.619	1.951	8.90
68)	T	Bromoform	0.441	0.466	0.535	0.515	0.532	0.603	0.572	0.547	0.527	10.01
69)	T	Styrene	1.491	1.315	1.615	1.558	1.573	1.681	1.549	1.413	1.524	7.63
70)	T	o-Xylene	2.046	1.987	2.181	2.010	1.924	1.969	1.805	1.622	1.943	8.63
71)	T	n-Nonane	0.903	0.861	0.957	0.884	0.859	0.866	0.759	0.645	0.842	11.49
72)	T	1,1,2,2-Tetrac...	0.958	0.884	1.020	0.949	0.917	0.954	0.865	0.765	0.914	8.41
73)	S	Bromofluoroben...	0.882	0.880	0.886	0.879	0.888	0.900	0.904	0.909	0.891	1.30
74)	T	Cumene	2.732	2.541	2.846	2.627	2.510	2.585	2.346	2.106	2.537	9.02
75)	T	alpha-Pinene	1.300	1.216	1.406	1.316	1.301	1.343	1.236	1.108	1.278	7.11
76)	T	n-Propylbenzene	3.051	2.995	3.291	3.048	2.947	3.035	2.737	2.433	2.942	8.68
77)	T	3-Ethyltoluene	2.446	2.442	2.627	2.513	2.472	2.517	2.367	2.173	2.445	5.43
78)	T	4-Ethyltoluene	2.512	2.404	2.779	2.522	2.426	2.594	2.275	1.971	2.435	9.80
79)	T	1,3,5-Trimethy...	2.311	2.194	2.432	2.224	2.103	2.168	1.979	1.793	2.150	9.16
80)	T	alpha-Methylst...	1.085	1.108	1.234	1.175	1.179	1.259	1.155	1.039	1.154	6.45
81)	T	2-Ethyltoluene	2.643	2.508	2.826	2.578	2.461	2.515	2.284	2.049	2.483	9.42
82)	T	1,2,4-Trimethy...	2.180	2.136	2.308	2.189	2.096	2.129	1.877	1.622	2.067	10.50
83)	T	n-Decane	1.022	1.005	1.147	1.066	1.037	1.021	0.880	0.725	0.988	13.09
84)	T	Benzyl Chloride	1.051	1.241	1.432	1.445	1.639	1.880	1.709	1.515	1.489	17.64
85)	T	1,3-Dichlorobe...	1.263	1.305	1.367	1.300	1.267	1.352	1.237	1.117	1.276	6.11
86)	T	1,4-Dichlorobe...	1.449	1.385	1.423	1.326	1.278	1.371	1.272	1.169	1.334	6.91
87)	T	sec-Butylbenzene	3.099	2.938	3.177	2.961	2.848	2.894	2.599	2.298	2.852	9.90
88)	T	4-Isopropyltol...	2.932	2.732	2.963	2.761	2.666	2.635	2.290	1.914	2.612	13.39
89)	T	1,2,3-Trimethy...	2.151	2.149	2.389	2.201	2.106	2.130	1.879	1.617	2.078	11.18
90)	T	1,2-Dichlorobe...	1.349	1.322	1.357	1.283	1.241	1.302	1.183	1.048	1.261	8.19
91)	T	d-Limonene	0.730	0.748	0.859	0.794	0.780	0.787	0.689	0.572	0.745	11.50
92)	T	1,2-Dibromo-3-...	0.344	0.371	0.428	0.427	0.455	0.516	0.485	0.462	0.436	13.02
93)	T	n-Undecane	1.072	1.013	1.107	1.055	1.055	1.064	0.934	0.793	1.012	10.11
94)	T	1,2,4-Trichlor...	0.848	0.910	0.832	0.860	0.910	1.047	0.976	0.907	0.911	7.81
95)	T	Naphthalene	2.376	2.668	2.387	2.463	2.729	3.141	2.889	2.583	2.655	9.95
96)	T	n-Dodecane	0.945	1.028	0.986	1.004	1.035	1.035	0.905	0.763	0.963	9.65
97)	T	Hexachlorobuta...	0.700	0.681	0.667	0.636	0.609	0.648	0.606	0.570	0.640	6.75
98)	T	Cyclohexanone	0.558	0.635	0.667	0.644	0.660	0.742	0.679	0.618	0.651	8.14
99)	T	tert-Butylbenzene	2.264	2.157	2.395	2.223	2.111	2.104	1.848	1.587	2.086	12.25
100)	T	n-Butylbenzene	2.139	2.147	2.361	2.228	2.185	2.269	2.026	1.792	2.143	8.08

(#) = Out of Range

R9061120.M Fri Jun 12 13:28:49 2020

Evaluate Continuing Calibration Report

Data File : I:\MS09\Data\2020 06\26\06262019.D Vial: 2
Acq On : 26 Jun 2020 10:41 Operator: TD TD 6/26/20
Sample : CCV R9062620 25ng Inst : MS09
Misc : S34-05292009/S34-06192002 (7/18)

Quant Time: Jun 26 11:09:58 2020
Quant Method : I:\MS09\Methods\R9061120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Jun 11 21:23:59 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	106	-0.02
2	T	Propene	0.874	0.670	23.3	82	0.00
3	T	Dichlorodifluoromethane (CF	1.713	1.433	16.3	89	0.00
4	T	Chloromethane	1.049	0.905	13.7	82	0.00
5	T	1,2-Dichloro-1,1,2,2-tetraf	0.946	0.782	17.3	88	0.00
6	T	Vinyl Chloride	1.082	0.846	21.8	80	0.00
7	T	1,3-Butadiene	0.738	0.613	16.9	78	-0.01
8	T	Bromomethane	0.855	0.756	11.6	88	-0.01
9	T	Chloroethane	0.626	0.522	16.6	85	-0.01
10	T	Ethanol	0.589	0.471	20.0	84	-0.05
11	T	Acetonitrile	1.337	1.156	13.5	83	-0.03
12	T	Acrolein	0.469	0.469	0.0	85	-0.02
13	T	Acetone	0.633	0.508	19.7	85	-0.03
14	T	Trichlorofluoromethane	1.574	1.354	14.0	91	0.00
15	T	2-Propanol (Isopropanol)	1.773	1.588	10.4	85	-0.04
16	T	Acrylonitrile	1.103	0.968	12.2	85	-0.03
17	T	1,1-Dichloroethene	0.955	0.830	13.1	89	-0.01
18	T	2-Methyl-2-Propanol (tert-B	1.968	1.760	10.6	87	-0.03
19	T	Methylene Chloride	0.955	0.838	12.3	88	-0.02
20	T	3-Chloro-1-propene (Allyl C	1.178	0.978	17.0	83	-0.02
21	T	Trichlorotrifluoroethane	0.940	0.822	12.6	92	-0.01
22	T	Carbon Disulfide	3.377	2.965	12.2	88	-0.01
23	T	trans-1,2-Dichloroethene	1.155	1.059	8.3	86	-0.01
24	T	1,1-Dichloroethane	1.534	1.291	15.8	86	-0.02
25	T	Methyl tert-Butyl Ether	2.607	2.274	12.8	89	0.00
26	T	Vinyl Acetate	0.198	0.198	0.0	88	-0.02
27	T	2-Butanone (MEK)	0.612	0.552	9.8	87	-0.02
28	T	cis-1,2-Dichloroethene	1.160	1.018	12.2	87	-0.01
29	T	Diisopropyl Ether	0.827	0.660	20.2	88	-0.01
30	T	Ethyl Acetate	0.294	0.257	12.6	84	-0.02
31	T	n-Hexane	1.423	1.126	20.9	84	0.00
32	T	Chloroform	1.600	1.365	14.7	89	-0.02
33	S	1,2-Dichloroethane-d4(SS1)	1.249	1.231	1.4	104	-0.02
34	T	Tetrahydrofuran (THF)	0.588	0.522	11.2	86	-0.01
35	T	Ethyl tert-Butyl Ether	1.115	0.978	12.3	88	0.00
36	T	1,2-Dichloroethane	1.080	0.952	11.9	89	-0.01
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	104	-0.01
38	T	1,1,1-Trichloroethane	0.331	0.292	11.8	90	0.00
39	T	Isopropyl Acetate	0.125	0.108	13.6	84	-0.01
40	T	1-Butanol	0.179	0.172	3.9	85	-0.03
41	T	Benzene	0.905	0.773	14.6	88	-0.01
42	T	Carbon Tetrachloride	0.305	0.278	8.9	90	-0.01
43	T	Cyclohexane	0.352	0.297	15.6	87	0.00
44	T	tert-Amyl Methyl Ether	0.604	0.523	13.4	86	0.00
45	T	1,2-Dichloropropane	0.211	0.178	15.6	85	-0.01
46	T	Bromodichloromethane	0.288	0.259	10.1	88	-0.01
47	T	Trichloroethene	0.266	0.240	9.8	91	-0.01
48	T	1,4-Dioxane	0.176	0.164	6.8	87	0.00
49	T	2,2,4-Trimethylpentane (Iso	0.870	0.705	19.0	84	0.00
50	T	Methyl Methacrylate	0.091	0.086	5.5	89	-0.01
51	T	n-Heptane	0.224	0.188	16.1	86	0.00
52	T	cis-1,3-Dichloropropene	0.343	0.327	4.7	87	0.00
53	T	4-Methyl-2-pentanone	0.181	0.162	10.5	84	-0.01
54	T	trans-1,3-Dichloropropene	0.313	0.297	5.1	88	0.00
55	T	1,1,2-Trichloroethane	0.223	0.204	8.5	89	0.00

Evaluate Continuing Calibration Report

Data File : I:\MS09\Data\2020 06\26\06262019.D Vial: 2
Acq On : 26 Jun 2020 10:41 Operator: TD
Sample : CCV R9062620 25ng Inst : MS09
Misc : S34-05292009/S34-06192002 (7/18)

Quant Time: Jun 26 11:09:58 2020
Quant Method : I:\MS09\Methods\R9061120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Jun 11 21:23:59 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
56	IR	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	103	0.00
57	S	Toluene-d8 (SS2)	2.578	2.556	0.9	103	0.00
58	T	Toluene	2.253	1.910	15.2	88	-0.01
59	T	2-Hexanone	0.848	0.791	6.7	84	-0.01
60	T	Dibromochloromethane	0.623	0.594	4.7	90	0.00
61	T	1,2-Dibromoethane	0.588	0.565	3.9	90	0.00
62	T	n-Butyl Acetate	0.930	0.872	6.2	84	0.00
63	T	n-Octane	0.410	0.344	16.1	84	0.00
64	T	Tetrachloroethene	0.709	0.642	9.4	93	0.00
65	T	Chlorobenzene	1.616	1.385	14.3	90	0.00
66	T	Ethylbenzene	2.479	2.174	12.3	89	0.00
67	T	m- & p-Xylenes	1.951	1.705	12.6	89	-0.01
68	T	Bromoform	0.527	0.537	-1.9	92	0.00
69	T	Styrene	1.524	1.455	4.5	90	0.00
70	T	o-Xylene	1.943	1.691	13.0	89	-0.01
71	T	n-Nonane	0.842	0.700	16.9	84	0.00
72	T	1,1,2,2-Tetrachloroethane	0.914	0.806	11.8	87	0.00
73	S	Bromofluorobenzene (SS3)	0.891	0.978	-9.8	112	0.00
74	T	Cumene	2.537	2.222	12.4	89	0.00
75	T	alpha-Pinene	1.278	1.090	14.7	84	0.00
76	T	n-Propylbenzene	2.942	2.603	11.5	89	0.00
77	T	3-Ethyltoluene	2.445	2.274	7.0	93	0.00
78	T	4-Ethyltoluene	2.435	2.118	13.0	84	0.00
79	T	1,3,5-Trimethylbenzene	2.150	1.867	13.2	89	0.00
80	T	alpha-Methylstyrene	1.154	1.081	6.3	89	0.00
81	T	2-Ethyltoluene	2.483	2.163	12.9	89	0.00
82	T	1,2,4-Trimethylbenzene	2.067	1.829	11.5	89	-0.01
83	T	n-Decane	0.988	0.834	15.6	85	0.00
84	T	Benzyl Chloride	1.489	1.592	-6.9	88	-0.01
85	T	1,3-Dichlorobenzene	1.276	1.209	5.3	93	-0.01
86	T	1,4-Dichlorobenzene	1.334	1.232	7.6	93	0.00
87	T	sec-Butylbenzene	2.852	2.506	12.1	90	0.00
88	T	4-Isopropyltoluene (p-Cymen	2.612	2.312	11.5	91	0.00
89	T	1,2,3-Trimethylbenzene	2.078	1.846	11.2	90	0.00
90	T	1,2-Dichlorobenzene	1.261	1.166	7.5	93	0.00
91	T	d-Limonene	0.745	0.636	14.6	84	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.436	0.470	-7.8	94	0.00
93	T	n-Undecane	1.012	0.900	11.1	87	0.00
94	T	1,2,4-Trichlorobenzene	0.911	0.989	-8.6	98	0.00
95	T	Naphthalene	2.655	2.966	-11.7	98	0.00
96	T	n-Dodecane	0.963	0.931	3.3	93	0.00
97	T	Hexachlorobutadiene	0.640	0.604	5.6	96	0.00
98	T	Cyclohexanone	0.651	0.592	9.1	83	-0.01
99	T	tert-Butylbenzene	2.086	1.834	12.1	90	0.00
100	T	n-Butylbenzene	2.143	1.965	8.3	90	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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LABORATORY REPORT

July 20, 2020

Eyal Shvartz
Dr. Katz Technologies & Enterprises (KTE)
HaMeginim Ave. 53
Haifa, ISR-HA 33265

RE: Tel Hashomer / KTE-69-20-Simi

Dear Eyal:

Enclosed are the results of the samples submitted to our laboratory on July 6, 2020. For your reference, these analyses have been assigned our service request number P2003738.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Sue Anderson at 1:23 pm, Jul 20, 2020

Sue Anderson
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request No: P2003738
Project: Tel Hashomer / KTE-69-20-Simi

CASE NARRATIVE

The samples were received intact under chain of custody on July 6, 2020 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.1 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-007
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request: P2003738

Project ID: Tel Hashomer / KTE-69-20-Simi

Date Received: 7/6/2020

Time Received: 09:00

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	TO-15 - VOC Cans
SG-27	P2003738-001	Air	6/30/2020	10:04	1SS00011	-3.26	6.18	X
SG 121	P2003738-002	Air	6/30/2020	11:24	1SC00534	-3.09	6.54	X
SG 120	P2003738-003	Air	6/30/2020	11:43	1SC00139	-2.51	5.69	X
SG-51	P2003738-004	Air	6/30/2020	12:33	1SC01068	-3.59	6.41	X
SG-12	P2003738-005	Air	6/30/2020	13:17	1SC00947	-3.02	7.05	X
AB	P2003738-006	Air	6/30/2020	13:41	1SC00608	-0.54	6.29	X

Air - Chain of Custody Record & Analytical Service Request

Page ____ of ____

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526 7161

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No. P2003738

ALS Contact:

Company Name & Address (Reporting Information)

Project Name: Ecolog TSN, Tel Hughes

Project Number: KTE-69-20-Simi

Project Manager

P.O. # / Billing Information

Phone | Fax

Email Address for Result Reporting

Sampler (Print & Sign) Dudley Segal

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # AC, SC, etc.)	Flow Controller ID (Bar code # FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: TO-15		Comments e.g. Actual Preservative or specific instructions
SG-27	1	3/6/20	10:04	[illegible]	[illegible]	-29	-5	1L	✓		
SG-101	2	3/6/20	11:04	[illegible]	[illegible]	-30	-5	1L	✓		
SG-100	3	3/6/20	11:43	[illegible]	[illegible]	-28	-5	1L	✓		
SG-97	4	3/6/20	12:32	[illegible]	[illegible]	-30	-5	1L	✓		
SG-42	6	3/6/20	13:17	[illegible]	[illegible]	-30	-5	1L	✓		
AB	5	3/6/20	13:44	[illegible]	[illegible]	-30	-5	1L	✓		

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ✓
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) 10% Surcharge ____

EDD required Yes / No
Type: ____ Units: ____

Chain of Custody Seal: (Circle)
INTACT BROKEN ABSENT

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Gyal Beato	3/6/20				
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature) [signature]	3-6-20	0700

Cooler / Blank
Temperature ____ °C

ALS Environmental

Sample Acceptance Check Form

Client: Dr. Katz Technologies & Enterprises (KTE) Work order: P2003738

Project: Tel Hashomer / KTE-69-20-Simi

Sample(s) received on: 7/6/20 Date opened: 7/6/20 by: ADAVID

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☐
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2003738-001.01	1.0 L Source Silonite Canister					
P2003738-002.01	1.0 L Source Can					
P2003738-003.01	1.0 L Source Can					
P2003738-004.01	1.0 L Source Can					
P2003738-005.01	1.0 L Source Can					
P2003738-006.01	1.0 L Source Can					

Explain any discrepancies: (include lab sample ID numbers): _____

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-27** ALS Project ID: P2003738
Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P2003738-001

Test Code: EPA TO-15 Date Collected: 6/30/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Simon Cao Date Analyzed: 7/14/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00011

Initial Pressure (psig): -3.26 Final Pressure (psig): 6.18

Canister Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**0.66**	2.4	0.59	**0.39**	1.4	0.35	**J**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	2.4	0.40	**0.43**	0.49	0.081	**J**
74-87-3	Chloromethane	<0.39	2.4	0.39	<0.19	1.2	0.19	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.38	2.4	0.38	<0.055	0.35	0.055	
75-01-4	Vinyl Chloride	<0.26	2.5	0.26	<0.10	0.97	0.10	
106-99-0	1,3-Butadiene	<0.40	2.4	0.40	<0.18	1.1	0.18	
74-83-9	Bromomethane	<0.34	2.5	0.34	<0.087	0.64	0.087	
75-00-3	Chloroethane	<0.30	2.5	0.30	<0.11	0.94	0.11	
64-17-5	Ethanol	**15**	24	1.7	**7.8**	13	0.90	**J**
75-05-8	Acetonitrile	<0.59	2.4	0.59	<0.35	1.4	0.35	
67-64-1	Acetone	**7.8**	24	5.5	**3.3**	10	2.3	**J**
75-69-4	Trichlorofluoromethane (CFC 11)	**1.5**	2.4	0.37	**0.26**	0.43	0.066	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	<1.0	9.6	1.0	<0.41	3.9	0.41	
107-13-1	Acrylonitrile	<0.50	2.4	0.50	<0.23	1.1	0.23	
75-35-4	1,1-Dichloroethene	<0.34	2.5	0.34	<0.085	0.62	0.085	
75-09-2	Methylene Chloride	<0.69	2.4	0.69	<0.20	0.70	0.20	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.33	2.5	0.33	<0.11	0.79	0.11	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.48**	2.5	0.35	**0.063**	0.32	0.045	**J**
75-15-0	Carbon Disulfide	**0.74**	5.0	0.73	**0.24**	1.6	0.24	**J**
156-60-5	trans-1,2-Dichloroethene	<0.34	2.5	0.34	<0.085	0.62	0.085	
75-34-3	1,1-Dichloroethane	<0.36	2.5	0.36	<0.088	0.62	0.088	
1634-04-4	Methyl tert-Butyl Ether	<0.29	2.5	0.29	<0.080	0.69	0.080	
108-05-4	Vinyl Acetate	<5.5	25	5.5	<1.6	7.0	1.6	
78-93-3	2-Butanone (MEK)	<0.50	5.0	0.50	<0.17	1.7	0.17	
156-59-2	cis-1,2-Dichloroethene	<0.34	2.4	0.34	<0.087	0.61	0.087	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-27** ALS Project ID: P2003738
Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P2003738-001

Test Code: EPA TO-15 Date Collected: 6/30/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Simon Cao Date Analyzed: 7/14/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00011

Initial Pressure (psig): -3.26 Final Pressure (psig): 6.18

Canister Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
141-78-6	Ethyl Acetate	<1.3	5.0	1.3	<0.36	1.4	0.36	
110-54-3	n-Hexane	<0.50	2.5	0.50	<0.14	0.70	0.14	
67-66-3	Chloroform	**0.53**	2.5	0.32	**0.11**	0.51	0.067	**J**
109-99-9	Tetrahydrofuran (THF)	<0.31	2.5	0.31	<0.10	0.85	0.10	
107-06-2	1,2-Dichloroethane	<0.27	2.5	0.27	<0.067	0.61	0.067	
71-55-6	1,1,1-Trichloroethane	<0.30	2.5	0.30	<0.055	0.45	0.055	
71-43-2	Benzene	<0.35	2.4	0.35	<0.11	0.76	0.11	
56-23-5	Carbon Tetrachloride	<0.34	2.4	0.34	<0.054	0.39	0.054	
110-82-7	Cyclohexane	<0.69	5.0	0.69	<0.20	1.5	0.20	
78-87-5	1,2-Dichloropropane	<0.30	2.5	0.30	<0.065	0.53	0.065	
75-27-4	Bromodichloromethane	<0.35	2.5	0.35	<0.053	0.37	0.053	
79-01-6	Trichloroethene	<0.33	2.5	0.33	<0.061	0.46	0.061	
123-91-1	1,4-Dioxane	<0.29	2.5	0.29	<0.080	0.69	0.080	
80-62-6	Methyl Methacrylate	<0.87	5.0	0.87	<0.21	1.2	0.21	
142-82-5	n-Heptane	<0.39	2.5	0.39	<0.095	0.60	0.095	
10061-01-5	cis-1,3-Dichloropropene	<0.38	2.4	0.38	<0.084	0.52	0.084	
108-10-1	4-Methyl-2-pentanone	**0.46**	2.4	0.33	**0.11**	0.59	0.082	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.50	2.4	0.50	<0.11	0.53	0.11	
79-00-5	1,1,2-Trichloroethane	<0.25	2.5	0.25	<0.045	0.45	0.045	
108-88-3	Toluene	**1.1**	2.5	0.30	**0.29**	0.66	0.079	**J**
591-78-6	2-Hexanone	**0.45**	2.5	0.30	**0.11**	0.60	0.074	**J**
124-48-1	Dibromochloromethane	<0.32	2.5	0.32	<0.038	0.29	0.038	
106-93-4	1,2-Dibromoethane	<0.28	2.5	0.28	<0.037	0.32	0.037	
123-86-4	n-Butyl Acetate	<0.33	2.5	0.33	<0.070	0.53	0.070	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-27** ALS Project ID: P2003738
Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P2003738-001

Test Code: EPA TO-15 Date Collected: 6/30/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Simon Cao Date Analyzed: 7/14/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00011

Initial Pressure (psig): -3.26 Final Pressure (psig): 6.18

Canister Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.55	2.5	0.55	<0.12	0.53	0.12	
127-18-4	Tetrachloroethene	**1.4**	2.4	0.32	**0.21**	0.35	0.047	**J**
108-90-7	Chlorobenzene	<0.32	2.5	0.32	<0.071	0.54	0.071	
100-41-4	Ethylbenzene	**0.52**	2.5	0.34	**0.12**	0.57	0.079	**J**
179601-23-1	m,p-Xylenes	**1.9**	5.0	0.64	**0.43**	1.2	0.15	**J**
75-25-2	Bromoform	<0.50	2.5	0.50	<0.049	0.24	0.049	
100-42-5	Styrene	**0.51**	2.4	0.39	**0.12**	0.57	0.092	**J**
95-47-6	o-Xylene	**0.84**	2.5	0.35	**0.19**	0.57	0.081	**J**
111-84-2	n-Nonane	<0.41	2.5	0.41	<0.078	0.47	0.078	
79-34-5	1,1,2,2-Tetrachloroethane	<0.34	2.5	0.34	<0.049	0.36	0.049	
98-82-8	Cumene	<0.35	2.5	0.35	<0.072	0.50	0.072	
80-56-8	alpha-Pinene	<0.38	2.5	0.38	<0.067	0.44	0.067	
103-65-1	n-Propylbenzene	<0.35	2.5	0.35	<0.072	0.50	0.072	
622-96-8	4-Ethyltoluene	<0.39	2.5	0.39	<0.079	0.50	0.079	
108-67-8	1,3,5-Trimethylbenzene	<0.35	2.4	0.35	<0.072	0.49	0.072	
95-63-6	1,2,4-Trimethylbenzene	**1.1**	2.5	0.34	**0.23**	0.50	0.069	**J**
100-44-7	Benzyl Chloride	<0.55	5.0	0.55	<0.11	0.97	0.11	
541-73-1	1,3-Dichlorobenzene	<0.37	2.5	0.37	<0.061	0.41	0.061	
106-46-7	1,4-Dichlorobenzene	<0.38	2.5	0.38	<0.062	0.41	0.062	
95-50-1	1,2-Dichlorobenzene	<0.36	2.5	0.36	<0.060	0.41	0.060	
5989-27-5	d-Limonene	**3.3**	2.5	0.50	**0.60**	0.44	0.090	
96-12-8	1,2-Dibromo-3-chloropropane	<0.46	2.4	0.46	<0.047	0.25	0.047	
120-82-1	1,2,4-Trichlorobenzene	<0.59	2.5	0.59	<0.080	0.33	0.080	
91-20-3	Naphthalene	<0.59	2.4	0.59	<0.11	0.45	0.11	
87-68-3	Hexachlorobutadiene	<0.50	2.4	0.50	<0.047	0.23	0.047	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 121** ALS Project ID: P2003738
Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P2003738-002

Test Code: EPA TO-15 Date Collected: 6/30/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Simon Cao Date Analyzed: 7/14 - 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00534

Initial Pressure (psig): -3.09 Final Pressure (psig): 6.54

Canister Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**6.5**	2.4	0.59	**3.8**	1.4	0.35	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	2.4	0.40	**0.43**	0.49	0.081	**J**
74-87-3	Chloromethane	**0.67**	2.4	0.39	**0.32**	1.2	0.19	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.38	2.4	0.38	<0.055	0.35	0.055	
75-01-4	Vinyl Chloride	<0.26	2.5	0.26	<0.10	0.97	0.10	
106-99-0	1,3-Butadiene	<0.40	2.4	0.40	<0.18	1.1	0.18	
74-83-9	Bromomethane	<0.34	2.5	0.34	<0.087	0.64	0.087	
75-00-3	Chloroethane	<0.30	2.5	0.30	<0.11	0.94	0.11	
64-17-5	Ethanol	**8,700**	240	17	**4,600**	130	9.0	**D**
75-05-8	Acetonitrile	<0.59	2.4	0.59	<0.35	1.4	0.35	
67-64-1	Acetone	**31**	24	5.5	**13**	10	2.3	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.4**	2.4	0.37	**0.25**	0.43	0.066	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**22**	9.6	1.0	**9.1**	3.9	0.41	
107-13-1	Acrylonitrile	<0.50	2.4	0.50	<0.23	1.1	0.23	
75-35-4	1,1-Dichloroethene	<0.34	2.5	0.34	<0.085	0.62	0.085	
75-09-2	Methylene Chloride	<0.69	2.4	0.69	<0.20	0.70	0.20	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.33	2.5	0.33	<0.11	0.79	0.11	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.48**	2.5	0.35	**0.062**	0.32	0.045	**J**
75-15-0	Carbon Disulfide	**16**	5.0	0.73	**5.2**	1.6	0.24	
156-60-5	trans-1,2-Dichloroethene	<0.34	2.5	0.34	<0.085	0.62	0.085	
75-34-3	1,1-Dichloroethane	<0.36	2.5	0.36	<0.088	0.62	0.088	
1634-04-4	Methyl tert-Butyl Ether	<0.29	2.5	0.29	<0.080	0.69	0.080	
108-05-4	Vinyl Acetate	**10**	25	5.5	**3.0**	7.0	1.6	**J**
78-93-3	2-Butanone (MEK)	**9.5**	5.0	0.50	**3.2**	1.7	0.17	
156-59-2	cis-1,2-Dichloroethene	<0.34	2.4	0.34	<0.087	0.61	0.087	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 121** ALS Project ID: P2003738
Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P2003738-002

Test Code: EPA TO-15 Date Collected: 6/30/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Simon Cao Date Analyzed: 7/14 - 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00534

Initial Pressure (psig): -3.09 Final Pressure (psig): 6.54

Canister Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
141-78-6	Ethyl Acetate	**14**	5.0	1.3	**3.8**	1.4	0.36	
110-54-3	n-Hexane	<0.50	2.5	0.50	<0.14	0.70	0.14	
67-66-3	Chloroform	**1.9**	2.5	0.32	**0.38**	0.51	0.067	**J**
109-99-9	Tetrahydrofuran (THF)	**0.43**	2.5	0.31	**0.14**	0.85	0.10	**J**
107-06-2	1,2-Dichloroethane	<0.27	2.5	0.27	<0.067	0.61	0.067	
71-55-6	1,1,1-Trichloroethane	<0.30	2.5	0.30	<0.055	0.45	0.055	
71-43-2	Benzene	<0.35	2.4	0.35	<0.11	0.76	0.11	
56-23-5	Carbon Tetrachloride	**2.9**	2.4	0.34	**0.45**	0.39	0.054	
110-82-7	Cyclohexane	<0.69	5.0	0.69	<0.20	1.5	0.20	
78-87-5	1,2-Dichloropropane	<0.30	2.5	0.30	<0.065	0.53	0.065	
75-27-4	Bromodichloromethane	<0.35	2.5	0.35	<0.053	0.37	0.053	
79-01-6	Trichloroethene	**0.63**	2.5	0.33	**0.12**	0.46	0.061	**J**
123-91-1	1,4-Dioxane	**2.6**	2.5	0.29	**0.74**	0.69	0.080	
80-62-6	Methyl Methacrylate	<0.87	5.0	0.87	<0.21	1.2	0.21	
142-82-5	n-Heptane	<0.39	2.5	0.39	<0.095	0.60	0.095	
10061-01-5	cis-1,3-Dichloropropene	<0.38	2.4	0.38	<0.084	0.52	0.084	
108-10-1	4-Methyl-2-pentanone	**0.82**	2.4	0.33	**0.20**	0.59	0.082	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.50	2.4	0.50	<0.11	0.53	0.11	
79-00-5	1,1,2-Trichloroethane	<0.25	2.5	0.25	<0.045	0.45	0.045	
108-88-3	Toluene	**2.1**	2.5	0.30	**0.56**	0.66	0.079	**J**
591-78-6	2-Hexanone	**2.8**	2.5	0.30	**0.68**	0.60	0.074	
124-48-1	Dibromochloromethane	<0.32	2.5	0.32	<0.038	0.29	0.038	
106-93-4	1,2-Dibromoethane	<0.28	2.5	0.28	<0.037	0.32	0.037	
123-86-4	n-Butyl Acetate	**0.58**	2.5	0.33	**0.12**	0.53	0.070	**J**

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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 121** ALS Project ID: P2003738
Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P2003738-002

Test Code: EPA TO-15 Date Collected: 6/30/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Simon Cao Date Analyzed: 7/14 - 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00534

Initial Pressure (psig): -3.09 Final Pressure (psig): 6.54

Canister Dilution Factor: 1.83

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**1.6**	2.5	0.55	**0.33**	0.53	0.12	**J**
127-18-4	Tetrachloroethene	**640**	24	3.2	**94**	3.5	0.47	**D**
108-90-7	Chlorobenzene	<0.32	2.5	0.32	<0.071	0.54	0.071	
100-41-4	Ethylbenzene	**0.61**	2.5	0.34	**0.14**	0.57	0.079	**J**
179601-23-1	m,p-Xylenes	**2.1**	5.0	0.64	**0.49**	1.2	0.15	**J**
75-25-2	Bromoform	<0.50	2.5	0.50	<0.049	0.24	0.049	
100-42-5	Styrene	**0.62**	2.4	0.39	**0.15**	0.57	0.092	**J**
95-47-6	o-Xylene	**0.95**	2.5	0.35	**0.22**	0.57	0.081	**J**
111-84-2	n-Nonane	**0.64**	2.5	0.41	**0.12**	0.47	0.078	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.34	2.5	0.34	<0.049	0.36	0.049	
98-82-8	Cumene	<0.35	2.5	0.35	<0.072	0.50	0.072	
80-56-8	alpha-Pinene	**0.39**	2.5	0.38	**0.071**	0.44	0.067	**J**
103-65-1	n-Propylbenzene	<0.35	2.5	0.35	<0.072	0.50	0.072	
622-96-8	4-Ethyltoluene	**0.39**	2.5	0.39	**0.079**	0.50	0.079	**J**
108-67-8	1,3,5-Trimethylbenzene	<0.35	2.4	0.35	<0.072	0.49	0.072	
95-63-6	1,2,4-Trimethylbenzene	**1.4**	2.5	0.34	**0.28**	0.50	0.069	**J**
100-44-7	Benzyl Chloride	<0.55	5.0	0.55	<0.11	0.97	0.11	
541-73-1	1,3-Dichlorobenzene	<0.37	2.5	0.37	<0.061	0.41	0.061	
106-46-7	1,4-Dichlorobenzene	<0.38	2.5	0.38	<0.062	0.41	0.062	
95-50-1	1,2-Dichlorobenzene	<0.36	2.5	0.36	<0.060	0.41	0.060	
5989-27-5	d-Limonene	**3.4**	2.5	0.50	**0.61**	0.44	0.090	
96-12-8	1,2-Dibromo-3-chloropropane	<0.46	2.4	0.46	<0.047	0.25	0.047	
120-82-1	1,2,4-Trichlorobenzene	<0.59	2.5	0.59	<0.080	0.33	0.080	
91-20-3	Naphthalene	<0.59	2.4	0.59	<0.11	0.45	0.11	
87-68-3	Hexachlorobutadiene	<0.50	2.4	0.50	<0.047	0.23	0.047	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 120** ALS Project ID: P2003738
Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P2003738-003

Test Code: EPA TO-15 Date Collected: 6/30/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Simon Cao Date Analyzed: 7/14 - 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00139

Initial Pressure (psig): -2.51 Final Pressure (psig): 5.69

Canister Dilution Factor: 1.67

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**110**	2.2	0.54	**62**	1.3	0.32	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.2**	2.2	0.36	**0.45**	0.45	0.073	**J**
74-87-3	Chloromethane	**0.46**	2.2	0.36	**0.22**	1.1	0.17	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.35	2.2	0.35	<0.050	0.32	0.050	
75-01-4	Vinyl Chloride	<0.24	2.3	0.24	<0.093	0.88	0.093	
106-99-0	1,3-Butadiene	<0.37	2.2	0.37	<0.17	1.0	0.17	
74-83-9	Bromomethane	**0.40**	2.3	0.31	**0.10**	0.58	0.080	**J**
75-00-3	Chloroethane	<0.28	2.3	0.28	<0.10	0.85	0.10	
64-17-5	Ethanol	**250**	22	1.5	**130**	12	0.82	
75-05-8	Acetonitrile	**1.3**	2.2	0.54	**0.80**	1.3	0.32	**J**
67-64-1	Acetone	**34**	22	5.0	**14**	9.3	2.1	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.6**	2.2	0.34	**0.28**	0.39	0.060	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**280**	8.8	0.92	**110**	3.6	0.37	
107-13-1	Acrylonitrile	<0.46	2.2	0.46	<0.21	1.0	0.21	
75-35-4	1,1-Dichloroethene	<0.31	2.3	0.31	<0.078	0.57	0.078	
75-09-2	Methylene Chloride	<0.63	2.2	0.63	<0.18	0.64	0.18	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.30	2.3	0.30	<0.096	0.72	0.096	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.50**	2.3	0.32	**0.065**	0.29	0.041	**J**
75-15-0	Carbon Disulfide	**1.1**	4.6	0.67	**0.34**	1.5	0.21	**J**
156-60-5	trans-1,2-Dichloroethene	<0.31	2.3	0.31	<0.078	0.57	0.078	
75-34-3	1,1-Dichloroethane	<0.33	2.3	0.33	<0.080	0.57	0.080	
1634-04-4	Methyl tert-Butyl Ether	<0.26	2.3	0.26	<0.073	0.63	0.073	
108-05-4	Vinyl Acetate	**13**	23	5.0	**3.7**	6.4	1.4	**J**
78-93-3	2-Butanone (MEK)	**5.0**	4.6	0.46	**1.7**	1.6	0.16	
156-59-2	cis-1,2-Dichloroethene	<0.31	2.2	0.31	<0.079	0.56	0.079	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 120** ALS Project ID: P2003738
Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P2003738-003

Test Code: EPA TO-15 Date Collected: 6/30/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Simon Cao Date Analyzed: 7/14 - 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00139

Initial Pressure (psig): -2.51 Final Pressure (psig): 5.69

Canister Dilution Factor: 1.67

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
141-78-6	Ethyl Acetate	<1.2	4.6	1.2	<0.32	1.3	0.32	
110-54-3	n-Hexane	<0.46	2.3	0.46	<0.13	0.64	0.13	
67-66-3	Chloroform	**0.93**	2.3	0.30	**0.19**	0.46	0.061	**J**
109-99-9	Tetrahydrofuran (THF)	**0.52**	2.3	0.28	**0.18**	0.78	0.095	**J**
107-06-2	1,2-Dichloroethane	<0.25	2.3	0.25	<0.061	0.56	0.061	
71-55-6	1,1,1-Trichloroethane	<0.28	2.3	0.28	<0.051	0.41	0.051	
71-43-2	Benzene	<0.32	2.2	0.32	<0.10	0.69	0.10	
56-23-5	Carbon Tetrachloride	**3.9**	2.2	0.31	**0.63**	0.35	0.049	
110-82-7	Cyclohexane	<0.63	4.6	0.63	<0.18	1.3	0.18	
78-87-5	1,2-Dichloropropane	<0.28	2.3	0.28	<0.060	0.49	0.060	
75-27-4	Bromodichloromethane	<0.32	2.3	0.32	<0.048	0.34	0.048	
79-01-6	Trichloroethene	**0.44**	2.3	0.30	**0.082**	0.42	0.056	**J**
123-91-1	1,4-Dioxane	**0.35**	2.3	0.26	**0.096**	0.63	0.073	**J**
80-62-6	Methyl Methacrylate	<0.79	4.6	0.79	<0.19	1.1	0.19	
142-82-5	n-Heptane	<0.35	2.3	0.35	<0.087	0.55	0.087	
10061-01-5	cis-1,3-Dichloropropene	<0.35	2.2	0.35	<0.076	0.48	0.076	
108-10-1	4-Methyl-2-pentanone	**1.1**	2.2	0.30	**0.28**	0.54	0.074	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.46	2.2	0.46	<0.10	0.49	0.10	
79-00-5	1,1,2-Trichloroethane	<0.23	2.3	0.23	<0.041	0.41	0.041	
108-88-3	Toluene	**2.4**	2.3	0.27	**0.63**	0.60	0.072	
591-78-6	2-Hexanone	**1.6**	2.3	0.28	**0.38**	0.55	0.067	**J**
124-48-1	Dibromochloromethane	<0.29	2.3	0.29	<0.034	0.26	0.034	
106-93-4	1,2-Dibromoethane	<0.26	2.3	0.26	<0.034	0.29	0.034	
123-86-4	n-Butyl Acetate	<0.30	2.3	0.30	<0.064	0.48	0.064	

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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG 120** ALS Project ID: P2003738
Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P2003738-003

Test Code: EPA TO-15 Date Collected: 6/30/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Simon Cao Date Analyzed: 7/14 - 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00139

Initial Pressure (psig): -2.51 Final Pressure (psig): 5.69

Canister Dilution Factor: 1.67

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.50	2.3	0.50	<0.11	0.48	0.11	
127-18-4	Tetrachloroethene	**500**	22	2.9	**73**	3.2	0.42	**D**
108-90-7	Chlorobenzene	<0.30	2.3	0.30	<0.064	0.49	0.064	
100-41-4	Ethylbenzene	**0.89**	2.3	0.31	**0.21**	0.52	0.072	**J**
179601-23-1	m,p-Xylenes	**3.0**	4.6	0.58	**0.69**	1.1	0.13	**J**
75-25-2	Bromoform	<0.46	2.3	0.46	<0.044	0.22	0.044	
100-42-5	Styrene	**0.95**	2.2	0.36	**0.22**	0.52	0.084	**J**
95-47-6	o-Xylene	**1.0**	2.3	0.32	**0.24**	0.52	0.074	**J**
111-84-2	n-Nonane	<0.37	2.3	0.37	<0.071	0.43	0.071	
79-34-5	1,1,2,2-Tetrachloroethane	<0.31	2.3	0.31	<0.045	0.33	0.045	
98-82-8	Cumene	<0.32	2.3	0.32	<0.065	0.46	0.065	
80-56-8	alpha-Pinene	<0.34	2.3	0.34	<0.061	0.40	0.061	
103-65-1	n-Propylbenzene	**0.40**	2.3	0.32	**0.082**	0.46	0.065	**J**
622-96-8	4-Ethyltoluene	**0.54**	2.3	0.35	**0.11**	0.46	0.072	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.33**	2.2	0.32	**0.068**	0.45	0.065	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.8**	2.3	0.31	**0.36**	0.46	0.063	**J**
100-44-7	Benzyl Chloride	<0.50	4.6	0.50	<0.097	0.89	0.097	
541-73-1	1,3-Dichlorobenzene	<0.33	2.3	0.33	<0.056	0.38	0.056	
106-46-7	1,4-Dichlorobenzene	<0.34	2.3	0.34	<0.057	0.38	0.057	
95-50-1	1,2-Dichlorobenzene	<0.33	2.3	0.33	<0.055	0.38	0.055	
5989-27-5	d-Limonene	**1.8**	2.3	0.46	**0.33**	0.40	0.082	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.42	2.2	0.42	<0.043	0.23	0.043	
120-82-1	1,2,4-Trichlorobenzene	<0.54	2.3	0.54	<0.073	0.30	0.073	
91-20-3	Naphthalene	<0.54	2.2	0.54	<0.10	0.41	0.10	
87-68-3	Hexachlorobutadiene	<0.46	2.2	0.46	<0.043	0.21	0.043	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-51** ALS Project ID: P2003738
Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P2003738-004

Test Code: EPA TO-15 Date Collected: 6/30/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Simon Cao Date Analyzed: 7/14/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01068

Initial Pressure (psig): -3.59 Final Pressure (psig): 6.41

Canister Dilution Factor: 1.90

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**160**	2.5	0.62	**92**	1.5	0.36	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	2.5	0.41	**0.46**	0.51	0.084	**J**
74-87-3	Chloromethane	**0.55**	2.5	0.41	**0.27**	1.2	0.20	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.40	2.5	0.40	<0.057	0.36	0.057	
75-01-4	Vinyl Chloride	<0.27	2.6	0.27	<0.11	1.0	0.11	
106-99-0	1,3-Butadiene	<0.42	2.5	0.42	<0.19	1.1	0.19	
74-83-9	Bromomethane	<0.35	2.6	0.35	<0.091	0.66	0.091	
75-00-3	Chloroethane	<0.31	2.6	0.31	<0.12	0.97	0.12	
64-17-5	Ethanol	**180**	25	1.8	**96**	13	0.93	
75-05-8	Acetonitrile	**0.92**	2.5	0.62	**0.55**	1.5	0.37	**J**
67-64-1	Acetone	**32**	25	5.7	**13**	11	2.4	
75-69-4	Trichlorofluoromethane (CFC 11)	**5.2**	2.5	0.38	**0.93**	0.45	0.068	
67-63-0	2-Propanol (Isopropyl Alcohol)	**450**	10	1.0	**180**	4.1	0.43	
107-13-1	Acrylonitrile	<0.52	2.5	0.52	<0.24	1.2	0.24	
75-35-4	1,1-Dichloroethene	<0.35	2.6	0.35	<0.089	0.65	0.089	
75-09-2	Methylene Chloride	<0.71	2.5	0.71	<0.21	0.72	0.21	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.34	2.6	0.34	<0.11	0.82	0.11	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.61**	2.6	0.36	**0.080**	0.33	0.047	**J**
75-15-0	Carbon Disulfide	**1.3**	5.2	0.76	**0.43**	1.7	0.24	**J**
156-60-5	trans-1,2-Dichloroethene	<0.35	2.6	0.35	<0.089	0.65	0.089	
75-34-3	1,1-Dichloroethane	<0.37	2.6	0.37	<0.092	0.65	0.092	
1634-04-4	Methyl tert-Butyl Ether	<0.30	2.6	0.30	<0.083	0.71	0.083	
108-05-4	Vinyl Acetate	<5.7	26	5.7	<1.6	7.3	1.6	
78-93-3	2-Butanone (MEK)	**4.2**	5.2	0.52	**1.4**	1.8	0.18	**J**
156-59-2	cis-1,2-Dichloroethene	<0.36	2.5	0.36	<0.090	0.64	0.090	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-51** ALS Project ID: P2003738
Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P2003738-004

Test Code: EPA TO-15 Date Collected: 6/30/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Simon Cao Date Analyzed: 7/14/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01068

Initial Pressure (psig): -3.59 Final Pressure (psig): 6.41

Canister Dilution Factor: 1.90

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
141-78-6	Ethyl Acetate	<1.3	5.2	1.3	<0.37	1.5	0.37	
110-54-3	n-Hexane	**0.56**	2.6	0.52	**0.16**	0.73	0.15	**J**
67-66-3	Chloroform	**0.58**	2.6	0.34	**0.12**	0.53	0.069	**J**
109-99-9	Tetrahydrofuran (THF)	**0.41**	2.6	0.32	**0.14**	0.89	0.11	**J**
107-06-2	1,2-Dichloroethane	<0.28	2.6	0.28	<0.069	0.63	0.069	
71-55-6	1,1,1-Trichloroethane	<0.31	2.6	0.31	<0.057	0.47	0.057	
71-43-2	Benzene	**0.51**	2.5	0.37	**0.16**	0.79	0.11	**J**
56-23-5	Carbon Tetrachloride	**3.2**	2.5	0.35	**0.50**	0.40	0.056	
110-82-7	Cyclohexane	<0.71	5.2	0.71	<0.21	1.5	0.21	
78-87-5	1,2-Dichloropropane	<0.31	2.6	0.31	<0.068	0.56	0.068	
75-27-4	Bromodichloromethane	<0.37	2.6	0.37	<0.055	0.38	0.055	
79-01-6	Trichloroethene	**0.35**	2.6	0.34	**0.065**	0.48	0.064	**J**
123-91-1	1,4-Dioxane	**1.2**	2.6	0.30	**0.33**	0.71	0.083	**J**
80-62-6	Methyl Methacrylate	<0.90	5.2	0.90	<0.22	1.3	0.22	
142-82-5	n-Heptane	**0.88**	2.6	0.40	**0.21**	0.63	0.099	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.39	2.5	0.39	<0.087	0.54	0.087	
108-10-1	4-Methyl-2-pentanone	**1.1**	2.5	0.35	**0.28**	0.61	0.085	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.52	2.5	0.52	<0.12	0.55	0.12	
79-00-5	1,1,2-Trichloroethane	<0.26	2.6	0.26	<0.047	0.47	0.047	
108-88-3	Toluene	**3.3**	2.6	0.31	**0.88**	0.68	0.082	
591-78-6	2-Hexanone	**1.2**	2.6	0.31	**0.28**	0.63	0.077	**J**
124-48-1	Dibromochloromethane	<0.33	2.6	0.33	<0.039	0.30	0.039	
106-93-4	1,2-Dibromoethane	<0.29	2.6	0.29	<0.038	0.33	0.038	
123-86-4	n-Butyl Acetate	**0.72**	2.6	0.35	**0.15**	0.55	0.073	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-51** ALS Project ID: P2003738
Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P2003738-004

Test Code: EPA TO-15 Date Collected: 6/30/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Simon Cao Date Analyzed: 7/14/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC01068

Initial Pressure (psig): -3.59 Final Pressure (psig): 6.41

Canister Dilution Factor: 1.90

CAS #	Compound	Result µg/m³		MRL µg/m³	MDL µg/m³	Result ppbV		MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**0.98**		2.6	0.57	**0.21**		0.55	0.12	**J**
127-18-4	Tetrachloroethene	**54**		2.5	0.33	**7.9**		0.36	0.048	
108-90-7	Chlorobenzene		<0.34	2.6	0.34		<0.073	0.56	0.073	
100-41-4	Ethylbenzene	**1.4**		2.6	0.36	**0.33**		0.59	0.082	**J**
179601-23-1	m,p-Xylenes	**5.3**		5.2	0.67	**1.2**		1.2	0.15	
75-25-2	Bromoform		<0.52	2.6	0.52		<0.051	0.25	0.051	
100-42-5	Styrene	**1.5**		2.5	0.41	**0.36**		0.59	0.096	**J**
95-47-6	o-Xylene	**1.9**		2.6	0.37	**0.43**		0.59	0.084	**J**
111-84-2	n-Nonane	**0.68**		2.6	0.42	**0.13**		0.49	0.081	**J**
79-34-5	1,1,2,2-Tetrachloroethane		<0.35	2.6	0.35		<0.051	0.37	0.051	
98-82-8	Cumene		<0.37	2.6	0.37		<0.074	0.52	0.074	
80-56-8	alpha-Pinene	**0.76**		2.6	0.39	**0.14**		0.46	0.070	**J**
103-65-1	n-Propylbenzene	**0.75**		2.6	0.37	**0.15**		0.52	0.074	**J**
622-96-8	4-Ethyltoluene	**1.0**		2.6	0.40	**0.21**		0.52	0.082	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.67**		2.5	0.37	**0.14**		0.51	0.074	**J**
95-63-6	1,2,4-Trimethylbenzene	**3.8**		2.6	0.35	**0.77**		0.52	0.072	
100-44-7	Benzyl Chloride		<0.57	5.2	0.57		<0.11	1.0	0.11	
541-73-1	1,3-Dichlorobenzene		<0.38	2.6	0.38		<0.063	0.43	0.063	
106-46-7	1,4-Dichlorobenzene		<0.39	2.6	0.39		<0.065	0.43	0.065	
95-50-1	1,2-Dichlorobenzene		<0.38	2.6	0.38		<0.062	0.43	0.062	
5989-27-5	d-Limonene	**3.0**		2.6	0.52	**0.55**		0.46	0.094	
96-12-8	1,2-Dibromo-3-chloropropane		<0.48	2.5	0.48		<0.049	0.26	0.049	
120-82-1	1,2,4-Trichlorobenzene		<0.62	2.6	0.62		<0.083	0.35	0.083	
91-20-3	Naphthalene	**1.3**		2.5	0.62	**0.26**		0.47	0.12	**J**
87-68-3	Hexachlorobutadiene		<0.52	2.5	0.52		<0.049	0.24	0.049	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-12** ALS Project ID: P2003738
Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P2003738-005

Test Code: EPA TO-15 Date Collected: 6/30/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Simon Cao/Topacio De Leon Date Analyzed: 7/14 - 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.0050 Liter(s)
Container ID: 1SC00947

Initial Pressure (psig): -3.02 Final Pressure (psig): 7.05

Canister Dilution Factor: 1.86

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**120**	200	48	**68**	110	28	**J, D**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	2.5	0.40	**0.42**	0.50	0.082	**J**
74-87-3	Chloromethane	**0.52**	2.5	0.40	**0.25**	1.2	0.19	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.39	2.5	0.39	<0.056	0.35	0.056	
75-01-4	Vinyl Chloride	<0.27	2.5	0.27	<0.10	0.98	0.10	
106-99-0	1,3-Butadiene	<0.41	2.5	0.41	<0.19	1.1	0.19	
74-83-9	Bromomethane	<0.34	2.5	0.34	<0.089	0.65	0.089	
75-00-3	Chloroethane	<0.31	2.5	0.31	<0.12	0.95	0.12	
64-17-5	Ethanol	**3,000**	1,900	140	**1,600**	1,000	73	**D**
75-05-8	Acetonitrile	<0.60	2.5	0.60	<0.36	1.5	0.36	
67-64-1	Acetone	**240**	25	5.6	**99**	10	2.3	
75-69-4	Trichlorofluoromethane (CFC 11)	**16**	2.5	0.38	**2.8**	0.44	0.067	
67-63-0	2-Propanol (Isopropyl Alcohol)	**30,000**	780	82	**12,000**	320	33	**D**
107-13-1	Acrylonitrile	<0.51	2.5	0.51	<0.24	1.1	0.24	
75-35-4	1,1-Dichloroethene	<0.34	2.5	0.34	<0.087	0.63	0.087	
75-09-2	Methylene Chloride	<0.70	2.5	0.70	<0.20	0.71	0.20	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.33	2.5	0.33	<0.11	0.80	0.11	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.45**	2.5	0.35	**0.058**	0.33	0.046	**J**
75-15-0	Carbon Disulfide	<0.74	5.1	0.74	<0.24	1.6	0.24	
156-60-5	trans-1,2-Dichloroethene	<0.34	2.5	0.34	<0.087	0.63	0.087	
75-34-3	1,1-Dichloroethane	<0.36	2.6	0.36	<0.090	0.63	0.090	
1634-04-4	Methyl tert-Butyl Ether	<0.29	2.5	0.29	<0.081	0.70	0.081	
108-05-4	Vinyl Acetate	**8.3**	25	5.6	**2.3**	7.1	1.6	**J**
78-93-3	2-Butanone (MEK)	**6.2**	5.1	0.51	**2.1**	1.7	0.17	
156-59-2	cis-1,2-Dichloroethene	<0.35	2.5	0.35	<0.088	0.62	0.088	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
D = The reported result is from a dilution.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-12** ALS Project ID: P2003738
Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P2003738-005

Test Code: EPA TO-15 Date Collected: 6/30/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Simon Cao/Topacio De Leon Date Analyzed: 7/14 - 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.0050 Liter(s)
Container ID: 1SC00947

Initial Pressure (psig): -3.02 Final Pressure (psig): 7.05

Canister Dilution Factor: 1.86

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
141-78-6	Ethyl Acetate	<1.3	5.1	1.3	<0.36	1.4	0.36	
110-54-3	n-Hexane	**0.62**	2.5	0.51	**0.18**	0.71	0.15	**J**
67-66-3	Chloroform	**2.7**	2.5	0.33	**0.56**	0.51	0.068	
109-99-9	Tetrahydrofuran (THF)	<0.31	2.6	0.31	<0.11	0.87	0.11	
107-06-2	1,2-Dichloroethane	<0.27	2.5	0.27	<0.068	0.62	0.068	
71-55-6	1,1,1-Trichloroethane	<0.31	2.5	0.31	<0.056	0.46	0.056	
71-43-2	Benzene	<0.36	2.5	0.36	<0.11	0.77	0.11	
56-23-5	Carbon Tetrachloride	<0.34	2.5	0.34	<0.055	0.39	0.055	
110-82-7	Cyclohexane	<0.70	5.1	0.70	<0.20	1.5	0.20	
78-87-5	1,2-Dichloropropane	<0.31	2.5	0.31	<0.066	0.54	0.066	
75-27-4	Bromodichloromethane	<0.36	2.5	0.36	<0.053	0.37	0.053	
79-01-6	Trichloroethene	**11**	2.5	0.33	**2.1**	0.47	0.062	
123-91-1	1,4-Dioxane	**2.5**	2.5	0.29	**0.69**	0.70	0.081	**J**
80-62-6	Methyl Methacrylate	<0.88	5.1	0.88	<0.22	1.2	0.22	
142-82-5	n-Heptane	**0.65**	2.5	0.40	**0.16**	0.61	0.096	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.39	2.4	0.39	<0.085	0.53	0.085	
108-10-1	4-Methyl-2-pentanone	**1.3**	2.5	0.34	**0.31**	0.60	0.083	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.51	2.5	0.51	<0.11	0.54	0.11	
79-00-5	1,1,2-Trichloroethane	<0.25	2.5	0.25	<0.046	0.46	0.046	
108-88-3	Toluene	**2.5**	2.5	0.30	**0.65**	0.67	0.080	**J**
591-78-6	2-Hexanone	<0.31	2.5	0.31	<0.075	0.61	0.075	
124-48-1	Dibromochloromethane	<0.33	2.5	0.33	<0.038	0.29	0.038	
106-93-4	1,2-Dibromoethane	<0.29	2.5	0.29	<0.038	0.33	0.038	
123-86-4	n-Butyl Acetate	<0.34	2.6	0.34	<0.071	0.54	0.071	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-12** ALS Project ID: P2003738
Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P2003738-005

Test Code: EPA TO-15 Date Collected: 6/30/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Simon Cao/Topacio De Leon Date Analyzed: 7/14 - 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.0050 Liter(s)
Container ID: 1SC00947

Initial Pressure (psig): -3.02 Final Pressure (psig): 7.05

Canister Dilution Factor: 1.86

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.56	2.5	0.56	<0.12	0.54	0.12	
127-18-4	Tetrachloroethene	**3.5**	2.4	0.32	**0.51**	0.36	0.047	
108-90-7	Chlorobenzene	<0.33	2.5	0.33	<0.072	0.55	0.072	
100-41-4	Ethylbenzene	**1.6**	2.5	0.35	**0.36**	0.58	0.080	**J**
179601-23-1	m,p-Xylenes	**4.2**	5.1	0.65	**0.98**	1.2	0.15	**J**
75-25-2	Bromoform	<0.51	2.5	0.51	<0.049	0.24	0.049	
100-42-5	Styrene	**5.4**	2.5	0.40	**1.3**	0.58	0.094	
95-47-6	o-Xylene	**1.4**	2.5	0.36	**0.32**	0.58	0.082	**J**
111-84-2	n-Nonane	<0.41	2.5	0.41	<0.079	0.48	0.079	
79-34-5	1,1,2,2-Tetrachloroethane	<0.34	2.5	0.34	<0.050	0.37	0.050	
98-82-8	Cumene	<0.36	2.5	0.36	<0.073	0.51	0.073	
80-56-8	alpha-Pinene	<0.38	2.5	0.38	<0.068	0.45	0.068	
103-65-1	n-Propylbenzene	**0.60**	2.5	0.36	**0.12**	0.51	0.073	**J**
622-96-8	4-Ethyltoluene	**0.92**	2.5	0.40	**0.19**	0.51	0.080	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.50**	2.5	0.36	**0.10**	0.50	0.073	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.8**	2.5	0.34	**0.56**	0.51	0.070	
100-44-7	Benzyl Chloride	<0.56	5.1	0.56	<0.11	0.99	0.11	
541-73-1	1,3-Dichlorobenzene	<0.37	2.5	0.37	<0.062	0.42	0.062	
106-46-7	1,4-Dichlorobenzene	<0.38	2.5	0.38	<0.063	0.42	0.063	
95-50-1	1,2-Dichlorobenzene	<0.37	2.5	0.37	<0.061	0.42	0.061	
5989-27-5	d-Limonene	**1.4**	2.5	0.51	**0.25**	0.45	0.092	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.47	2.5	0.47	<0.048	0.26	0.048	
120-82-1	1,2,4-Trichlorobenzene	<0.60	2.5	0.60	<0.081	0.34	0.081	
91-20-3	Naphthalene	<0.60	2.4	0.60	<0.12	0.46	0.12	
87-68-3	Hexachlorobutadiene	<0.51	2.5	0.51	<0.048	0.23	0.048	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **AB** ALS Project ID: P2003738
Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P2003738-006

Test Code: EPA TO-15 Date Collected: 6/30/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Simon Cao Date Analyzed: 7/14/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00608

Initial Pressure (psig): -0.54 Final Pressure (psig): 6.29

Canister Dilution Factor: 1.48

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**29**	2.0	0.48	**17**	1.1	0.28	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	2.0	0.32	**0.42**	0.40	0.065	
74-87-3	Chloromethane	**0.68**	2.0	0.32	**0.33**	0.95	0.15	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.31	2.0	0.31	<0.044	0.28	0.044	
75-01-4	Vinyl Chloride	<0.21	2.0	0.21	<0.083	0.78	0.083	
106-99-0	1,3-Butadiene	<0.33	2.0	0.33	<0.15	0.89	0.15	
74-83-9	Bromomethane	<0.27	2.0	0.27	<0.071	0.51	0.071	
75-00-3	Chloroethane	<0.24	2.0	0.24	<0.093	0.76	0.093	
64-17-5	Ethanol	**140**	19	1.4	**75**	10	0.73	
75-05-8	Acetonitrile	**0.69**	2.0	0.48	**0.41**	1.2	0.29	**J**
67-64-1	Acetone	**42**	20	4.4	**18**	8.3	1.9	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.1**	2.0	0.30	**0.19**	0.35	0.053	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**67**	7.8	0.81	**27**	3.2	0.33	
107-13-1	Acrylonitrile	<0.41	2.0	0.41	<0.19	0.90	0.19	
75-35-4	1,1-Dichloroethene	<0.27	2.0	0.27	<0.069	0.50	0.069	
75-09-2	Methylene Chloride	**1.3**	2.0	0.56	**0.38**	0.56	0.16	**J**
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.27	2.0	0.27	<0.085	0.64	0.085	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.44**	2.0	0.28	**0.058**	0.26	0.037	**J**
75-15-0	Carbon Disulfide	**2.0**	4.1	0.59	**0.63**	1.3	0.19	**J**
156-60-5	trans-1,2-Dichloroethene	<0.27	2.0	0.27	<0.069	0.50	0.069	
75-34-3	1,1-Dichloroethane	<0.29	2.0	0.29	<0.071	0.50	0.071	
1634-04-4	Methyl tert-Butyl Ether	<0.23	2.0	0.23	<0.065	0.55	0.065	
108-05-4	Vinyl Acetate	**10**	20	4.4	**2.8**	5.7	1.3	**J**
78-93-3	2-Butanone (MEK)	**4.7**	4.1	0.41	**1.6**	1.4	0.14	
156-59-2	cis-1,2-Dichloroethene	<0.28	2.0	0.28	<0.070	0.49	0.070	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **AB** ALS Project ID: P2003738
Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P2003738-006

Test Code: EPA TO-15 Date Collected: 6/30/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Simon Cao Date Analyzed: 7/14/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00608

Initial Pressure (psig): -0.54 Final Pressure (psig): 6.29

Canister Dilution Factor: 1.48

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
141-78-6	Ethyl Acetate	**21**	4.1	1.0	**5.9**	1.1	0.29	
110-54-3	n-Hexane	**4.7**	2.0	0.41	**1.3**	0.57	0.12	
67-66-3	Chloroform	<0.26	2.0	0.26	<0.054	0.41	0.054	
109-99-9	Tetrahydrofuran (THF)	**1.0**	2.0	0.25	**0.34**	0.69	0.084	**J**
107-06-2	1,2-Dichloroethane	<0.22	2.0	0.22	<0.054	0.49	0.054	
71-55-6	1,1,1-Trichloroethane	<0.24	2.0	0.24	<0.045	0.37	0.045	
71-43-2	Benzene	**1.1**	2.0	0.28	**0.33**	0.61	0.089	**J**
56-23-5	Carbon Tetrachloride	**0.36**	2.0	0.27	**0.058**	0.31	0.044	**J**
110-82-7	Cyclohexane	**3.5**	4.1	0.56	**1.0**	1.2	0.16	**J**
78-87-5	1,2-Dichloropropane	<0.24	2.0	0.24	<0.053	0.43	0.053	
75-27-4	Bromodichloromethane	**0.35**	2.0	0.28	**0.052**	0.30	0.043	**J**
79-01-6	Trichloroethene	**0.60**	2.0	0.27	**0.11**	0.37	0.050	**J**
123-91-1	1,4-Dioxane	**0.46**	2.0	0.23	**0.13**	0.55	0.065	**J**
80-62-6	Methyl Methacrylate	<0.70	4.1	0.70	<0.17	0.99	0.17	
142-82-5	n-Heptane	**2.7**	2.0	0.31	**0.65**	0.49	0.077	
10061-01-5	cis-1,3-Dichloropropene	<0.31	1.9	0.31	<0.068	0.42	0.068	
108-10-1	4-Methyl-2-pentanone	**0.77**	2.0	0.27	**0.19**	0.48	0.066	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.41	2.0	0.41	<0.090	0.43	0.090	
79-00-5	1,1,2-Trichloroethane	<0.20	2.0	0.20	<0.037	0.37	0.037	
108-88-3	Toluene	**24**	2.0	0.24	**6.5**	0.53	0.064	
591-78-6	2-Hexanone	**1.2**	2.0	0.24	**0.30**	0.49	0.060	**J**
124-48-1	Dibromochloromethane	<0.26	2.0	0.26	<0.030	0.23	0.030	
106-93-4	1,2-Dibromoethane	<0.23	2.0	0.23	<0.030	0.26	0.030	
123-86-4	n-Butyl Acetate	**15**	2.0	0.27	**3.1**	0.43	0.057	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **AB** ALS Project ID: P2003738
Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P2003738-006

Test Code: EPA TO-15 Date Collected: 6/30/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Simon Cao Date Analyzed: 7/14/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00608

Initial Pressure (psig): -0.54 Final Pressure (psig): 6.29

Canister Dilution Factor: 1.48

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**1.6**	2.0	0.44	**0.34**	0.43	0.095	**J**
127-18-4	Tetrachloroethene	**10**	1.9	0.26	**1.5**	0.28	0.038	
108-90-7	Chlorobenzene	<0.26	2.0	0.26	<0.057	0.43	0.057	
100-41-4	Ethylbenzene	**1.4**	2.0	0.28	**0.33**	0.46	0.064	**J**
179601-23-1	m,p-Xylenes	**5.0**	4.1	0.52	**1.1**	0.94	0.12	
75-25-2	Bromoform	<0.41	2.0	0.41	<0.039	0.19	0.039	
100-42-5	Styrene	**0.83**	2.0	0.32	**0.19**	0.46	0.075	**J**
95-47-6	o-Xylene	**1.9**	2.0	0.28	**0.43**	0.46	0.066	**J**
111-84-2	n-Nonane	**0.64**	2.0	0.33	**0.12**	0.38	0.063	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.27	2.0	0.27	<0.040	0.29	0.040	
98-82-8	Cumene	<0.28	2.0	0.28	<0.058	0.41	0.058	
80-56-8	alpha-Pinene	**6.4**	2.0	0.30	**1.1**	0.36	0.054	
103-65-1	n-Propylbenzene	<0.28	2.0	0.28	<0.058	0.41	0.058	
622-96-8	4-Ethyltoluene	<0.31	2.0	0.31	<0.064	0.41	0.064	
108-67-8	1,3,5-Trimethylbenzene	<0.28	2.0	0.28	<0.058	0.40	0.058	
95-63-6	1,2,4-Trimethylbenzene	**0.80**	2.0	0.27	**0.16**	0.41	0.056	**J**
100-44-7	Benzyl Chloride	<0.44	4.1	0.44	<0.086	0.79	0.086	
541-73-1	1,3-Dichlorobenzene	<0.30	2.0	0.30	<0.049	0.33	0.049	
106-46-7	1,4-Dichlorobenzene	<0.30	2.0	0.30	<0.050	0.33	0.050	
95-50-1	1,2-Dichlorobenzene	<0.29	2.0	0.29	<0.049	0.33	0.049	
5989-27-5	d-Limonene	**2.5**	2.0	0.41	**0.45**	0.36	0.073	
96-12-8	1,2-Dibromo-3-chloropropane	<0.37	2.0	0.37	<0.038	0.20	0.038	
120-82-1	1,2,4-Trichlorobenzene	<0.48	2.0	0.48	<0.065	0.27	0.065	
91-20-3	Naphthalene	<0.48	1.9	0.48	<0.092	0.37	0.092	
87-68-3	Hexachlorobutadiene	<0.41	2.0	0.41	<0.038	0.18	0.038	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2003738
Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P200714-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 7/14/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.13	0.53	0.13	<0.076	0.31	0.076	
75-71-8	Dichlorodifluoromethane (CFC 12)	<0.087	0.53	0.087	<0.018	0.11	0.018	
74-87-3	Chloromethane	<0.086	0.53	0.086	<0.042	0.26	0.042	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.084	0.53	0.084	<0.012	0.076	0.012	
75-01-4	Vinyl Chloride	<0.057	0.54	0.057	<0.022	0.21	0.022	
106-99-0	1,3-Butadiene	<0.088	0.53	0.088	<0.040	0.24	0.040	
74-83-9	Bromomethane	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-00-3	Chloroethane	<0.066	0.54	0.066	<0.025	0.20	0.025	
64-17-5	Ethanol	<0.37	5.2	0.37	<0.20	2.8	0.20	
75-05-8	Acetonitrile	<0.13	0.53	0.13	<0.077	0.32	0.077	
67-64-1	Acetone	<1.2	5.3	1.2	<0.51	2.2	0.51	
75-69-4	Trichlorofluoromethane (CFC 11)	<0.081	0.53	0.081	<0.014	0.094	0.014	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.22	2.1	0.22	<0.090	0.85	0.090	
107-13-1	Acrylonitrile	<0.11	0.53	0.11	<0.051	0.24	0.051	
75-35-4	1,1-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-09-2	Methylene Chloride	<0.15	0.53	0.15	<0.043	0.15	0.043	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.072	0.54	0.072	<0.023	0.17	0.023	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.076	0.54	0.076	<0.0099	0.070	0.0099	
75-15-0	Carbon Disulfide	<0.16	1.1	0.16	<0.051	0.35	0.051	
156-60-5	trans-1,2-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-34-3	1,1-Dichloroethane	<0.078	0.55	0.078	<0.019	0.14	0.019	
1634-04-4	Methyl tert-Butyl Ether	<0.063	0.54	0.063	<0.017	0.15	0.017	
108-05-4	Vinyl Acetate	<1.2	5.4	1.2	<0.34	1.5	0.34	
78-93-3	2-Butanone (MEK)	<0.11	1.1	0.11	<0.037	0.37	0.037	
156-59-2	cis-1,2-Dichloroethene	<0.075	0.53	0.075	<0.019	0.13	0.019	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003738

Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P200714-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA

Analyst: Simon Cao Date Analyzed: 7/14/20

Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
141-78-6	Ethyl Acetate	<0.28	1.1	0.28	<0.078	0.31	0.078	
110-54-3	n-Hexane	<0.11	0.54	0.11	<0.031	0.15	0.031	
67-66-3	Chloroform	<0.071	0.54	0.071	<0.015	0.11	0.015	
109-99-9	Tetrahydrofuran (THF)	<0.067	0.55	0.067	<0.023	0.19	0.023	
107-06-2	1,2-Dichloroethane	<0.059	0.54	0.059	<0.015	0.13	0.015	
71-55-6	1,1,1-Trichloroethane	<0.066	0.54	0.066	<0.012	0.099	0.012	
71-43-2	Benzene	<0.077	0.53	0.077	<0.024	0.17	0.024	
56-23-5	Carbon Tetrachloride	<0.074	0.53	0.074	<0.012	0.084	0.012	
110-82-7	Cyclohexane	<0.15	1.1	0.15	<0.044	0.32	0.044	
78-87-5	1,2-Dichloropropane	<0.066	0.54	0.066	<0.014	0.12	0.014	
75-27-4	Bromodichloromethane	<0.077	0.54	0.077	<0.011	0.081	0.011	
79-01-6	Trichloroethene	<0.072	0.54	0.072	<0.013	0.10	0.013	
123-91-1	1,4-Dioxane	<0.063	0.54	0.063	<0.017	0.15	0.017	
80-62-6	Methyl Methacrylate	<0.19	1.1	0.19	<0.046	0.27	0.046	
142-82-5	n-Heptane	<0.085	0.54	0.085	<0.021	0.13	0.021	
10061-01-5	cis-1,3-Dichloropropene	<0.083	0.52	0.083	<0.018	0.11	0.018	
108-10-1	4-Methyl-2-pentanone	<0.073	0.53	0.073	<0.018	0.13	0.018	
10061-02-6	trans-1,3-Dichloropropene	<0.11	0.53	0.11	<0.024	0.12	0.024	
79-00-5	1,1,2-Trichloroethane	<0.054	0.54	0.054	<0.0099	0.099	0.0099	
108-88-3	Toluene	<0.065	0.54	0.065	<0.017	0.14	0.017	
591-78-6	2-Hexanone	<0.066	0.54	0.066	<0.016	0.13	0.016	
124-48-1	Dibromochloromethane	<0.070	0.54	0.070	<0.0082	0.063	0.0082	
106-93-4	1,2-Dibromoethane	<0.062	0.54	0.062	<0.0081	0.070	0.0081	
123-86-4	n-Butyl Acetate	<0.073	0.55	0.073	<0.015	0.12	0.015	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003738

Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P200714-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA

Analyst: Simon Cao Date Analyzed: 7/14/20

Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.12	0.54	0.12	<0.026	0.12	0.026	
127-18-4	Tetrachloroethene	<0.069	0.52	0.069	<0.010	0.077	0.010	
108-90-7	Chlorobenzene	<0.071	0.54	0.071	<0.015	0.12	0.015	
100-41-4	Ethylbenzene	<0.075	0.54	0.075	<0.017	0.12	0.017	
179601-23-1	m,p-Xylenes	<0.14	1.1	0.14	<0.032	0.25	0.032	
75-25-2	Bromoform	<0.11	0.54	0.11	<0.011	0.052	0.011	
100-42-5	Styrene	<0.086	0.53	0.086	<0.020	0.12	0.020	
95-47-6	o-Xylene	<0.077	0.54	0.077	<0.018	0.12	0.018	
111-84-2	n-Nonane	<0.089	0.54	0.089	<0.017	0.10	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	<0.074	0.54	0.074	<0.011	0.079	0.011	
98-82-8	Cumene	<0.077	0.54	0.077	<0.016	0.11	0.016	
80-56-8	alpha-Pinene	<0.082	0.54	0.082	<0.015	0.097	0.015	
103-65-1	n-Propylbenzene	<0.077	0.54	0.077	<0.016	0.11	0.016	
622-96-8	4-Ethyltoluene	<0.085	0.54	0.085	<0.017	0.11	0.017	
108-67-8	1,3,5-Trimethylbenzene	<0.077	0.53	0.077	<0.016	0.11	0.016	
95-63-6	1,2,4-Trimethylbenzene	<0.074	0.54	0.074	<0.015	0.11	0.015	
100-44-7	Benzyl Chloride	<0.12	1.1	0.12	<0.023	0.21	0.023	
541-73-1	1,3-Dichlorobenzene	<0.080	0.54	0.080	<0.013	0.090	0.013	
106-46-7	1,4-Dichlorobenzene	<0.082	0.54	0.082	<0.014	0.090	0.014	
95-50-1	1,2-Dichlorobenzene	<0.079	0.54	0.079	<0.013	0.090	0.013	
5989-27-5	d-Limonene	<0.11	0.54	0.11	<0.020	0.097	0.020	
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.53	0.10	<0.010	0.055	0.010	
120-82-1	1,2,4-Trichlorobenzene	<0.13	0.54	0.13	<0.018	0.073	0.018	
91-20-3	Naphthalene	<0.13	0.52	0.13	<0.025	0.099	0.025	
87-68-3	Hexachlorobutadiene	<0.11	0.53	0.11	<0.010	0.050	0.010	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2003738
Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P200715-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.13	0.53	0.13	<0.076	0.31	0.076	
75-71-8	Dichlorodifluoromethane (CFC 12)	<0.087	0.53	0.087	<0.018	0.11	0.018	
74-87-3	Chloromethane	<0.086	0.53	0.086	<0.042	0.26	0.042	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.084	0.53	0.084	<0.012	0.076	0.012	
75-01-4	Vinyl Chloride	<0.057	0.54	0.057	<0.022	0.21	0.022	
106-99-0	1,3-Butadiene	<0.088	0.53	0.088	<0.040	0.24	0.040	
74-83-9	Bromomethane	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-00-3	Chloroethane	<0.066	0.54	0.066	<0.025	0.20	0.025	
64-17-5	Ethanol	<0.37	5.2	0.37	<0.20	2.8	0.20	
75-05-8	Acetonitrile	<0.13	0.53	0.13	<0.077	0.32	0.077	
67-64-1	Acetone	<1.2	5.3	1.2	<0.51	2.2	0.51	
75-69-4	Trichlorofluoromethane (CFC 11)	<0.081	0.53	0.081	<0.014	0.094	0.014	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.22	2.1	0.22	<0.090	0.85	0.090	
107-13-1	Acrylonitrile	<0.11	0.53	0.11	<0.051	0.24	0.051	
75-35-4	1,1-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-09-2	Methylene Chloride	<0.15	0.53	0.15	<0.043	0.15	0.043	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.072	0.54	0.072	<0.023	0.17	0.023	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.076	0.54	0.076	<0.0099	0.070	0.0099	
75-15-0	Carbon Disulfide	<0.16	1.1	0.16	<0.051	0.35	0.051	
156-60-5	trans-1,2-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-34-3	1,1-Dichloroethane	<0.078	0.55	0.078	<0.019	0.14	0.019	
1634-04-4	Methyl tert-Butyl Ether	<0.063	0.54	0.063	<0.017	0.15	0.017	
108-05-4	Vinyl Acetate	<1.2	5.4	1.2	<0.34	1.5	0.34	
78-93-3	2-Butanone (MEK)	<0.11	1.1	0.11	<0.037	0.37	0.037	
156-59-2	cis-1,2-Dichloroethene	<0.075	0.53	0.075	<0.019	0.13	0.019	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003738

Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P200715-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA

Analyst: Simon Cao Date Analyzed: 7/15/20

Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
141-78-6	Ethyl Acetate	<0.28	1.1	0.28	<0.078	0.31	0.078	
110-54-3	n-Hexane	<0.11	0.54	0.11	<0.031	0.15	0.031	
67-66-3	Chloroform	<0.071	0.54	0.071	<0.015	0.11	0.015	
109-99-9	Tetrahydrofuran (THF)	<0.067	0.55	0.067	<0.023	0.19	0.023	
107-06-2	1,2-Dichloroethane	<0.059	0.54	0.059	<0.015	0.13	0.015	
71-55-6	1,1,1-Trichloroethane	<0.066	0.54	0.066	<0.012	0.099	0.012	
71-43-2	Benzene	<0.077	0.53	0.077	<0.024	0.17	0.024	
56-23-5	Carbon Tetrachloride	<0.074	0.53	0.074	<0.012	0.084	0.012	
110-82-7	Cyclohexane	<0.15	1.1	0.15	<0.044	0.32	0.044	
78-87-5	1,2-Dichloropropane	<0.066	0.54	0.066	<0.014	0.12	0.014	
75-27-4	Bromodichloromethane	<0.077	0.54	0.077	<0.011	0.081	0.011	
79-01-6	Trichloroethene	<0.072	0.54	0.072	<0.013	0.10	0.013	
123-91-1	1,4-Dioxane	<0.063	0.54	0.063	<0.017	0.15	0.017	
80-62-6	Methyl Methacrylate	<0.19	1.1	0.19	<0.046	0.27	0.046	
142-82-5	n-Heptane	<0.085	0.54	0.085	<0.021	0.13	0.021	
10061-01-5	cis-1,3-Dichloropropene	<0.083	0.52	0.083	<0.018	0.11	0.018	
108-10-1	4-Methyl-2-pentanone	<0.073	0.53	0.073	<0.018	0.13	0.018	
10061-02-6	trans-1,3-Dichloropropene	<0.11	0.53	0.11	<0.024	0.12	0.024	
79-00-5	1,1,2-Trichloroethane	<0.054	0.54	0.054	<0.0099	0.099	0.0099	
108-88-3	Toluene	<0.065	0.54	0.065	<0.017	0.14	0.017	
591-78-6	2-Hexanone	<0.066	0.54	0.066	<0.016	0.13	0.016	
124-48-1	Dibromochloromethane	<0.070	0.54	0.070	<0.0082	0.063	0.0082	
106-93-4	1,2-Dibromoethane	<0.062	0.54	0.062	<0.0081	0.070	0.0081	
123-86-4	n-Butyl Acetate	<0.073	0.55	0.073	<0.015	0.12	0.015	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003738

Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P200715-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA

Analyst: Simon Cao Date Analyzed: 7/15/20

Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.12	0.54	0.12	<0.026	0.12	0.026	
127-18-4	Tetrachloroethene	<0.069	0.52	0.069	<0.010	0.077	0.010	
108-90-7	Chlorobenzene	<0.071	0.54	0.071	<0.015	0.12	0.015	
100-41-4	Ethylbenzene	<0.075	0.54	0.075	<0.017	0.12	0.017	
179601-23-1	m,p-Xylenes	<0.14	1.1	0.14	<0.032	0.25	0.032	
75-25-2	Bromoform	<0.11	0.54	0.11	<0.011	0.052	0.011	
100-42-5	Styrene	<0.086	0.53	0.086	<0.020	0.12	0.020	
95-47-6	o-Xylene	<0.077	0.54	0.077	<0.018	0.12	0.018	
111-84-2	n-Nonane	<0.089	0.54	0.089	<0.017	0.10	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	<0.074	0.54	0.074	<0.011	0.079	0.011	
98-82-8	Cumene	<0.077	0.54	0.077	<0.016	0.11	0.016	
80-56-8	alpha-Pinene	<0.082	0.54	0.082	<0.015	0.097	0.015	
103-65-1	n-Propylbenzene	<0.077	0.54	0.077	<0.016	0.11	0.016	
622-96-8	4-Ethyltoluene	<0.085	0.54	0.085	<0.017	0.11	0.017	
108-67-8	1,3,5-Trimethylbenzene	<0.077	0.53	0.077	<0.016	0.11	0.016	
95-63-6	1,2,4-Trimethylbenzene	<0.074	0.54	0.074	<0.015	0.11	0.015	
100-44-7	Benzyl Chloride	<0.12	1.1	0.12	<0.023	0.21	0.023	
541-73-1	1,3-Dichlorobenzene	<0.080	0.54	0.080	<0.013	0.090	0.013	
106-46-7	1,4-Dichlorobenzene	<0.082	0.54	0.082	<0.014	0.090	0.014	
95-50-1	1,2-Dichlorobenzene	<0.079	0.54	0.079	<0.013	0.090	0.013	
5989-27-5	d-Limonene	<0.11	0.54	0.11	<0.020	0.097	0.020	
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.53	0.10	<0.010	0.055	0.010	
120-82-1	1,2,4-Trichlorobenzene	<0.13	0.54	0.13	<0.018	0.073	0.018	
91-20-3	Naphthalene	<0.13	0.52	0.13	<0.025	0.099	0.025	
87-68-3	Hexachlorobutadiene	<0.11	0.53	0.11	<0.010	0.050	0.010	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Project ID: P2003738

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 6/30/20
Analyst: Simon Cao Date(s) Received: 7/6/20
Sample Type: 1.0 L Silonite Summa Canister(s) / 1.0 L Summa Canister(s) Date(s) Analyzed: 7/14 - 7/15/20
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P200714-MB	**100**	**101**	**112**	70-130	
Method Blank	P200715-MB	**99**	**101**	**114**	70-130	
Lab Control Sample	P200714-LCS	**103**	**100**	**114**	70-130	
Lab Control Sample	P200715-LCS	**100**	**100**	**114**	70-130	
SG-27	P2003738-001	**99**	**101**	**113**	70-130	
SG 121	P2003738-002	**99**	**101**	**112**	70-130	
SG 120	P2003738-003	**101**	**100**	**112**	70-130	
SG-51	P2003738-004	**100**	**101**	**112**	70-130	
SG-12	P2003738-005	**103**	**102**	**111**	70-130	
AB	P2003738-006	**99**	**101**	**114**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003738
Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P200714-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 7/14/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
115-07-1	Propene	210	**167**	**80**	51-133	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**195**	**93**	64-115	
74-87-3	Chloromethane	212	**174**	**82**	49-127	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	206	**184**	**89**	65-114	
75-01-4	Vinyl Chloride	212	**170**	**80**	61-129	
106-99-0	1,3-Butadiene	212	**180**	**85**	54-140	
74-83-9	Bromomethane	212	**188**	**89**	68-120	
75-00-3	Chloroethane	214	**173**	**81**	63-123	
64-17-5	Ethanol	1,060	**801**	**76**	49-134	
75-05-8	Acetonitrile	214	**177**	**83**	50-137	
67-64-1	Acetone	1,070	**843**	**79**	56-125	
75-69-4	Trichlorofluoromethane (CFC 11)	212	**203**	**96**	64-115	
67-63-0	2-Propanol (Isopropyl Alcohol)	422	**362**	**86**	57-133	
107-13-1	Acrylonitrile	212	**180**	**85**	64-136	
75-35-4	1,1-Dichloroethene	214	**196**	**92**	67-115	
75-09-2	Methylene Chloride	210	**190**	**90**	68-114	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	214	**170**	**79**	55-139	
76-13-1	Trichlorotrifluoroethane (CFC 113)	216	**206**	**95**	65-115	
75-15-0	Carbon Disulfide	212	**190**	**90**	68-113	
156-60-5	trans-1,2-Dichloroethene	214	**206**	**96**	65-122	
75-34-3	1,1-Dichloroethane	212	**182**	**86**	63-118	
1634-04-4	Methyl tert-Butyl Ether	214	**202**	**94**	57-131	
108-05-4	Vinyl Acetate	1,070	**1090**	**102**	71-128	
78-93-3	2-Butanone (MEK)	212	**193**	**91**	67-123	
156-59-2	cis-1,2-Dichloroethene	212	**195**	**92**	64-120	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003738
Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P200714-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 7/14/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
141-78-6	Ethyl Acetate	432	**379**	**88**	64-131	
110-54-3	n-Hexane	216	**173**	**80**	58-125	
67-66-3	Chloroform	214	**198**	**93**	65-114	
109-99-9	Tetrahydrofuran (THF)	220	**197**	**90**	65-115	
107-06-2	1,2-Dichloroethane	214	**212**	**99**	59-119	
71-55-6	1,1,1-Trichloroethane	214	**217**	**101**	66-115	
71-43-2	Benzene	210	**186**	**89**	66-109	
56-23-5	Carbon Tetrachloride	208	**218**	**105**	66-119	
110-82-7	Cyclohexane	422	**378**	**90**	67-117	
78-87-5	1,2-Dichloropropane	214	**184**	**86**	66-119	
75-27-4	Bromodichloromethane	218	**210**	**96**	71-119	
79-01-6	Trichloroethene	216	**210**	**97**	70-114	
123-91-1	1,4-Dioxane	216	**215**	**100**	71-117	
80-62-6	Methyl Methacrylate	430	**427**	**99**	76-121	
142-82-5	n-Heptane	214	**187**	**87**	66-119	
10061-01-5	cis-1,3-Dichloropropene	214	**221**	**103**	72-125	
108-10-1	4-Methyl-2-pentanone	212	**195**	**92**	68-130	
10061-02-6	trans-1,3-Dichloropropene	212	**215**	**101**	71-132	
79-00-5	1,1,2-Trichloroethane	214	**207**	**97**	70-117	
108-88-3	Toluene	212	**196**	**92**	67-113	
591-78-6	2-Hexanone	216	**211**	**98**	62-135	
124-48-1	Dibromochloromethane	214	**230**	**107**	73-126	
106-93-4	1,2-Dibromoethane	214	**224**	**105**	71-122	
123-86-4	n-Butyl Acetate	218	**214**	**98**	65-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003738
Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P200714-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 7/14/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
111-65-9	n-Octane	216	**186**	**86**	63-120	
127-18-4	Tetrachloroethene	208	**211**	**101**	64-120	
108-90-7	Chlorobenzene	214	**200**	**93**	65-116	
100-41-4	Ethylbenzene	212	**203**	**96**	65-117	
179601-23-1	m,p-Xylenes	426	**410**	**96**	64-121	
75-25-2	Bromoform	214	**252**	**118**	72-130	
100-42-5	Styrene	212	**220**	**104**	72-126	
95-47-6	o-Xylene	214	**204**	**95**	64-120	
111-84-2	n-Nonane	214	**184**	**86**	56-132	
79-34-5	1,1,2,2-Tetrachloroethane	214	**202**	**94**	66-122	
98-82-8	Cumene	214	**207**	**97**	64-121	
80-56-8	alpha-Pinene	212	**203**	**96**	62-136	
103-65-1	n-Propylbenzene	214	**207**	**97**	65-123	
622-96-8	4-Ethyltoluene	210	**210**	**100**	71-126	
108-67-8	1,3,5-Trimethylbenzene	212	**205**	**97**	65-120	
95-63-6	1,2,4-Trimethylbenzene	212	**212**	**100**	63-129	
100-44-7	Benzyl Chloride	214	**257**	**120**	66-138	
541-73-1	1,3-Dichlorobenzene	214	**225**	**105**	65-127	
106-46-7	1,4-Dichlorobenzene	214	**220**	**103**	65-125	
95-50-1	1,2-Dichlorobenzene	214	**222**	**104**	67-128	
5989-27-5	d-Limonene	212	**190**	**90**	65-136	
96-12-8	1,2-Dibromo-3-chloropropane	214	**255**	**119**	73-133	
120-82-1	1,2,4-Trichlorobenzene	216	**260**	**120**	62-140	
91-20-3	Naphthalene	212	**257**	**121**	57-149	
87-68-3	Hexachlorobutadiene	214	**237**	**111**	57-129	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003738
Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P200715-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
115-07-1	Propene	210	**162**	**77**	51-133	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**187**	**89**	64-115	
74-87-3	Chloromethane	212	**161**	**76**	49-127	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	206	**183**	**89**	65-114	
75-01-4	Vinyl Chloride	212	**167**	**79**	61-129	
106-99-0	1,3-Butadiene	212	**180**	**85**	54-140	
74-83-9	Bromomethane	212	**186**	**88**	68-120	
75-00-3	Chloroethane	214	**171**	**80**	63-123	
64-17-5	Ethanol	1,060	**779**	**73**	49-134	
75-05-8	Acetonitrile	214	**171**	**80**	50-137	
67-64-1	Acetone	1,070	**824**	**77**	56-125	
75-69-4	Trichlorofluoromethane (CFC 11)	212	**197**	**93**	64-115	
67-63-0	2-Propanol (Isopropyl Alcohol)	422	**348**	**82**	57-133	
107-13-1	Acrylonitrile	212	**176**	**83**	64-136	
75-35-4	1,1-Dichloroethene	214	**193**	**90**	67-115	
75-09-2	Methylene Chloride	210	**187**	**89**	68-114	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	214	**165**	**77**	55-139	
76-13-1	Trichlorotrifluoroethane (CFC 113)	216	**204**	**94**	65-115	
75-15-0	Carbon Disulfide	212	**186**	**88**	68-113	
156-60-5	trans-1,2-Dichloroethene	214	**200**	**93**	65-122	
75-34-3	1,1-Dichloroethane	212	**177**	**83**	63-118	
1634-04-4	Methyl tert-Butyl Ether	214	**199**	**93**	57-131	
108-05-4	Vinyl Acetate	1,070	**1070**	**100**	71-128	
78-93-3	2-Butanone (MEK)	212	**188**	**89**	67-123	
156-59-2	cis-1,2-Dichloroethene	212	**189**	**89**	64-120	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003738
Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P200715-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
141-78-6	Ethyl Acetate	432	**372**	**86**	64-131	
110-54-3	n-Hexane	216	**169**	**78**	58-125	
67-66-3	Chloroform	214	**192**	**90**	65-114	
109-99-9	Tetrahydrofuran (THF)	220	**195**	**89**	65-115	
107-06-2	1,2-Dichloroethane	214	**204**	**95**	59-119	
71-55-6	1,1,1-Trichloroethane	214	**208**	**97**	66-115	
71-43-2	Benzene	210	**181**	**86**	66-109	
56-23-5	Carbon Tetrachloride	208	**209**	**100**	66-119	
110-82-7	Cyclohexane	422	**368**	**87**	67-117	
78-87-5	1,2-Dichloropropane	214	**179**	**84**	66-119	
75-27-4	Bromodichloromethane	218	**202**	**93**	71-119	
79-01-6	Trichloroethene	216	**205**	**95**	70-114	
123-91-1	1,4-Dioxane	216	**208**	**96**	71-117	
80-62-6	Methyl Methacrylate	430	**421**	**98**	76-121	
142-82-5	n-Heptane	214	**181**	**85**	66-119	
10061-01-5	cis-1,3-Dichloropropene	214	**213**	**100**	72-125	
108-10-1	4-Methyl-2-pentanone	212	**186**	**88**	68-130	
10061-02-6	trans-1,3-Dichloropropene	212	**207**	**98**	71-132	
79-00-5	1,1,2-Trichloroethane	214	**201**	**94**	70-117	
108-88-3	Toluene	212	**192**	**91**	67-113	
591-78-6	2-Hexanone	216	**199**	**92**	62-135	
124-48-1	Dibromochloromethane	214	**221**	**103**	73-126	
106-93-4	1,2-Dibromoethane	214	**215**	**100**	71-122	
123-86-4	n-Butyl Acetate	218	**202**	**93**	65-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003738
Client Project ID: **Tel Hashomer / KTE-69-20-Simi** ALS Sample ID: P200715-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
111-65-9	n-Octane	216	**180**	**83**	63-120	
127-18-4	Tetrachloroethene	208	**206**	**99**	64-120	
108-90-7	Chlorobenzene	214	**194**	**91**	65-116	
100-41-4	Ethylbenzene	212	**197**	**93**	65-117	
179601-23-1	m,p-Xylenes	426	**398**	**93**	64-121	
75-25-2	Bromoform	214	**243**	**114**	72-130	
100-42-5	Styrene	212	**213**	**100**	72-126	
95-47-6	o-Xylene	214	**197**	**92**	64-120	
111-84-2	n-Nonane	214	**174**	**81**	56-132	
79-34-5	1,1,2,2-Tetrachloroethane	214	**193**	**90**	66-122	
98-82-8	Cumene	214	**200**	**93**	64-121	
80-56-8	alpha-Pinene	212	**195**	**92**	62-136	
103-65-1	n-Propylbenzene	214	**199**	**93**	65-123	
622-96-8	4-Ethyltoluene	210	**191**	**91**	71-126	
108-67-8	1,3,5-Trimethylbenzene	212	**198**	**93**	65-120	
95-63-6	1,2,4-Trimethylbenzene	212	**204**	**96**	63-129	
100-44-7	Benzyl Chloride	214	**246**	**115**	66-138	
541-73-1	1,3-Dichlorobenzene	214	**217**	**101**	65-127	
106-46-7	1,4-Dichlorobenzene	214	**211**	**99**	65-125	
95-50-1	1,2-Dichlorobenzene	214	**212**	**99**	67-128	
5989-27-5	d-Limonene	212	**179**	**84**	65-136	
96-12-8	1,2-Dibromo-3-chloropropane	214	**243**	**114**	73-133	
120-82-1	1,2,4-Trichlorobenzene	216	**247**	**114**	62-140	
91-20-3	Naphthalene	212	**243**	**115**	57-149	
87-68-3	Hexachlorobutadiene	214	**226**	**106**	57-129	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Response Factor Report MS09

Method Path : I:\MS09\Methods\
Method File : R9061120.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
Last Update : Thu Jun 11 21:23:59 2020
Response Via : Initial Calibration

6/12/20

Calibration Files
0.1 =06112026.D 0.2 =06112027.D 0.5 =06112028.D 1.0 =06112029.D 5.0 =06112030.D 25 =06112
100 =06112033.D

		Compound	0.1	0.2	0.5	1.0	5.0	25	50	100	Avg	%RSD
1)	IR	Bromochloromethane...	----------ISTD----------									
2)	T	Propene	0.842	0.800	0.902	0.823	0.950	0.863	0.913	0.898	0.874	5.82
3)	T	Dichlorodifluo...	1.868	1.774	1.939	1.755	1.640	1.705	1.561	1.460	1.713	9.18
4)	T	Chloromethane	1.146	1.035	1.256	1.124	0.968	1.172	0.986	0.705	1.049	16.21
5)	T	1,2-Dichloro-1...	0.963	0.928	1.080	0.984	0.899	0.939	0.906	0.869	0.946	6.90
6)	T	Vinyl Chloride	1.038	1.018	1.222	1.118	1.063	1.113	1.064	1.021	1.082	6.28
7)	T	1,3-Butadiene	0.655	0.587	0.798	0.732	0.741	0.830	0.796	0.763	0.738	10.96
8)	T	Bromomethane	0.812	0.813	0.967	0.910	0.792	0.905	0.843	0.800	0.855	7.51
9)	T	Chloroethane	0.653	0.577	0.685	0.652	0.617	0.648	0.608	0.567	0.626	6.52
10)	T	Ethanol	0.641	0.622	0.674	0.607	0.566	0.596	0.536	0.467	0.589	11.04
11)	T	Acetonitrile	1.085	1.233	1.494	1.420	1.377	1.472	1.353	1.260	1.337	10.26
12)	T	Acrolein	0.237	0.333	0.516	0.496	0.534	0.583	0.543	0.510	0.469	25.41
13)	T	Acetone	0.709	0.689	0.717	0.674	0.620	0.630	0.553	0.470	0.633	13.49
14)	T	Trichlorofluor...	1.693	1.590	1.750	1.622	1.506	1.581	1.465	1.387	1.574	7.57
15)	T	2-Propanol (Is...	1.842	1.935	2.149	2.039	1.620	1.981	1.490	1.125	1.773	19.18
16)	T	Acrylonitrile			1.087	1.090	1.096	1.199	1.106	1.036	1.103	4.82
17)	T	1,1-Dichloroet...	0.981	0.954	1.044	0.979	0.925	0.982	0.913	0.863	0.955	5.74
18)	T	2-Methyl-2-Pro...	2.106	1.995	2.327	2.168	2.049	2.135	1.905	1.057	1.968	19.75
19)	T	Methylene Chlo...	0.921	0.937	1.064	0.977	0.949	1.007	0.924	0.863	0.955	6.38
20)	T	3-Chloro-1-pro...	1.102	1.219	1.290	1.210	1.197	1.248	1.120	1.036	1.178	7.16
21)	T	Trichlorotrifl...	0.977	0.964	1.041	0.974	0.900	0.948	0.884	0.834	0.940	6.91
22)	T	Carbon Disulfide	3.373	3.322	3.701	3.448	3.440	3.564	3.239	2.930	3.377	6.81
23)	T	trans-1,2-Dich...	0.932	1.011	1.268	1.216	1.197	1.295	1.199	1.119	1.155	10.92
24)	T	1,1-Dichloroet...	1.586	1.515	1.688	1.589	1.497	1.593	1.460	1.347	1.534	6.76
25)	T	Methyl tert-Bu...	2.584	2.492	2.914	2.688	2.532	2.713	2.538	2.394	2.607	6.18
26)	T	Vinyl Acetate	0.133	0.165	0.218	0.212	0.220	0.237	0.213	0.186	0.198	17.41
27)	T	2-Butanone (MEK)			0.596	0.590	0.612	0.670	0.623	0.579	0.612	5.29
28)	T	cis-1,2-Dichlo...	1.069	1.092	1.287	1.220	1.165	1.242	1.144	1.063	1.160	7.21
29)	T	Diisopropyl Ether	0.964	0.950	0.958	0.843	0.786	0.796	0.707	0.616	0.827	15.34
30)	T	Ethyl Acetate			0.316	0.315	0.312	0.322	0.275	0.223	0.294	13.13
31)	T	n-Hexane	1.600	1.532	1.672	1.551	1.436	1.420	1.203	0.971	1.423	16.26
32)	T	Chloroform	1.715	1.615	1.764	1.637	1.548	1.623	1.498	1.401	1.600	7.28
33)	S	1,2-Dichloroet...	1.251	1.261	1.255	1.259	1.251	1.251	1.242	1.225	1.249	0.93
34)	T	Tetrahydrofura...	0.552	0.539	0.636	0.619	0.586	0.639	0.589	0.545	0.588	6.89
35)	T	Ethyl tert-But...	1.064	1.074	1.248	1.154	1.103	1.174	1.092	1.010	1.115	6.67
36)	T	1,2-Dichloroet...	1.085	1.064	1.181	1.108	1.050	1.125	1.037	0.986	1.080	5.53
37)	IR	1,4-Difluorobenzen...	----------ISTD----------									
38)	T	1,1,1-Trichlor...	0.352	0.322	0.366	0.341	0.319	0.339	0.314	0.299	0.331	6.61
39)	T	Isopropyl Acetate	0.106	0.126	0.145	0.136	0.130	0.135	0.119	0.102	0.125	12.09
40)	T	1-Butanol			0.157	0.163	0.182	0.212	0.190	0.168	0.179	11.46
41)	T	Benzene	0.957	0.916	1.024	0.937	0.885	0.917	0.835	0.765	0.905	8.67
42)	T	Carbon Tetrach...	0.294	0.297	0.336	0.312	0.297	0.321	0.298	0.285	0.305	5.42
43)	T	Cyclohexane	0.383	0.357	0.404	0.370	0.347	0.355	0.319	0.281	0.352	10.80
44)	T	tert-Amyl Meth...	0.611	0.584	0.666	0.622	0.597	0.633	0.582	0.539	0.604	6.29
45)	T	1,2-Dichloropr...	0.223	0.204	0.234	0.220	0.205	0.218	0.199	0.182	0.211	7.75
46)	T	Bromodichlorom...	0.299	0.271	0.313	0.296	0.281	0.305	0.279	0.261	0.288	6.22
47)	T	Trichloroethene	0.280	0.260	0.294	0.273	0.256	0.273	0.255	0.239	0.266	6.45
48)	T	1,4-Dioxane	0.156	0.168	0.189	0.185	0.173	0.196	0.180	0.163	0.176	7.79
49)	T	2,2,4-Trimethy...	0.960	0.904	0.990	0.904	0.850	0.872	0.782	0.695	0.870	10.96
50)	T	Methyl Methacr...			0.089	0.090	0.090	0.101	0.093	0.085	0.091	5.93
51)	T	n-Heptane	0.244	0.220	0.252	0.232	0.216	0.228	0.208	0.190	0.224	8.85
52)	T	cis-1,3-Dichlo...	0.276	0.304	0.370	0.354	0.355	0.392	0.360	0.333	0.343	10.88
53)	T	4-Methyl-2-pen...			0.181	0.180	0.184	0.200	0.181	0.163	0.181	6.51
54)	T	trans-1,3-Dich...			0.294	0.291	0.310	0.351	0.327	0.307	0.313	7.11

55)	T	1,1,2-Trichlor...	0.210	0.213	0.248	0.232	0.219	0.238	0.219	0.204	0.223	6.73
56)	IR	Chlorobenzene-d5 (...	----------ISTD----------									
57)	S	Toluene-d8 (SS2)	2.593	2.599	2.592	2.577	2.565	2.561	2.573	2.566	2.578	0.56
58)	T	Toluene	2.529	2.275	2.557	2.325	2.173	2.241	2.057	1.867	2.253	10.18
59)	T	2-Hexanone			0.821	0.769	0.858	0.971	0.880	0.786	0.848	8.66
60)	T	Dibromochlorom...	0.577	0.581	0.645	0.622	0.627	0.681	0.641	0.607	0.623	5.53
61)	T	1,2-Dibromoethane	0.495	0.539	0.638	0.606	0.595	0.650	0.608	0.570	0.588	8.73
62)	T	n-Butyl Acetate			0.865	0.873	0.929	1.075	0.973	0.865	0.930	8.94
63)	T	n-Octane	0.427	0.407	0.465	0.436	0.406	0.424	0.381	0.337	0.410	9.38
64)	T	Tetrachloroethene	0.762	0.711	0.788	0.729	0.678	0.712	0.669	0.626	0.709	7.33
65)	T	Chlorobenzene	1.712	1.609	1.745	1.600	1.515	1.585	1.809	1.354	1.616	8.85
66)	T	Ethylbenzene	2.640	2.485	2.759	2.540	2.443	2.531	2.325	2.107	2.479	7.99
67)	T	m- & p-Xylenes	2.095	1.987	2.185	2.003	1.926	1.985	1.811	1.619	1.951	8.90
68)	T	Bromoform	0.441	0.466	0.535	0.515	0.532	0.603	0.572	0.547	0.527	10.01
69)	T	Styrene	1.491	1.315	1.615	1.558	1.573	1.681	1.549	1.413	1.524	7.63
70)	T	o-Xylene	2.046	1.987	2.181	2.010	1.924	1.969	1.805	1.622	1.943	8.63
71)	T	n-Nonane	0.903	0.861	0.957	0.884	0.859	0.866	0.759	0.645	0.842	11.49
72)	T	1,1,2,2-Tetrac...	0.958	0.884	1.020	0.949	0.917	0.954	0.865	0.765	0.914	8.41
73)	S	Bromofluoroben...	0.882	0.880	0.886	0.879	0.888	0.900	0.904	0.909	0.891	1.30
74)	T	Cumene	2.732	2.541	2.846	2.627	2.510	2.585	2.346	2.106	2.537	9.02
75)	T	alpha-Pinene	1.300	1.216	1.406	1.316	1.301	1.343	1.236	1.108	1.278	7.11
76)	T	n-Propylbenzene	3.051	2.995	3.291	3.048	2.947	3.035	2.737	2.433	2.942	8.68
77)	T	3-Ethyltoluene	2.446	2.442	2.627	2.513	2.472	2.517	2.367	2.173	2.445	5.43
78)	T	4-Ethyltoluene	2.512	2.404	2.779	2.522	2.426	2.594	2.275	1.971	2.435	9.80
79)	T	1,3,5-Trimethy...	2.311	2.194	2.432	2.224	2.103	2.168	1.979	1.793	2.150	9.16
80)	T	alpha-Methylst...	1.085	1.108	1.234	1.175	1.179	1.259	1.155	1.039	1.154	6.45
81)	T	2-Ethyltoluene	2.643	2.508	2.826	2.578	2.461	2.515	2.284	2.049	2.483	9.42
82)	T	1,2,4-Trimethy...	2.180	2.136	2.308	2.189	2.096	2.129	1.877	1.622	2.067	10.50
83)	T	n-Decane	1.022	1.005	1.147	1.066	1.037	1.021	0.880	0.725	0.988	13.09
84)	T	Benzyl Chloride	1.051	1.241	1.432	1.445	1.639	1.880	1.709	1.515	1.489	17.64
85)	T	1,3-Dichlorobe...	1.263	1.305	1.367	1.300	1.267	1.352	1.237	1.117	1.276	6.11
86)	T	1,4-Dichlorobe...	1.449	1.385	1.423	1.326	1.278	1.371	1.272	1.169	1.334	6.91
87)	T	sec-Butylbenzene	3.099	2.938	3.177	2.961	2.848	2.894	2.599	2.298	2.852	9.90
88)	T	4-Isopropyltol...	2.932	2.732	2.963	2.761	2.666	2.635	2.290	1.914	2.612	13.39
89)	T	1,2,3-Trimethy...	2.151	2.149	2.389	2.201	2.106	2.130	1.879	1.617	2.078	11.18
90)	T	1,2-Dichlorobe...	1.349	1.322	1.357	1.283	1.241	1.302	1.183	1.048	1.261	8.19
91)	T	d-Limonene	0.730	0.748	0.859	0.794	0.780	0.787	0.689	0.572	0.745	11.50
92)	T	1,2-Dibromo-3-...	0.344	0.371	0.428	0.427	0.455	0.516	0.485	0.462	0.436	13.02
93)	T	n-Undecane	1.072	1.013	1.107	1.055	1.055	1.064	0.934	0.793	1.012	10.11
94)	T	1,2,4-Trichlor...	0.848	0.910	0.832	0.860	0.910	1.047	0.976	0.907	0.911	7.81
95)	T	Naphthalene	2.376	2.668	2.387	2.463	2.729	3.141	2.889	2.583	2.655	9.95
96)	T	n-Dodecane	0.945	1.028	0.986	1.004	1.035	1.035	0.905	0.763	0.963	9.65
97)	T	Hexachlorobuta...	0.700	0.681	0.667	0.636	0.609	0.648	0.606	0.570	0.640	6.75
98)	T	Cyclohexanone	0.558	0.635	0.667	0.644	0.660	0.742	0.679	0.618	0.651	8.14
99)	T	tert-Butylbenzene	2.264	2.157	2.395	2.223	2.111	2.104	1.848	1.587	2.086	12.25
100)	T	n-Butylbenzene	2.139	2.147	2.361	2.228	2.185	2.269	2.026	1.792	2.143	8.08

(#) = Out of Range

R9061120.M Fri Jun 12 13:28:49 2020

Evaluate Continuing Calibration Report

Data File : I:\MS09\Data\2020 07\14\07142001.D Vial: 2
Acq On : 14 Jul 2020 4:48 Operator: SC
Sample : CCV R9071420 25ng Inst : MS09
Misc : S34-05292009/S34-07072001 (8/5)

TD 7/14/20

Quant Time: Jul 14 07:43:02 2020
Quant Method : I:\MS09\Methods\R9061120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Jun 11 21:23:59 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	110	-0.02
2	T	Propene	0.874	0.656	24.9	83	-0.01
3	T	Dichlorodifluoromethane (CF	1.713	1.495	12.7	96	0.00
4	T	Chloromethane	1.049	0.823	21.5	77	-0.01
5	T	1,2-Dichloro-1,1,2,2-tetraf	0.946	0.796	15.9	93	0.00
6	T	Vinyl Chloride	1.082	0.803	25.8	79	-0.01
7	T	1,3-Butadiene	0.738	0.584	20.9	77	-0.02
8	T	Bromomethane	0.855	0.737	13.8	89	-0.02
9	T	Chloroethane	0.626	0.491	21.6	83	-0.01
10	T	Ethanol	0.589	0.433	26.5	80	-0.06
11	T	Acetonitrile	1.337	1.052	21.3	78	-0.04
12	T	Acrolein	0.469	0.433	7.7	82	-0.03
13	T	Acetone	0.633	0.474	25.1	83	-0.03
14	T	Trichlorofluoromethane	1.574	1.445	8.2	100	-0.01
15	T	2-Propanol (Isopropanol)	1.773	1.457	17.8	81	-0.04
16	T	Acrylonitrile	1.103	0.896	18.8	82	-0.03
17	T	1,1-Dichloroethene	0.955	0.821	14.0	92	-0.01
18	T	2-Methyl-2-Propanol (tert-B	1.968	1.778	9.7	91	-0.04
19	T	Methylene Chloride	0.955	0.822	13.9	90	-0.02
20	T	3-Chloro-1-propene (Allyl C	1.178	0.912	22.6	80	-0.02
21	T	Trichlorotrifluoroethane	0.940	0.849	9.7	98	-0.01
22	T	Carbon Disulfide	3.377	2.854	15.5	88	-0.01
23	T	trans-1,2-Dichloroethene	1.155	1.036	10.3	88	-0.02
24	T	1,1-Dichloroethane	1.534	1.257	18.1	87	-0.02
25	T	Methyl tert-Butyl Ether	2.607	2.311	11.4	94	-0.01
26	T	Vinyl Acetate	0.198	0.192	3.0	89	-0.02
27	T	2-Butanone (MEK)	0.612	0.535	12.6	88	-0.02
28	T	cis-1,2-Dichloroethene	1.160	1.000	13.8	88	-0.02
29	T	Diisopropyl Ether	0.827	0.647	21.8	89	-0.01
30	T	Ethyl Acetate	0.294	0.243	17.3	83	-0.02
31	T	n-Hexane	1.423	1.072	24.7	83	0.00
32	T	Chloroform	1.600	1.398	12.6	95	-0.03
33	S	1,2-Dichloroethane-d4(SS1)	1.249	1.286	-3.0	113	-0.02
34	T	Tetrahydrofuran (THF)	0.588	0.498	15.3	85	-0.01
35	T	Ethyl tert-Butyl Ether	1.115	0.983	11.8	92	0.00
36	T	1,2-Dichloroethane	1.080	1.012	6.3	99	-0.02
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	107	-0.01
38	T	1,1,1-Trichloroethane	0.331	0.315	4.8	99	-0.01
39	T	Isopropyl Acetate	0.125	0.104	16.8	83	-0.01
40	T	1-Butanol	0.179	0.160	10.6	81	-0.03
41	T	Benzene	0.905	0.764	15.6	89	-0.01
42	T	Carbon Tetrachloride	0.305	0.303	0.7	101	-0.01
43	T	Cyclohexane	0.352	0.296	15.9	89	-0.01
44	T	tert-Amyl Methyl Ether	0.604	0.527	12.7	89	0.00
45	T	1,2-Dichloropropane	0.211	0.170	19.4	83	-0.01
46	T	Bromodichloromethane	0.288	0.269	6.6	94	-0.01
47	T	Trichloroethene	0.266	0.249	6.4	97	-0.01
48	T	1,4-Dioxane	0.176	0.164	6.8	90	-0.01
49	T	2,2,4-Trimethylpentane (Iso	0.870	0.679	22.0	83	0.00
50	T	Methyl Methacrylate	0.091	0.086	5.5	91	-0.01
51	T	n-Heptane	0.224	0.184	17.9	86	0.00
52	T	cis-1,3-Dichloropropene	0.343	0.327	4.7	89	0.00
53	T	4-Methyl-2-pentanone	0.181	0.156	13.8	84	-0.01
54	T	trans-1,3-Dichloropropene	0.313	0.304	2.9	93	0.00
55	T	1,1,2-Trichloroethane	0.223	0.205	8.1	92	0.00

Evaluate Continuing Calibration Report

Data File : I:\MS09\Data\2020 07\14\07142001.D Vial: 2
Acq On : 14 Jul 2020 4:48 Operator: SC
Sample : CCV R9071420 25ng Inst : MS09
Misc : S34-05292009/S34-07072001 (8/5)

Quant Time: Jul 14 07:43:02 2020
Quant Method : I:\MS09\Methods\R9061120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Jun 11 21:23:59 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
56	IR	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	106	0.00
57	S	Toluene-d8 (SS2)	2.578	2.555	0.9	106	0.00
58	T	Toluene	2.253	1.940	13.9	92	-0.01
59	T	2-Hexanone	0.848	0.777	8.4	85	-0.01
60	T	Dibromochloromethane	0.623	0.632	-1.4	98	0.00
61	T	1,2-Dibromoethane	0.588	0.580	1.4	94	0.00
62	T	n-Butyl Acetate	0.930	0.850	8.6	84	0.00
63	T	n-Octane	0.410	0.334	18.5	83	-0.01
64	T	Tetrachloroethene	0.709	0.680	4.1	101	0.00
65	T	Chlorobenzene	1.616	1.424	11.9	95	0.00
66	T	Ethylbenzene	2.479	2.230	10.0	93	0.00
67	T	m- & p-Xylenes	1.951	1.762	9.7	94	-0.01
68	T	Bromoform	0.527	0.584	-10.8	103	0.00
69	T	Styrene	1.524	1.488	2.4	94	0.00
70	T	o-Xylene	1.943	1.752	9.8	94	-0.01
71	T	n-Nonane	0.842	0.688	18.3	84	0.00
72	T	1,1,2,2-Tetrachloroethane	0.914	0.806	11.8	89	0.00
73	S	Bromofluorobenzene (SS3)	0.891	1.023	-14.8	120	0.00
74	T	Cumene	2.537	2.316	8.7	95	0.00
75	T	alpha-Pinene	1.278	1.162	9.1	92	0.00
76	T	n-Propylbenzene	2.942	2.688	8.6	94	0.00
77	T	3-Ethyltoluene	2.445	2.402	1.8	101	0.00
78	T	4-Ethyltoluene	2.435	2.204	9.5	90	0.00
79	T	1,3,5-Trimethylbenzene	2.150	1.960	8.8	96	0.00
80	T	alpha-Methylstyrene	1.154	1.095	5.1	92	0.00
81	T	2-Ethyltoluene	2.483	2.262	8.9	95	0.00
82	T	1,2,4-Trimethylbenzene	2.067	1.941	6.1	97	-0.01
83	T	n-Decane	0.988	0.832	15.8	86	0.00
84	T	Benzyl Chloride	1.489	1.698	-14.0	96	-0.01
85	T	1,3-Dichlorobenzene	1.276	1.287	-0.9	101	-0.01
86	T	1,4-Dichlorobenzene	1.334	1.314	1.5	101	0.00
87	T	sec-Butylbenzene	2.852	2.619	8.2	96	0.00
88	T	4-Isopropyltoluene (p-Cymen	2.612	2.455	6.0	99	0.00
89	T	1,2,3-Trimethylbenzene	2.078	1.952	6.1	97	0.00
90	T	1,2-Dichlorobenzene	1.261	1.248	1.0	101	0.00
91	T	d-Limonene	0.745	0.627	15.8	84	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.436	0.504	-15.6	103	0.00
93	T	n-Undecane	1.012	0.893	11.8	89	0.00
94	T	1,2,4-Trichlorobenzene	0.911	1.057	-16.0	107	0.00
95	T	Naphthalene	2.655	3.047	-14.8	103	0.00
96	T	n-Dodecane	0.963	0.908	5.7	93	0.00
97	T	Hexachlorobutadiene	0.640	0.676	-5.6	110	0.00
98	T	Cyclohexanone	0.651	0.573	12.0	82	-0.01
99	T	tert-Butylbenzene	2.086	1.951	6.5	98	0.00
100	T	n-Butylbenzene	2.143	2.059	3.9	96	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : I:\MS09\Data\2020 07\15\07152001.D Vial: 2
Acq On : 15 Jul 2020 00:28 Operator: SC
Sample : CCV R9071520 25ng Inst : MS09
Misc : S34-05292009/S34-07072001 (8/5)

TD 7/15/20

Quant Time: Jul 15 07:30:20 2020
Quant Method : I:\MS09\Methods\R9061120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Jun 11 21:23:59 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	122	-0.02
2	T	Propene	0.874	0.628	28.1	89	0.00
3	T	Dichlorodifluoromethane (CF	1.713	1.412	17.6	101	0.00
4	T	Chloromethane	1.049	0.810	22.8	84	-0.01
5	T	1,2-Dichloro-1,1,2,2-tetraf	0.946	0.794	16.1	103	0.00
6	T	Vinyl Chloride	1.082	0.805	25.6	88	0.00
7	T	1,3-Butadiene	0.738	0.585	20.7	86	-0.01
8	T	Bromomethane	0.855	0.736	13.9	99	-0.01
9	T	Chloroethane	0.626	0.488	22.0	92	-0.01
10	T	Ethanol	0.589	0.420	28.7	86	-0.06
11	T	Acetonitrile	1.337	1.012	24.3	84	-0.04
12	T	Acrolein	0.469	0.421	10.2	88	-0.03
13	T	Acetone	0.633	0.457	27.8	89	-0.03
14	T	Trichlorofluoromethane	1.574	1.357	13.8	105	0.00
15	T	2-Propanol (Isopropanol)	1.773	1.373	22.6	85	-0.04
16	T	Acrylonitrile	1.103	0.856	22.4	87	-0.03
17	T	1,1-Dichloroethene	0.955	0.802	16.0	100	-0.01
18	T	2-Methyl-2-Propanol (tert-B	1.968	1.714	12.9	98	-0.04
19	T	Methylene Chloride	0.955	0.799	16.3	97	-0.02
20	T	3-Chloro-1-propene (Allyl C	1.178	0.868	26.3	85	-0.02
21	T	Trichlorotrifluoroethane	0.940	0.828	11.9	107	-0.01
22	T	Carbon Disulfide	3.377	2.770	18.0	95	-0.01
23	T	trans-1,2-Dichloroethene	1.155	0.996	13.8	94	-0.02
24	T	1,1-Dichloroethane	1.534	1.205	21.4	92	-0.02
25	T	Methyl tert-Butyl Ether	2.607	2.230	14.5	100	-0.01
26	T	Vinyl Acetate	0.198	0.186	6.1	96	-0.03
27	T	2-Butanone (MEK)	0.612	0.513	16.2	94	-0.02
28	T	cis-1,2-Dichloroethene	1.160	0.956	17.6	94	-0.02
29	T	Diisopropyl Ether	0.827	0.633	23.5	97	-0.01
30	T	Ethyl Acetate	0.294	0.235	20.1	89	-0.02
31	T	n-Hexane	1.423	1.039	27.0	89	0.00
32	T	Chloroform	1.600	1.329	16.9	100	-0.03
33	S	1,2-Dichloroethane-d4(SS1)	1.249	1.251	-0.2	122	-0.02
34	T	Tetrahydrofuran (THF)	0.588	0.489	16.8	93	-0.01
35	T	Ethyl tert-Butyl Ether	1.115	0.957	14.2	100	-0.01
36	T	1,2-Dichloroethane	1.080	0.949	12.1	103	-0.01
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	120	-0.01
38	T	1,1,1-Trichloroethane	0.331	0.296	10.6	105	-0.01
39	T	Isopropyl Acetate	0.125	0.100	20.0	89	-0.01
40	T	1-Butanol	0.179	0.152	15.1	86	-0.04
41	T	Benzene	0.905	0.735	18.8	96	-0.01
42	T	Carbon Tetrachloride	0.305	0.284	6.9	106	-0.01
43	T	Cyclohexane	0.352	0.285	19.0	96	-0.01
44	T	tert-Amyl Methyl Ether	0.604	0.510	15.6	97	0.00
45	T	1,2-Dichloropropane	0.211	0.163	22.7	90	-0.01
46	T	Bromodichloromethane	0.288	0.255	11.5	100	-0.01
47	T	Trichloroethene	0.266	0.239	10.2	105	-0.01
48	T	1,4-Dioxane	0.176	0.157	10.8	96	-0.01
49	T	2,2,4-Trimethylpentane (Iso	0.870	0.648	25.5	89	0.00
50	T	Methyl Methacrylate	0.091	0.084	7.7	100	-0.01
51	T	n-Heptane	0.224	0.176	21.4	93	0.00
52	T	cis-1,3-Dichloropropene	0.343	0.313	8.7	96	0.00
53	T	4-Methyl-2-pentanone	0.181	0.149	17.7	89	-0.01
54	T	trans-1,3-Dichloropropene	0.313	0.289	7.7	99	0.00
55	T	1,1,2-Trichloroethane	0.223	0.197	11.7	100	-0.01

Evaluate Continuing Calibration Report

Data File : I:\MS09\Data\2020 07\15\07152001.D Vial: 2
Acq On : 15 Jul 2020 00:28 Operator: SC
Sample : CCV R9071520 25ng Inst : MS09
Misc : S34-05292009/S34-07072001 (8/5)

Quant Time: Jul 15 07:30:20 2020
Quant Method : I:\MS09\Methods\R9061120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Jun 11 21:23:59 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
56	IR	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	118	0.00
57	S	Toluene-d8 (SS2)	2.578	2.584	-0.2	119	0.00
58	T	Toluene	2.253	1.885	16.3	99	-0.01
59	T	2-Hexanone	0.848	0.724	14.6	88	-0.01
60	T	Dibromochloromethane	0.623	0.604	3.0	105	0.00
61	T	1,2-Dibromoethane	0.588	0.554	5.8	101	0.00
62	T	n-Butyl Acetate	0.930	0.796	14.4	87	0.00
63	T	n-Octane	0.410	0.320	22.0	89	-0.01
64	T	Tetrachloroethene	0.709	0.659	7.1	109	0.00
65	T	Chlorobenzene	1.616	1.375	14.9	102	0.00
66	T	Ethylbenzene	2.479	2.152	13.2	100	0.00
67	T	m- & p-Xylenes	1.951	1.703	12.7	101	-0.01
68	T	Bromoform	0.527	0.558	-5.9	109	0.00
69	T	Styrene	1.524	1.427	6.4	100	0.00
70	T	o-Xylene	1.943	1.687	13.2	101	-0.01
71	T	n-Nonane	0.842	0.644	23.5	88	0.00
72	T	1,1,2,2-Tetrachloroethane	0.914	0.765	16.3	95	0.00
73	S	Bromofluorobenzene (SS3)	0.891	1.022	-14.7	134	0.00
74	T	Cumene	2.537	2.225	12.3	102	0.00
75	T	alpha-Pinene	1.278	1.114	12.8	98	0.00
76	T	n-Propylbenzene	2.942	2.559	13.0	100	0.00
77	T	3-Ethyltoluene	2.445	2.295	6.1	108	0.00
78	T	4-Ethyltoluene	2.435	2.102	13.7	96	0.00
79	T	1,3,5-Trimethylbenzene	2.150	1.877	12.7	102	0.00
80	T	alpha-Methylstyrene	1.154	1.036	10.2	97	0.00
81	T	2-Ethyltoluene	2.483	2.155	13.2	101	0.00
82	T	1,2,4-Trimethylbenzene	2.067	1.838	11.1	102	-0.01
83	T	n-Decane	0.988	0.780	21.1	90	0.00
84	T	Benzyl Chloride	1.489	1.605	-7.8	101	-0.01
85	T	1,3-Dichlorobenzene	1.276	1.216	4.7	106	-0.01
86	T	1,4-Dichlorobenzene	1.334	1.245	6.7	107	0.00
87	T	sec-Butylbenzene	2.852	2.463	13.6	100	0.00
88	T	4-Isopropyltoluene (p-Cymen	2.612	2.322	11.1	104	0.00
89	T	1,2,3-Trimethylbenzene	2.078	1.843	11.3	102	0.00
90	T	1,2-Dichlorobenzene	1.261	1.171	7.1	106	0.00
91	T	d-Limonene	0.745	0.588	21.1	88	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.436	0.472	-8.3	108	0.00
93	T	n-Undecane	1.012	0.831	17.9	92	0.00
94	T	1,2,4-Trichlorobenzene	0.911	0.992	-8.9	112	0.00
95	T	Naphthalene	2.655	2.834	-6.7	107	0.00
96	T	n-Dodecane	0.963	0.836	13.2	95	0.00
97	T	Hexachlorobutadiene	0.640	0.629	1.7	114	0.00
98	T	Cyclohexanone	0.651	0.535	17.8	85	-0.02
99	T	tert-Butylbenzene	2.086	1.849	11.4	104	0.00
100	T	n-Butylbenzene	2.143	1.912	10.8	100	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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LABORATORY REPORT

July 20, 2020

Eyal Shvartz
Dr. Katz Technologies & Enterprises (KTE)
HaMeginim Ave. 53
Haifa, ISR-HA 33265

RE: Tel Hashomer / KTE-70-20-Simi

Dear Eyal:

Enclosed are the results of the samples submitted to our laboratory on July 6, 2020. For your reference, these analyses have been assigned our service request number P2003737.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Sue Anderson at 1:23 pm, Jul 20, 2020

Sue Anderson
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request No: P2003737
Project: Tel Hashomer / KTE-70-20-Simi

CASE NARRATIVE

The samples were received intact under chain of custody on July 6, 2020 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.1 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-007
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

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DETAIL SUMMARY REPORT

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request: P2003737

Project ID: Tel Hashomer / KTE-70-20-Simi

Date Received: 7/6/2020

Time Received: 09:00

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	TO-15 - VOC Cans
SG-22	P2003737-001	Air	7/1/2020	11:14	1SC01007	-2.01	6.51	X
SG-79	P2003737-002	Air	7/1/2020	12:34	1SC00758	-2.35	5.45	X
SG-59	P2003737-003	Air	7/1/2020	13:40	1SS00123	-2.30	6.24	X
A-B	P2003737-004	Air	7/1/2020	13:48	1SS00227	-2.80	5.66	X

Air - Chain of Custody Record & Analytical Service Request

Page ____ of ____

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526 7161

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No.: P2003737

ALS Contact:

Company Name & Address (Reporting Information): KTE [illegible]

Project Name: Ecology [illegible]

Project Number: KTE-7-0-20-Simi

Project Manager:

Phone: | Fax:

P.O. # / Billing Information:

Email Address for Result Reporting:

Sampler (Print & Sign): [illegible]

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	TO-15 (Analysis Method)	Analysis Method	Comments e.g. Actual Preservative or specific instructions
SG-22	1	[illegible]	[illegible]	[illegible]	[illegible]	-29	-5	1L	✓		
SG-19	2	[illegible]	[illegible]	[illegible]	[illegible]	-27	-5	1L	✓		
SG-59	3	[illegible]	[illegible]	[illegible]	[illegible]	-30	-5	1L	✓		
A-B	4	[illegible]	[illegible]	[illegible]	[illegible]	-29	-5	1L	✓		

Report Tier Levels - please select
Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) 10% Surcharge ____

EDD required Yes / No
Type: ____ Units: ____

Chain of Custody Seal: (Circle)
INTACT BROKEN ABSENT

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[illegible]	[illegible]				
			[signature]	7-6-20	0900

Cooler / Blank Temperature ____ °C

ALS Environmental

Sample Acceptance Check Form

Client: Dr. Katz Technologies & Enterprises (KTE) Work order: P2003737

Project: Tel Hashomer / KTE-70-20-Simi

Sample(s) received on: 7/6/20 Date opened: 7/6/20 by: ADAVID

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2003737-001.01	1.0 L Source Can					
P2003737-002.01	1.0 L Source Can					
P2003737-003.01	1.0 L Source Silonite Canister					
P2003737-004.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers): _____

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-22** ALS Project ID: P2003737
Client Project ID: **Tel Hashomer / KTE-70-20-Simi** ALS Sample ID: P2003737-001

Test Code: EPA TO-15 Date Collected: 7/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Topacio De Leon Date Analyzed: 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC01007

Initial Pressure (psig): -2.01 Final Pressure (psig): 6.51

Canister Dilution Factor: 1.67

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**10**	22	5.4	**6.1**	13	3.2	**JD**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	2.2	0.36	**0.48**	0.45	0.073	
74-87-3	Chloromethane	**0.76**	2.2	0.36	**0.37**	1.1	0.17	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.35	2.2	0.35	<0.050	0.32	0.050	
75-01-4	Vinyl Chloride	<0.24	2.3	0.24	<0.093	0.88	0.093	
106-99-0	1,3-Butadiene	<0.37	2.2	0.37	<0.17	1.0	0.17	
74-83-9	Bromomethane	**0.36**	2.3	0.31	**0.093**	0.58	0.080	**J**
75-00-3	Chloroethane	<0.28	2.3	0.28	<0.10	0.85	0.10	
64-17-5	Ethanol	**96**	22	1.5	**51**	12	0.82	
75-05-8	Acetonitrile	**0.69**	2.2	0.54	**0.41**	1.3	0.32	**J**
67-64-1	Acetone	**74**	22	5.0	**31**	9.3	2.1	
75-69-4	Trichlorofluoromethane (CFC 11)	**2.7**	2.2	0.34	**0.48**	0.39	0.060	
67-63-0	2-Propanol (Isopropyl Alcohol)	**3,000**	88	9.2	**1,200**	36	3.7	**D**
107-13-1	Acrylonitrile	<0.46	2.2	0.46	<0.21	1.0	0.21	
75-35-4	1,1-Dichloroethene	<0.31	2.3	0.31	<0.078	0.57	0.078	
75-09-2	Methylene Chloride	<0.63	2.2	0.63	<0.18	0.64	0.18	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.30	2.3	0.30	<0.096	0.72	0.096	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.54**	2.3	0.32	**0.071**	0.29	0.041	**J**
75-15-0	Carbon Disulfide	**2.4**	4.6	0.67	**0.76**	1.5	0.21	**J**
156-60-5	trans-1,2-Dichloroethene	<0.31	2.3	0.31	<0.078	0.57	0.078	
75-34-3	1,1-Dichloroethane	<0.33	2.3	0.33	<0.080	0.57	0.080	
1634-04-4	Methyl tert-Butyl Ether	<0.26	2.3	0.26	<0.073	0.63	0.073	
108-05-4	Vinyl Acetate	**17**	23	5.0	**4.8**	6.4	1.4	**J**
78-93-3	2-Butanone (MEK)	**10**	4.6	0.46	**3.4**	1.6	0.16	
156-59-2	cis-1,2-Dichloroethene	<0.31	2.2	0.31	<0.079	0.56	0.079	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
D = The reported result is from a dilution.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-22** ALS Project ID: P2003737
Client Project ID: **Tel Hashomer / KTE-70-20-Simi** ALS Sample ID: P2003737-001

Test Code: EPA TO-15 Date Collected: 7/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Topacio De Leon Date Analyzed: 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC01007

Initial Pressure (psig): -2.01 Final Pressure (psig): 6.51

Canister Dilution Factor: 1.67

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
141-78-6	Ethyl Acetate	<1.2	4.6	1.2	<0.32	1.3	0.32	
110-54-3	n-Hexane	**0.66**	2.3	0.46	**0.19**	0.64	0.13	**J**
67-66-3	Chloroform	**0.44**	2.3	0.30	**0.090**	0.46	0.061	**J**
109-99-9	Tetrahydrofuran (THF)	**0.30**	2.3	0.28	**0.10**	0.78	0.095	**J**
107-06-2	1,2-Dichloroethane	<0.25	2.3	0.25	<0.061	0.56	0.061	
71-55-6	1,1,1-Trichloroethane	<0.28	2.3	0.28	<0.051	0.41	0.051	
71-43-2	Benzene	**1.0**	2.2	0.32	**0.31**	0.69	0.10	**J**
56-23-5	Carbon Tetrachloride	<0.31	2.2	0.31	<0.049	0.35	0.049	
110-82-7	Cyclohexane	<0.63	4.6	0.63	<0.18	1.3	0.18	
78-87-5	1,2-Dichloropropane	<0.28	2.3	0.28	<0.060	0.49	0.060	
75-27-4	Bromodichloromethane	<0.32	2.3	0.32	<0.048	0.34	0.048	
79-01-6	Trichloroethene	<0.30	2.3	0.30	<0.056	0.42	0.056	
123-91-1	1,4-Dioxane	**1.1**	2.3	0.26	**0.29**	0.63	0.073	**J**
80-62-6	Methyl Methacrylate	<0.79	4.6	0.79	<0.19	1.1	0.19	
142-82-5	n-Heptane	**0.75**	2.3	0.35	**0.18**	0.55	0.087	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.35	2.2	0.35	<0.076	0.48	0.076	
108-10-1	4-Methyl-2-pentanone	**0.91**	2.2	0.30	**0.22**	0.54	0.074	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.46	2.2	0.46	<0.10	0.49	0.10	
79-00-5	1,1,2-Trichloroethane	<0.23	2.3	0.23	<0.041	0.41	0.041	
108-88-3	Toluene	**13**	2.3	0.27	**3.5**	0.60	0.072	
591-78-6	2-Hexanone	**1.9**	2.3	0.28	**0.46**	0.55	0.067	**J**
124-48-1	Dibromochloromethane	<0.29	2.3	0.29	<0.034	0.26	0.034	
106-93-4	1,2-Dibromoethane	<0.26	2.3	0.26	<0.034	0.29	0.034	
123-86-4	n-Butyl Acetate	**0.39**	2.3	0.30	**0.083**	0.48	0.064	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

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RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-22** ALS Project ID: P2003737
Client Project ID: **Tel Hashomer / KTE-70-20-Simi** ALS Sample ID: P2003737-001

Test Code: EPA TO-15 Date Collected: 7/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Topacio De Leon Date Analyzed: 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC01007

Initial Pressure (psig): -2.01 Final Pressure (psig): 6.51

Canister Dilution Factor: 1.67

CAS #	Compound	Result µg/m³		MRL µg/m³	MDL µg/m³	Result ppbV		MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**0.74**		2.3	0.50	**0.16**		0.48	0.11	**J**
127-18-4	Tetrachloroethene	**2.2**		2.2	0.29	**0.33**		0.32	0.042	
108-90-7	Chlorobenzene		<0.30	2.3	0.30		<0.064	0.49	0.064	
100-41-4	Ethylbenzene	**1.6**		2.3	0.31	**0.38**		0.52	0.072	**J**
179601-23-1	m,p-Xylenes	**6.8**		4.6	0.58	**1.6**		1.1	0.13	
75-25-2	Bromoform		<0.46	2.3	0.46		<0.044	0.22	0.044	
100-42-5	Styrene	**0.61**		2.2	0.36	**0.14**		0.52	0.084	**J**
95-47-6	o-Xylene	**2.6**		2.3	0.32	**0.60**		0.52	0.074	
111-84-2	n-Nonane	**0.40**		2.3	0.37	**0.077**		0.43	0.071	**J**
79-34-5	1,1,2,2-Tetrachloroethane		<0.31	2.3	0.31		<0.045	0.33	0.045	
98-82-8	Cumene		<0.32	2.3	0.32		<0.065	0.46	0.065	
80-56-8	alpha-Pinene		<0.34	2.3	0.34		<0.061	0.40	0.061	
103-65-1	n-Propylbenzene	**0.70**		2.3	0.32	**0.14**		0.46	0.065	**J**
622-96-8	4-Ethyltoluene	**0.65**		2.3	0.35	**0.13**		0.46	0.072	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.55**		2.2	0.32	**0.11**		0.45	0.065	**J**
95-63-6	1,2,4-Trimethylbenzene	**2.7**		2.3	0.31	**0.55**		0.46	0.063	
100-44-7	Benzyl Chloride		<0.50	4.6	0.50		<0.097	0.89	0.097	
541-73-1	1,3-Dichlorobenzene		<0.33	2.3	0.33		<0.056	0.38	0.056	
106-46-7	1,4-Dichlorobenzene		<0.34	2.3	0.34		<0.057	0.38	0.057	
95-50-1	1,2-Dichlorobenzene		<0.33	2.3	0.33		<0.055	0.38	0.055	
5989-27-5	d-Limonene	**1.2**		2.3	0.46	**0.21**		0.40	0.082	**J**
96-12-8	1,2-Dibromo-3-chloropropane		<0.42	2.2	0.42		<0.043	0.23	0.043	
120-82-1	1,2,4-Trichlorobenzene		<0.54	2.3	0.54		<0.073	0.30	0.073	
91-20-3	Naphthalene	**0.94**		2.2	0.54	**0.18**		0.41	0.10	**J**
87-68-3	Hexachlorobutadiene		<0.46	2.2	0.46		<0.043	0.21	0.043	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-79** ALS Project ID: P2003737
Client Project ID: **Tel Hashomer / KTE-70-20-Simi** ALS Sample ID: P2003737-002

Test Code: EPA TO-15 Date Collected: 7/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Topacio De Leon Date Analyzed: 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00758

Initial Pressure (psig): -2.35 Final Pressure (psig): 5.45

Canister Dilution Factor: 1.63

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**11**	22	5.3	**6.3**	13	3.1	**JD**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.3**	2.2	0.35	**0.47**	0.44	0.072	
74-87-3	Chloromethane	<0.35	2.2	0.35	<0.17	1.0	0.17	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.34	2.2	0.34	<0.049	0.31	0.049	
75-01-4	Vinyl Chloride	<0.23	2.2	0.23	<0.091	0.86	0.091	
106-99-0	1,3-Butadiene	<0.36	2.2	0.36	<0.16	0.98	0.16	
74-83-9	Bromomethane	<0.30	2.2	0.30	<0.078	0.57	0.078	
75-00-3	Chloroethane	<0.27	2.2	0.27	<0.10	0.83	0.10	
64-17-5	Ethanol	**80**	21	1.5	**42**	11	0.80	
75-05-8	Acetonitrile	<0.53	2.2	0.53	<0.32	1.3	0.32	
67-64-1	Acetone	**47**	22	4.9	**20**	9.1	2.1	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.4**	2.2	0.33	**0.25**	0.38	0.059	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2,400**	86	9.0	**980**	35	3.6	**D**
107-13-1	Acrylonitrile	<0.45	2.2	0.45	<0.21	1.0	0.21	
75-35-4	1,1-Dichloroethene	<0.30	2.2	0.30	<0.076	0.56	0.076	
75-09-2	Methylene Chloride	<0.61	2.2	0.61	<0.18	0.62	0.18	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.29	2.2	0.29	<0.094	0.70	0.094	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.55**	2.2	0.31	**0.071**	0.29	0.040	**J**
75-15-0	Carbon Disulfide	**2.1**	4.5	0.65	**0.69**	1.4	0.21	**J**
156-60-5	trans-1,2-Dichloroethene	<0.30	2.2	0.30	<0.076	0.56	0.076	
75-34-3	1,1-Dichloroethane	<0.32	2.2	0.32	<0.079	0.55	0.079	
1634-04-4	Methyl tert-Butyl Ether	<0.26	2.2	0.26	<0.071	0.61	0.071	
108-05-4	Vinyl Acetate	**9.2**	22	4.9	**2.6**	6.3	1.4	**J**
78-93-3	2-Butanone (MEK)	**4.4**	4.5	0.45	**1.5**	1.5	0.15	**J**
156-59-2	cis-1,2-Dichloroethene	<0.31	2.2	0.31	<0.077	0.54	0.077	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
D = The reported result is from a dilution.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-79** ALS Project ID: P2003737
Client Project ID: **Tel Hashomer / KTE-70-20-Simi** ALS Sample ID: P2003737-002

Test Code: EPA TO-15 Date Collected: 7/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Topacio De Leon Date Analyzed: 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00758

Initial Pressure (psig): -2.35 Final Pressure (psig): 5.45

Canister Dilution Factor: 1.63

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
141-78-6	Ethyl Acetate	**1.6**	4.5	1.1	**0.44**	1.2	0.32	**J**
110-54-3	n-Hexane	**1.1**	2.2	0.45	**0.32**	0.62	0.13	**J**
67-66-3	Chloroform	**1.2**	2.2	0.29	**0.24**	0.45	0.059	**J**
109-99-9	Tetrahydrofuran (THF)	**1.2**	2.2	0.27	**0.41**	0.76	0.093	**J**
107-06-2	1,2-Dichloroethane	<0.24	2.2	0.24	<0.059	0.54	0.059	
71-55-6	1,1,1-Trichloroethane	<0.27	2.2	0.27	<0.049	0.40	0.049	
71-43-2	Benzene	<0.31	2.2	0.31	<0.098	0.68	0.098	
56-23-5	Carbon Tetrachloride	**3.8**	2.2	0.30	**0.60**	0.34	0.048	
110-82-7	Cyclohexane	<0.61	4.5	0.61	<0.18	1.3	0.18	
78-87-5	1,2-Dichloropropane	<0.27	2.2	0.27	<0.058	0.48	0.058	
75-27-4	Bromodichloromethane	<0.31	2.2	0.31	<0.047	0.33	0.047	
79-01-6	Trichloroethene	<0.29	2.2	0.29	<0.055	0.41	0.055	
123-91-1	1,4-Dioxane	<0.26	2.2	0.26	<0.071	0.61	0.071	
80-62-6	Methyl Methacrylate	<0.77	4.5	0.77	<0.19	1.1	0.19	
142-82-5	n-Heptane	**1.4**	2.2	0.35	**0.34**	0.54	0.085	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.34	2.1	0.34	<0.075	0.47	0.075	
108-10-1	4-Methyl-2-pentanone	**0.46**	2.2	0.30	**0.11**	0.53	0.073	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.45	2.2	0.45	<0.099	0.48	0.099	
79-00-5	1,1,2-Trichloroethane	<0.22	2.2	0.22	<0.040	0.40	0.040	
108-88-3	Toluene	**4.2**	2.2	0.26	**1.1**	0.58	0.070	
591-78-6	2-Hexanone	**1.0**	2.2	0.27	**0.25**	0.54	0.066	**J**
124-48-1	Dibromochloromethane	<0.29	2.2	0.29	<0.033	0.26	0.033	
106-93-4	1,2-Dibromoethane	<0.25	2.2	0.25	<0.033	0.29	0.033	
123-86-4	n-Butyl Acetate	**0.56**	2.2	0.30	**0.12**	0.47	0.063	**J**

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MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-79** ALS Project ID: P2003737
Client Project ID: **Tel Hashomer / KTE-70-20-Simi** ALS Sample ID: P2003737-002

Test Code: EPA TO-15 Date Collected: 7/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Topacio De Leon Date Analyzed: 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00758

Initial Pressure (psig): -2.35 Final Pressure (psig): 5.45

Canister Dilution Factor: 1.63

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**1.3**	2.2	0.49	**0.29**	0.47	0.10	**J**
127-18-4	Tetrachloroethene	**27**	2.1	0.28	**4.0**	0.31	0.041	
108-90-7	Chlorobenzene	<0.29	2.2	0.29	<0.063	0.48	0.063	
100-41-4	Ethylbenzene	**0.31**	2.2	0.31	**0.070**	0.51	0.070	**J**
179601-23-1	m,p-Xylenes	**1.0**	4.5	0.57	**0.23**	1.0	0.13	**J**
75-25-2	Bromoform	<0.45	2.2	0.45	<0.043	0.21	0.043	
100-42-5	Styrene	<0.35	2.2	0.35	<0.082	0.51	0.082	
95-47-6	o-Xylene	**0.34**	2.2	0.31	**0.078**	0.51	0.072	**J**
111-84-2	n-Nonane	<0.36	2.2	0.36	<0.069	0.42	0.069	
79-34-5	1,1,2,2-Tetrachloroethane	<0.30	2.2	0.30	<0.044	0.32	0.044	
98-82-8	Cumene	<0.31	2.2	0.31	<0.064	0.45	0.064	
80-56-8	alpha-Pinene	<0.33	2.2	0.33	<0.060	0.40	0.060	
103-65-1	n-Propylbenzene	<0.31	2.2	0.31	<0.064	0.45	0.064	
622-96-8	4-Ethyltoluene	<0.35	2.2	0.35	<0.070	0.45	0.070	
108-67-8	1,3,5-Trimethylbenzene	<0.31	2.2	0.31	<0.064	0.44	0.064	
95-63-6	1,2,4-Trimethylbenzene	**0.51**	2.2	0.30	**0.10**	0.45	0.061	**J**
100-44-7	Benzyl Chloride	<0.49	4.5	0.49	<0.094	0.87	0.094	
541-73-1	1,3-Dichlorobenzene	<0.33	2.2	0.33	<0.054	0.37	0.054	
106-46-7	1,4-Dichlorobenzene	<0.33	2.2	0.33	<0.056	0.37	0.056	
95-50-1	1,2-Dichlorobenzene	<0.32	2.2	0.32	<0.054	0.37	0.054	
5989-27-5	d-Limonene	**1.0**	2.2	0.45	**0.19**	0.40	0.080	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.41	2.2	0.41	<0.042	0.22	0.042	
120-82-1	1,2,4-Trichlorobenzene	<0.53	2.2	0.53	<0.071	0.30	0.071	
91-20-3	Naphthalene	<0.53	2.1	0.53	<0.10	0.40	0.10	
87-68-3	Hexachlorobutadiene	<0.45	2.2	0.45	<0.042	0.20	0.042	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-59** ALS Project ID: P2003737
Client Project ID: **Tel Hashomer / KTE-70-20-Simi** ALS Sample ID: P2003737-003

Test Code: EPA TO-15 Date Collected: 7/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Topacio De Leon Date Analyzed: 7/15/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00123

Initial Pressure (psig): -2.30 Final Pressure (psig): 6.24

Canister Dilution Factor: 1.69

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**380**	2.2	0.55	**220**	1.3	0.32	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.5**	2.2	0.37	**0.51**	0.45	0.074	
74-87-3	Chloromethane	<0.36	2.2	0.36	<0.18	1.1	0.18	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.35	2.2	0.35	<0.051	0.32	0.051	
75-01-4	Vinyl Chloride	<0.24	2.3	0.24	<0.094	0.89	0.094	
106-99-0	1,3-Butadiene	<0.37	2.2	0.37	<0.17	1.0	0.17	
74-83-9	Bromomethane	<0.31	2.3	0.31	<0.081	0.59	0.081	
75-00-3	Chloroethane	<0.28	2.3	0.28	<0.11	0.86	0.11	
64-17-5	Ethanol	**130**	22	1.6	**71**	12	0.83	
75-05-8	Acetonitrile	<0.55	2.2	0.55	<0.33	1.3	0.33	
67-64-1	Acetone	**32**	22	5.1	**14**	9.4	2.1	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.5**	2.2	0.34	**0.26**	0.40	0.061	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1,900**	89	9.3	**790**	36	3.8	**D**
107-13-1	Acrylonitrile	<0.46	2.2	0.46	<0.21	1.0	0.21	
75-35-4	1,1-Dichloroethene	<0.31	2.3	0.31	<0.079	0.58	0.079	
75-09-2	Methylene Chloride	<0.63	2.2	0.63	<0.18	0.64	0.18	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.30	2.3	0.30	<0.097	0.73	0.097	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.47**	2.3	0.32	**0.061**	0.30	0.042	**J**
75-15-0	Carbon Disulfide	**7.3**	4.6	0.68	**2.3**	1.5	0.22	
156-60-5	trans-1,2-Dichloroethene	<0.31	2.3	0.31	<0.079	0.58	0.079	
75-34-3	1,1-Dichloroethane	<0.33	2.3	0.33	<0.081	0.57	0.081	
1634-04-4	Methyl tert-Butyl Ether	<0.27	2.3	0.27	<0.074	0.63	0.074	
108-05-4	Vinyl Acetate	<5.1	23	5.1	<1.4	6.5	1.4	
78-93-3	2-Butanone (MEK)	**1.7**	4.6	0.46	**0.59**	1.6	0.16	**J**
156-59-2	cis-1,2-Dichloroethene	**1.5**	2.2	0.32	**0.39**	0.57	0.080	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
D = The reported result is from a dilution.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-59** ALS Project ID: P2003737
Client Project ID: **Tel Hashomer / KTE-70-20-Simi** ALS Sample ID: P2003737-003

Test Code: EPA TO-15 Date Collected: 7/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Topacio De Leon Date Analyzed: 7/15/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00123

Initial Pressure (psig): -2.30 Final Pressure (psig): 6.24

Canister Dilution Factor: 1.69

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
141-78-6	Ethyl Acetate	<1.2	4.6	1.2	<0.33	1.3	0.33	
110-54-3	n-Hexane	<0.46	2.3	0.46	<0.13	0.65	0.13	
67-66-3	Chloroform	**12**	2.3	0.30	**2.4**	0.47	0.061	
109-99-9	Tetrahydrofuran (THF)	<0.28	2.3	0.28	<0.096	0.79	0.096	
107-06-2	1,2-Dichloroethane	<0.25	2.3	0.25	<0.062	0.56	0.062	
71-55-6	1,1,1-Trichloroethane	<0.28	2.3	0.28	<0.051	0.42	0.051	
71-43-2	Benzene	**0.35**	2.2	0.33	**0.11**	0.70	0.10	**J**
56-23-5	Carbon Tetrachloride	**4.7**	2.2	0.31	**0.74**	0.36	0.050	
110-82-7	Cyclohexane	<0.63	4.6	0.63	<0.18	1.4	0.18	
78-87-5	1,2-Dichloropropane	<0.28	2.3	0.28	<0.060	0.49	0.060	
75-27-4	Bromodichloromethane	**3.9**	2.3	0.33	**0.58**	0.34	0.049	
79-01-6	Trichloroethene	**5.3**	2.3	0.30	**0.98**	0.42	0.057	
123-91-1	1,4-Dioxane	**1.2**	2.3	0.27	**0.34**	0.63	0.074	**J**
80-62-6	Methyl Methacrylate	<0.80	4.6	0.80	<0.20	1.1	0.20	
142-82-5	n-Heptane	**1.2**	2.3	0.36	**0.30**	0.56	0.088	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.35	2.2	0.35	<0.077	0.48	0.077	
108-10-1	4-Methyl-2-pentanone	<0.31	2.2	0.31	<0.075	0.55	0.075	
10061-02-6	trans-1,3-Dichloropropene	<0.46	2.2	0.46	<0.10	0.49	0.10	
79-00-5	1,1,2-Trichloroethane	<0.23	2.3	0.23	<0.042	0.42	0.042	
108-88-3	Toluene	**1.4**	2.3	0.27	**0.38**	0.61	0.073	**J**
591-78-6	2-Hexanone	**0.35**	2.3	0.28	**0.086**	0.56	0.068	**J**
124-48-1	Dibromochloromethane	<0.30	2.3	0.30	<0.035	0.27	0.035	
106-93-4	1,2-Dibromoethane	<0.26	2.3	0.26	<0.034	0.30	0.034	
123-86-4	n-Butyl Acetate	<0.31	2.3	0.31	<0.065	0.49	0.065	

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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-59** ALS Project ID: P2003737
Client Project ID: **Tel Hashomer / KTE-70-20-Simi** ALS Sample ID: P2003737-003

Test Code: EPA TO-15 Date Collected: 7/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Topacio De Leon Date Analyzed: 7/15/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00123

Initial Pressure (psig): -2.30 Final Pressure (psig): 6.24

Canister Dilution Factor: 1.69

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.51	2.3	0.51	<0.11	0.49	0.11	
127-18-4	Tetrachloroethene	**840**	22	2.9	**120**	3.2	0.43	**D**
108-90-7	Chlorobenzene	<0.30	2.3	0.30	<0.065	0.50	0.065	
100-41-4	Ethylbenzene	<0.32	2.3	0.32	<0.073	0.53	0.073	
179601-23-1	m,p-Xylenes	**0.84**	4.6	0.59	**0.19**	1.1	0.14	**J**
75-25-2	Bromoform	<0.46	2.3	0.46	<0.045	0.22	0.045	
100-42-5	Styrene	<0.36	2.2	0.36	<0.085	0.53	0.085	
95-47-6	o-Xylene	<0.33	2.3	0.33	<0.075	0.53	0.075	
111-84-2	n-Nonane	<0.38	2.3	0.38	<0.072	0.44	0.072	
79-34-5	1,1,2,2-Tetrachloroethane	<0.31	2.3	0.31	<0.046	0.33	0.046	
98-82-8	Cumene	<0.33	2.3	0.33	<0.066	0.46	0.066	
80-56-8	alpha-Pinene	<0.35	2.3	0.35	<0.062	0.41	0.062	
103-65-1	n-Propylbenzene	<0.33	2.3	0.33	<0.066	0.46	0.066	
622-96-8	4-Ethyltoluene	<0.36	2.3	0.36	<0.073	0.46	0.073	
108-67-8	1,3,5-Trimethylbenzene	<0.33	2.2	0.33	<0.066	0.46	0.066	
95-63-6	1,2,4-Trimethylbenzene	**0.42**	2.3	0.31	**0.086**	0.46	0.064	**J**
100-44-7	Benzyl Chloride	<0.51	4.6	0.51	<0.098	0.90	0.098	
541-73-1	1,3-Dichlorobenzene	<0.34	2.3	0.34	<0.056	0.38	0.056	
106-46-7	1,4-Dichlorobenzene	<0.35	2.3	0.35	<0.058	0.38	0.058	
95-50-1	1,2-Dichlorobenzene	<0.33	2.3	0.33	<0.056	0.38	0.056	
5989-27-5	d-Limonene	**0.59**	2.3	0.46	**0.11**	0.41	0.083	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.42	2.2	0.42	<0.044	0.23	0.044	
120-82-1	1,2,4-Trichlorobenzene	<0.55	2.3	0.55	<0.074	0.31	0.074	
91-20-3	Naphthalene	<0.55	2.2	0.55	<0.10	0.42	0.10	
87-68-3	Hexachlorobutadiene	<0.46	2.2	0.46	<0.044	0.21	0.044	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **A-B** ALS Project ID: P2003737
Client Project ID: **Tel Hashomer / KTE-70-20-Simi** ALS Sample ID: P2003737-004

Test Code: EPA TO-15 Date Collected: 7/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Topacio De Leon Date Analyzed: 7/15/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00227

Initial Pressure (psig): -2.80 Final Pressure (psig): 5.66

Canister Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**96**	2.3	0.56	**56**	1.3	0.32	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	2.3	0.37	**0.43**	0.46	0.075	**J**
74-87-3	Chloromethane	**0.62**	2.3	0.37	**0.30**	1.1	0.18	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.36	2.3	0.36	<0.051	0.32	0.051	
75-01-4	Vinyl Chloride	<0.24	2.3	0.24	<0.095	0.90	0.095	
106-99-0	1,3-Butadiene	<0.38	2.3	0.38	<0.17	1.0	0.17	
74-83-9	Bromomethane	<0.32	2.3	0.32	<0.082	0.59	0.082	
75-00-3	Chloroethane	<0.28	2.3	0.28	<0.11	0.88	0.11	
64-17-5	Ethanol	**12**	22	1.6	**6.6**	12	0.84	**J**
75-05-8	Acetonitrile	<0.56	2.3	0.56	<0.33	1.4	0.33	
67-64-1	Acetone	**23**	23	5.1	**9.5**	9.5	2.2	**J**
75-69-4	Trichlorofluoromethane (CFC 11)	**1.1**	2.3	0.35	**0.20**	0.40	0.062	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**240**	9.0	0.94	**99**	3.7	0.38	
107-13-1	Acrylonitrile	<0.47	2.3	0.47	<0.22	1.0	0.22	
75-35-4	1,1-Dichloroethene	<0.32	2.3	0.32	<0.080	0.58	0.080	
75-09-2	Methylene Chloride	<0.64	2.3	0.64	<0.18	0.65	0.18	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.31	2.3	0.31	<0.098	0.74	0.098	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.41**	2.3	0.32	**0.054**	0.30	0.042	**J**
75-15-0	Carbon Disulfide	<0.68	4.7	0.68	<0.22	1.5	0.22	
156-60-5	trans-1,2-Dichloroethene	<0.32	2.3	0.32	<0.080	0.58	0.080	
75-34-3	1,1-Dichloroethane	<0.33	2.4	0.33	<0.082	0.58	0.082	
1634-04-4	Methyl tert-Butyl Ether	<0.27	2.3	0.27	<0.075	0.64	0.075	
108-05-4	Vinyl Acetate	<5.1	23	5.1	<1.5	6.6	1.5	
78-93-3	2-Butanone (MEK)	**1.5**	4.7	0.47	**0.50**	1.6	0.16	**J**
156-59-2	cis-1,2-Dichloroethene	<0.32	2.3	0.32	<0.081	0.57	0.081	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **A-B** ALS Project ID: P2003737
Client Project ID: **Tel Hashomer / KTE-70-20-Simi** ALS Sample ID: P2003737-004

Test Code: EPA TO-15 Date Collected: 7/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Topacio De Leon Date Analyzed: 7/15/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00227

Initial Pressure (psig): -2.80 Final Pressure (psig): 5.66

Canister Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
141-78-6	Ethyl Acetate	<1.2	4.7	1.2	<0.33	1.3	0.33	
110-54-3	n-Hexane	<0.47	2.3	0.47	<0.13	0.66	0.13	
67-66-3	Chloroform	<0.30	2.3	0.30	<0.062	0.47	0.062	
109-99-9	Tetrahydrofuran (THF)	<0.29	2.4	0.29	<0.097	0.80	0.097	
107-06-2	1,2-Dichloroethane	<0.25	2.3	0.25	<0.062	0.57	0.062	
71-55-6	1,1,1-Trichloroethane	<0.28	2.3	0.28	<0.052	0.42	0.052	
71-43-2	Benzene	<0.33	2.3	0.33	<0.10	0.71	0.10	
56-23-5	Carbon Tetrachloride	**0.46**	2.3	0.32	**0.073**	0.36	0.050	**J**
110-82-7	Cyclohexane	<0.64	4.7	0.64	<0.19	1.4	0.19	
78-87-5	1,2-Dichloropropane	<0.28	2.3	0.28	<0.061	0.50	0.061	
75-27-4	Bromodichloromethane	<0.33	2.3	0.33	<0.049	0.34	0.049	
79-01-6	Trichloroethene	<0.31	2.3	0.31	<0.057	0.43	0.057	
123-91-1	1,4-Dioxane	<0.27	2.3	0.27	<0.075	0.64	0.075	
80-62-6	Methyl Methacrylate	<0.81	4.7	0.81	<0.20	1.1	0.20	
142-82-5	n-Heptane	<0.36	2.3	0.36	<0.089	0.56	0.089	
10061-01-5	cis-1,3-Dichloropropene	<0.35	2.2	0.35	<0.078	0.49	0.078	
108-10-1	4-Methyl-2-pentanone	<0.31	2.3	0.31	<0.076	0.55	0.076	
10061-02-6	trans-1,3-Dichloropropene	<0.47	2.3	0.47	<0.10	0.50	0.10	
79-00-5	1,1,2-Trichloroethane	<0.23	2.3	0.23	<0.042	0.42	0.042	
108-88-3	Toluene	**1.3**	2.3	0.28	**0.34**	0.61	0.074	**J**
591-78-6	2-Hexanone	<0.28	2.3	0.28	<0.069	0.56	0.069	
124-48-1	Dibromochloromethane	<0.30	2.3	0.30	<0.035	0.27	0.035	
106-93-4	1,2-Dibromoethane	<0.27	2.3	0.27	<0.035	0.30	0.035	
123-86-4	n-Butyl Acetate	<0.31	2.4	0.31	<0.066	0.50	0.066	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **A-B** ALS Project ID: P2003737
Client Project ID: **Tel Hashomer / KTE-70-20-Simi** ALS Sample ID: P2003737-004

Test Code: EPA TO-15 Date Collected: 7/1/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/6/20
Analyst: Topacio De Leon Date Analyzed: 7/15/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00227

Initial Pressure (psig): -2.80 Final Pressure (psig): 5.66

Canister Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.51	2.3	0.51	<0.11	0.49	0.11	
127-18-4	Tetrachloroethene	**0.46**	2.2	0.29	**0.068**	0.33	0.044	**J**
108-90-7	Chlorobenzene	<0.30	2.3	0.30	<0.066	0.50	0.066	
100-41-4	Ethylbenzene	<0.32	2.3	0.32	<0.074	0.53	0.074	
179601-23-1	m,p-Xylenes	**0.64**	4.7	0.60	**0.15**	1.1	0.14	**J**
75-25-2	Bromoform	<0.47	2.3	0.47	<0.045	0.22	0.045	
100-42-5	Styrene	<0.37	2.3	0.37	<0.086	0.53	0.086	
95-47-6	o-Xylene	<0.33	2.3	0.33	<0.076	0.53	0.076	
111-84-2	n-Nonane	<0.38	2.3	0.38	<0.073	0.44	0.073	
79-34-5	1,1,2,2-Tetrachloroethane	<0.32	2.3	0.32	<0.046	0.34	0.046	
98-82-8	Cumene	<0.33	2.3	0.33	<0.067	0.47	0.067	
80-56-8	alpha-Pinene	**0.70**	2.3	0.35	**0.13**	0.41	0.063	**J**
103-65-1	n-Propylbenzene	<0.33	2.3	0.33	<0.067	0.47	0.067	
622-96-8	4-Ethyltoluene	<0.36	2.3	0.36	<0.074	0.47	0.074	
108-67-8	1,3,5-Trimethylbenzene	<0.33	2.3	0.33	<0.067	0.46	0.067	
95-63-6	1,2,4-Trimethylbenzene	<0.32	2.3	0.32	<0.064	0.47	0.064	
100-44-7	Benzyl Chloride	<0.51	4.7	0.51	<0.099	0.91	0.099	
541-73-1	1,3-Dichlorobenzene	<0.34	2.3	0.34	<0.057	0.38	0.057	
106-46-7	1,4-Dichlorobenzene	<0.35	2.3	0.35	<0.058	0.38	0.058	
95-50-1	1,2-Dichlorobenzene	<0.34	2.3	0.34	<0.056	0.38	0.056	
5989-27-5	d-Limonene	<0.47	2.3	0.47	<0.084	0.41	0.084	
96-12-8	1,2-Dibromo-3-chloropropane	<0.43	2.3	0.43	<0.044	0.23	0.044	
120-82-1	1,2,4-Trichlorobenzene	<0.56	2.3	0.56	<0.075	0.31	0.075	
91-20-3	Naphthalene	<0.56	2.2	0.56	<0.11	0.42	0.11	
87-68-3	Hexachlorobutadiene	<0.47	2.3	0.47	<0.044	0.21	0.044	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003737

Client Project ID: **Tel Hashomer / KTE-70-20-Simi** ALS Sample ID: P200715-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA

Analyst: Simon Cao Date Analyzed: 7/15/20

Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.13	0.53	0.13	<0.076	0.31	0.076	
75-71-8	Dichlorodifluoromethane (CFC 12)	<0.087	0.53	0.087	<0.018	0.11	0.018	
74-87-3	Chloromethane	<0.086	0.53	0.086	<0.042	0.26	0.042	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.084	0.53	0.084	<0.012	0.076	0.012	
75-01-4	Vinyl Chloride	<0.057	0.54	0.057	<0.022	0.21	0.022	
106-99-0	1,3-Butadiene	<0.088	0.53	0.088	<0.040	0.24	0.040	
74-83-9	Bromomethane	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-00-3	Chloroethane	<0.066	0.54	0.066	<0.025	0.20	0.025	
64-17-5	Ethanol	<0.37	5.2	0.37	<0.20	2.8	0.20	
75-05-8	Acetonitrile	<0.13	0.53	0.13	<0.077	0.32	0.077	
67-64-1	Acetone	<1.2	5.3	1.2	<0.51	2.2	0.51	
75-69-4	Trichlorofluoromethane (CFC 11)	<0.081	0.53	0.081	<0.014	0.094	0.014	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.22	2.1	0.22	<0.090	0.85	0.090	
107-13-1	Acrylonitrile	<0.11	0.53	0.11	<0.051	0.24	0.051	
75-35-4	1,1-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-09-2	Methylene Chloride	<0.15	0.53	0.15	<0.043	0.15	0.043	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.072	0.54	0.072	<0.023	0.17	0.023	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.076	0.54	0.076	<0.0099	0.070	0.0099	
75-15-0	Carbon Disulfide	<0.16	1.1	0.16	<0.051	0.35	0.051	
156-60-5	trans-1,2-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-34-3	1,1-Dichloroethane	<0.078	0.55	0.078	<0.019	0.14	0.019	
1634-04-4	Methyl tert-Butyl Ether	<0.063	0.54	0.063	<0.017	0.15	0.017	
108-05-4	Vinyl Acetate	<1.2	5.4	1.2	<0.34	1.5	0.34	
78-93-3	2-Butanone (MEK)	<0.11	1.1	0.11	<0.037	0.37	0.037	
156-59-2	cis-1,2-Dichloroethene	<0.075	0.53	0.075	<0.019	0.13	0.019	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003737

Client Project ID: **Tel Hashomer / KTE-70-20-Simi** ALS Sample ID: P200715-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA

Analyst: Simon Cao Date Analyzed: 7/15/20

Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
141-78-6	Ethyl Acetate	<0.28	1.1	0.28	<0.078	0.31	0.078	
110-54-3	n-Hexane	<0.11	0.54	0.11	<0.031	0.15	0.031	
67-66-3	Chloroform	<0.071	0.54	0.071	<0.015	0.11	0.015	
109-99-9	Tetrahydrofuran (THF)	<0.067	0.55	0.067	<0.023	0.19	0.023	
107-06-2	1,2-Dichloroethane	<0.059	0.54	0.059	<0.015	0.13	0.015	
71-55-6	1,1,1-Trichloroethane	<0.066	0.54	0.066	<0.012	0.099	0.012	
71-43-2	Benzene	<0.077	0.53	0.077	<0.024	0.17	0.024	
56-23-5	Carbon Tetrachloride	<0.074	0.53	0.074	<0.012	0.084	0.012	
110-82-7	Cyclohexane	<0.15	1.1	0.15	<0.044	0.32	0.044	
78-87-5	1,2-Dichloropropane	<0.066	0.54	0.066	<0.014	0.12	0.014	
75-27-4	Bromodichloromethane	<0.077	0.54	0.077	<0.011	0.081	0.011	
79-01-6	Trichloroethene	<0.072	0.54	0.072	<0.013	0.10	0.013	
123-91-1	1,4-Dioxane	<0.063	0.54	0.063	<0.017	0.15	0.017	
80-62-6	Methyl Methacrylate	<0.19	1.1	0.19	<0.046	0.27	0.046	
142-82-5	n-Heptane	<0.085	0.54	0.085	<0.021	0.13	0.021	
10061-01-5	cis-1,3-Dichloropropene	<0.083	0.52	0.083	<0.018	0.11	0.018	
108-10-1	4-Methyl-2-pentanone	<0.073	0.53	0.073	<0.018	0.13	0.018	
10061-02-6	trans-1,3-Dichloropropene	<0.11	0.53	0.11	<0.024	0.12	0.024	
79-00-5	1,1,2-Trichloroethane	<0.054	0.54	0.054	<0.0099	0.099	0.0099	
108-88-3	Toluene	<0.065	0.54	0.065	<0.017	0.14	0.017	
591-78-6	2-Hexanone	<0.066	0.54	0.066	<0.016	0.13	0.016	
124-48-1	Dibromochloromethane	<0.070	0.54	0.070	<0.0082	0.063	0.0082	
106-93-4	1,2-Dibromoethane	<0.062	0.54	0.062	<0.0081	0.070	0.0081	
123-86-4	n-Butyl Acetate	<0.073	0.55	0.073	<0.015	0.12	0.015	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003737

Client Project ID: **Tel Hashomer / KTE-70-20-Simi** ALS Sample ID: P200715-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA

Analyst: Simon Cao Date Analyzed: 7/15/20

Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.12	0.54	0.12	<0.026	0.12	0.026	
127-18-4	Tetrachloroethene	<0.069	0.52	0.069	<0.010	0.077	0.010	
108-90-7	Chlorobenzene	<0.071	0.54	0.071	<0.015	0.12	0.015	
100-41-4	Ethylbenzene	<0.075	0.54	0.075	<0.017	0.12	0.017	
179601-23-1	m,p-Xylenes	<0.14	1.1	0.14	<0.032	0.25	0.032	
75-25-2	Bromoform	<0.11	0.54	0.11	<0.011	0.052	0.011	
100-42-5	Styrene	<0.086	0.53	0.086	<0.020	0.12	0.020	
95-47-6	o-Xylene	<0.077	0.54	0.077	<0.018	0.12	0.018	
111-84-2	n-Nonane	<0.089	0.54	0.089	<0.017	0.10	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	<0.074	0.54	0.074	<0.011	0.079	0.011	
98-82-8	Cumene	<0.077	0.54	0.077	<0.016	0.11	0.016	
80-56-8	alpha-Pinene	<0.082	0.54	0.082	<0.015	0.097	0.015	
103-65-1	n-Propylbenzene	<0.077	0.54	0.077	<0.016	0.11	0.016	
622-96-8	4-Ethyltoluene	<0.085	0.54	0.085	<0.017	0.11	0.017	
108-67-8	1,3,5-Trimethylbenzene	<0.077	0.53	0.077	<0.016	0.11	0.016	
95-63-6	1,2,4-Trimethylbenzene	<0.074	0.54	0.074	<0.015	0.11	0.015	
100-44-7	Benzyl Chloride	<0.12	1.1	0.12	<0.023	0.21	0.023	
541-73-1	1,3-Dichlorobenzene	<0.080	0.54	0.080	<0.013	0.090	0.013	
106-46-7	1,4-Dichlorobenzene	<0.082	0.54	0.082	<0.014	0.090	0.014	
95-50-1	1,2-Dichlorobenzene	<0.079	0.54	0.079	<0.013	0.090	0.013	
5989-27-5	d-Limonene	<0.11	0.54	0.11	<0.020	0.097	0.020	
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.53	0.10	<0.010	0.055	0.010	
120-82-1	1,2,4-Trichlorobenzene	<0.13	0.54	0.13	<0.018	0.073	0.018	
91-20-3	Naphthalene	<0.13	0.52	0.13	<0.025	0.099	0.025	
87-68-3	Hexachlorobutadiene	<0.11	0.53	0.11	<0.010	0.050	0.010	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Project ID: **Tel Hashomer / KTE-70-20-Simi** ALS Project ID: P2003737

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 7/1/20
Analyst: Simon Cao Date(s) Received: 7/6/20
Sample Type: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 7/15/20
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P200715-MB	**99**	**101**	**114**	70-130	
Lab Control Sample	P200715-LCS	**100**	**100**	**114**	70-130	
SG-22	P2003737-001	**102**	**101**	**115**	70-130	
SG-79	P2003737-002	**101**	**100**	**114**	70-130	
SG-59	P2003737-003	**101**	**100**	**113**	70-130	
A-B	P2003737-004	**100**	**101**	**114**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003737
Client Project ID: **Tel Hashomer / KTE-70-20-Simi** ALS Sample ID: P200715-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
115-07-1	Propene	210	**162**	**77**	51-133	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**187**	**89**	64-115	
74-87-3	Chloromethane	212	**161**	**76**	49-127	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	206	**183**	**89**	65-114	
75-01-4	Vinyl Chloride	212	**167**	**79**	61-129	
106-99-0	1,3-Butadiene	212	**180**	**85**	54-140	
74-83-9	Bromomethane	212	**186**	**88**	68-120	
75-00-3	Chloroethane	214	**171**	**80**	63-123	
64-17-5	Ethanol	1,060	**779**	**73**	49-134	
75-05-8	Acetonitrile	214	**171**	**80**	50-137	
67-64-1	Acetone	1,070	**824**	**77**	56-125	
75-69-4	Trichlorofluoromethane (CFC 11)	212	**197**	**93**	64-115	
67-63-0	2-Propanol (Isopropyl Alcohol)	422	**348**	**82**	57-133	
107-13-1	Acrylonitrile	212	**176**	**83**	64-136	
75-35-4	1,1-Dichloroethene	214	**193**	**90**	67-115	
75-09-2	Methylene Chloride	210	**187**	**89**	68-114	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	214	**165**	**77**	55-139	
76-13-1	Trichlorotrifluoroethane (CFC 113)	216	**204**	**94**	65-115	
75-15-0	Carbon Disulfide	212	**186**	**88**	68-113	
156-60-5	trans-1,2-Dichloroethene	214	**200**	**93**	65-122	
75-34-3	1,1-Dichloroethane	212	**177**	**83**	63-118	
1634-04-4	Methyl tert-Butyl Ether	214	**199**	**93**	57-131	
108-05-4	Vinyl Acetate	1,070	**1070**	**100**	71-128	
78-93-3	2-Butanone (MEK)	212	**188**	**89**	67-123	
156-59-2	cis-1,2-Dichloroethene	212	**189**	**89**	64-120	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003737
Client Project ID: **Tel Hashomer / KTE-70-20-Simi** ALS Sample ID: P200715-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
141-78-6	Ethyl Acetate	432	**372**	**86**	64-131	
110-54-3	n-Hexane	216	**169**	**78**	58-125	
67-66-3	Chloroform	214	**192**	**90**	65-114	
109-99-9	Tetrahydrofuran (THF)	220	**195**	**89**	65-115	
107-06-2	1,2-Dichloroethane	214	**204**	**95**	59-119	
71-55-6	1,1,1-Trichloroethane	214	**208**	**97**	66-115	
71-43-2	Benzene	210	**181**	**86**	66-109	
56-23-5	Carbon Tetrachloride	208	**209**	**100**	66-119	
110-82-7	Cyclohexane	422	**368**	**87**	67-117	
78-87-5	1,2-Dichloropropane	214	**179**	**84**	66-119	
75-27-4	Bromodichloromethane	218	**202**	**93**	71-119	
79-01-6	Trichloroethene	216	**205**	**95**	70-114	
123-91-1	1,4-Dioxane	216	**208**	**96**	71-117	
80-62-6	Methyl Methacrylate	430	**421**	**98**	76-121	
142-82-5	n-Heptane	214	**181**	**85**	66-119	
10061-01-5	cis-1,3-Dichloropropene	214	**213**	**100**	72-125	
108-10-1	4-Methyl-2-pentanone	212	**186**	**88**	68-130	
10061-02-6	trans-1,3-Dichloropropene	212	**207**	**98**	71-132	
79-00-5	1,1,2-Trichloroethane	214	**201**	**94**	70-117	
108-88-3	Toluene	212	**192**	**91**	67-113	
591-78-6	2-Hexanone	216	**199**	**92**	62-135	
124-48-1	Dibromochloromethane	214	**221**	**103**	73-126	
106-93-4	1,2-Dibromoethane	214	**215**	**100**	71-122	
123-86-4	n-Butyl Acetate	218	**202**	**93**	65-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003737
Client Project ID: **Tel Hashomer / KTE-70-20-Simi** ALS Sample ID: P200715-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
111-65-9	n-Octane	216	**180**	**83**	63-120	
127-18-4	Tetrachloroethene	208	**206**	**99**	64-120	
108-90-7	Chlorobenzene	214	**194**	**91**	65-116	
100-41-4	Ethylbenzene	212	**197**	**93**	65-117	
179601-23-1	m,p-Xylenes	426	**398**	**93**	64-121	
75-25-2	Bromoform	214	**243**	**114**	72-130	
100-42-5	Styrene	212	**213**	**100**	72-126	
95-47-6	o-Xylene	214	**197**	**92**	64-120	
111-84-2	n-Nonane	214	**174**	**81**	56-132	
79-34-5	1,1,2,2-Tetrachloroethane	214	**193**	**90**	66-122	
98-82-8	Cumene	214	**200**	**93**	64-121	
80-56-8	alpha-Pinene	212	**195**	**92**	62-136	
103-65-1	n-Propylbenzene	214	**199**	**93**	65-123	
622-96-8	4-Ethyltoluene	210	**191**	**91**	71-126	
108-67-8	1,3,5-Trimethylbenzene	212	**198**	**93**	65-120	
95-63-6	1,2,4-Trimethylbenzene	212	**204**	**96**	63-129	
100-44-7	Benzyl Chloride	214	**246**	**115**	66-138	
541-73-1	1,3-Dichlorobenzene	214	**217**	**101**	65-127	
106-46-7	1,4-Dichlorobenzene	214	**211**	**99**	65-125	
95-50-1	1,2-Dichlorobenzene	214	**212**	**99**	67-128	
5989-27-5	d-Limonene	212	**179**	**84**	65-136	
96-12-8	1,2-Dibromo-3-chloropropane	214	**243**	**114**	73-133	
120-82-1	1,2,4-Trichlorobenzene	216	**247**	**114**	62-140	
91-20-3	Naphthalene	212	**243**	**115**	57-149	
87-68-3	Hexachlorobutadiene	214	**226**	**106**	57-129	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
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Response Factor Report MS09

Method Path : I:\MS09\Methods\
Method File : R9061120.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
Last Update : Thu Jun 11 21:23:59 2020
Response Via : Initial Calibration

6/12/20

Calibration Files
0.1 =06112026.D 0.2 =06112027.D 0.5 =06112028.D 1.0 =06112029.D 5.0 =06112030.D 25 =06112
100 =06112033.D

		Compound	0.1	0.2	0.5	1.0	5.0	25	50	100	Avg	%RSD
1)	IR	Bromochloromethane...	----------ISTD----------									
2)	T	Propene	0.842	0.800	0.902	0.823	0.950	0.863	0.913	0.898	0.874	5.82
3)	T	Dichlorodifluo...	1.868	1.774	1.939	1.755	1.640	1.705	1.561	1.460	1.713	9.18
4)	T	Chloromethane	1.146	1.035	1.256	1.124	0.968	1.172	0.986	0.705	1.049	16.21
5)	T	1,2-Dichloro-1...	0.963	0.928	1.080	0.984	0.899	0.939	0.906	0.869	0.946	6.90
6)	T	Vinyl Chloride	1.038	1.018	1.222	1.118	1.063	1.113	1.064	1.021	1.082	6.28
7)	T	1,3-Butadiene	0.655	0.587	0.798	0.732	0.741	0.830	0.796	0.763	0.738	10.96
8)	T	Bromomethane	0.812	0.813	0.967	0.910	0.792	0.905	0.843	0.800	0.855	7.51
9)	T	Chloroethane	0.653	0.577	0.685	0.652	0.617	0.648	0.608	0.567	0.626	6.52
10)	T	Ethanol	0.641	0.622	0.674	0.607	0.566	0.596	0.536	0.467	0.589	11.04
11)	T	Acetonitrile	1.085	1.233	1.494	1.420	1.377	1.472	1.353	1.260	1.337	10.26
12)	T	Acrolein	0.237	0.333	0.516	0.496	0.534	0.583	0.543	0.510	0.469	25.41
13)	T	Acetone	0.709	0.689	0.717	0.674	0.620	0.630	0.553	0.470	0.633	13.49
14)	T	Trichlorofluor...	1.693	1.590	1.750	1.622	1.506	1.581	1.465	1.387	1.574	7.57
15)	T	2-Propanol (Is...	1.842	1.935	2.149	2.039	1.620	1.981	1.490	1.125	1.773	19.18
16)	T	Acrylonitrile			1.087	1.090	1.096	1.199	1.106	1.036	1.103	4.82
17)	T	1,1-Dichloroet...	0.981	0.954	1.044	0.979	0.925	0.982	0.913	0.863	0.955	5.74
18)	T	2-Methyl-2-Pro...	2.106	1.995	2.327	2.168	2.049	2.135	1.905	1.057	1.968	19.75
19)	T	Methylene Chlo...	0.921	0.937	1.064	0.977	0.949	1.007	0.924	0.863	0.955	6.38
20)	T	3-Chloro-1-pro...	1.102	1.219	1.290	1.210	1.197	1.248	1.120	1.036	1.178	7.16
21)	T	Trichlorotrifl...	0.977	0.964	1.041	0.974	0.900	0.948	0.884	0.834	0.940	6.91
22)	T	Carbon Disulfide	3.373	3.322	3.701	3.448	3.440	3.564	3.239	2.930	3.377	6.81
23)	T	trans-1,2-Dich...	0.932	1.011	1.268	1.216	1.197	1.295	1.199	1.119	1.155	10.92
24)	T	1,1-Dichloroet...	1.586	1.515	1.688	1.589	1.497	1.593	1.460	1.347	1.534	6.76
25)	T	Methyl tert-Bu...	2.584	2.492	2.914	2.688	2.532	2.713	2.538	2.394	2.607	6.18
26)	T	Vinyl Acetate	0.133	0.165	0.218	0.212	0.220	0.237	0.213	0.186	0.198	17.41
27)	T	2-Butanone (MEK)			0.596	0.590	0.612	0.670	0.623	0.579	0.612	5.29
28)	T	cis-1,2-Dichlo...	1.069	1.092	1.287	1.220	1.165	1.242	1.144	1.063	1.160	7.21
29)	T	Diisopropyl Ether	0.964	0.950	0.958	0.843	0.786	0.796	0.707	0.616	0.827	15.34
30)	T	Ethyl Acetate			0.316	0.315	0.312	0.322	0.275	0.223	0.294	13.13
31)	T	n-Hexane	1.600	1.532	1.672	1.551	1.436	1.420	1.203	0.971	1.423	16.26
32)	T	Chloroform	1.715	1.615	1.764	1.637	1.548	1.623	1.498	1.401	1.600	7.28
33)	S	1,2-Dichloroet...	1.251	1.261	1.255	1.259	1.251	1.251	1.242	1.225	1.249	0.93
34)	T	Tetrahydrofura...	0.552	0.539	0.636	0.619	0.586	0.639	0.589	0.545	0.588	6.89
35)	T	Ethyl tert-But...	1.064	1.074	1.248	1.154	1.103	1.174	1.092	1.010	1.115	6.67
36)	T	1,2-Dichloroet...	1.085	1.064	1.181	1.108	1.050	1.125	1.037	0.986	1.080	5.53
37)	IR	1,4-Difluorobenzen...	----------ISTD----------									
38)	T	1,1,1-Trichlor...	0.352	0.322	0.366	0.341	0.319	0.339	0.314	0.299	0.331	6.61
39)	T	Isopropyl Acetate	0.106	0.126	0.145	0.136	0.130	0.135	0.119	0.102	0.125	12.09
40)	T	1-Butanol			0.157	0.163	0.182	0.212	0.190	0.168	0.179	11.46
41)	T	Benzene	0.957	0.916	1.024	0.937	0.885	0.917	0.835	0.765	0.905	8.67
42)	T	Carbon Tetrach...	0.294	0.297	0.336	0.312	0.297	0.321	0.298	0.285	0.305	5.42
43)	T	Cyclohexane	0.383	0.357	0.404	0.370	0.347	0.355	0.319	0.281	0.352	10.80
44)	T	tert-Amyl Meth...	0.611	0.584	0.666	0.622	0.597	0.633	0.582	0.539	0.604	6.29
45)	T	1,2-Dichloropr...	0.223	0.204	0.234	0.220	0.205	0.218	0.199	0.182	0.211	7.75
46)	T	Bromodichlorom...	0.299	0.271	0.313	0.296	0.281	0.305	0.279	0.261	0.288	6.22
47)	T	Trichloroethene	0.280	0.260	0.294	0.273	0.256	0.273	0.255	0.239	0.266	6.45
48)	T	1,4-Dioxane	0.156	0.168	0.189	0.185	0.173	0.196	0.180	0.163	0.176	7.79
49)	T	2,2,4-Trimethy...	0.960	0.904	0.990	0.904	0.850	0.872	0.782	0.695	0.870	10.96
50)	T	Methyl Methacr...			0.089	0.090	0.090	0.101	0.093	0.085	0.091	5.93
51)	T	n-Heptane	0.244	0.220	0.252	0.232	0.216	0.228	0.208	0.190	0.224	8.85
52)	T	cis-1,3-Dichlo...	0.276	0.304	0.370	0.354	0.355	0.392	0.360	0.333	0.343	10.88
53)	T	4-Methyl-2-pen...			0.181	0.180	0.184	0.200	0.181	0.163	0.181	6.51
54)	T	trans-1,3-Dich...			0.294	0.291	0.310	0.351	0.327	0.307	0.313	7.11

55)	T	1,1,2-Trichlor...	0.210	0.213	0.248	0.232	0.219	0.238	0.219	0.204	0.223	6.73
56)	IR	Chlorobenzene-d5 (...	----------ISTD----------									
57)	S	Toluene-d8 (SS2)	2.593	2.599	2.592	2.577	2.565	2.561	2.573	2.566	2.578	0.56
58)	T	Toluene	2.529	2.275	2.557	2.325	2.173	2.241	2.057	1.867	2.253	10.18
59)	T	2-Hexanone			0.821	0.769	0.858	0.971	0.880	0.786	0.848	8.66
60)	T	Dibromochlorom...	0.577	0.581	0.645	0.622	0.627	0.681	0.641	0.607	0.623	5.53
61)	T	1,2-Dibromoethane	0.495	0.539	0.638	0.606	0.595	0.650	0.608	0.570	0.588	8.73
62)	T	n-Butyl Acetate			0.865	0.873	0.929	1.075	0.973	0.865	0.930	8.94
63)	T	n-Octane	0.427	0.407	0.465	0.436	0.406	0.424	0.381	0.337	0.410	9.38
64)	T	Tetrachloroethene	0.762	0.711	0.788	0.729	0.678	0.712	0.669	0.626	0.709	7.33
65)	T	Chlorobenzene	1.712	1.609	1.745	1.600	1.515	1.585	1.809	1.354	1.616	8.85
66)	T	Ethylbenzene	2.640	2.485	2.759	2.540	2.443	2.531	2.325	2.107	2.479	7.99
67)	T	m- & p-Xylenes	2.095	1.987	2.185	2.003	1.926	1.985	1.811	1.619	1.951	8.90
68)	T	Bromoform	0.441	0.466	0.535	0.515	0.532	0.603	0.572	0.547	0.527	10.01
69)	T	Styrene	1.491	1.315	1.615	1.558	1.573	1.681	1.549	1.413	1.524	7.63
70)	T	o-Xylene	2.046	1.987	2.181	2.010	1.924	1.969	1.805	1.622	1.943	8.63
71)	T	n-Nonane	0.903	0.861	0.957	0.884	0.859	0.866	0.759	0.645	0.842	11.49
72)	T	1,1,2,2-Tetrac...	0.958	0.884	1.020	0.949	0.917	0.954	0.865	0.765	0.914	8.41
73)	S	Bromofluoroben...	0.882	0.880	0.886	0.879	0.888	0.900	0.904	0.909	0.891	1.30
74)	T	Cumene	2.732	2.541	2.846	2.627	2.510	2.585	2.346	2.106	2.537	9.02
75)	T	alpha-Pinene	1.300	1.216	1.406	1.316	1.301	1.343	1.236	1.108	1.278	7.11
76)	T	n-Propylbenzene	3.051	2.995	3.291	3.048	2.947	3.035	2.737	2.433	2.942	8.68
77)	T	3-Ethyltoluene	2.446	2.442	2.627	2.513	2.472	2.517	2.367	2.173	2.445	5.43
78)	T	4-Ethyltoluene	2.512	2.404	2.779	2.522	2.426	2.594	2.275	1.971	2.435	9.80
79)	T	1,3,5-Trimethy...	2.311	2.194	2.432	2.224	2.103	2.168	1.979	1.793	2.150	9.16
80)	T	alpha-Methylst...	1.085	1.108	1.234	1.175	1.179	1.259	1.155	1.039	1.154	6.45
81)	T	2-Ethyltoluene	2.643	2.508	2.826	2.578	2.461	2.515	2.284	2.049	2.483	9.42
82)	T	1,2,4-Trimethy...	2.180	2.136	2.308	2.189	2.096	2.129	1.877	1.622	2.067	10.50
83)	T	n-Decane	1.022	1.005	1.147	1.066	1.037	1.021	0.880	0.725	0.988	13.09
84)	T	Benzyl Chloride	1.051	1.241	1.432	1.445	1.639	1.880	1.709	1.515	1.489	17.64
85)	T	1,3-Dichlorobe...	1.263	1.305	1.367	1.300	1.267	1.352	1.237	1.117	1.276	6.11
86)	T	1,4-Dichlorobe...	1.449	1.385	1.423	1.326	1.278	1.371	1.272	1.169	1.334	6.91
87)	T	sec-Butylbenzene	3.099	2.938	3.177	2.961	2.848	2.894	2.599	2.298	2.852	9.90
88)	T	4-Isopropyltol...	2.932	2.732	2.963	2.761	2.666	2.635	2.290	1.914	2.612	13.39
89)	T	1,2,3-Trimethy...	2.151	2.149	2.389	2.201	2.106	2.130	1.879	1.617	2.078	11.18
90)	T	1,2-Dichlorobe...	1.349	1.322	1.357	1.283	1.241	1.302	1.183	1.048	1.261	8.19
91)	T	d-Limonene	0.730	0.748	0.859	0.794	0.780	0.787	0.689	0.572	0.745	11.50
92)	T	1,2-Dibromo-3-...	0.344	0.371	0.428	0.427	0.455	0.516	0.485	0.462	0.436	13.02
93)	T	n-Undecane	1.072	1.013	1.107	1.055	1.055	1.064	0.934	0.793	1.012	10.11
94)	T	1,2,4-Trichlor...	0.848	0.910	0.832	0.860	0.910	1.047	0.976	0.907	0.911	7.81
95)	T	Naphthalene	2.376	2.668	2.387	2.463	2.729	3.141	2.889	2.583	2.655	9.95
96)	T	n-Dodecane	0.945	1.028	0.986	1.004	1.035	1.035	0.905	0.763	0.963	9.65
97)	T	Hexachlorobuta...	0.700	0.681	0.667	0.636	0.609	0.648	0.606	0.570	0.640	6.75
98)	T	Cyclohexanone	0.558	0.635	0.667	0.644	0.660	0.742	0.679	0.618	0.651	8.14
99)	T	tert-Butylbenzene	2.264	2.157	2.395	2.223	2.111	2.104	1.848	1.587	2.086	12.25
100)	T	n-Butylbenzene	2.139	2.147	2.361	2.228	2.185	2.269	2.026	1.792	2.143	8.08

(#) = Out of Range

R9061120.M Fri Jun 12 13:28:49 2020

Evaluate Continuing Calibration Report

Data File : I:\MS09\Data\2020 07\15\07152001.D Vial: 2
Acq On : 15 Jul 2020 00:28 Operator: SC
Sample : CCV R9071520 25ng Inst : MS09
Misc : S34-05292009/S34-07072001 (8/5)

TD 7/15/20

Quant Time: Jul 15 07:30:20 2020
Quant Method : I:\MS09\Methods\R9061120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Jun 11 21:23:59 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	122	-0.02
2	T	Propene	0.874	0.628	28.1	89	0.00
3	T	Dichlorodifluoromethane (CF	1.713	1.412	17.6	101	0.00
4	T	Chloromethane	1.049	0.810	22.8	84	-0.01
5	T	1,2-Dichloro-1,1,2,2-tetraf	0.946	0.794	16.1	103	0.00
6	T	Vinyl Chloride	1.082	0.805	25.6	88	0.00
7	T	1,3-Butadiene	0.738	0.585	20.7	86	-0.01
8	T	Bromomethane	0.855	0.736	13.9	99	-0.01
9	T	Chloroethane	0.626	0.488	22.0	92	-0.01
10	T	Ethanol	0.589	0.420	28.7	86	-0.06
11	T	Acetonitrile	1.337	1.012	24.3	84	-0.04
12	T	Acrolein	0.469	0.421	10.2	88	-0.03
13	T	Acetone	0.633	0.457	27.8	89	-0.03
14	T	Trichlorofluoromethane	1.574	1.357	13.8	105	0.00
15	T	2-Propanol (Isopropanol)	1.773	1.373	22.6	85	-0.04
16	T	Acrylonitrile	1.103	0.856	22.4	87	-0.03
17	T	1,1-Dichloroethene	0.955	0.802	16.0	100	-0.01
18	T	2-Methyl-2-Propanol (tert-B	1.968	1.714	12.9	98	-0.04
19	T	Methylene Chloride	0.955	0.799	16.3	97	-0.02
20	T	3-Chloro-1-propene (Allyl C	1.178	0.868	26.3	85	-0.02
21	T	Trichlorotrifluoroethane	0.940	0.828	11.9	107	-0.01
22	T	Carbon Disulfide	3.377	2.770	18.0	95	-0.01
23	T	trans-1,2-Dichloroethene	1.155	0.996	13.8	94	-0.02
24	T	1,1-Dichloroethane	1.534	1.205	21.4	92	-0.02
25	T	Methyl tert-Butyl Ether	2.607	2.230	14.5	100	-0.01
26	T	Vinyl Acetate	0.198	0.186	6.1	96	-0.03
27	T	2-Butanone (MEK)	0.612	0.513	16.2	94	-0.02
28	T	cis-1,2-Dichloroethene	1.160	0.956	17.6	94	-0.02
29	T	Diisopropyl Ether	0.827	0.633	23.5	97	-0.01
30	T	Ethyl Acetate	0.294	0.235	20.1	89	-0.02
31	T	n-Hexane	1.423	1.039	27.0	89	0.00
32	T	Chloroform	1.600	1.329	16.9	100	-0.03
33	S	1,2-Dichloroethane-d4(SS1)	1.249	1.251	-0.2	122	-0.02
34	T	Tetrahydrofuran (THF)	0.588	0.489	16.8	93	-0.01
35	T	Ethyl tert-Butyl Ether	1.115	0.957	14.2	100	-0.01
36	T	1,2-Dichloroethane	1.080	0.949	12.1	103	-0.01
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	120	-0.01
38	T	1,1,1-Trichloroethane	0.331	0.296	10.6	105	-0.01
39	T	Isopropyl Acetate	0.125	0.100	20.0	89	-0.01
40	T	1-Butanol	0.179	0.152	15.1	86	-0.04
41	T	Benzene	0.905	0.735	18.8	96	-0.01
42	T	Carbon Tetrachloride	0.305	0.284	6.9	106	-0.01
43	T	Cyclohexane	0.352	0.285	19.0	96	-0.01
44	T	tert-Amyl Methyl Ether	0.604	0.510	15.6	97	0.00
45	T	1,2-Dichloropropane	0.211	0.163	22.7	90	-0.01
46	T	Bromodichloromethane	0.288	0.255	11.5	100	-0.01
47	T	Trichloroethene	0.266	0.239	10.2	105	-0.01
48	T	1,4-Dioxane	0.176	0.157	10.8	96	-0.01
49	T	2,2,4-Trimethylpentane (Iso	0.870	0.648	25.5	89	0.00
50	T	Methyl Methacrylate	0.091	0.084	7.7	100	-0.01
51	T	n-Heptane	0.224	0.176	21.4	93	0.00
52	T	cis-1,3-Dichloropropene	0.343	0.313	8.7	96	0.00
53	T	4-Methyl-2-pentanone	0.181	0.149	17.7	89	-0.01
54	T	trans-1,3-Dichloropropene	0.313	0.289	7.7	99	0.00
55	T	1,1,2-Trichloroethane	0.223	0.197	11.7	100	-0.01

Evaluate Continuing Calibration Report

Data File : I:\MS09\Data\2020 07\15\07152001.D Vial: 2
Acq On : 15 Jul 2020 00:28 Operator: SC
Sample : CCV R9071520 25ng Inst : MS09
Misc : S34-05292009/S34-07072001 (8/5)

Quant Time: Jul 15 07:30:20 2020
Quant Method : I:\MS09\Methods\R9061120.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Thu Jun 11 21:23:59 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
56	IR	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	118	0.00
57	S	Toluene-d8 (SS2)	2.578	2.584	-0.2	119	0.00
58	T	Toluene	2.253	1.885	16.3	99	-0.01
59	T	2-Hexanone	0.848	0.724	14.6	88	-0.01
60	T	Dibromochloromethane	0.623	0.604	3.0	105	0.00
61	T	1,2-Dibromoethane	0.588	0.554	5.8	101	0.00
62	T	n-Butyl Acetate	0.930	0.796	14.4	87	0.00
63	T	n-Octane	0.410	0.320	22.0	89	-0.01
64	T	Tetrachloroethene	0.709	0.659	7.1	109	0.00
65	T	Chlorobenzene	1.616	1.375	14.9	102	0.00
66	T	Ethylbenzene	2.479	2.152	13.2	100	0.00
67	T	m- & p-Xylenes	1.951	1.703	12.7	101	-0.01
68	T	Bromoform	0.527	0.558	-5.9	109	0.00
69	T	Styrene	1.524	1.427	6.4	100	0.00
70	T	o-Xylene	1.943	1.687	13.2	101	-0.01
71	T	n-Nonane	0.842	0.644	23.5	88	0.00
72	T	1,1,2,2-Tetrachloroethane	0.914	0.765	16.3	95	0.00
73	S	Bromofluorobenzene (SS3)	0.891	1.022	-14.7	134	0.00
74	T	Cumene	2.537	2.225	12.3	102	0.00
75	T	alpha-Pinene	1.278	1.114	12.8	98	0.00
76	T	n-Propylbenzene	2.942	2.559	13.0	100	0.00
77	T	3-Ethyltoluene	2.445	2.295	6.1	108	0.00
78	T	4-Ethyltoluene	2.435	2.102	13.7	96	0.00
79	T	1,3,5-Trimethylbenzene	2.150	1.877	12.7	102	0.00
80	T	alpha-Methylstyrene	1.154	1.036	10.2	97	0.00
81	T	2-Ethyltoluene	2.483	2.155	13.2	101	0.00
82	T	1,2,4-Trimethylbenzene	2.067	1.838	11.1	102	-0.01
83	T	n-Decane	0.988	0.780	21.1	90	0.00
84	T	Benzyl Chloride	1.489	1.605	-7.8	101	-0.01
85	T	1,3-Dichlorobenzene	1.276	1.216	4.7	106	-0.01
86	T	1,4-Dichlorobenzene	1.334	1.245	6.7	107	0.00
87	T	sec-Butylbenzene	2.852	2.463	13.6	100	0.00
88	T	4-Isopropyltoluene (p-Cymen	2.612	2.322	11.1	104	0.00
89	T	1,2,3-Trimethylbenzene	2.078	1.843	11.3	102	0.00
90	T	1,2-Dichlorobenzene	1.261	1.171	7.1	106	0.00
91	T	d-Limonene	0.745	0.588	21.1	88	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.436	0.472	-8.3	108	0.00
93	T	n-Undecane	1.012	0.831	17.9	92	0.00
94	T	1,2,4-Trichlorobenzene	0.911	0.992	-8.9	112	0.00
95	T	Naphthalene	2.655	2.834	-6.7	107	0.00
96	T	n-Dodecane	0.963	0.836	13.2	95	0.00
97	T	Hexachlorobutadiene	0.640	0.629	1.7	114	0.00
98	T	Cyclohexanone	0.651	0.535	17.8	85	-0.02
99	T	tert-Butylbenzene	2.086	1.849	11.4	104	0.00
100	T	n-Butylbenzene	2.143	1.912	10.8	100	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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www.alsglobal.com

LABORATORY REPORT

July 21, 2020

Eyal Shvartz
Dr. Katz Technologies & Enterprises (KTE)
HaMeginim Ave. 53
Haifa, ISR-HA 33265

RE: Tel Hashomer / KTE-72-20-Simi

Dear Eyal:

Enclosed are the results of the samples submitted to our laboratory on July 7, 2020. For your reference, these analyses have been assigned our service request number P2003763.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Sue Anderson at 1:31 pm, Jul 21, 2020

Sue Anderson
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request No: P2003763
Project: Tel Hashomer / KTE-72-20-Simi

CASE NARRATIVE

The samples were received intact under chain of custody on July 7, 2020 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The upper control criterion was exceeded for n-hexane in the Continuing Calibration Verification (CCV). Therefore, a potential for a high bias exists for those associated sample concentrations reported with positive results. The data has been qualified accordingly.

The spike recoveries of n-hexane and benzene for the Laboratory Control Sample (LCS) were outside the laboratory generated control criteria. The recovery errors equate to a potential high bias. However, the spike recoveries of the analytes in question were within the method criteria; therefore, the data quality has not been significantly affected. No corrective action was taken.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.1 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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Simi Valley, CA 93065
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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-007
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request: P2003763

Project ID: Tel Hashomer / KTE-72-20-Simi

Date Received: 7/7/2020

Time Received: 09:10

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	TO-15 - VOC Cans
AB	P2003763-001	Air	7/2/2020	09:10	1SC00887	-0.58	6.44	X
SG-25	P2003763-002	Air	7/2/2020	10:19	1SC00603	-1.81	6.23	X
SG-24	P2003763-003	Air	7/2/2020	12:05	1SS00978	-2.34	6.42	X

Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161

Page ____ of ____

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No. P2003763

ALS Contact:

Company Name & Address (Reporting Information): [illegible]

Project Name: [illegible]

Project Number: [illegible]

Project Manager:

Phone:

Fax:

P.O. # / Billing Information:

Email Address for Result Reporting:

Sampler (Print & Sign): [illegible]

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	Analysis Method: [illegible]		Comments e.g. Actual Preservative or specific instructions
A-[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	-26	-3	1L	✓		
[illegible]	2	[illegible]	[illegible]	[illegible]	[illegible]	-30	-5	1L	✓		
[illegible]	3	[illegible]	[illegible]	[illegible]	[illegible]	-30	-5	1L	✓		

Report Tier Levels - please select
Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) X
Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) 10% Surcharge ____

EDD required Yes / No
Type: ____ Units: ____

Chain of Custody Seal: (Circle)
INTACT BROKEN ABSENT

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[illegible]	[illegible]				
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature) [illegible]	Date: 7-7-20	Time: 0910

Cooler / Blank Temperature: ____ °C

ALS Environmental

Sample Acceptance Check Form

Client: Dr. Katz Technologies & Enterprises (KTE) Work order: P2003763

Project: "Tel Hashomer / KTE-72-20-Simi

Sample(s) received on: 7/7/20 Date opened: 7/7/20 by: ADAVID

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2003763-001.01	1.0 L Source Can					
P2003763-002.01	1.0 L Source Can					
P2003763-003.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers): _____

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **AB** ALS Project ID: P2003763
Client Project ID: **Tel Hashomer / KTE-72-20-Simi** ALS Sample ID: P2003763-001

Test Code: EPA TO-15 Date Collected: 7/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 7/7/20
Analyst: Wida Ang Date Analyzed: 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00887

Initial Pressure (psig): -0.58 Final Pressure (psig): 6.44

Canister Dilution Factor: 1.50

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**76**	2.0	0.49	**44**	1.2	0.28	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.5**	2.0	0.33	**0.50**	0.40	0.066	
74-87-3	Chloromethane	**1.0**	2.0	0.32	**0.51**	0.96	0.16	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.32	2.0	0.32	<0.045	0.28	0.045	
75-01-4	Vinyl Chloride	<0.21	2.0	0.21	<0.084	0.79	0.084	
106-99-0	1,3-Butadiene	<0.33	2.0	0.33	<0.15	0.90	0.15	
74-83-9	Bromomethane	<0.28	2.0	0.28	<0.071	0.52	0.071	
75-00-3	Chloroethane	<0.25	2.0	0.25	<0.094	0.77	0.094	
64-17-5	Ethanol	**41**	20	1.4	**22**	10	0.74	
75-05-8	Acetonitrile	**0.88**	2.0	0.49	**0.52**	1.2	0.29	**J**
67-64-1	Acetone	**61**	20	4.5	**26**	8.4	1.9	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.1**	2.0	0.30	**0.20**	0.35	0.054	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**520**	7.9	0.83	**210**	3.2	0.34	
107-13-1	Acrylonitrile	<0.41	2.0	0.41	<0.19	0.92	0.19	
75-35-4	1,1-Dichloroethene	<0.28	2.0	0.28	<0.070	0.51	0.070	
75-09-2	Methylene Chloride	<0.56	2.0	0.56	<0.16	0.57	0.16	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.27	2.0	0.27	<0.086	0.65	0.086	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.37**	2.0	0.29	**0.048**	0.26	0.037	**J**
75-15-0	Carbon Disulfide	**5.5**	4.1	0.60	**1.8**	1.3	0.19	
156-60-5	trans-1,2-Dichloroethene	<0.28	2.0	0.28	<0.070	0.51	0.070	
75-34-3	1,1-Dichloroethane	<0.29	2.1	0.29	<0.072	0.51	0.072	
1634-04-4	Methyl tert-Butyl Ether	<0.24	2.0	0.24	<0.066	0.56	0.066	
108-05-4	Vinyl Acetate	**5.7**	20	4.5	**1.6**	5.8	1.3	**J**
78-93-3	2-Butanone (MEK)	**6.2**	4.1	0.41	**2.1**	1.4	0.14	
156-59-2	cis-1,2-Dichloroethene	<0.28	2.0	0.28	<0.071	0.50	0.071	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **AB** ALS Project ID: P2003763
Client Project ID: **Tel Hashomer / KTE-72-20-Simi** ALS Sample ID: P2003763-001

Test Code: EPA TO-15 Date Collected: 7/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 7/7/20
Analyst: Wida Ang Date Analyzed: 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00887

Initial Pressure (psig): -0.58 Final Pressure (psig): 6.44

Canister Dilution Factor: 1.50

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
141-78-6	Ethyl Acetate	**1.7**	4.1	1.1	**0.46**	1.1	0.29	**J**
110-54-3	n-Hexane	<0.41	2.0	0.41	<0.12	0.57	0.12	
67-66-3	Chloroform	<0.27	2.0	0.27	<0.055	0.41	0.055	
109-99-9	Tetrahydrofuran (THF)	<0.25	2.1	0.25	<0.085	0.70	0.085	
107-06-2	1,2-Dichloroethane	<0.22	2.0	0.22	<0.055	0.50	0.055	
71-55-6	1,1,1-Trichloroethane	<0.25	2.0	0.25	<0.045	0.37	0.045	
71-43-2	Benzene	**0.33**	2.0	0.29	**0.10**	0.62	0.090	**J**
56-23-5	Carbon Tetrachloride	**0.30**	2.0	0.28	**0.048**	0.32	0.044	**J**
110-82-7	Cyclohexane	<0.56	4.1	0.56	<0.16	1.2	0.16	
78-87-5	1,2-Dichloropropane	<0.25	2.0	0.25	<0.054	0.44	0.054	
75-27-4	Bromodichloromethane	<0.29	2.0	0.29	<0.043	0.30	0.043	
79-01-6	Trichloroethene	<0.27	2.0	0.27	<0.050	0.38	0.050	
123-91-1	1,4-Dioxane	<0.24	2.0	0.24	<0.066	0.56	0.066	
80-62-6	Methyl Methacrylate	<0.71	4.1	0.71	<0.17	1.0	0.17	
142-82-5	n-Heptane	<0.32	2.0	0.32	<0.078	0.49	0.078	
10061-01-5	cis-1,3-Dichloropropene	<0.31	2.0	0.31	<0.069	0.43	0.069	
108-10-1	4-Methyl-2-pentanone	<0.27	2.0	0.27	<0.067	0.49	0.067	
10061-02-6	trans-1,3-Dichloropropene	<0.41	2.0	0.41	<0.091	0.44	0.091	
79-00-5	1,1,2-Trichloroethane	<0.20	2.0	0.20	<0.037	0.37	0.037	
108-88-3	Toluene	**2.1**	2.0	0.24	**0.55**	0.54	0.065	
591-78-6	2-Hexanone	**1.3**	2.0	0.25	**0.32**	0.49	0.060	**J**
124-48-1	Dibromochloromethane	<0.26	2.0	0.26	<0.031	0.24	0.031	
106-93-4	1,2-Dibromoethane	<0.23	2.0	0.23	<0.030	0.26	0.030	
123-86-4	n-Butyl Acetate	<0.27	2.1	0.27	<0.058	0.43	0.058	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **AB** ALS Project ID: P2003763
Client Project ID: **Tel Hashomer / KTE-72-20-Simi** ALS Sample ID: P2003763-001

Test Code: EPA TO-15 Date Collected: 7/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 7/7/20
Analyst: Wida Ang Date Analyzed: 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SC00887

Initial Pressure (psig): -0.58 Final Pressure (psig): 6.44

Canister Dilution Factor: 1.50

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.45	2.0	0.45	<0.096	0.43	0.096	
127-18-4	Tetrachloroethene	**0.30**	2.0	0.26	**0.045**	0.29	0.038	**J**
108-90-7	Chlorobenzene	<0.27	2.0	0.27	<0.058	0.44	0.058	
100-41-4	Ethylbenzene	<0.28	2.0	0.28	<0.065	0.47	0.065	
179601-23-1	m,p-Xylenes	**0.68**	4.1	0.53	**0.16**	0.95	0.12	**J**
75-25-2	Bromoform	<0.41	2.0	0.41	<0.040	0.20	0.040	
100-42-5	Styrene	<0.32	2.0	0.32	<0.076	0.47	0.076	
95-47-6	o-Xylene	<0.29	2.0	0.29	<0.067	0.47	0.067	
111-84-2	n-Nonane	<0.33	2.0	0.33	<0.064	0.39	0.064	
79-34-5	1,1,2,2-Tetrachloroethane	<0.28	2.0	0.28	<0.040	0.30	0.040	
98-82-8	Cumene	<0.29	2.0	0.29	<0.059	0.41	0.059	
80-56-8	alpha-Pinene	**0.43**	2.0	0.31	**0.077**	0.36	0.055	**J**
103-65-1	n-Propylbenzene	<0.29	2.0	0.29	<0.059	0.41	0.059	
622-96-8	4-Ethyltoluene	<0.32	2.0	0.32	<0.065	0.41	0.065	
108-67-8	1,3,5-Trimethylbenzene	<0.29	2.0	0.29	<0.059	0.40	0.059	
95-63-6	1,2,4-Trimethylbenzene	<0.28	2.0	0.28	<0.056	0.41	0.056	
100-44-7	Benzyl Chloride	<0.45	4.1	0.45	<0.087	0.80	0.087	
541-73-1	1,3-Dichlorobenzene	<0.30	2.0	0.30	<0.050	0.34	0.050	
106-46-7	1,4-Dichlorobenzene	<0.31	2.0	0.31	<0.051	0.34	0.051	
95-50-1	1,2-Dichlorobenzene	<0.30	2.0	0.30	<0.049	0.34	0.049	
5989-27-5	d-Limonene	**1.8**	2.0	0.41	**0.32**	0.36	0.074	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.38	2.0	0.38	<0.039	0.21	0.039	
120-82-1	1,2,4-Trichlorobenzene	<0.49	2.0	0.49	<0.066	0.27	0.066	
91-20-3	Naphthalene	<0.49	2.0	0.49	<0.093	0.37	0.093	
87-68-3	Hexachlorobutadiene	<0.41	2.0	0.41	<0.039	0.19	0.039	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-25** ALS Project ID: P2003763
Client Project ID: **Tel Hashomer / KTE-72-20-Simi** ALS Sample ID: P2003763-002

Test Code: EPA TO-15 Date Collected: 7/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 7/7/20
Analyst: Wida Ang Date Analyzed: 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00603

Initial Pressure (psig): -1.81 Final Pressure (psig): 6.23

Canister Dilution Factor: 1.62

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<5.3	21	5.3	<3.1	12	3.1	**D**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	2.1	0.35	**0.48**	0.43	0.071	
74-87-3	Chloromethane	**1.2**	2.1	0.35	**0.57**	1.0	0.17	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.34	2.1	0.34	<0.049	0.31	0.049	
75-01-4	Vinyl Chloride	<0.23	2.2	0.23	<0.090	0.86	0.090	
106-99-0	1,3-Butadiene	<0.36	2.1	0.36	<0.16	0.97	0.16	
74-83-9	Bromomethane	<0.30	2.2	0.30	<0.077	0.56	0.077	
75-00-3	Chloroethane	<0.27	2.2	0.27	<0.10	0.83	0.10	
64-17-5	Ethanol	**1,100**	21	1.5	**600**	11	0.80	
75-05-8	Acetonitrile	**2.3**	2.1	0.53	**1.4**	1.3	0.31	
67-64-1	Acetone	**150**	21	4.9	**63**	9.0	2.0	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.2**	2.1	0.33	**0.21**	0.38	0.058	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**3,500**	85	8.9	**1,400**	35	3.6	**D**
107-13-1	Acrylonitrile	<0.45	2.1	0.45	<0.21	0.99	0.21	
75-35-4	1,1-Dichloroethene	<0.30	2.2	0.30	<0.076	0.55	0.076	
75-09-2	Methylene Chloride	**1.3**	2.1	0.61	**0.36**	0.62	0.17	**J**
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.29	2.2	0.29	<0.093	0.70	0.093	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.35**	2.2	0.31	**0.045**	0.29	0.040	**J**
75-15-0	Carbon Disulfide	**7.5**	4.5	0.65	**2.4**	1.4	0.21	
156-60-5	trans-1,2-Dichloroethene	<0.30	2.2	0.30	<0.076	0.55	0.076	
75-34-3	1,1-Dichloroethane	<0.32	2.2	0.32	<0.078	0.55	0.078	
1634-04-4	Methyl tert-Butyl Ether	**0.43**	2.2	0.26	**0.12**	0.61	0.071	**J**
108-05-4	Vinyl Acetate	**14**	22	4.9	**3.9**	6.2	1.4	**J**
78-93-3	2-Butanone (MEK)	**15**	4.5	0.45	**5.1**	1.5	0.15	
156-59-2	cis-1,2-Dichloroethene	<0.30	2.1	0.30	<0.077	0.54	0.077	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
D = The reported result is from a dilution.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-25** ALS Project ID: P2003763
Client Project ID: **Tel Hashomer / KTE-72-20-Simi** ALS Sample ID: P2003763-002

Test Code: EPA TO-15 Date Collected: 7/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 7/7/20
Analyst: Wida Ang Date Analyzed: 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00603

Initial Pressure (psig): -1.81 Final Pressure (psig): 6.23

Canister Dilution Factor: 1.62

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
141-78-6	Ethyl Acetate	**20**	4.5	1.1	**5.5**	1.2	0.31	
110-54-3	n-Hexane	**2.0**	2.2	0.45	**0.56**	0.62	0.13	**J, V**
67-66-3	Chloroform	<0.29	2.2	0.29	<0.059	0.45	0.059	
109-99-9	Tetrahydrofuran (THF)	**2.0**	2.2	0.27	**0.68**	0.76	0.092	**J**
107-06-2	1,2-Dichloroethane	<0.24	2.2	0.24	<0.059	0.54	0.059	
71-55-6	1,1,1-Trichloroethane	<0.27	2.2	0.27	<0.049	0.40	0.049	
71-43-2	Benzene	**1.1**	2.1	0.31	**0.35**	0.67	0.098	**J**
56-23-5	Carbon Tetrachloride	**2.7**	2.1	0.30	**0.43**	0.34	0.048	
110-82-7	Cyclohexane	<0.61	4.5	0.61	<0.18	1.3	0.18	
78-87-5	1,2-Dichloropropane	<0.27	2.2	0.27	<0.058	0.47	0.058	
75-27-4	Bromodichloromethane	<0.31	2.2	0.31	<0.047	0.33	0.047	
79-01-6	Trichloroethene	<0.29	2.2	0.29	<0.054	0.41	0.054	
123-91-1	1,4-Dioxane	<0.26	2.2	0.26	<0.071	0.61	0.071	
80-62-6	Methyl Methacrylate	<0.77	4.5	0.77	<0.19	1.1	0.19	
142-82-5	n-Heptane	**2.4**	2.2	0.34	**0.58**	0.53	0.084	
10061-01-5	cis-1,3-Dichloropropene	<0.34	2.1	0.34	<0.074	0.46	0.074	
108-10-1	4-Methyl-2-pentanone	**1.3**	2.1	0.30	**0.32**	0.52	0.072	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.45	2.1	0.45	<0.098	0.47	0.098	
79-00-5	1,1,2-Trichloroethane	<0.22	2.2	0.22	<0.040	0.40	0.040	
108-88-3	Toluene	**9.7**	2.2	0.26	**2.6**	0.58	0.070	
591-78-6	2-Hexanone	**2.1**	2.2	0.27	**0.51**	0.53	0.065	**J**
124-48-1	Dibromochloromethane	<0.28	2.2	0.28	<0.033	0.26	0.033	
106-93-4	1,2-Dibromoethane	<0.25	2.2	0.25	<0.033	0.28	0.033	
123-86-4	n-Butyl Acetate	**1.7**	2.2	0.30	**0.35**	0.47	0.062	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-25** ALS Project ID: P2003763
Client Project ID: **Tel Hashomer / KTE-72-20-Simi** ALS Sample ID: P2003763-002

Test Code: EPA TO-15 Date Collected: 7/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 7/7/20
Analyst: Wida Ang Date Analyzed: 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SC00603

Initial Pressure (psig): -1.81 Final Pressure (psig): 6.23

Canister Dilution Factor: 1.62

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**1.4**	2.2	0.49	**0.31**	0.47	0.10	**J**
127-18-4	Tetrachloroethene	**46**	2.1	0.28	**6.8**	0.31	0.041	
108-90-7	Chlorobenzene	<0.29	2.2	0.29	<0.062	0.48	0.062	
100-41-4	Ethylbenzene	**0.68**	2.2	0.30	**0.16**	0.50	0.070	**J**
179601-23-1	m,p-Xylenes	**2.0**	4.5	0.57	**0.45**	1.0	0.13	**J**
75-25-2	Bromoform	<0.45	2.2	0.45	<0.043	0.21	0.043	
100-42-5	Styrene	**0.38**	2.1	0.35	**0.090**	0.50	0.082	**J**
95-47-6	o-Xylene	**0.82**	2.2	0.31	**0.19**	0.50	0.072	**J**
111-84-2	n-Nonane	**0.88**	2.2	0.36	**0.17**	0.42	0.069	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.30	2.2	0.30	<0.044	0.32	0.044	
98-82-8	Cumene	<0.31	2.2	0.31	<0.063	0.45	0.063	
80-56-8	alpha-Pinene	**0.77**	2.2	0.33	**0.14**	0.39	0.060	**J**
103-65-1	n-Propylbenzene	<0.31	2.2	0.31	<0.063	0.45	0.063	
622-96-8	4-Ethyltoluene	<0.34	2.2	0.34	<0.070	0.45	0.070	
108-67-8	1,3,5-Trimethylbenzene	<0.31	2.1	0.31	<0.063	0.44	0.063	
95-63-6	1,2,4-Trimethylbenzene	**0.58**	2.2	0.30	**0.12**	0.45	0.061	**J**
100-44-7	Benzyl Chloride	<0.49	4.5	0.49	<0.094	0.86	0.094	
541-73-1	1,3-Dichlorobenzene	<0.32	2.2	0.32	<0.054	0.36	0.054	
106-46-7	1,4-Dichlorobenzene	<0.33	2.2	0.33	<0.055	0.36	0.055	
95-50-1	1,2-Dichlorobenzene	<0.32	2.2	0.32	<0.053	0.36	0.053	
5989-27-5	d-Limonene	**12**	2.2	0.45	**2.1**	0.39	0.080	
96-12-8	1,2-Dibromo-3-chloropropane	<0.41	2.1	0.41	<0.042	0.22	0.042	
120-82-1	1,2,4-Trichlorobenzene	<0.53	2.2	0.53	<0.071	0.29	0.071	
91-20-3	Naphthalene	<0.53	2.1	0.53	<0.10	0.40	0.10	
87-68-3	Hexachlorobutadiene	<0.45	2.1	0.45	<0.042	0.20	0.042	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-24** ALS Project ID: P2003763
Client Project ID: **Tel Hashomer / KTE-72-20-Simi** ALS Sample ID: P2003763-003

Test Code: EPA TO-15 Date Collected: 7/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 7/7/20
Analyst: Wida Ang Date Analyzed: 7/15 - 7/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00978

Initial Pressure (psig): -2.34 Final Pressure (psig): 6.42

Canister Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**130**	2.3	0.56	**75**	1.3	0.32	
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.1**	2.3	0.37	**0.62**	0.46	0.075	
74-87-3	Chloromethane	<0.37	2.3	0.37	<0.18	1.1	0.18	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.36	2.3	0.36	<0.051	0.32	0.051	
75-01-4	Vinyl Chloride	<0.24	2.3	0.24	<0.095	0.90	0.095	
106-99-0	1,3-Butadiene	<0.38	2.3	0.38	<0.17	1.0	0.17	
74-83-9	Bromomethane	<0.32	2.3	0.32	<0.082	0.59	0.082	
75-00-3	Chloroethane	<0.28	2.3	0.28	<0.11	0.88	0.11	
64-17-5	Ethanol	**55**	22	1.6	**29**	12	0.84	
75-05-8	Acetonitrile	**1.0**	2.3	0.56	**0.60**	1.4	0.33	**J**
67-64-1	Acetone	**82**	23	5.1	**34**	9.5	2.2	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.5**	2.3	0.35	**0.27**	0.40	0.062	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**820**	9.0	0.94	**330**	3.7	0.38	
107-13-1	Acrylonitrile	<0.47	2.3	0.47	<0.22	1.0	0.22	
75-35-4	1,1-Dichloroethene	<0.32	2.3	0.32	<0.080	0.58	0.080	
75-09-2	Methylene Chloride	<0.64	2.3	0.64	<0.18	0.65	0.18	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.31	2.3	0.31	<0.098	0.74	0.098	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.38**	2.3	0.32	**0.049**	0.30	0.042	**J**
75-15-0	Carbon Disulfide	<0.68	4.7	0.68	<0.22	1.5	0.22	
156-60-5	trans-1,2-Dichloroethene	<0.32	2.3	0.32	<0.080	0.58	0.080	
75-34-3	1,1-Dichloroethane	<0.33	2.4	0.33	<0.082	0.58	0.082	
1634-04-4	Methyl tert-Butyl Ether	<0.27	2.3	0.27	<0.075	0.64	0.075	
108-05-4	Vinyl Acetate	<5.1	23	5.1	<1.5	6.6	1.5	
78-93-3	2-Butanone (MEK)	**4.1**	4.7	0.47	**1.4**	1.6	0.16	**J**
156-59-2	cis-1,2-Dichloroethene	<0.32	2.3	0.32	<0.081	0.57	0.081	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-24** ALS Project ID: P2003763
Client Project ID: **Tel Hashomer / KTE-72-20-Simi** ALS Sample ID: P2003763-003

Test Code: EPA TO-15 Date Collected: 7/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 7/7/20
Analyst: Wida Ang Date Analyzed: 7/15 - 7/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00978

Initial Pressure (psig): -2.34 Final Pressure (psig): 6.42

Canister Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
141-78-6	Ethyl Acetate	**3.0**	4.7	1.2	**0.83**	1.3	0.33	**J**
110-54-3	n-Hexane	<0.47	2.3	0.47	<0.13	0.66	0.13	
67-66-3	Chloroform	**0.97**	2.3	0.30	**0.20**	0.47	0.062	**J**
109-99-9	Tetrahydrofuran (THF)	<0.29	2.4	0.29	<0.097	0.80	0.097	
107-06-2	1,2-Dichloroethane	<0.25	2.3	0.25	<0.062	0.57	0.062	
71-55-6	1,1,1-Trichloroethane	<0.28	2.3	0.28	<0.052	0.42	0.052	
71-43-2	Benzene	<0.33	2.3	0.33	<0.10	0.71	0.10	
56-23-5	Carbon Tetrachloride	**10**	2.3	0.32	**1.7**	0.36	0.050	
110-82-7	Cyclohexane	<0.64	4.7	0.64	<0.19	1.4	0.19	
78-87-5	1,2-Dichloropropane	<0.28	2.3	0.28	<0.061	0.50	0.061	
75-27-4	Bromodichloromethane	<0.33	2.3	0.33	<0.049	0.34	0.049	
79-01-6	Trichloroethene	**2.1**	2.3	0.31	**0.40**	0.43	0.057	**J**
123-91-1	1,4-Dioxane	<0.27	2.3	0.27	<0.075	0.64	0.075	
80-62-6	Methyl Methacrylate	<0.81	4.7	0.81	<0.20	1.1	0.20	
142-82-5	n-Heptane	<0.36	2.3	0.36	<0.089	0.56	0.089	
10061-01-5	cis-1,3-Dichloropropene	<0.35	2.2	0.35	<0.078	0.49	0.078	
108-10-1	4-Methyl-2-pentanone	**1.0**	2.3	0.31	**0.25**	0.55	0.076	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.47	2.3	0.47	<0.10	0.50	0.10	
79-00-5	1,1,2-Trichloroethane	<0.23	2.3	0.23	<0.042	0.42	0.042	
108-88-3	Toluene	**1.3**	2.3	0.28	**0.35**	0.61	0.074	**J**
591-78-6	2-Hexanone	<0.28	2.3	0.28	<0.069	0.56	0.069	
124-48-1	Dibromochloromethane	<0.30	2.3	0.30	<0.035	0.27	0.035	
106-93-4	1,2-Dibromoethane	<0.27	2.3	0.27	<0.035	0.30	0.035	
123-86-4	n-Butyl Acetate	<0.31	2.4	0.31	<0.066	0.50	0.066	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-24** ALS Project ID: P2003763
Client Project ID: **Tel Hashomer / KTE-72-20-Simi** ALS Sample ID: P2003763-003

Test Code: EPA TO-15 Date Collected: 7/2/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 7/7/20
Analyst: Wida Ang Date Analyzed: 7/15 - 7/16/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00978

Initial Pressure (psig): -2.34 Final Pressure (psig): 6.42

Canister Dilution Factor: 1.71

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.51	2.3	0.51	<0.11	0.49	0.11	
127-18-4	Tetrachloroethene	**600**	22	2.9	**88**	3.3	0.44	**D**
108-90-7	Chlorobenzene	<0.30	2.3	0.30	<0.066	0.50	0.066	
100-41-4	Ethylbenzene	**0.56**	2.3	0.32	**0.13**	0.53	0.074	**J**
179601-23-1	m,p-Xylenes	**2.0**	4.7	0.60	**0.47**	1.1	0.14	**J**
75-25-2	Bromoform	<0.47	2.3	0.47	<0.045	0.22	0.045	
100-42-5	Styrene	**0.38**	2.3	0.37	**0.089**	0.53	0.086	**J**
95-47-6	o-Xylene	**0.83**	2.3	0.33	**0.19**	0.53	0.076	**J**
111-84-2	n-Nonane	<0.38	2.3	0.38	<0.073	0.44	0.073	
79-34-5	1,1,2,2-Tetrachloroethane	<0.32	2.3	0.32	<0.046	0.34	0.046	
98-82-8	Cumene	<0.33	2.3	0.33	<0.067	0.47	0.067	
80-56-8	alpha-Pinene	<0.35	2.3	0.35	<0.063	0.41	0.063	
103-65-1	n-Propylbenzene	<0.33	2.3	0.33	<0.067	0.47	0.067	
622-96-8	4-Ethyltoluene	**0.42**	2.3	0.36	**0.086**	0.47	0.074	**J**
108-67-8	1,3,5-Trimethylbenzene	<0.33	2.3	0.33	<0.067	0.46	0.067	
95-63-6	1,2,4-Trimethylbenzene	**1.2**	2.3	0.32	**0.25**	0.47	0.064	**J**
100-44-7	Benzyl Chloride	<0.51	4.7	0.51	<0.099	0.91	0.099	
541-73-1	1,3-Dichlorobenzene	<0.34	2.3	0.34	<0.057	0.38	0.057	
106-46-7	1,4-Dichlorobenzene	<0.35	2.3	0.35	<0.058	0.38	0.058	
95-50-1	1,2-Dichlorobenzene	<0.34	2.3	0.34	<0.056	0.38	0.056	
5989-27-5	d-Limonene	<0.47	2.3	0.47	<0.084	0.41	0.084	
96-12-8	1,2-Dibromo-3-chloropropane	<0.43	2.3	0.43	<0.044	0.23	0.044	
120-82-1	1,2,4-Trichlorobenzene	<0.56	2.3	0.56	<0.075	0.31	0.075	
91-20-3	Naphthalene	<0.56	2.2	0.56	<0.11	0.42	0.11	
87-68-3	Hexachlorobutadiene	<0.47	2.3	0.47	<0.044	0.21	0.044	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2003763
Client Project ID: **Tel Hashomer / KTE-72-20-Simi** ALS Sample ID: P200715-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.13	0.53	0.13	<0.076	0.31	0.076	
75-71-8	Dichlorodifluoromethane (CFC 12)	<0.087	0.53	0.087	<0.018	0.11	0.018	
74-87-3	Chloromethane	<0.086	0.53	0.086	<0.042	0.26	0.042	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.084	0.53	0.084	<0.012	0.076	0.012	
75-01-4	Vinyl Chloride	<0.057	0.54	0.057	<0.022	0.21	0.022	
106-99-0	1,3-Butadiene	<0.088	0.53	0.088	<0.040	0.24	0.040	
74-83-9	Bromomethane	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-00-3	Chloroethane	<0.066	0.54	0.066	<0.025	0.20	0.025	
64-17-5	Ethanol	<0.37	5.2	0.37	<0.20	2.8	0.20	
75-05-8	Acetonitrile	<0.13	0.53	0.13	<0.077	0.32	0.077	
67-64-1	Acetone	<1.2	5.3	1.2	<0.51	2.2	0.51	
75-69-4	Trichlorofluoromethane (CFC 11)	<0.081	0.53	0.081	<0.014	0.094	0.014	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.22	2.1	0.22	<0.090	0.85	0.090	
107-13-1	Acrylonitrile	<0.11	0.53	0.11	<0.051	0.24	0.051	
75-35-4	1,1-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-09-2	Methylene Chloride	<0.15	0.53	0.15	<0.043	0.15	0.043	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.072	0.54	0.072	<0.023	0.17	0.023	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.076	0.54	0.076	<0.0099	0.070	0.0099	
75-15-0	Carbon Disulfide	<0.16	1.1	0.16	<0.051	0.35	0.051	
156-60-5	trans-1,2-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-34-3	1,1-Dichloroethane	<0.078	0.55	0.078	<0.019	0.14	0.019	
1634-04-4	Methyl tert-Butyl Ether	<0.063	0.54	0.063	<0.017	0.15	0.017	
108-05-4	Vinyl Acetate	<1.2	5.4	1.2	<0.34	1.5	0.34	
78-93-3	2-Butanone (MEK)	<0.11	1.1	0.11	<0.037	0.37	0.037	
156-59-2	cis-1,2-Dichloroethene	<0.075	0.53	0.075	<0.019	0.13	0.019	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003763

Client Project ID: **Tel Hashomer / KTE-72-20-Simi** ALS Sample ID: P200715-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA

Analyst: Wida Ang Date Analyzed: 7/15/20

Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
141-78-6	Ethyl Acetate	<0.28	1.1	0.28	<0.078	0.31	0.078	
110-54-3	n-Hexane	<0.11	0.54	0.11	<0.031	0.15	0.031	
67-66-3	Chloroform	<0.071	0.54	0.071	<0.015	0.11	0.015	
109-99-9	Tetrahydrofuran (THF)	<0.067	0.55	0.067	<0.023	0.19	0.023	
107-06-2	1,2-Dichloroethane	<0.059	0.54	0.059	<0.015	0.13	0.015	
71-55-6	1,1,1-Trichloroethane	<0.066	0.54	0.066	<0.012	0.099	0.012	
71-43-2	Benzene	<0.077	0.53	0.077	<0.024	0.17	0.024	
56-23-5	Carbon Tetrachloride	<0.074	0.53	0.074	<0.012	0.084	0.012	
110-82-7	Cyclohexane	<0.15	1.1	0.15	<0.044	0.32	0.044	
78-87-5	1,2-Dichloropropane	<0.066	0.54	0.066	<0.014	0.12	0.014	
75-27-4	Bromodichloromethane	<0.077	0.54	0.077	<0.011	0.081	0.011	
79-01-6	Trichloroethene	<0.072	0.54	0.072	<0.013	0.10	0.013	
123-91-1	1,4-Dioxane	<0.063	0.54	0.063	<0.017	0.15	0.017	
80-62-6	Methyl Methacrylate	<0.19	1.1	0.19	<0.046	0.27	0.046	
142-82-5	n-Heptane	<0.085	0.54	0.085	<0.021	0.13	0.021	
10061-01-5	cis-1,3-Dichloropropene	<0.083	0.52	0.083	<0.018	0.11	0.018	
108-10-1	4-Methyl-2-pentanone	<0.073	0.53	0.073	<0.018	0.13	0.018	
10061-02-6	trans-1,3-Dichloropropene	<0.11	0.53	0.11	<0.024	0.12	0.024	
79-00-5	1,1,2-Trichloroethane	<0.054	0.54	0.054	<0.0099	0.099	0.0099	
108-88-3	Toluene	<0.065	0.54	0.065	<0.017	0.14	0.017	
591-78-6	2-Hexanone	<0.066	0.54	0.066	<0.016	0.13	0.016	
124-48-1	Dibromochloromethane	<0.070	0.54	0.070	<0.0082	0.063	0.0082	
106-93-4	1,2-Dibromoethane	<0.062	0.54	0.062	<0.0081	0.070	0.0081	
123-86-4	n-Butyl Acetate	<0.073	0.55	0.073	<0.015	0.12	0.015	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003763

Client Project ID: **Tel Hashomer / KTE-72-20-Simi** ALS Sample ID: P200715-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA

Analyst: Wida Ang Date Analyzed: 7/15/20

Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.12	0.54	0.12	<0.026	0.12	0.026	
127-18-4	Tetrachloroethene	<0.069	0.52	0.069	<0.010	0.077	0.010	
108-90-7	Chlorobenzene	<0.071	0.54	0.071	<0.015	0.12	0.015	
100-41-4	Ethylbenzene	<0.075	0.54	0.075	<0.017	0.12	0.017	
179601-23-1	m,p-Xylenes	<0.14	1.1	0.14	<0.032	0.25	0.032	
75-25-2	Bromoform	<0.11	0.54	0.11	<0.011	0.052	0.011	
100-42-5	Styrene	<0.086	0.53	0.086	<0.020	0.12	0.020	
95-47-6	o-Xylene	<0.077	0.54	0.077	<0.018	0.12	0.018	
111-84-2	n-Nonane	<0.089	0.54	0.089	<0.017	0.10	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	<0.074	0.54	0.074	<0.011	0.079	0.011	
98-82-8	Cumene	<0.077	0.54	0.077	<0.016	0.11	0.016	
80-56-8	alpha-Pinene	<0.082	0.54	0.082	<0.015	0.097	0.015	
103-65-1	n-Propylbenzene	<0.077	0.54	0.077	<0.016	0.11	0.016	
622-96-8	4-Ethyltoluene	<0.085	0.54	0.085	<0.017	0.11	0.017	
108-67-8	1,3,5-Trimethylbenzene	<0.077	0.53	0.077	<0.016	0.11	0.016	
95-63-6	1,2,4-Trimethylbenzene	<0.074	0.54	0.074	<0.015	0.11	0.015	
100-44-7	Benzyl Chloride	<0.12	1.1	0.12	<0.023	0.21	0.023	
541-73-1	1,3-Dichlorobenzene	<0.080	0.54	0.080	<0.013	0.090	0.013	
106-46-7	1,4-Dichlorobenzene	<0.082	0.54	0.082	<0.014	0.090	0.014	
95-50-1	1,2-Dichlorobenzene	<0.079	0.54	0.079	<0.013	0.090	0.013	
5989-27-5	d-Limonene	<0.11	0.54	0.11	<0.020	0.097	0.020	
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.53	0.10	<0.010	0.055	0.010	
120-82-1	1,2,4-Trichlorobenzene	<0.13	0.54	0.13	<0.018	0.073	0.018	
91-20-3	Naphthalene	<0.13	0.52	0.13	<0.025	0.099	0.025	
87-68-3	Hexachlorobutadiene	<0.11	0.53	0.11	<0.010	0.050	0.010	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Project ID: **Tel Hashomer / KTE-72-20-Simi** ALS Project ID: P2003763

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date(s) Collected: 7/2/20
Analyst: Wida Ang Date(s) Received: 7/7/20
Sample Type: 1.0 L Summa Canister(s) / 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 7/15/20
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P200715-MB	**112**	**99**	**79**	70-130	
Lab Control Sample	P200715-LCS	**112**	**95**	**83**	70-130	
AB	P2003763-001	**111**	**97**	**79**	70-130	
SG-25	P2003763-002	**111**	**91**	**78**	70-130	
SG-24	P2003763-003	**113**	**98**	**81**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003763
Client Project ID: **Tel Hashomer / KTE-72-20-Simi** ALS Sample ID: P200715-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
115-07-1	Propene	210	**210**	**100**	51-133	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**190**	**90**	64-115	
74-87-3	Chloromethane	212	**176**	**83**	49-127	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	206	**157**	**76**	65-114	
75-01-4	Vinyl Chloride	212	**212**	**100**	61-129	
106-99-0	1,3-Butadiene	212	**208**	**98**	54-140	
74-83-9	Bromomethane	212	**192**	**91**	68-120	
75-00-3	Chloroethane	214	**218**	**102**	63-123	
64-17-5	Ethanol	1,060	**1030**	**97**	49-134	
75-05-8	Acetonitrile	214	**220**	**103**	50-137	
67-64-1	Acetone	1,070	**1250**	**117**	56-125	
75-69-4	Trichlorofluoromethane (CFC 11)	212	**198**	**93**	64-115	
67-63-0	2-Propanol (Isopropyl Alcohol)	422	**454**	**108**	57-133	
107-13-1	Acrylonitrile	212	**263**	**124**	64-136	
75-35-4	1,1-Dichloroethene	214	**208**	**97**	67-115	
75-09-2	Methylene Chloride	210	**214**	**102**	68-114	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	214	**216**	**101**	55-139	
76-13-1	Trichlorotrifluoroethane (CFC 113)	216	**182**	**84**	65-115	
75-15-0	Carbon Disulfide	212	**206**	**97**	68-113	
156-60-5	trans-1,2-Dichloroethene	214	**235**	**110**	65-122	
75-34-3	1,1-Dichloroethane	212	**228**	**108**	63-118	
1634-04-4	Methyl tert-Butyl Ether	214	**230**	**107**	57-131	
108-05-4	Vinyl Acetate	1,070	**1170**	**109**	71-128	
78-93-3	2-Butanone (MEK)	212	**228**	**108**	67-123	
156-59-2	cis-1,2-Dichloroethene	212	**236**	**111**	64-120	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003763
Client Project ID: **Tel Hashomer / KTE-72-20-Simi** ALS Sample ID: P200715-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
141-78-6	Ethyl Acetate	432	**535**	**124**	64-131	
110-54-3	n-Hexane	216	**281**	**130**	58-125	**L**
67-66-3	Chloroform	214	**228**	**107**	65-114	
109-99-9	Tetrahydrofuran (THF)	220	**235**	**107**	65-115	
107-06-2	1,2-Dichloroethane	214	**221**	**103**	59-119	
71-55-6	1,1,1-Trichloroethane	214	**210**	**98**	66-115	
71-43-2	Benzene	210	**230**	**110**	66-109	**L**
56-23-5	Carbon Tetrachloride	208	**193**	**93**	66-119	
110-82-7	Cyclohexane	422	**461**	**109**	67-117	
78-87-5	1,2-Dichloropropane	214	**246**	**115**	66-119	
75-27-4	Bromodichloromethane	218	**223**	**102**	71-119	
79-01-6	Trichloroethene	216	**192**	**89**	70-114	
123-91-1	1,4-Dioxane	216	**215**	**100**	71-117	
80-62-6	Methyl Methacrylate	430	**441**	**103**	76-121	
142-82-5	n-Heptane	214	**241**	**113**	66-119	
10061-01-5	cis-1,3-Dichloropropene	214	**244**	**114**	72-125	
108-10-1	4-Methyl-2-pentanone	212	**241**	**114**	68-130	
10061-02-6	trans-1,3-Dichloropropene	212	**236**	**111**	71-132	
79-00-5	1,1,2-Trichloroethane	214	**218**	**102**	70-117	
108-88-3	Toluene	212	**199**	**94**	67-113	
591-78-6	2-Hexanone	216	**203**	**94**	62-135	
124-48-1	Dibromochloromethane	214	**184**	**86**	73-126	
106-93-4	1,2-Dibromoethane	214	**194**	**91**	71-122	
123-86-4	n-Butyl Acetate	218	**204**	**94**	65-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.
L = Laboratory control sample recovery outside the specified limits, results may be biased high.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003763
Client Project ID: **Tel Hashomer / KTE-72-20-Simi** ALS Sample ID: P200715-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 7/15/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
111-65-9	n-Octane	216	**216**	**100**	63-120	
127-18-4	Tetrachloroethene	208	**154**	**74**	64-120	
108-90-7	Chlorobenzene	214	**185**	**86**	65-116	
100-41-4	Ethylbenzene	212	**208**	**98**	65-117	
179601-23-1	m,p-Xylenes	426	**444**	**104**	64-121	
75-25-2	Bromoform	214	**166**	**78**	72-130	
100-42-5	Styrene	212	**210**	**99**	72-126	
95-47-6	o-Xylene	214	**217**	**101**	64-120	
111-84-2	n-Nonane	214	**229**	**107**	56-132	
79-34-5	1,1,2,2-Tetrachloroethane	214	**233**	**109**	66-122	
98-82-8	Cumene	214	**210**	**98**	64-121	
80-56-8	alpha-Pinene	212	**209**	**99**	62-136	
103-65-1	n-Propylbenzene	214	**227**	**106**	65-123	
622-96-8	4-Ethyltoluene	210	**206**	**98**	71-126	
108-67-8	1,3,5-Trimethylbenzene	212	**215**	**101**	65-120	
95-63-6	1,2,4-Trimethylbenzene	212	**249**	**117**	63-129	
100-44-7	Benzyl Chloride	214	**221**	**103**	66-138	
541-73-1	1,3-Dichlorobenzene	214	**203**	**95**	65-127	
106-46-7	1,4-Dichlorobenzene	214	**200**	**93**	65-125	
95-50-1	1,2-Dichlorobenzene	214	**221**	**103**	67-128	
5989-27-5	d-Limonene	212	**260**	**123**	65-136	
96-12-8	1,2-Dibromo-3-chloropropane	214	**177**	**83**	73-133	
120-82-1	1,2,4-Trichlorobenzene	216	**168**	**78**	62-140	
91-20-3	Naphthalene	212	**209**	**99**	57-149	
87-68-3	Hexachlorobutadiene	214	**155**	**72**	57-129	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Response Factor Report MS13

Method Path : I:\MS13\METHODS\
Method File : R13062320.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
Last Update : Wed Jun 24 06:33:38 2020
Response Via : Initial Calibration

LH 6/24/20

Calibration Files
0.1 =06232011.D 0.2 =06232003.D 0.5 =06232004.D 1.0 =06232005.D 5.0 =06232006.D 25 =06232
100 =06232009.D

		Compound	0.1	0.2	0.5	1.0	5.0	25	50	100	Avg	%RSD
1)	IR	Bromochloromethane...	----------ISTD----------									
2)	T	Propene	1.090	1.204	1.254	1.250	1.087	1.145	1.301	1.737	1.258	16.58
3)	T	Dichlorodifluo...	2.470	2.587	2.723	2.684	2.568	2.605	2.713	2.864	2.652	4.54
4)	T	Chloromethane	1.826	1.774	1.747	1.532	1.808	1.667	1.538	1.110	1.625	14.59
5)	T	1,2-Dichloro-1...	1.545	1.727	1.886	1.918	1.816	1.846	1.911	1.977	1.828	7.50
6)	T	Vinyl Chloride	2.022	2.073	2.292	2.186	2.111	2.098	2.130	2.158	2.134	3.82
7)	T	1,3-Butadiene	1.030	1.175	1.565	1.629	1.204	1.288	1.730	1.824	1.431	20.46
8)	T	Bromomethane	0.934	1.046	1.087	1.094	1.072	1.102	1.145	1.229	1.089	7.71
9)	T	Chloroethane	0.689	0.686	0.776	0.777	0.759	0.762	0.792	0.861	0.763	7.38
10)	T	Ethanol	0.902	0.746	0.978	0.886	0.834	0.936	1.007	1.057	0.918	10.82
11)	T	Acetonitrile	1.979	1.794	1.979	1.835	1.792	1.877	1.934	2.063	1.907	5.15
12)	T	Acrolein	0.540	0.607	0.630	0.656	0.675	0.687	0.717	0.752	0.658	10.06
13)	T	Acetone	0.792	0.797	0.883	0.858	0.815	0.973	1.075	1.089	0.910	13.29
14)	T	Trichlorofluor...	2.045	2.090	2.355	2.304	2.241	2.320	2.421	2.641	2.302	8.16
15)	T	2-Propanol (Is...	2.595	2.683	2.863	2.672	2.840	3.080	3.106	2.662	2.813	6.95
16)	T	Acrylonitrile	0.910	1.083	1.294	1.291	1.322	1.429	1.492	1.596	1.302	16.96
17)	T	1,1-Dichloroet...	1.025	1.067	1.166	1.138	1.102	1.156	1.199	1.310	1.145	7.62
18)	T	2-Methyl-2-Pro...	2.604	2.762	2.910	2.788	2.975	3.338	3.362	2.272	2.876	12.61
19)	T	Methylene Chlo...	1.118	1.122	1.238	1.163	1.143	1.210	1.303	1.469	1.221	9.73
20)	T	3-Chloro-1-pro...	1.778	1.697	1.671	1.588	1.600	1.660	1.709	1.827	1.691	4.83
21)	T	Trichlorotrifl...	1.040	1.004	1.090	1.095	1.131	1.153	1.194	1.307	1.127	8.39
22)	T	Carbon Disulfide	5.927	4.945	4.471	4.219	4.016	4.138	4.231	4.507	4.557	13.70
23)	T	trans-1,2-Dich...	1.288	1.369	1.560	1.560	1.546	1.600	1.674	1.806	1.550	10.50
24)	T	1,1-Dichloroet...	1.800	1.756	1.920	1.925	1.884	1.938	1.994	2.089	1.913	5.46
25)	T	Methyl tert-Bu...	3.045	3.206	3.420	3.484	3.498	3.658	3.844	3.910	3.508	8.43
26)	T	Vinyl Acetate			0.269	0.283	0.311	0.399	0.451	0.433	0.358	22.29
27)	T	2-Butanone (MEK)			0.792	0.765	0.765	0.834	0.884	0.976	0.836	9.84
28)	T	cis-1,2-Dichlo...	1.434	1.360	1.532	1.544	1.511	1.586	1.651	1.772	1.549	8.18
29)	T	Diisopropyl Ether	0.876	0.980	1.102	1.126	1.201	1.318	1.496	1.489	1.198	18.75
30)	T	Ethyl Acetate			0.370	0.388	0.403	0.503	0.564	0.558	0.465	18.92
31)	T	n-Hexane	1.474	1.691	1.791	1.761	1.806	2.170	2.375	2.325	1.924	16.89
32)	T	Chloroform	1.787	1.888	2.065	2.100	2.085	2.216	2.329	2.493	2.120	10.72
33)	S	1,2-Dichloroet...	1.648	1.673	1.653	1.640	1.649	1.649	1.646	1.633	1.649	0.71
34)	T	Tetrahydrofura...	0.700	0.655	0.743	0.745	0.722	0.743	0.775	0.856	0.742	7.85
35)	T	Ethyl tert-But...	1.085	1.217	1.352	1.379	1.386	1.518	1.653	1.866	1.432	17.15
36)	T	1,2-Dichloroet...	1.523	1.537	1.711	1.688	1.682	1.753	1.809	1.911	1.702	7.61
37)	IR	1,4-Difluorobenzen...	----------ISTD----------									
38)	T	1,1,1-Trichlor...	0.378	0.405	0.434	0.447	0.440	0.465	0.485	0.525	0.447	10.24
39)	T	Isopropyl Acetate			0.158	0.153	0.165	0.198	0.216	0.220	0.185	16.19
40)	T	1-Butanol			0.230	0.228	0.262	0.340	0.384	0.381	0.304	24.01
41)	T	Benzene	0.950	0.970	1.055	1.026	1.051	1.193	1.358	1.374	1.122	14.89
42)	T	Carbon Tetrach...	0.370	0.367	0.398	0.399	0.417	0.457	0.483	0.534	0.428	13.65
43)	T	Cyclohexane	0.369	0.370	0.407	0.402	0.416	0.485	0.539	0.545	0.442	16.20
44)	T	tert-Amyl Meth...	0.644	0.688	0.735	0.723	0.743	0.816	0.870	0.925	0.768	12.33
45)	T	1,2-Dichloropr...	0.207	0.208	0.247	0.239	0.240	0.251	0.259	0.280	0.241	10.12
46)	T	Bromodichlorom...	0.333	0.328	0.360	0.355	0.377	0.413	0.436	0.467	0.384	13.10
47)	T	Trichloroethene	0.254	0.268	0.301	0.302	0.307	0.344	0.381	0.437	0.324	18.64
48)	T	1,4-Dioxane	0.182	0.196	0.216	0.219	0.222	0.248	0.271	0.310	0.233	17.89
49)	T	2,2,4-Trimethy...	0.927	0.959	1.019	0.984	0.992	1.062	1.122	1.162	1.028	7.90
50)	T	Methyl Methacr...	0.086	0.090	0.106	0.107	0.110	0.133	0.149	0.165	0.118	23.58
51)	T	n-Heptane	0.233	0.226	0.253	0.252	0.256	0.284	0.309	0.343	0.269	14.87
52)	T	cis-1,3-Dichlo...	0.361	0.359	0.408	0.416	0.433	0.478	0.504	0.546	0.438	15.23
53)	T	4-Methyl-2-pen...	0.180	0.200	0.228	0.223	0.226	0.250	0.266	0.292	0.233	15.28
54)	T	trans-1,3-Dich...	0.318	0.316	0.367	0.369	0.396	0.439	0.459	0.493	0.395	16.39

55)	T	1,1,2-Trichlor...	0.225	0.233	0.258	0.257	0.257	0.276	0.290	0.319	0.264	11.57
56)	IR	Chlorobenzene-d5 (...	----------ISTD----------									
57)	S	Toluene-d8 (SS2)	2.585	2.578	2.527	2.574	2.560	2.500	2.481	2.415	2.528	2.35
58)	T	Toluene	2.408	2.285	2.559	2.534	2.503	2.671	2.842	2.863	2.583	7.77
59)	T	2-Hexanone	1.208	1.154	1.291	1.336	1.339	1.398	1.459	1.457	1.330	8.28
60)	T	Dibromochlorom...	0.647	0.627	0.689	0.705	0.752	0.814	0.870	0.954	0.757	15.11
61)	T	1,2-Dibromoethane	0.581	0.580	0.664	0.665	0.700	0.730	0.758	0.811	0.686	11.83
62)	T	n-Butyl Acetate	1.337	1.285	1.403	1.434	1.436	1.498	1.549	1.558	1.437	6.71
63)	T	n-Octane			0.450	0.448	0.464	0.512	0.561	0.601	0.506	12.58
64)	T	Tetrachloroethene	0.754	0.692	0.775	0.766	0.787	0.853	0.940	1.068	0.829	14.65
65)	T	Chlorobenzene	1.660	1.540	1.676	1.722	1.711	1.846	1.993	2.098	1.781	10.44
66)	T	Ethylbenzene	2.662	2.539	2.810	2.813	2.833	3.155	3.406	3.265	2.935	10.39
67)	T	m- & p-Xylenes	2.088	1.981	2.144	2.168	2.277	2.732	2.976	2.621	2.373	15.04
68)	T	Bromoform			0.548	0.566	0.643	0.771	0.862	0.964	0.726	23.14
69)	T	Styrene	1.553	1.449	1.576	1.642	1.782	2.061	2.254	2.299	1.827	18.24
70)	T	o-Xylene	2.056	1.972	2.143	2.197	2.287	2.689	2.997	2.856	2.400	16.28
71)	T	n-Nonane	0.956	0.991	1.058	1.068	1.109	1.244	1.335	1.253	1.127	12.05
72)	T	1,1,2,2-Tetrac...	0.914	0.906	0.987	1.011	1.062	1.232	1.351	1.356	1.102	16.81
73)	S	Bromofluoroben...	0.775	0.769	0.794	0.786	0.802	0.823	0.821	0.814	0.798	2.57
74)	T	Cumene	2.603	2.460	2.759	2.806	2.908	3.355	3.655	3.316	2.983	13.91
75)	T	alpha-Pinene	1.188	1.217	1.367	1.396	1.412	1.706	1.909	1.877	1.509	18.83
76)	T	n-Propylbenzene	3.161	3.024	3.263	3.313	3.466	4.005	4.218	3.685	3.517	11.95
77)	T	3-Ethyltoluene	2.453	2.331	2.621	2.639	2.807	3.550	3.787	3.570	2.970	19.29
78)	T	4-Ethyltoluene	2.618	2.432	2.692	2.721	2.930	3.363	3.755	3.173	2.960	14.92
79)	T	1,3,5-Trimethy...	2.250	2.018	2.273	2.314	2.446	2.962	3.288	3.011	2.570	17.64
80)	T	alpha-Methylst...	1.113	1.069	1.185	1.238	1.298	1.593	1.815	1.835	1.393	22.25
81)	T	2-Ethyltoluene	2.492	2.389	2.601	2.692	2.883	3.481	3.794	3.439	2.971	17.75
82)	T	1,2,4-Trimethy...			2.254	2.315	2.623	3.571	3.671	2.613	2.841	21.94
83)	T	n-Decane	0.973	0.949	1.030	1.054	1.159	1.409	1.563	1.468	1.201	20.25
84)	T	Benzyl Chloride			1.669	1.720	2.134	2.772	3.149	2.843	2.381	26.29
85)	T	1,3-Dichlorobe...	1.513	1.219	1.323	1.337	1.529	1.907	2.221	2.141	1.649	23.58
86)	T	1,4-Dichlorobe...	1.535	1.178	1.294	1.316	1.499	1.796	2.053	2.087	1.595	21.82
87)	T	sec-Butylbenzene	2.837	2.779	3.025	3.054	3.333	3.925	4.223	3.625	3.350	15.76
88)	T	4-Isopropyltol...			2.870	2.958	3.263	4.418	4.299	2.859	3.445	21.02
89)	T	1,2,3-Trimethy...			2.256	2.351	2.654	3.652	3.688	2.539	2.857	22.59
90)	T	1,2-Dichlorobe...	1.451	1.185	1.269	1.349	1.498	1.977	2.244	1.776	1.594	23.30
91)	T	d-Limonene	0.735	0.885	0.866	0.917	0.910	1.154	1.254	0.981	0.963	17.28
92)	T	1,2-Dibromo-3-...	0.505	0.417	0.462	0.475	0.527	0.611	0.689	0.785	0.559	22.56
93)	T	n-Undecane	0.979	0.967	1.041	1.049	1.124	1.370	1.528	1.422	1.185	18.63
94)	T	1,2,4-Trichlor...	1.490	0.805	0.868	0.869	0.989	1.206	1.440	1.582	1.156	27.22
95)	T	Naphthalene	5.482	2.594	2.708	2.676	3.198	4.370	4.763	3.588	3.672	29.60
96)	T	n-Dodecane	1.238	0.928	0.974	1.002	1.066	1.477	1.593	1.203	1.185	20.49
97)	T	Hexachlorobuta...	0.735	0.576	0.628	0.628	0.648	0.807	0.997	1.120	0.767	25.58
98)	T	Cyclohexanone	0.837	0.750	0.852	0.857	0.831	0.923	0.970	1.022	0.880	9.83
99)	T	tert-Butylbenzene			2.242	2.306	2.578	3.509	3.558	2.538	2.789	21.21
100)	T	n-Butylbenzene	2.398	2.347	2.410	2.445	2.623	3.090	3.340	2.918	2.696	13.88

(#) = Out of Range

R13062320.M Wed Jun 24 18:25:58 2020

Evaluate Continuing Calibration Report

Data File : I:\MS13\DATA\2020 07\15\07152026.D Vial: 1
Acq On : 15 Jul 2020 15:55 Operator: WA
Sample : CCV2 R13071520 25ng Inst : MS13
Misc : S34-06182001/S34-06252006 (7/24)

Quant Time: Jul 15 16:20:48 2020
Quant Method : I:\MS13\METHODS\R13062320.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Wed Jun 24 06:33:38 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

LH 7/15/20

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	70	0.02
2	T	Propene	1.258	1.251	0.6	76	0.00
3	T	Dichlorodifluoromethane (CF	2.652	2.465	7.1	66	0.03
4	T	Chloromethane	1.625	1.668	-2.6	70	-0.03
5	T	1,2-Dichloro-1,1,2,2-tetraf	1.828	1.418	22.4	54	-0.03
6	T	Vinyl Chloride	2.134	2.190	-2.6	73	-0.03
7	T	1,3-Butadiene	1.431	1.417	1.0	77	-0.03
8	T	Bromomethane	1.089	1.042	4.3	66	-0.02
9	T	Chloroethane	0.763	0.821	-7.6	75	-0.02
10	T	Ethanol	0.918	0.954	-3.9	71	0.04
11	T	Acetonitrile	1.907	2.029	-6.4	75	0.01
12	T	Acrolein	0.658	0.776	-17.9	79	-0.02
13	T	Acetone	0.910	1.094	-20.2	78	-0.02
14	T	Trichlorofluoromethane	2.302	2.209	4.0	66	-0.02
15	T	2-Propanol (Isopropanol)	2.813	3.302	-17.4	75	-0.03
16	T	Acrylonitrile	1.302	1.669	-28.2	81	0.02
17	T	1,1-Dichloroethene	1.145	1.140	0.4	69	-0.02
18	T	2-Methyl-2-Propanol (tert-B	2.876	3.512	-22.1	73	-0.05
19	T	Methylene Chloride	1.221	1.282	-5.0	74	0.03
20	T	3-Chloro-1-propene (Allyl C	1.691	1.817	-7.5	76	0.00
21	T	Trichlorotrifluoroethane	1.127	0.992	12.0	60	0.00
22	T	Carbon Disulfide	4.557	4.564	-0.2	77	0.00
23	T	trans-1,2-Dichloroethene	1.550	1.729	-11.5	75	0.02
24	T	1,1-Dichloroethane	1.913	2.153	-12.5	77	0.02
25	T	Methyl tert-Butyl Ether	3.508	3.815	-8.8	73	-0.06
26	T	Vinyl Acetate	0.358	0.415	-15.9	72	0.00
27	T	2-Butanone (MEK)	0.836	0.934	-11.7	78	-0.05
28	T	cis-1,2-Dichloroethene	1.549	1.758	-13.5	77	0.02
29	T	Diisopropyl Ether	1.198	1.317	-9.9	70	-0.02
30	T	Ethyl Acetate	0.465	0.579	-24.5	80	-0.02
31	T	n-Hexane	1.924	2.543	-32.2#	82	0.00
32	T	Chloroform	2.120	2.328	-9.8	73	0.02
33	S	1,2-Dichloroethane-d4(SS1)	1.649	1.833	-11.2	77	0.02
34	T	Tetrahydrofuran (THF)	0.742	0.830	-11.9	78	-0.06
35	T	Ethyl tert-Butyl Ether	1.432	1.550	-8.2	71	-0.02
36	T	1,2-Dichloroethane	1.702	1.793	-5.3	71	0.01
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	72	0.00
38	T	1,1,1-Trichloroethane	0.447	0.442	1.1	68	0.01
39	T	Isopropyl Acetate	0.185	0.216	-16.8	78	0.00
40	T	1-Butanol	0.304	0.365	-20.1	77	-0.03
41	T	Benzene	1.122	1.278	-13.9	77	0.01
42	T	Carbon Tetrachloride	0.428	0.414	3.3	65	0.00
43	T	Cyclohexane	0.442	0.496	-12.2	73	0.00
44	T	tert-Amyl Methyl Ether	0.768	0.857	-11.6	75	-0.02
45	T	1,2-Dichloropropane	0.241	0.285	-18.3	81	0.00
46	T	Bromodichloromethane	0.384	0.413	-7.6	72	0.00
47	T	Trichloroethene	0.324	0.299	7.7	63	0.00
48	T	1,4-Dioxane	0.233	0.237	-1.7	69	-0.03
49	T	2,2,4-Trimethylpentane (Iso	1.028	1.196	-16.3	81	0.00
50	T	Methyl Methacrylate	0.118	0.125	-5.9	68	0.00
51	T	n-Heptane	0.269	0.310	-15.2	78	0.00
52	T	cis-1,3-Dichloropropene	0.438	0.503	-14.8	75	0.00
53	T	4-Methyl-2-pentanone	0.233	0.268	-15.0	77	-0.02
54	T	trans-1,3-Dichloropropene	0.395	0.458	-15.9	75	0.00
55	T	1,1,2-Trichloroethane	0.264	0.276	-4.5	72	0.00

Evaluate Continuing Calibration Report

Data File : I:\MS13\DATA\2020 07\15\07152026.D Vial: 1
Acq On : 15 Jul 2020 15:55 Operator: WA
Sample : CCV2 R13071520 25ng Inst : MS13
Misc : S34-06182001/S34-06252006 (7/24)

Quant Time: Jul 15 16:20:48 2020
Quant Method : I:\MS13\METHODS\R13062320.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Wed Jun 24 06:33:38 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
56	IR	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	80	0.00
57	S	Toluene-d8 (SS2)	2.528	2.427	4.0	77	0.00
58	T	Toluene	2.583	2.495	3.4	75	0.00
59	T	2-Hexanone	1.330	1.287	3.2	73	-0.02
60	T	Dibromochloromethane	0.757	0.679	10.3	67	0.00
61	T	1,2-Dibromoethane	0.686	0.648	5.5	71	0.00
62	T	n-Butyl Acetate	1.437	1.383	3.8	74	0.00
63	T	n-Octane	0.506	0.528	-4.3	82	0.00
64	T	Tetrachloroethene	0.829	0.638	23.0	60	0.00
65	T	Chlorobenzene	1.781	1.600	10.2	69	0.00
66	T	Ethylbenzene	2.935	2.951	-0.5	75	0.00
67	T	m- & p-Xylenes	2.373	2.527	-6.5	74	0.00
68	T	Bromoform	0.726	0.587	19.1	61	0.00
69	T	Styrene	1.827	1.865	-2.1	72	0.00
70	T	o-Xylene	2.400	2.515	-4.8	75	0.00
71	T	n-Nonane	1.127	1.251	-11.0	80	0.00
72	T	1,1,2,2-Tetrachloroethane	1.102	1.233	-11.9	80	0.00
73	S	Bromofluorobenzene (SS3)	0.798	0.671	15.9	65	0.00
74	T	Cumene	2.983	3.039	-1.9	72	0.00
75	T	alpha-Pinene	1.509	1.480	1.9	69	0.00
76	T	n-Propylbenzene	3.517	3.835	-9.0	76	0.00
77	T	3-Ethyltoluene	2.970	3.245	-9.3	73	0.00
78	T	4-Ethyltoluene	2.960	3.079	-4.0	73	0.00
79	T	1,3,5-Trimethylbenzene	2.570	2.690	-4.7	72	0.00
80	T	alpha-Methylstyrene	1.393	1.391	0.1	70	0.00
81	T	2-Ethyltoluene	2.971	3.223	-8.5	74	0.00
82	T	1,2,4-Trimethylbenzene	2.841	3.419	-20.3	76	0.00
83	T	n-Decane	1.201	1.476	-22.9	84	0.00
84	T	Benzyl Chloride	2.381	2.600	-9.2	75	0.00
85	T	1,3-Dichlorobenzene	1.649	1.628	1.3	68	0.00
86	T	1,4-Dichlorobenzene	1.595	1.556	2.4	69	0.00
87	T	sec-Butylbenzene	3.350	3.689	-10.1	75	0.00
88	T	4-Isopropyltoluene (p-Cymen	3.445	4.215	-22.4	76	0.00
89	T	1,2,3-Trimethylbenzene	2.857	3.555	-24.4	78	0.00
90	T	1,2-Dichlorobenzene	1.594	1.693	-6.2	68	0.00
91	T	d-Limonene	0.963	1.099	-14.1	76	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.559	0.505	9.7	66	0.00
93	T	n-Undecane	1.185	1.466	-23.7	85	0.00
94	T	1,2,4-Trichlorobenzene	1.156	1.004	13.1	66	0.00
95	T	Naphthalene	3.672	4.350	-18.5	79	0.00
96	T	n-Dodecane	1.185	1.727	-45.7#	93	0.00
97	T	Hexachlorobutadiene	0.767	0.600	21.8	59	0.00
98	T	Cyclohexanone	0.880	0.794	9.8	69	0.00
99	T	tert-Butylbenzene	2.789	3.241	-16.2	74	0.00
100	T	n-Butylbenzene	2.696	3.083	-14.4	80	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

2655 Park Center Dr., Suite A
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www.alsglobal.com

LABORATORY REPORT

July 24, 2020

Eyal Shvartz
Dr. Katz Technologies & Enterprises (KTE)
HaMeginim Ave. 53
Haifa, ISR-HA 33265

RE: Tel Hashomer / KTE-74-20-Simi

Dear Eyal:

Enclosed are the results of the samples submitted to our laboratory on July 13, 2020. For your reference, these analyses have been assigned our service request number P2003858.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Sue Anderson at 3:49 pm, Jul 24, 2020

Sue Anderson
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request No: P2003858
Project: Tel Hashomer / KTE-74-20-Simi

CASE NARRATIVE

The samples were received intact under chain of custody on July 13, 2020 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The minimum criterion for Freon-114 was not met in the Continuing Calibration Verification (CCV) and in the Laboratory Control Sample (LCS). In accordance with ALS Environmental standard operating procedures, a Method Reporting Limit (MRL) check standard containing the analyte of concern was analyzed each day of analysis. Because the sensitivity was shown to be adequate to detect the compound in question and the compound was not detected in the field samples, the data quality has not been significantly affected. No further corrective action was necessary.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.1 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-007
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: Dr. Katz Technologies & Enterprises (KTE) Service Request: P2003858

Project ID: Tel Hashomer / KTE-74-20-Simi

Date Received: 7/13/2020

Time Received: 09:20

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	TO-15 - VOC Cans
SG-72	P2003858-001	Air	7/8/2020	11:55	1SS00828	-2.56	5.45	X
SG-92	P2003858-002	Air	7/8/2020	12:34	1SS00767	-3.17	5.54	X
A B	P2003858-003	Air	7/8/2020	12:18	1SS00171	-2.92	5.63	X
SG-60	P2003858-004	Air	7/8/2020	13:08	1SS00932	-2.45	5.29	X

Air - Chain of Custody Record & Analytical Service Request

Page ____ of ____

2656 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day Standard

ALS Project No. P2003858

Company Name & Address (Reporting Information): ATC	Project Name: Tel Hacienda	ALS Contact:	
	Project Number: KTE-74-20-Simi	Analysis Method	
Type of Monitor:	P.O. # / Billing Information:		Comments e.g. Actual Preservative or specific instruction:
Phone:	Fax:		
Email Address for Result Reporting:	Sampler (Print & Sign): Courtney Segal		

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # AL_Sr, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume			
SG-72	1	8/7/20	11:53	[illegible]	[illegible]	29.0	5.0	1L	✓		
SG-73	2	8/7/20	12:04	[illegible]	[illegible]	30	5	1L	✓		
A B	3	8/7/20	12:30	[illegible]	[illegible]	30	5	1L	✓		
SG 60	4	8/7/20	12:40	[illegible]	[illegible]	30	5	1L	✓		

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) ____

Tier II (Results + QC Summaries) ____ Tier IV (Data Validation Package) 10% Surcharge ____

EDD required Yes / No

Type: ____ Units: ____

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[illegible]	8/7/20				
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	7-15-20	0920

Cooler / blank Temperature: ____ °C

ALS Environmental

Sample Acceptance Check Form

Client: Dr. Katz Technologies & Enterprises (KTE) Work order: P2003858

Project: Tel Hashomer / KTE-74-20-Simi

Sample(s) received on: 7/13/20 Date opened: 7/13/20 by: ADAVID

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2003858-001.01	1.0 L Source Silonite Canister					
P2003858-002.01	1.0 L Source Silonite Canister					
P2003858-003.01	1.0 L Source Silonite Canister					
P2003858-004.01	1.0 L Source Silonite Canister					

Explain any discrepancies: (include lab sample ID numbers): _____

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-72** ALS Project ID: P2003858
Client Project ID: **Tel Hashomer / KTE-74-20-Simi** ALS Sample ID: P2003858-001

Test Code: EPA TO-15 Date Collected: 7/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 7/13/20
Analyst: Wida Ang Date Analyzed: 7/22/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.10 Liter(s)
Test Notes: 0.010 Liter(s)
Container ID: 1SS00828

Initial Pressure (psig): -2.56 Final Pressure (psig): 5.45

Canister Dilution Factor: 1.66

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<22	88	22	<13	51	13	**D**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.2**	8.8	1.4	**0.44**	1.8	0.29	**J**
74-87-3	Chloromethane	**1.6**	8.8	1.4	**0.78**	4.3	0.69	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<1.4	8.8	1.4	<0.20	1.3	0.20	**V**
75-01-4	Vinyl Chloride	<0.95	9.0	0.95	<0.37	3.5	0.37	
106-99-0	1,3-Butadiene	<1.5	8.8	1.5	<0.66	4.0	0.66	
74-83-9	Bromomethane	<1.2	9.0	1.2	<0.32	2.3	0.32	
75-00-3	Chloroethane	<1.1	9.0	1.1	<0.42	3.4	0.42	
64-17-5	Ethanol	**1,900**	86	6.1	**1,000**	46	3.3	
75-05-8	Acetonitrile	<2.2	8.8	2.2	<1.3	5.2	1.3	
67-64-1	Acetone	**470**	88	20	**200**	37	8.4	
75-69-4	Trichlorofluoromethane (CFC 11)	**2.4**	8.8	1.3	**0.42**	1.6	0.24	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**20,000**	350	37	**8,300**	140	15	**D**
107-13-1	Acrylonitrile	<1.8	8.8	1.8	<0.84	4.1	0.84	
75-35-4	1,1-Dichloroethene	<1.2	9.0	1.2	<0.31	2.3	0.31	
75-09-2	Methylene Chloride	**1,400**	8.8	2.5	**400**	2.5	0.72	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<1.2	9.0	1.2	<0.38	2.9	0.38	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<1.3	9.0	1.3	<0.16	1.2	0.16	
75-15-0	Carbon Disulfide	**2.8**	18	2.7	**0.91**	5.9	0.85	**J**
156-60-5	trans-1,2-Dichloroethene	<1.2	9.0	1.2	<0.31	2.3	0.31	
75-34-3	1,1-Dichloroethane	<1.3	9.1	1.3	<0.32	2.3	0.32	
1634-04-4	Methyl tert-Butyl Ether	<1.0	9.0	1.0	<0.29	2.5	0.29	
108-05-4	Vinyl Acetate	<20	90	20	<5.7	25	5.7	
78-93-3	2-Butanone (MEK)	**5.1**	18	1.8	**1.7**	6.2	0.62	**J**
156-59-2	cis-1,2-Dichloroethene	<1.2	8.8	1.2	<0.31	2.2	0.31	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.
D = The reported result is from a dilution.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-72** ALS Project ID: P2003858
Client Project ID: **Tel Hashomer / KTE-74-20-Simi** ALS Sample ID: P2003858-001

Test Code: EPA TO-15 Date Collected: 7/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 7/13/20
Analyst: Wida Ang Date Analyzed: 7/22/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.10 Liter(s)
Test Notes: 0.010 Liter(s)
Container ID: 1SS00828

Initial Pressure (psig): -2.56 Final Pressure (psig): 5.45

Canister Dilution Factor: 1.66

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
141-78-6	Ethyl Acetate	**440**	18	4.6	**120**	5.1	1.3	
110-54-3	n-Hexane	**4.4**	9.0	1.8	**1.2**	2.5	0.52	**J**
67-66-3	Chloroform	<1.2	9.0	1.2	<0.24	1.8	0.24	
109-99-9	Tetrahydrofuran (THF)	**14**	9.1	1.1	**4.7**	3.1	0.38	
107-06-2	1,2-Dichloroethane	<0.98	9.0	0.98	<0.24	2.2	0.24	
71-55-6	1,1,1-Trichloroethane	<1.1	9.0	1.1	<0.20	1.6	0.20	
71-43-2	Benzene	**1.6**	8.8	1.3	**0.51**	2.8	0.40	**J**
56-23-5	Carbon Tetrachloride	<1.2	8.8	1.2	<0.20	1.4	0.20	
110-82-7	Cyclohexane	<2.5	18	2.5	<0.72	5.3	0.72	
78-87-5	1,2-Dichloropropane	<1.1	9.0	1.1	<0.24	1.9	0.24	
75-27-4	Bromodichloromethane	<1.3	9.0	1.3	<0.19	1.3	0.19	
79-01-6	Trichloroethene	**1.3**	9.0	1.2	**0.25**	1.7	0.22	**J**
123-91-1	1,4-Dioxane	<1.0	9.0	1.0	<0.29	2.5	0.29	
80-62-6	Methyl Methacrylate	<3.2	18	3.2	<0.77	4.5	0.77	
142-82-5	n-Heptane	<1.4	9.0	1.4	<0.34	2.2	0.34	
10061-01-5	cis-1,3-Dichloropropene	<1.4	8.6	1.4	<0.30	1.9	0.30	
108-10-1	4-Methyl-2-pentanone	**5.0**	8.8	1.2	**1.2**	2.1	0.30	**J**
10061-02-6	trans-1,3-Dichloropropene	<1.8	8.8	1.8	<0.40	1.9	0.40	
79-00-5	1,1,2-Trichloroethane	<0.90	9.0	0.90	<0.16	1.6	0.16	
108-88-3	Toluene	**130**	9.0	1.1	**34**	2.4	0.29	
591-78-6	2-Hexanone	**1.4**	9.0	1.1	**0.34**	2.2	0.27	**J**
124-48-1	Dibromochloromethane	<1.2	9.0	1.2	<0.14	1.1	0.14	
106-93-4	1,2-Dibromoethane	<1.0	9.0	1.0	<0.13	1.2	0.13	
123-86-4	n-Butyl Acetate	**63**	9.1	1.2	**13**	1.9	0.26	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-72** ALS Project ID: P2003858
Client Project ID: **Tel Hashomer / KTE-74-20-Simi** ALS Sample ID: P2003858-001

Test Code: EPA TO-15 Date Collected: 7/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 7/13/20
Analyst: Wida Ang Date Analyzed: 7/22/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.10 Liter(s)
Test Notes: 0.010 Liter(s)
Container ID: 1SS00828

Initial Pressure (psig): -2.56 Final Pressure (psig): 5.45

Canister Dilution Factor: 1.66

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**2.6**	9.0	2.0	**0.55**	1.9	0.43	**J**
127-18-4	Tetrachloroethene	<1.1	8.6	1.1	<0.17	1.3	0.17	
108-90-7	Chlorobenzene	<1.2	9.0	1.2	<0.26	1.9	0.26	
100-41-4	Ethylbenzene	**2.0**	9.0	1.2	**0.47**	2.1	0.29	**J**
179601-23-1	m,p-Xylenes	**4.9**	18	2.3	**1.1**	4.2	0.54	**J**
75-25-2	Bromoform	<1.8	9.0	1.8	<0.18	0.87	0.18	
100-42-5	Styrene	**2.2**	8.8	1.4	**0.51**	2.1	0.34	**J**
95-47-6	o-Xylene	**1.7**	9.0	1.3	**0.40**	2.1	0.29	**J**
111-84-2	n-Nonane	<1.5	9.0	1.5	<0.28	1.7	0.28	
79-34-5	1,1,2,2-Tetrachloroethane	<1.2	9.0	1.2	<0.18	1.3	0.18	
98-82-8	Cumene	**1.8**	9.0	1.3	**0.37**	1.8	0.26	**J**
80-56-8	alpha-Pinene	**16**	9.0	1.4	**2.9**	1.6	0.24	
103-65-1	n-Propylbenzene	<1.3	9.0	1.3	<0.26	1.8	0.26	
622-96-8	4-Ethyltoluene	<1.4	9.0	1.4	<0.29	1.8	0.29	
108-67-8	1,3,5-Trimethylbenzene	<1.3	8.8	1.3	<0.26	1.8	0.26	
95-63-6	1,2,4-Trimethylbenzene	<1.2	9.0	1.2	<0.25	1.8	0.25	
100-44-7	Benzyl Chloride	<2.0	18	2.0	<0.38	3.5	0.38	
541-73-1	1,3-Dichlorobenzene	<1.3	9.0	1.3	<0.22	1.5	0.22	
106-46-7	1,4-Dichlorobenzene	<1.4	9.0	1.4	<0.23	1.5	0.23	
95-50-1	1,2-Dichlorobenzene	<1.3	9.0	1.3	<0.22	1.5	0.22	
5989-27-5	d-Limonene	**5.3**	9.0	1.8	**0.95**	1.6	0.33	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<1.7	8.8	1.7	<0.17	0.91	0.17	
120-82-1	1,2,4-Trichlorobenzene	<2.2	9.0	2.2	<0.29	1.2	0.29	
91-20-3	Naphthalene	<2.2	8.6	2.2	<0.41	1.6	0.41	
87-68-3	Hexachlorobutadiene	<1.8	8.8	1.8	<0.17	0.83	0.17	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-92** ALS Project ID: P2003858
Client Project ID: **Tel Hashomer / KTE-74-20-Simi** ALS Sample ID: P2003858-002

Test Code: EPA TO-15 Date Collected: 7/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 7/13/20
Analyst: Wida Ang Date Analyzed: 7/22/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.30 Liter(s)
Test Notes: 0.050 Liter(s)
Container ID: 1SS00767

Initial Pressure (psig): -3.17 Final Pressure (psig): 5.54

Canister Dilution Factor: 1.76

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<4.6	19	4.6	<2.7	11	2.7	**D**
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.6**	3.1	0.51	**0.52**	0.63	0.10	**J**
74-87-3	Chloromethane	<0.50	3.1	0.50	<0.24	1.5	0.24	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.49	3.1	0.49	<0.071	0.45	0.071	**V**
75-01-4	Vinyl Chloride	<0.33	3.2	0.33	<0.13	1.2	0.13	
106-99-0	1,3-Butadiene	<0.52	3.1	0.52	<0.23	1.4	0.23	
74-83-9	Bromomethane	<0.43	3.2	0.43	<0.11	0.82	0.11	
75-00-3	Chloroethane	<0.39	3.2	0.39	<0.15	1.2	0.15	
64-17-5	Ethanol	**270**	31	2.2	**140**	16	1.2	
75-05-8	Acetonitrile	**0.90**	3.1	0.76	**0.53**	1.9	0.45	**J**
67-64-1	Acetone	**170**	31	7.0	**72**	13	3.0	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.8**	3.1	0.48	**0.33**	0.55	0.085	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**2,300**	74	7.7	**920**	30	3.2	**D**
107-13-1	Acrylonitrile	<0.65	3.1	0.65	<0.30	1.4	0.30	
75-35-4	1,1-Dichloroethene	<0.43	3.2	0.43	<0.11	0.80	0.11	
75-09-2	Methylene Chloride	**13**	3.1	0.88	**3.9**	0.90	0.25	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.42	3.2	0.42	<0.14	1.0	0.14	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.45**	3.2	0.45	**0.058**	0.41	0.058	**J**
75-15-0	Carbon Disulfide	<0.94	6.5	0.94	<0.30	2.1	0.30	
156-60-5	trans-1,2-Dichloroethene	<0.43	3.2	0.43	<0.11	0.80	0.11	
75-34-3	1,1-Dichloroethane	<0.46	3.2	0.46	<0.11	0.80	0.11	
1634-04-4	Methyl tert-Butyl Ether	<0.37	3.2	0.37	<0.10	0.88	0.10	
108-05-4	Vinyl Acetate	<7.0	32	7.0	<2.0	9.0	2.0	
78-93-3	2-Butanone (MEK)	**10**	6.5	0.65	**3.4**	2.2	0.22	
156-59-2	cis-1,2-Dichloroethene	<0.44	3.1	0.44	<0.11	0.78	0.11	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.
D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-92** ALS Project ID: P2003858
Client Project ID: **Tel Hashomer / KTE-74-20-Simi** ALS Sample ID: P2003858-002

Test Code: EPA TO-15 Date Collected: 7/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 7/13/20
Analyst: Wida Ang Date Analyzed: 7/22/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.30 Liter(s)
Test Notes: 0.050 Liter(s)
Container ID: 1SS00767

Initial Pressure (psig): -3.17 Final Pressure (psig): 5.54

Canister Dilution Factor: 1.76

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
141-78-6	Ethyl Acetate	**40**	6.5	1.6	**11**	1.8	0.46	
110-54-3	n-Hexane	<0.65	3.2	0.65	<0.18	0.90	0.18	
67-66-3	Chloroform	**1.3**	3.2	0.42	**0.28**	0.65	0.085	**J**
109-99-9	Tetrahydrofuran (THF)	**10**	3.2	0.39	**3.5**	1.1	0.13	
107-06-2	1,2-Dichloroethane	<0.35	3.2	0.35	<0.086	0.78	0.086	
71-55-6	1,1,1-Trichloroethane	<0.39	3.2	0.39	<0.071	0.58	0.071	
71-43-2	Benzene	**1.0**	3.1	0.45	**0.32**	0.97	0.14	**J**
56-23-5	Carbon Tetrachloride	<0.43	3.1	0.43	<0.069	0.49	0.069	
110-82-7	Cyclohexane	<0.88	6.5	0.88	<0.26	1.9	0.26	
78-87-5	1,2-Dichloropropane	<0.39	3.2	0.39	<0.084	0.69	0.084	
75-27-4	Bromodichloromethane	<0.45	3.2	0.45	<0.067	0.47	0.067	
79-01-6	Trichloroethene	<0.42	3.2	0.42	<0.079	0.59	0.079	
123-91-1	1,4-Dioxane	<0.37	3.2	0.37	<0.10	0.88	0.10	
80-62-6	Methyl Methacrylate	<1.1	6.5	1.1	<0.27	1.6	0.27	
142-82-5	n-Heptane	<0.50	3.2	0.50	<0.12	0.77	0.12	
10061-01-5	cis-1,3-Dichloropropene	<0.49	3.1	0.49	<0.11	0.67	0.11	
108-10-1	4-Methyl-2-pentanone	**0.86**	3.1	0.43	**0.21**	0.76	0.10	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.65	3.1	0.65	<0.14	0.69	0.14	
79-00-5	1,1,2-Trichloroethane	<0.32	3.2	0.32	<0.058	0.58	0.058	
108-88-3	Toluene	**1.6**	3.2	0.38	**0.43**	0.84	0.10	**J**
591-78-6	2-Hexanone	**0.86**	3.2	0.39	**0.21**	0.77	0.095	**J**
124-48-1	Dibromochloromethane	<0.41	3.2	0.41	<0.048	0.37	0.048	
106-93-4	1,2-Dibromoethane	<0.36	3.2	0.36	<0.047	0.41	0.047	
123-86-4	n-Butyl Acetate	**56**	3.2	0.43	**12**	0.68	0.090	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-92** ALS Project ID: P2003858
Client Project ID: **Tel Hashomer / KTE-74-20-Simi** ALS Sample ID: P2003858-002

Test Code: EPA TO-15 Date Collected: 7/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 7/13/20
Analyst: Wida Ang Date Analyzed: 7/22/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.30 Liter(s)
Test Notes: 0.050 Liter(s)
Container ID: 1SS00767

Initial Pressure (psig): -3.17 Final Pressure (psig): 5.54

Canister Dilution Factor: 1.76

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.70	3.2	0.70	<0.15	0.68	0.15	
127-18-4	Tetrachloroethene	**2.7**	3.1	0.40	**0.40**	0.45	0.060	**J**
108-90-7	Chlorobenzene	<0.42	3.2	0.42	<0.090	0.69	0.090	
100-41-4	Ethylbenzene	<0.44	3.2	0.44	<0.10	0.73	0.10	
179601-23-1	m,p-Xylenes	**0.83**	6.5	0.82	**0.19**	1.5	0.19	**J**
75-25-2	Bromoform	<0.65	3.2	0.65	<0.062	0.31	0.062	
100-42-5	Styrene	<0.50	3.1	0.50	<0.12	0.73	0.12	
95-47-6	o-Xylene	<0.45	3.2	0.45	<0.10	0.73	0.10	
111-84-2	n-Nonane	<0.52	3.2	0.52	<0.10	0.60	0.10	
79-34-5	1,1,2,2-Tetrachloroethane	<0.43	3.2	0.43	<0.063	0.46	0.063	
98-82-8	Cumene	**2.9**	3.2	0.45	**0.58**	0.64	0.092	**J**
80-56-8	alpha-Pinene	**0.59**	3.2	0.48	**0.11**	0.57	0.086	**J**
103-65-1	n-Propylbenzene	<0.45	3.2	0.45	<0.092	0.64	0.092	
622-96-8	4-Ethyltoluene	<0.50	3.2	0.50	<0.10	0.64	0.10	
108-67-8	1,3,5-Trimethylbenzene	<0.45	3.1	0.45	<0.092	0.63	0.092	
95-63-6	1,2,4-Trimethylbenzene	**0.67**	3.2	0.43	**0.14**	0.64	0.088	**J**
100-44-7	Benzyl Chloride	**1.7**	6.5	0.70	**0.32**	1.2	0.14	**J**
541-73-1	1,3-Dichlorobenzene	<0.47	3.2	0.47	<0.078	0.53	0.078	
106-46-7	1,4-Dichlorobenzene	<0.48	3.2	0.48	<0.080	0.53	0.080	
95-50-1	1,2-Dichlorobenzene	<0.46	3.2	0.46	<0.077	0.53	0.077	
5989-27-5	d-Limonene	**1.9**	3.2	0.65	**0.34**	0.57	0.12	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.59	3.1	0.59	<0.061	0.32	0.061	
120-82-1	1,2,4-Trichlorobenzene	<0.76	3.2	0.76	<0.10	0.43	0.10	
91-20-3	Naphthalene	<0.76	3.1	0.76	<0.15	0.58	0.15	
87-68-3	Hexachlorobutadiene	<0.65	3.1	0.65	<0.061	0.29	0.061	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **A B** ALS Project ID: P2003858
Client Project ID: **Tel Hashomer / KTE-74-20-Simi** ALS Sample ID: P2003858-003

Test Code: EPA TO-15 Date Collected: 7/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 7/13/20
Analyst: Wida Ang Date Analyzed: 7/22/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00171

Initial Pressure (psig): -2.92 Final Pressure (psig): 5.63

Canister Dilution Factor: 1.73

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**170**	2.3	0.56	**96**	1.3	0.33	
75-71-8	Dichlorodifluoromethane (CFC 12)	**1.9**	2.3	0.38	**0.39**	0.46	0.076	**J**
74-87-3	Chloromethane	**0.59**	2.3	0.37	**0.29**	1.1	0.18	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.36	2.3	0.36	<0.052	0.33	0.052	**V**
75-01-4	Vinyl Chloride	<0.25	2.3	0.25	<0.096	0.91	0.096	
106-99-0	1,3-Butadiene	<0.38	2.3	0.38	<0.17	1.0	0.17	
74-83-9	Bromomethane	<0.32	2.3	0.32	<0.082	0.60	0.082	
75-00-3	Chloroethane	<0.29	2.3	0.29	<0.11	0.89	0.11	
64-17-5	Ethanol	**37**	22	1.6	**20**	12	0.85	
75-05-8	Acetonitrile	<0.56	2.3	0.56	<0.34	1.4	0.34	
67-64-1	Acetone	**26**	23	5.2	**11**	9.7	2.2	
75-69-4	Trichlorofluoromethane (CFC 11)	**0.99**	2.3	0.35	**0.18**	0.41	0.062	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**750**	9.1	0.95	**310**	3.7	0.39	
107-13-1	Acrylonitrile	<0.48	2.3	0.48	<0.22	1.1	0.22	
75-35-4	1,1-Dichloroethene	<0.32	2.3	0.32	<0.081	0.59	0.081	
75-09-2	Methylene Chloride	**6.7**	2.3	0.65	**1.9**	0.66	0.19	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.31	2.3	0.31	<0.10	0.75	0.10	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.45**	2.3	0.33	**0.058**	0.30	0.043	**J**
75-15-0	Carbon Disulfide	**1.7**	4.8	0.69	**0.53**	1.5	0.22	**J**
156-60-5	trans-1,2-Dichloroethene	<0.32	2.3	0.32	<0.081	0.59	0.081	
75-34-3	1,1-Dichloroethane	<0.34	2.4	0.34	<0.083	0.59	0.083	
1634-04-4	Methyl tert-Butyl Ether	<0.27	2.3	0.27	<0.076	0.65	0.076	
108-05-4	Vinyl Acetate	<5.2	23	5.2	<1.5	6.6	1.5	
78-93-3	2-Butanone (MEK)	**0.86**	4.8	0.48	**0.29**	1.6	0.16	**J**
156-59-2	cis-1,2-Dichloroethene	<0.32	2.3	0.32	<0.082	0.58	0.082	

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MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **A B** ALS Project ID: P2003858
Client Project ID: **Tel Hashomer / KTE-74-20-Simi** ALS Sample ID: P2003858-003

Test Code: EPA TO-15 Date Collected: 7/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 7/13/20
Analyst: Wida Ang Date Analyzed: 7/22/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00171

Initial Pressure (psig): -2.92 Final Pressure (psig): 5.63

Canister Dilution Factor: 1.73

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
141-78-6	Ethyl Acetate	**2.7**	4.8	1.2	**0.75**	1.3	0.34	**J**
110-54-3	n-Hexane	<0.48	2.3	0.48	<0.14	0.66	0.14	
67-66-3	Chloroform	<0.31	2.3	0.31	<0.063	0.48	0.063	
109-99-9	Tetrahydrofuran (THF)	<0.29	2.4	0.29	<0.098	0.81	0.098	
107-06-2	1,2-Dichloroethane	<0.26	2.3	0.26	<0.063	0.58	0.063	
71-55-6	1,1,1-Trichloroethane	<0.29	2.3	0.29	<0.052	0.43	0.052	
71-43-2	Benzene	<0.33	2.3	0.33	<0.10	0.72	0.10	
56-23-5	Carbon Tetrachloride	**0.35**	2.3	0.32	**0.056**	0.36	0.051	**J**
110-82-7	Cyclohexane	<0.65	4.8	0.65	<0.19	1.4	0.19	
78-87-5	1,2-Dichloropropane	<0.29	2.3	0.29	<0.062	0.51	0.062	
75-27-4	Bromodichloromethane	<0.33	2.3	0.33	<0.050	0.35	0.050	
79-01-6	Trichloroethene	**0.57**	2.3	0.31	**0.11**	0.43	0.058	**J**
123-91-1	1,4-Dioxane	**4.4**	2.3	0.27	**1.2**	0.65	0.076	
80-62-6	Methyl Methacrylate	<0.82	4.8	0.82	<0.20	1.2	0.20	
142-82-5	n-Heptane	<0.37	2.3	0.37	<0.090	0.57	0.090	
10061-01-5	cis-1,3-Dichloropropene	<0.36	2.2	0.36	<0.079	0.50	0.079	
108-10-1	4-Methyl-2-pentanone	**0.71**	2.3	0.32	**0.17**	0.56	0.077	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.48	2.3	0.48	<0.10	0.51	0.10	
79-00-5	1,1,2-Trichloroethane	<0.23	2.3	0.23	<0.043	0.43	0.043	
108-88-3	Toluene	**1.4**	2.3	0.28	**0.36**	0.62	0.075	**J**
591-78-6	2-Hexanone	<0.29	2.3	0.29	<0.070	0.57	0.070	
124-48-1	Dibromochloromethane	<0.30	2.3	0.30	<0.036	0.27	0.036	
106-93-4	1,2-Dibromoethane	<0.27	2.3	0.27	<0.035	0.30	0.035	
123-86-4	n-Butyl Acetate	**0.45**	2.4	0.32	**0.094**	0.50	0.066	**J**

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **A B** ALS Project ID: P2003858
Client Project ID: **Tel Hashomer / KTE-74-20-Simi** ALS Sample ID: P2003858-003

Test Code: EPA TO-15 Date Collected: 7/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 7/13/20
Analyst: Wida Ang Date Analyzed: 7/22/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes:
Container ID: 1SS00171

Initial Pressure (psig): -2.92 Final Pressure (psig): 5.63

Canister Dilution Factor: 1.73

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**3.4**	2.3	0.52	**0.73**	0.50	0.11	
127-18-4	Tetrachloroethene	<0.30	2.2	0.30	<0.044	0.33	0.044	
108-90-7	Chlorobenzene	<0.31	2.3	0.31	<0.067	0.51	0.067	
100-41-4	Ethylbenzene	**0.35**	2.3	0.32	**0.082**	0.54	0.075	**J**
179601-23-1	m,p-Xylenes	**1.0**	4.8	0.61	**0.24**	1.1	0.14	**J**
75-25-2	Bromoform	<0.48	2.3	0.48	<0.046	0.23	0.046	
100-42-5	Styrene	<0.37	2.3	0.37	<0.087	0.54	0.087	
95-47-6	o-Xylene	**0.44**	2.3	0.33	**0.10**	0.54	0.077	**J**
111-84-2	n-Nonane	<0.38	2.3	0.38	<0.073	0.45	0.073	
79-34-5	1,1,2,2-Tetrachloroethane	<0.32	2.3	0.32	<0.047	0.34	0.047	
98-82-8	Cumene	<0.33	2.3	0.33	<0.068	0.48	0.068	
80-56-8	alpha-Pinene	**0.88**	2.3	0.35	**0.16**	0.42	0.064	**J**
103-65-1	n-Propylbenzene	<0.33	2.3	0.33	<0.068	0.48	0.068	
622-96-8	4-Ethyltoluene	<0.37	2.3	0.37	<0.075	0.48	0.075	
108-67-8	1,3,5-Trimethylbenzene	<0.33	2.3	0.33	<0.068	0.47	0.068	
95-63-6	1,2,4-Trimethylbenzene	<0.32	2.3	0.32	<0.065	0.48	0.065	
100-44-7	Benzyl Chloride	<0.52	4.8	0.52	<0.10	0.92	0.10	
541-73-1	1,3-Dichlorobenzene	<0.35	2.3	0.35	<0.058	0.39	0.058	
106-46-7	1,4-Dichlorobenzene	<0.35	2.3	0.35	<0.059	0.39	0.059	
95-50-1	1,2-Dichlorobenzene	<0.34	2.3	0.34	<0.057	0.39	0.057	
5989-27-5	d-Limonene	**1.1**	2.3	0.48	**0.19**	0.42	0.085	**J**
96-12-8	1,2-Dibromo-3-chloropropane	<0.43	2.3	0.43	<0.045	0.24	0.045	
120-82-1	1,2,4-Trichlorobenzene	<0.56	2.3	0.56	<0.076	0.31	0.076	
91-20-3	Naphthalene	<0.56	2.2	0.56	<0.11	0.43	0.11	
87-68-3	Hexachlorobutadiene	<0.48	2.3	0.48	<0.045	0.21	0.045	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-60** ALS Project ID: P2003858
Client Project ID: **Tel Hashomer / KTE-74-20-Simi** ALS Sample ID: P2003858-004

Test Code: EPA TO-15 Date Collected: 7/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 7/13/20
Analyst: Wida Ang Date Analyzed: 7/22/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00932

Initial Pressure (psig): -2.45 Final Pressure (psig): 5.29

Canister Dilution Factor: 1.63

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	**270**	2.2	0.53	**160**	1.3	0.31	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.0**	2.2	0.35	**0.40**	0.44	0.072	**J**
74-87-3	Chloromethane	**0.82**	2.2	0.35	**0.40**	1.0	0.17	**J**
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.34	2.2	0.34	<0.049	0.31	0.049	**V**
75-01-4	Vinyl Chloride	<0.23	2.2	0.23	<0.091	0.86	0.091	
106-99-0	1,3-Butadiene	<0.36	2.2	0.36	<0.16	0.98	0.16	
74-83-9	Bromomethane	<0.30	2.2	0.30	<0.078	0.57	0.078	
75-00-3	Chloroethane	<0.27	2.2	0.27	<0.10	0.83	0.10	
64-17-5	Ethanol	**580**	21	1.5	**310**	11	0.80	
75-05-8	Acetonitrile	**0.56**	2.2	0.53	**0.33**	1.3	0.32	**J**
67-64-1	Acetone	**75**	22	4.9	**31**	9.1	2.1	
75-69-4	Trichlorofluoromethane (CFC 11)	**1.1**	2.2	0.33	**0.20**	0.38	0.059	**J**
67-63-0	2-Propanol (Isopropyl Alcohol)	**1,700**	86	9.0	**670**	35	3.6	**D**
107-13-1	Acrylonitrile	<0.45	2.2	0.45	<0.21	1.0	0.21	
75-35-4	1,1-Dichloroethene	<0.30	2.2	0.30	<0.076	0.56	0.076	
75-09-2	Methylene Chloride	**45**	2.2	0.61	**13**	0.62	0.18	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.29	2.2	0.29	<0.094	0.70	0.094	
76-13-1	Trichlorotrifluoroethane (CFC 113)	**0.44**	2.2	0.31	**0.057**	0.29	0.040	**J**
75-15-0	Carbon Disulfide	<0.65	4.5	0.65	<0.21	1.4	0.21	
156-60-5	trans-1,2-Dichloroethene	**0.37**	2.2	0.30	**0.093**	0.56	0.076	**J**
75-34-3	1,1-Dichloroethane	<0.32	2.2	0.32	<0.079	0.55	0.079	
1634-04-4	Methyl tert-Butyl Ether	<0.26	2.2	0.26	<0.071	0.61	0.071	
108-05-4	Vinyl Acetate	**5.7**	22	4.9	**1.6**	6.3	1.4	**J**
78-93-3	2-Butanone (MEK)	**13**	4.5	0.45	**4.4**	1.5	0.15	
156-59-2	cis-1,2-Dichloroethene	<0.31	2.2	0.31	<0.077	0.54	0.077	

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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.
D = The reported result is from a dilution.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-60** ALS Project ID: P2003858
Client Project ID: **Tel Hashomer / KTE-74-20-Simi** ALS Sample ID: P2003858-004

Test Code: EPA TO-15 Date Collected: 7/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 7/13/20
Analyst: Wida Ang Date Analyzed: 7/22/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00932

Initial Pressure (psig): -2.45 Final Pressure (psig): 5.29

Canister Dilution Factor: 1.63

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
141-78-6	Ethyl Acetate	**100**	4.5	1.1	**28**	1.2	0.32	
110-54-3	n-Hexane	**1.7**	2.2	0.45	**0.48**	0.62	0.13	**J**
67-66-3	Chloroform	**0.30**	2.2	0.29	**0.062**	0.45	0.059	**J**
109-99-9	Tetrahydrofuran (THF)	**32**	2.2	0.27	**11**	0.76	0.093	
107-06-2	1,2-Dichloroethane	<0.24	2.2	0.24	<0.059	0.54	0.059	
71-55-6	1,1,1-Trichloroethane	<0.27	2.2	0.27	<0.049	0.40	0.049	
71-43-2	Benzene	**1.3**	2.2	0.31	**0.42**	0.68	0.098	**J**
56-23-5	Carbon Tetrachloride	**0.32**	2.2	0.30	**0.051**	0.34	0.048	**J**
110-82-7	Cyclohexane	<0.61	4.5	0.61	<0.18	1.3	0.18	
78-87-5	1,2-Dichloropropane	<0.27	2.2	0.27	<0.058	0.48	0.058	
75-27-4	Bromodichloromethane	<0.31	2.2	0.31	<0.047	0.33	0.047	
79-01-6	Trichloroethene	<0.29	2.2	0.29	<0.055	0.41	0.055	
123-91-1	1,4-Dioxane	<0.26	2.2	0.26	<0.071	0.61	0.071	
80-62-6	Methyl Methacrylate	<0.77	4.5	0.77	<0.19	1.1	0.19	
142-82-5	n-Heptane	**2.1**	2.2	0.35	**0.52**	0.54	0.085	**J**
10061-01-5	cis-1,3-Dichloropropene	<0.34	2.1	0.34	<0.075	0.47	0.075	
108-10-1	4-Methyl-2-pentanone	**0.82**	2.2	0.30	**0.20**	0.53	0.073	**J**
10061-02-6	trans-1,3-Dichloropropene	<0.45	2.2	0.45	<0.099	0.48	0.099	
79-00-5	1,1,2-Trichloroethane	<0.22	2.2	0.22	<0.040	0.40	0.040	
108-88-3	Toluene	**16**	2.2	0.26	**4.2**	0.58	0.070	
591-78-6	2-Hexanone	**2.4**	2.2	0.27	**0.59**	0.54	0.066	
124-48-1	Dibromochloromethane	<0.29	2.2	0.29	<0.033	0.26	0.033	
106-93-4	1,2-Dibromoethane	<0.25	2.2	0.25	<0.033	0.29	0.033	
123-86-4	n-Butyl Acetate	**29**	2.2	0.30	**6.2**	0.47	0.063	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
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J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **SG-60** ALS Project ID: P2003858
Client Project ID: **Tel Hashomer / KTE-74-20-Simi** ALS Sample ID: P2003858-004

Test Code: EPA TO-15 Date Collected: 7/8/20
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: 7/13/20
Analyst: Wida Ang Date Analyzed: 7/22/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.40 Liter(s)
Test Notes: 0.040 Liter(s)
Container ID: 1SS00932

Initial Pressure (psig): -2.45 Final Pressure (psig): 5.29

Canister Dilution Factor: 1.63

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	**1.5**	2.2	0.49	**0.31**	0.47	0.10	**J**
127-18-4	Tetrachloroethene	**0.48**	2.1	0.28	**0.072**	0.31	0.041	**J**
108-90-7	Chlorobenzene	<0.29	2.2	0.29	<0.063	0.48	0.063	
100-41-4	Ethylbenzene	**0.42**	2.2	0.31	**0.097**	0.51	0.070	**J**
179601-23-1	m,p-Xylenes	**1.2**	4.5	0.57	**0.28**	1.0	0.13	**J**
75-25-2	Bromoform	<0.45	2.2	0.45	<0.043	0.21	0.043	
100-42-5	Styrene	<0.35	2.2	0.35	<0.082	0.51	0.082	
95-47-6	o-Xylene	**0.45**	2.2	0.31	**0.10**	0.51	0.072	**J**
111-84-2	n-Nonane	**0.60**	2.2	0.36	**0.11**	0.42	0.069	**J**
79-34-5	1,1,2,2-Tetrachloroethane	<0.30	2.2	0.30	<0.044	0.32	0.044	
98-82-8	Cumene	**1.2**	2.2	0.31	**0.25**	0.45	0.064	**J**
80-56-8	alpha-Pinene	**2.5**	2.2	0.33	**0.46**	0.40	0.060	
103-65-1	n-Propylbenzene	<0.31	2.2	0.31	<0.064	0.45	0.064	
622-96-8	4-Ethyltoluene	<0.35	2.2	0.35	<0.070	0.45	0.070	
108-67-8	1,3,5-Trimethylbenzene	<0.31	2.2	0.31	<0.064	0.44	0.064	
95-63-6	1,2,4-Trimethylbenzene	**0.37**	2.2	0.30	**0.076**	0.45	0.061	**J**
100-44-7	Benzyl Chloride	<0.49	4.5	0.49	<0.094	0.87	0.094	
541-73-1	1,3-Dichlorobenzene	<0.33	2.2	0.33	<0.054	0.37	0.054	
106-46-7	1,4-Dichlorobenzene	<0.33	2.2	0.33	<0.056	0.37	0.056	
95-50-1	1,2-Dichlorobenzene	<0.32	2.2	0.32	<0.054	0.37	0.054	
5989-27-5	d-Limonene	**4.4**	2.2	0.45	**0.79**	0.40	0.080	
96-12-8	1,2-Dibromo-3-chloropropane	<0.41	2.2	0.41	<0.042	0.22	0.042	
120-82-1	1,2,4-Trichlorobenzene	<0.53	2.2	0.53	<0.071	0.30	0.071	
91-20-3	Naphthalene	<0.53	2.1	0.53	<0.10	0.40	0.10	
87-68-3	Hexachlorobutadiene	<0.45	2.2	0.45	<0.042	0.20	0.042	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Method Blank** ALS Project ID: P2003858
Client Project ID: **Tel Hashomer / KTE-74-20-Simi** ALS Sample ID: P200721-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 7/21/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
115-07-1	Propene	<0.13	0.53	0.13	<0.076	0.31	0.076	
75-71-8	Dichlorodifluoromethane (CFC 12)	<0.087	0.53	0.087	<0.018	0.11	0.018	
74-87-3	Chloromethane	<0.086	0.53	0.086	<0.042	0.26	0.042	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	<0.084	0.53	0.084	<0.012	0.076	0.012	V
75-01-4	Vinyl Chloride	<0.057	0.54	0.057	<0.022	0.21	0.022	
106-99-0	1,3-Butadiene	<0.088	0.53	0.088	<0.040	0.24	0.040	
74-83-9	Bromomethane	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-00-3	Chloroethane	<0.066	0.54	0.066	<0.025	0.20	0.025	
64-17-5	Ethanol	<0.37	5.2	0.37	<0.20	2.8	0.20	
75-05-8	Acetonitrile	<0.13	0.53	0.13	<0.077	0.32	0.077	
67-64-1	Acetone	<1.2	5.3	1.2	<0.51	2.2	0.51	
75-69-4	Trichlorofluoromethane (CFC 11)	<0.081	0.53	0.081	<0.014	0.094	0.014	
67-63-0	2-Propanol (Isopropyl Alcohol)	<0.22	2.1	0.22	<0.090	0.85	0.090	
107-13-1	Acrylonitrile	<0.11	0.53	0.11	<0.051	0.24	0.051	
75-35-4	1,1-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-09-2	Methylene Chloride	<0.15	0.53	0.15	<0.043	0.15	0.043	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	<0.072	0.54	0.072	<0.023	0.17	0.023	
76-13-1	Trichlorotrifluoroethane (CFC 113)	<0.076	0.54	0.076	<0.0099	0.070	0.0099	
75-15-0	Carbon Disulfide	<0.16	1.1	0.16	<0.051	0.35	0.051	
156-60-5	trans-1,2-Dichloroethene	<0.074	0.54	0.074	<0.019	0.14	0.019	
75-34-3	1,1-Dichloroethane	<0.078	0.55	0.078	<0.019	0.14	0.019	
1634-04-4	Methyl tert-Butyl Ether	<0.063	0.54	0.063	<0.017	0.15	0.017	
108-05-4	Vinyl Acetate	<1.2	5.4	1.2	<0.34	1.5	0.34	
78-93-3	2-Butanone (MEK)	<0.11	1.1	0.11	<0.037	0.37	0.037	
156-59-2	cis-1,2-Dichloroethene	<0.075	0.53	0.075	<0.019	0.13	0.019	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased low) the specified limits for this compound.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003858

Client Project ID: **Tel Hashomer / KTE-74-20-Simi** ALS Sample ID: P200721-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA

Analyst: Wida Ang Date Analyzed: 7/21/20

Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
141-78-6	Ethyl Acetate	<0.28	1.1	0.28	<0.078	0.31	0.078	
110-54-3	n-Hexane	<0.11	0.54	0.11	<0.031	0.15	0.031	
67-66-3	Chloroform	<0.071	0.54	0.071	<0.015	0.11	0.015	
109-99-9	Tetrahydrofuran (THF)	<0.067	0.55	0.067	<0.023	0.19	0.023	
107-06-2	1,2-Dichloroethane	<0.059	0.54	0.059	<0.015	0.13	0.015	
71-55-6	1,1,1-Trichloroethane	<0.066	0.54	0.066	<0.012	0.099	0.012	
71-43-2	Benzene	<0.077	0.53	0.077	<0.024	0.17	0.024	
56-23-5	Carbon Tetrachloride	<0.074	0.53	0.074	<0.012	0.084	0.012	
110-82-7	Cyclohexane	<0.15	1.1	0.15	<0.044	0.32	0.044	
78-87-5	1,2-Dichloropropane	<0.066	0.54	0.066	<0.014	0.12	0.014	
75-27-4	Bromodichloromethane	<0.077	0.54	0.077	<0.011	0.081	0.011	
79-01-6	Trichloroethene	<0.072	0.54	0.072	<0.013	0.10	0.013	
123-91-1	1,4-Dioxane	<0.063	0.54	0.063	<0.017	0.15	0.017	
80-62-6	Methyl Methacrylate	<0.19	1.1	0.19	<0.046	0.27	0.046	
142-82-5	n-Heptane	<0.085	0.54	0.085	<0.021	0.13	0.021	
10061-01-5	cis-1,3-Dichloropropene	<0.083	0.52	0.083	<0.018	0.11	0.018	
108-10-1	4-Methyl-2-pentanone	<0.073	0.53	0.073	<0.018	0.13	0.018	
10061-02-6	trans-1,3-Dichloropropene	<0.11	0.53	0.11	<0.024	0.12	0.024	
79-00-5	1,1,2-Trichloroethane	<0.054	0.54	0.054	<0.0099	0.099	0.0099	
108-88-3	Toluene	<0.065	0.54	0.065	<0.017	0.14	0.017	
591-78-6	2-Hexanone	<0.066	0.54	0.066	<0.016	0.13	0.016	
124-48-1	Dibromochloromethane	<0.070	0.54	0.070	<0.0082	0.063	0.0082	
106-93-4	1,2-Dibromoethane	<0.062	0.54	0.062	<0.0081	0.070	0.0081	
123-86-4	n-Butyl Acetate	<0.073	0.55	0.073	<0.015	0.12	0.015	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Client: **Dr. Katz Technologies & Enterprises (KTE)**

Client Sample ID: **Method Blank** ALS Project ID: P2003858

Client Project ID: **Tel Hashomer / KTE-74-20-Simi** ALS Sample ID: P200721-MB

Test Code: EPA TO-15 Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA

Analyst: Wida Ang Date Analyzed: 7/21/20

Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
111-65-9	n-Octane	<0.12	0.54	0.12	<0.026	0.12	0.026	
127-18-4	Tetrachloroethene	<0.069	0.52	0.069	<0.010	0.077	0.010	
108-90-7	Chlorobenzene	<0.071	0.54	0.071	<0.015	0.12	0.015	
100-41-4	Ethylbenzene	<0.075	0.54	0.075	<0.017	0.12	0.017	
179601-23-1	m,p-Xylenes	<0.14	1.1	0.14	<0.032	0.25	0.032	
75-25-2	Bromoform	<0.11	0.54	0.11	<0.011	0.052	0.011	
100-42-5	Styrene	<0.086	0.53	0.086	<0.020	0.12	0.020	
95-47-6	o-Xylene	<0.077	0.54	0.077	<0.018	0.12	0.018	
111-84-2	n-Nonane	<0.089	0.54	0.089	<0.017	0.10	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	<0.074	0.54	0.074	<0.011	0.079	0.011	
98-82-8	Cumene	<0.077	0.54	0.077	<0.016	0.11	0.016	
80-56-8	alpha-Pinene	<0.082	0.54	0.082	<0.015	0.097	0.015	
103-65-1	n-Propylbenzene	<0.077	0.54	0.077	<0.016	0.11	0.016	
622-96-8	4-Ethyltoluene	<0.085	0.54	0.085	<0.017	0.11	0.017	
108-67-8	1,3,5-Trimethylbenzene	<0.077	0.53	0.077	<0.016	0.11	0.016	
95-63-6	1,2,4-Trimethylbenzene	<0.074	0.54	0.074	<0.015	0.11	0.015	
100-44-7	Benzyl Chloride	<0.12	1.1	0.12	<0.023	0.21	0.023	
541-73-1	1,3-Dichlorobenzene	<0.080	0.54	0.080	<0.013	0.090	0.013	
106-46-7	1,4-Dichlorobenzene	<0.082	0.54	0.082	<0.014	0.090	0.014	
95-50-1	1,2-Dichlorobenzene	<0.079	0.54	0.079	<0.013	0.090	0.013	
5989-27-5	d-Limonene	<0.11	0.54	0.11	<0.020	0.097	0.020	
96-12-8	1,2-Dibromo-3-chloropropane	<0.10	0.53	0.10	<0.010	0.055	0.010	
120-82-1	1,2,4-Trichlorobenzene	<0.13	0.54	0.13	<0.018	0.073	0.018	
91-20-3	Naphthalene	<0.13	0.52	0.13	<0.025	0.099	0.025	
87-68-3	Hexachlorobutadiene	<0.11	0.53	0.11	<0.010	0.050	0.010	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Project ID: **Tel Hashomer / KTE-74-20-Simi** ALS Project ID: P2003858

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date(s) Collected: 7/8/20
Analyst: Wida Ang Date(s) Received: 7/13/20
Sample Type: 1.0 L Silonite Summa Canister(s) Date(s) Analyzed: 7/21 - 7/22/20
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P200721-MB	**80**	**100**	**100**	70-130	
Lab Control Sample	P200721-LCS	**80**	**100**	**104**	70-130	
SG-72	P2003858-001	**80**	**100**	**101**	70-130	
SG-92	P2003858-002	**80**	**99**	**102**	70-130	
A B	P2003858-003	**80**	**100**	**101**	70-130	
SG-60	P2003858-004	**80**	**99**	**102**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003858
Client Project ID: **Tel Hashomer / KTE-74-20-Simi** ALS Sample ID: P200721-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 7/21/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
115-07-1	Propene	210	**211**	**100**	51-133	
75-71-8	Dichlorodifluoromethane (CFC 12)	210	**175**	**83**	64-115	
74-87-3	Chloromethane	212	**215**	**101**	49-127	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	206	**133**	**65**	65-114	
75-01-4	Vinyl Chloride	212	**166**	**78**	61-129	
106-99-0	1,3-Butadiene	212	**197**	**93**	54-140	
74-83-9	Bromomethane	212	**205**	**97**	68-120	
75-00-3	Chloroethane	214	**237**	**111**	63-123	
64-17-5	Ethanol	1,060	**901**	**85**	49-134	
75-05-8	Acetonitrile	214	**231**	**108**	50-137	
67-64-1	Acetone	1,070	**927**	**87**	56-125	
75-69-4	Trichlorofluoromethane (CFC 11)	212	**173**	**82**	64-115	
67-63-0	2-Propanol (Isopropyl Alcohol)	422	**395**	**94**	57-133	
107-13-1	Acrylonitrile	212	**250**	**118**	64-136	
75-35-4	1,1-Dichloroethene	214	**209**	**98**	67-115	
75-09-2	Methylene Chloride	210	**200**	**95**	68-114	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	214	**195**	**91**	55-139	
76-13-1	Trichlorotrifluoroethane (CFC 113)	216	**202**	**94**	65-115	
75-15-0	Carbon Disulfide	212	**193**	**91**	68-113	
156-60-5	trans-1,2-Dichloroethene	214	**215**	**100**	65-122	
75-34-3	1,1-Dichloroethane	212	**209**	**99**	63-118	
1634-04-4	Methyl tert-Butyl Ether	214	**206**	**96**	57-131	
108-05-4	Vinyl Acetate	1,070	**816**	**76**	71-128	
78-93-3	2-Butanone (MEK)	212	**198**	**93**	67-123	
156-59-2	cis-1,2-Dichloroethene	212	**201**	**95**	64-120	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003858
Client Project ID: **Tel Hashomer / KTE-74-20-Simi** ALS Sample ID: P200721-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 7/21/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
141-78-6	Ethyl Acetate	432	**362**	**84**	64-131	
110-54-3	n-Hexane	216	**195**	**90**	58-125	
67-66-3	Chloroform	214	**184**	**86**	65-114	
109-99-9	Tetrahydrofuran (THF)	220	**221**	**100**	65-115	
107-06-2	1,2-Dichloroethane	214	**162**	**76**	59-119	
71-55-6	1,1,1-Trichloroethane	214	**182**	**85**	66-115	
71-43-2	Benzene	210	**188**	**90**	66-109	
56-23-5	Carbon Tetrachloride	208	**173**	**83**	66-119	
110-82-7	Cyclohexane	422	**382**	**91**	67-117	
78-87-5	1,2-Dichloropropane	214	**223**	**104**	66-119	
75-27-4	Bromodichloromethane	218	**186**	**85**	71-119	
79-01-6	Trichloroethene	216	**192**	**89**	70-114	
123-91-1	1,4-Dioxane	216	**206**	**95**	71-117	
80-62-6	Methyl Methacrylate	430	**405**	**94**	76-121	
142-82-5	n-Heptane	214	**208**	**97**	66-119	
10061-01-5	cis-1,3-Dichloropropene	214	**215**	**100**	72-125	
108-10-1	4-Methyl-2-pentanone	212	**213**	**100**	68-130	
10061-02-6	trans-1,3-Dichloropropene	212	**205**	**97**	71-132	
79-00-5	1,1,2-Trichloroethane	214	**206**	**96**	70-117	
108-88-3	Toluene	212	**197**	**93**	67-113	
591-78-6	2-Hexanone	216	**182**	**84**	62-135	
124-48-1	Dibromochloromethane	214	**198**	**93**	73-126	
106-93-4	1,2-Dibromoethane	214	**209**	**98**	71-122	
123-86-4	n-Butyl Acetate	218	**193**	**89**	65-134	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Client: **Dr. Katz Technologies & Enterprises (KTE)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003858
Client Project ID: **Tel Hashomer / KTE-74-20-Simi** ALS Sample ID: P200721-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13 Date Received: NA
Analyst: Wida Ang Date Analyzed: 7/21/20
Sample Type: 1.0 L Silonite Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	**Result µg/m³**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
111-65-9	n-Octane	216	**204**	**94**	63-120	
127-18-4	Tetrachloroethene	208	**191**	**92**	64-120	
108-90-7	Chlorobenzene	214	**197**	**92**	65-116	
100-41-4	Ethylbenzene	212	**194**	**92**	65-117	
179601-23-1	m,p-Xylenes	426	**363**	**85**	64-121	
75-25-2	Bromoform	214	**188**	**88**	72-130	
100-42-5	Styrene	212	**204**	**96**	72-126	
95-47-6	o-Xylene	214	**182**	**85**	64-120	
111-84-2	n-Nonane	214	**186**	**87**	56-132	
79-34-5	1,1,2,2-Tetrachloroethane	214	**192**	**90**	66-122	
98-82-8	Cumene	214	**192**	**90**	64-121	
80-56-8	alpha-Pinene	212	**194**	**92**	62-136	
103-65-1	n-Propylbenzene	214	**191**	**89**	65-123	
622-96-8	4-Ethyltoluene	210	**175**	**83**	71-126	
108-67-8	1,3,5-Trimethylbenzene	212	**184**	**87**	65-120	
95-63-6	1,2,4-Trimethylbenzene	212	**162**	**76**	63-129	
100-44-7	Benzyl Chloride	214	**176**	**82**	66-138	
541-73-1	1,3-Dichlorobenzene	214	**182**	**85**	65-127	
106-46-7	1,4-Dichlorobenzene	214	**193**	**90**	65-125	
95-50-1	1,2-Dichlorobenzene	214	**180**	**84**	67-128	
5989-27-5	d-Limonene	212	**175**	**83**	65-136	
96-12-8	1,2-Dibromo-3-chloropropane	214	**202**	**94**	73-133	
120-82-1	1,2,4-Trichlorobenzene	216	**213**	**99**	62-140	
91-20-3	Naphthalene	212	**191**	**90**	57-149	
87-68-3	Hexachlorobutadiene	214	**211**	**99**	57-129	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

Response Factor Report MS13

Method Path : I:\MS13\METHODS\
Method File : R13062320.M
Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
Last Update : Wed Jun 24 06:33:38 2020
Response Via : Initial Calibration

LH 6/24/20

Calibration Files
0.1 =06232011.D 0.2 =06232003.D 0.5 =06232004.D 1.0 =06232005.D 5.0 =06232006.D 25 =06232
100 =06232009.D

		Compound	0.1	0.2	0.5	1.0	5.0	25	50	100	Avg	%RSD
1)	IR	Bromochloromethane...	----------ISTD----------									
2)	T	Propene	1.090	1.204	1.254	1.250	1.087	1.145	1.301	1.737	1.258	16.58
3)	T	Dichlorodifluo...	2.470	2.587	2.723	2.684	2.568	2.605	2.713	2.864	2.652	4.54
4)	T	Chloromethane	1.826	1.774	1.747	1.532	1.808	1.667	1.538	1.110	1.625	14.59
5)	T	1,2-Dichloro-1...	1.545	1.727	1.886	1.918	1.816	1.846	1.911	1.977	1.828	7.50
6)	T	Vinyl Chloride	2.022	2.073	2.292	2.186	2.111	2.098	2.130	2.158	2.134	3.82
7)	T	1,3-Butadiene	1.030	1.175	1.565	1.629	1.204	1.288	1.730	1.824	1.431	20.46
8)	T	Bromomethane	0.934	1.046	1.087	1.094	1.072	1.102	1.145	1.229	1.089	7.71
9)	T	Chloroethane	0.689	0.686	0.776	0.777	0.759	0.762	0.792	0.861	0.763	7.38
10)	T	Ethanol	0.902	0.746	0.978	0.886	0.834	0.936	1.007	1.057	0.918	10.82
11)	T	Acetonitrile	1.979	1.794	1.979	1.835	1.792	1.877	1.934	2.063	1.907	5.15
12)	T	Acrolein	0.540	0.607	0.630	0.656	0.675	0.687	0.717	0.752	0.658	10.06
13)	T	Acetone	0.792	0.797	0.883	0.858	0.815	0.973	1.075	1.089	0.910	13.29
14)	T	Trichlorofluor...	2.045	2.090	2.355	2.304	2.241	2.320	2.421	2.641	2.302	8.16
15)	T	2-Propanol (Is...	2.595	2.683	2.863	2.672	2.840	3.080	3.106	2.662	2.813	6.95
16)	T	Acrylonitrile	0.910	1.083	1.294	1.291	1.322	1.429	1.492	1.596	1.302	16.96
17)	T	1,1-Dichloroet...	1.025	1.067	1.166	1.138	1.102	1.156	1.199	1.310	1.145	7.62
18)	T	2-Methyl-2-Pro...	2.604	2.762	2.910	2.788	2.975	3.338	3.362	2.272	2.876	12.61
19)	T	Methylene Chlo...	1.118	1.122	1.238	1.163	1.143	1.210	1.303	1.469	1.221	9.73
20)	T	3-Chloro-1-pro...	1.778	1.697	1.671	1.588	1.600	1.660	1.709	1.827	1.691	4.83
21)	T	Trichlorotrifl...	1.040	1.004	1.090	1.095	1.131	1.153	1.194	1.307	1.127	8.39
22)	T	Carbon Disulfide	5.927	4.945	4.471	4.219	4.016	4.138	4.231	4.507	4.557	13.70
23)	T	trans-1,2-Dich...	1.288	1.369	1.560	1.560	1.546	1.600	1.674	1.806	1.550	10.50
24)	T	1,1-Dichloroet...	1.800	1.756	1.920	1.925	1.884	1.938	1.994	2.089	1.913	5.46
25)	T	Methyl tert-Bu...	3.045	3.206	3.420	3.484	3.498	3.658	3.844	3.910	3.508	8.43
26)	T	Vinyl Acetate			0.269	0.283	0.311	0.399	0.451	0.433	0.358	22.29
27)	T	2-Butanone (MEK)			0.792	0.765	0.765	0.834	0.884	0.976	0.836	9.84
28)	T	cis-1,2-Dichlo...	1.434	1.360	1.532	1.544	1.511	1.586	1.651	1.772	1.549	8.18
29)	T	Diisopropyl Ether	0.876	0.980	1.102	1.126	1.201	1.318	1.496	1.489	1.198	18.75
30)	T	Ethyl Acetate			0.370	0.388	0.403	0.503	0.564	0.558	0.465	18.92
31)	T	n-Hexane	1.474	1.691	1.791	1.761	1.806	2.170	2.375	2.325	1.924	16.89
32)	T	Chloroform	1.787	1.888	2.065	2.100	2.085	2.216	2.329	2.493	2.120	10.72
33)	S	1,2-Dichloroet...	1.648	1.673	1.653	1.640	1.649	1.649	1.646	1.633	1.649	0.71
34)	T	Tetrahydrofura...	0.700	0.655	0.743	0.745	0.722	0.743	0.775	0.856	0.742	7.85
35)	T	Ethyl tert-But...	1.085	1.217	1.352	1.379	1.386	1.518	1.653	1.866	1.432	17.15
36)	T	1,2-Dichloroet...	1.523	1.537	1.711	1.688	1.682	1.753	1.809	1.911	1.702	7.61
37)	IR	1,4-Difluorobenzen...	----------ISTD----------									
38)	T	1,1,1-Trichlor...	0.378	0.405	0.434	0.447	0.440	0.465	0.485	0.525	0.447	10.24
39)	T	Isopropyl Acetate			0.158	0.153	0.165	0.198	0.216	0.220	0.185	16.19
40)	T	1-Butanol			0.230	0.228	0.262	0.340	0.384	0.381	0.304	24.01
41)	T	Benzene	0.950	0.970	1.055	1.026	1.051	1.193	1.358	1.374	1.122	14.89
42)	T	Carbon Tetrach...	0.370	0.367	0.398	0.399	0.417	0.457	0.483	0.534	0.428	13.65
43)	T	Cyclohexane	0.369	0.370	0.407	0.402	0.416	0.485	0.539	0.545	0.442	16.20
44)	T	tert-Amyl Meth...	0.644	0.688	0.735	0.723	0.743	0.816	0.870	0.925	0.768	12.33
45)	T	1,2-Dichloropr...	0.207	0.208	0.247	0.239	0.240	0.251	0.259	0.280	0.241	10.12
46)	T	Bromodichlorom...	0.333	0.328	0.360	0.355	0.377	0.413	0.436	0.467	0.384	13.10
47)	T	Trichloroethene	0.254	0.268	0.301	0.302	0.307	0.344	0.381	0.437	0.324	18.64
48)	T	1,4-Dioxane	0.182	0.196	0.216	0.219	0.222	0.248	0.271	0.310	0.233	17.89
49)	T	2,2,4-Trimethy...	0.927	0.959	1.019	0.984	0.992	1.062	1.122	1.162	1.028	7.90
50)	T	Methyl Methacr...	0.086	0.090	0.106	0.107	0.110	0.133	0.149	0.165	0.118	23.58
51)	T	n-Heptane	0.233	0.226	0.253	0.252	0.256	0.284	0.309	0.343	0.269	14.87
52)	T	cis-1,3-Dichlo...	0.361	0.359	0.408	0.416	0.433	0.478	0.504	0.546	0.438	15.23
53)	T	4-Methyl-2-pen...	0.180	0.200	0.228	0.223	0.226	0.250	0.266	0.292	0.233	15.28
54)	T	trans-1,3-Dich...	0.318	0.316	0.367	0.369	0.396	0.439	0.459	0.493	0.395	16.39

55)	T	1,1,2-Trichlor...	0.225	0.233	0.258	0.257	0.257	0.276	0.290	0.319	0.264	11.57
56)	IR	Chlorobenzene-d5 (...	----------ISTD----------									
57)	S	Toluene-d8 (SS2)	2.585	2.578	2.527	2.574	2.560	2.500	2.481	2.415	2.528	2.35
58)	T	Toluene	2.408	2.285	2.559	2.534	2.503	2.671	2.842	2.863	2.583	7.77
59)	T	2-Hexanone	1.208	1.154	1.291	1.336	1.339	1.398	1.459	1.457	1.330	8.28
60)	T	Dibromochlorom...	0.647	0.627	0.689	0.705	0.752	0.814	0.870	0.954	0.757	15.11
61)	T	1,2-Dibromoethane	0.581	0.580	0.664	0.665	0.700	0.730	0.758	0.811	0.686	11.83
62)	T	n-Butyl Acetate	1.337	1.285	1.403	1.434	1.436	1.498	1.549	1.558	1.437	6.71
63)	T	n-Octane			0.450	0.448	0.464	0.512	0.561	0.601	0.506	12.58
64)	T	Tetrachloroethene	0.754	0.692	0.775	0.766	0.787	0.853	0.940	1.068	0.829	14.65
65)	T	Chlorobenzene	1.660	1.540	1.676	1.722	1.711	1.846	1.993	2.098	1.781	10.44
66)	T	Ethylbenzene	2.662	2.539	2.810	2.813	2.833	3.155	3.406	3.265	2.935	10.39
67)	T	m- & p-Xylenes	2.088	1.981	2.144	2.168	2.277	2.732	2.976	2.621	2.373	15.04
68)	T	Bromoform			0.548	0.566	0.643	0.771	0.862	0.964	0.726	23.14
69)	T	Styrene	1.553	1.449	1.576	1.642	1.782	2.061	2.254	2.299	1.827	18.24
70)	T	o-Xylene	2.056	1.972	2.143	2.197	2.287	2.689	2.997	2.856	2.400	16.28
71)	T	n-Nonane	0.956	0.991	1.058	1.068	1.109	1.244	1.335	1.253	1.127	12.05
72)	T	1,1,2,2-Tetrac...	0.914	0.906	0.987	1.011	1.062	1.232	1.351	1.356	1.102	16.81
73)	S	Bromofluoroben...	0.775	0.769	0.794	0.786	0.802	0.823	0.821	0.814	0.798	2.57
74)	T	Cumene	2.603	2.460	2.759	2.806	2.908	3.355	3.655	3.316	2.983	13.91
75)	T	alpha-Pinene	1.188	1.217	1.367	1.396	1.412	1.706	1.909	1.877	1.509	18.83
76)	T	n-Propylbenzene	3.161	3.024	3.263	3.313	3.466	4.005	4.218	3.685	3.517	11.95
77)	T	3-Ethyltoluene	2.453	2.331	2.621	2.639	2.807	3.550	3.787	3.570	2.970	19.29
78)	T	4-Ethyltoluene	2.618	2.432	2.692	2.721	2.930	3.363	3.755	3.173	2.960	14.92
79)	T	1,3,5-Trimethy...	2.250	2.018	2.273	2.314	2.446	2.962	3.288	3.011	2.570	17.64
80)	T	alpha-Methylst...	1.113	1.069	1.185	1.238	1.298	1.593	1.815	1.835	1.393	22.25
81)	T	2-Ethyltoluene	2.492	2.389	2.601	2.692	2.883	3.481	3.794	3.439	2.971	17.75
82)	T	1,2,4-Trimethy...			2.254	2.315	2.623	3.571	3.671	2.613	2.841	21.94
83)	T	n-Decane	0.973	0.949	1.030	1.054	1.159	1.409	1.563	1.468	1.201	20.25
84)	T	Benzyl Chloride			1.669	1.720	2.134	2.772	3.149	2.843	2.381	26.29
85)	T	1,3-Dichlorobe...	1.513	1.219	1.323	1.337	1.529	1.907	2.221	2.141	1.649	23.58
86)	T	1,4-Dichlorobe...	1.535	1.178	1.294	1.316	1.499	1.796	2.053	2.087	1.595	21.82
87)	T	sec-Butylbenzene	2.837	2.779	3.025	3.054	3.333	3.925	4.223	3.625	3.350	15.76
88)	T	4-Isopropyltol...			2.870	2.958	3.263	4.418	4.299	2.859	3.445	21.02
89)	T	1,2,3-Trimethy...			2.256	2.351	2.654	3.652	3.688	2.539	2.857	22.59
90)	T	1,2-Dichlorobe...	1.451	1.185	1.269	1.349	1.498	1.977	2.244	1.776	1.594	23.30
91)	T	d-Limonene	0.735	0.885	0.866	0.917	0.910	1.154	1.254	0.981	0.963	17.28
92)	T	1,2-Dibromo-3-...	0.505	0.417	0.462	0.475	0.527	0.611	0.689	0.785	0.559	22.56
93)	T	n-Undecane	0.979	0.967	1.041	1.049	1.124	1.370	1.528	1.422	1.185	18.63
94)	T	1,2,4-Trichlor...	1.490	0.805	0.868	0.869	0.989	1.206	1.440	1.582	1.156	27.22
95)	T	Naphthalene	5.482	2.594	2.708	2.676	3.198	4.370	4.763	3.588	3.672	29.60
96)	T	n-Dodecane	1.238	0.928	0.974	1.002	1.066	1.477	1.593	1.203	1.185	20.49
97)	T	Hexachlorobuta...	0.735	0.576	0.628	0.628	0.648	0.807	0.997	1.120	0.767	25.58
98)	T	Cyclohexanone	0.837	0.750	0.852	0.857	0.831	0.923	0.970	1.022	0.880	9.83
99)	T	tert-Butylbenzene			2.242	2.306	2.578	3.509	3.558	2.538	2.789	21.21
100)	T	n-Butylbenzene	2.398	2.347	2.410	2.445	2.623	3.090	3.340	2.918	2.696	13.88

(#) = Out of Range

R13062320.M Wed Jun 24 18:25:58 2020

Evaluate Continuing Calibration Report

Data File : I:\MS13\DATA\2020 07\21\07212035.D Vial: 1
Acq On : 21 Jul 2020 20:47 Operator: WA
Sample : CCV2 R13072120 25ng Inst : MS13
Misc : S34-06182001/S34-06292001 (7/28)

Quant Time: Jul 22 03:06:42 2020
Quant Method : I:\MS13\METHODS\R13062320.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Wed Jun 24 06:33:38 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

WA 7/22/20

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	108	0.02
2	T	Propene	1.258	1.237	1.7	117	0.00
3	T	Dichlorodifluoromethane (CF	2.652	2.165	18.4	90	0.02
4	T	Chloromethane	1.625	1.682	-3.5	109	-0.03
5	T	1,2-Dichloro-1,1,2,2-tetraf	1.828	1.170	36.0#	69	-0.03
6	T	Vinyl Chloride	2.134	1.648	22.8	85	-0.03
7	T	1,3-Butadiene	1.431	1.356	5.2	114	-0.03
8	T	Bromomethane	1.089	1.068	1.9	105	-0.02
9	T	Chloroethane	0.763	0.856	-12.2	121	-0.02
10	T	Ethanol	0.918	0.791	13.8	91	0.04
11	T	Acetonitrile	1.907	2.032	-6.6	117	0.00
12	T	Acrolein	0.658	0.751	-14.1	118	-0.02
13	T	Acetone	0.910	0.777	14.6	86	-0.02
14	T	Trichlorofluoromethane	2.302	1.846	19.8	86	-0.02
15	T	2-Propanol (Isopropanol)	2.813	2.634	6.4	92	-0.03
16	T	Acrylonitrile	1.302	1.512	-16.1	114	0.01
17	T	1,1-Dichloroethene	1.145	1.091	4.7	102	-0.02
18	T	2-Methyl-2-Propanol (tert-B	2.876	2.648	7.9	86	-0.05
19	T	Methylene Chloride	1.221	1.139	6.7	102	0.02
20	T	3-Chloro-1-propene (Allyl C	1.691	1.565	7.5	102	0.00
21	T	Trichlorotrifluoroethane	1.127	1.038	7.9	97	0.00
22	T	Carbon Disulfide	4.557	4.068	10.7	106	0.00
23	T	trans-1,2-Dichloroethene	1.550	1.513	2.4	102	0.02
24	T	1,1-Dichloroethane	1.913	1.876	1.9	105	0.02
25	T	Methyl tert-Butyl Ether	3.508	3.265	6.9	97	-0.06
26	T	Vinyl Acetate	0.358	0.270	24.6	73	0.00
27	T	2-Butanone (MEK)	0.836	0.769	8.0	100	-0.05
28	T	cis-1,2-Dichloroethene	1.549	1.442	6.9	98	0.02
29	T	Diisopropyl Ether	1.198	0.921	23.1	76	-0.02
30	T	Ethyl Acetate	0.465	0.380	18.3	82	-0.02
31	T	n-Hexane	1.924	1.703	11.5	85	0.00
32	T	Chloroform	2.120	1.793	15.4	87	0.02
33	S	1,2-Dichloroethane-d4(SS1)	1.649	1.310	20.6	86	0.02
34	T	Tetrahydrofuran (THF)	0.742	0.734	1.1	107	-0.06
35	T	Ethyl tert-Butyl Ether	1.432	1.323	7.6	94	-0.02
36	T	1,2-Dichloroethane	1.702	1.251	26.5	77	0.01
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	110	0.01
38	T	1,1,1-Trichloroethane	0.447	0.367	17.9	87	0.01
39	T	Isopropyl Acetate	0.185	0.155	16.2	86	-0.01
40	T	1-Butanol	0.304	0.248	18.4	80	-0.03
41	T	Benzene	1.122	0.985	12.2	91	0.01
42	T	Carbon Tetrachloride	0.428	0.347	18.9	83	0.00
43	T	Cyclohexane	0.442	0.391	11.5	88	0.00
44	T	tert-Amyl Methyl Ether	0.768	0.696	9.4	94	-0.02
45	T	1,2-Dichloropropane	0.241	0.246	-2.1	107	0.00
46	T	Bromodichloromethane	0.384	0.327	14.8	87	0.00
47	T	Trichloroethene	0.324	0.287	11.4	91	0.00
48	T	1,4-Dioxane	0.233	0.212	9.0	94	-0.03
49	T	2,2,4-Trimethylpentane (Iso	1.028	1.012	1.6	105	0.00
50	T	Methyl Methacrylate	0.118	0.109	7.6	90	0.00
51	T	n-Heptane	0.269	0.256	4.8	99	0.00
52	T	cis-1,3-Dichloropropene	0.438	0.423	3.4	97	0.00
53	T	4-Methyl-2-pentanone	0.233	0.228	2.1	100	-0.02
54	T	trans-1,3-Dichloropropene	0.395	0.378	4.3	94	0.00
55	T	1,1,2-Trichloroethane	0.264	0.249	5.7	99	0.00

Evaluate Continuing Calibration Report

Data File : I:\MS13\DATA\2020 07\21\07212035.D Vial: 1
Acq On : 21 Jul 2020 20:47 Operator: WA
Sample : CCV2 R13072120 25ng Inst : MS13
Misc : S34-06182001/S34-06292001 (7/28)

Quant Time: Jul 22 03:06:42 2020
Quant Method : I:\MS13\METHODS\R13062320.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Wed Jun 24 06:33:38 2020
Response via : Initial Calibration
DataAcq Meth:TO15.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
56	IR	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	105	0.00
57	S	Toluene-d8 (SS2)	2.528	2.550	-0.9	107	0.00
58	T	Toluene	2.583	2.353	8.9	92	0.00
59	T	2-Hexanone	1.330	1.099	17.4	82	-0.02
60	T	Dibromochloromethane	0.757	0.693	8.5	89	0.00
61	T	1,2-Dibromoethane	0.686	0.665	3.1	95	0.00
62	T	n-Butyl Acetate	1.437	1.238	13.8	87	0.00
63	T	n-Octane	0.506	0.474	6.3	97	0.00
64	T	Tetrachloroethene	0.829	0.750	9.5	92	0.00
65	T	Chlorobenzene	1.781	1.622	8.9	92	0.00
66	T	Ethylbenzene	2.935	2.624	10.6	87	0.00
67	T	m- & p-Xylenes	2.373	1.980	16.6	76	0.00
68	T	Bromoform	0.726	0.628	13.5	85	0.00
69	T	Styrene	1.827	1.709	6.5	87	0.00
70	T	o-Xylene	2.400	2.025	15.6	79	0.00
71	T	n-Nonane	1.127	0.969	14.0	82	0.00
72	T	1,1,2,2-Tetrachloroethane	1.102	0.968	12.2	82	0.00
73	S	Bromofluorobenzene (SS3)	0.798	0.825	-3.4	105	0.00
74	T	Cumene	2.983	2.649	11.2	83	0.00
75	T	alpha-Pinene	1.509	1.338	11.3	82	0.00
76	T	n-Propylbenzene	3.517	3.095	12.0	81	0.00
77	T	3-Ethyltoluene	2.970	2.714	8.6	80	0.00
78	T	4-Ethyltoluene	2.960	2.460	16.9	77	0.00
79	T	1,3,5-Trimethylbenzene	2.570	2.186	14.9	77	0.00
80	T	alpha-Methylstyrene	1.393	1.214	12.8	80	0.00
81	T	2-Ethyltoluene	2.971	2.536	14.6	76	0.00
82	T	1,2,4-Trimethylbenzene	2.841	2.119	25.4	62	0.00
83	T	n-Decane	1.201	1.106	7.9	82	0.00
84	T	Benzyl Chloride	2.381	1.921	19.3	73	0.00
85	T	1,3-Dichlorobenzene	1.649	1.378	16.4	76	0.00
86	T	1,4-Dichlorobenzene	1.595	1.414	11.3	82	0.00
87	T	sec-Butylbenzene	3.350	2.912	13.1	78	0.00
88	T	4-Isopropyltoluene (p-Cymen	3.445	2.626	23.8	62	0.00
89	T	1,2,3-Trimethylbenzene	2.857	2.118	25.9	61	0.00
90	T	1,2-Dichlorobenzene	1.594	1.319	17.3	70	0.00
91	T	d-Limonene	0.963	0.737	23.5	67	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.559	0.535	4.3	92	0.00
93	T	n-Undecane	1.185	1.159	2.2	89	0.00
94	T	1,2,4-Trichlorobenzene	1.156	1.132	2.1	98	0.00
95	T	Naphthalene	3.672	3.265	11.1	78	0.00
96	T	n-Dodecane	1.185	1.076	9.2	76	0.00
97	T	Hexachlorobutadiene	0.767	0.741	3.4	96	0.00
98	T	Cyclohexanone	0.880	0.775	11.9	88	0.00
99	T	tert-Butylbenzene	2.789	2.112	24.3	63	0.00
100	T	n-Butylbenzene	2.696	2.312	14.2	78	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

נספח 3

טפסי שדה ומשמורת

נספח 3 – טופס שדה להתקנת בארות גז קרקע (חב' וריידיס)

דוגמה	תאריך התקנה	עומק באר (סמ')	עומק לאחר הוספה ראשונה של חול (סמ')	עומק לאחר הוספה שנייה של חול (סמ')	עומק לאחר הוספת בנטונייט (סמ')	בדיקת חדירות	זמן שטיפה
sg-122	16/04/2020	1000	980	960	930	V	14.697786
sg-8	16/04/2020	1050	1030	1015	980	V	15.126009
sg-7	16/04/2020	1010	980	960	920	V	17.131642
sg-16	16/04/2020	1050	1035	1015	980	V	15.126009
sg-118	16/04/2020	1050	1030	1015	980	V	15.126009
sg-32	16/04/2020	1050	1035	1015	975	V	15.785619
sg-135	16/04/2020	1050	1030	1010	975	V	15.653697
sg-64	16/04/2020	1050	1035	1015	980	V	15.126009
sg-130	19/04/2020	1050	1030	1015	985	V	14.466399
sg-128	19/04/2020	1040	1025	1005	970	V	15.066749
sg-127	19/04/2020	1050	1030	1015	980	V	15.126009
sg-34	19/04/2020	1000	980	960	930	V	14.697786
sg-126	19/04/2020	1050	1030	1010	975	V	15.653697
sg-62	19/04/2020	1000	980	960	925	V	15.357396
sg-9	19/04/2020	1050	1030	1015	985	V	14.466399
sg-137	19/04/2020	1040	1020	1000	970	V	14.934827
sg-101	19/04/2020	1050	1035	1015	980	V	15.126009
sg-71	19/04/2020	1050	1030	1010	975	V	15.653697
sg-76	20/04/2020	1060	1040	1020	990	V	15.053347
sg-116	20/04/2020	1040	1025	1005	970	V	15.066749
sg-23	20/04/2020	1020	1000	980	950	V	14.816306
sg-22	20/04/2020	1050	1035	1020	985	V	14.598321
sg-21	20/04/2020	1050	1030	1010	980	V	14.994087
sg-80	20/04/2020	1050	1035	1015	980	V	15.126009
sg-121	20/04/2020	1040	1020	1000	970	V	14.934827
sg-114	21/04/2020	1050	1030	1015	985	V	14.466399
sg-81	21/04/2020	1050	1035	1020	990	V	13.938711
sg-24	21/04/2020	1030	1015	1000	970	V	13.820191
sg-89	21/04/2020	1040	1020	1000	970	V	14.934827
sg-77	21/04/2020	1010	995	975	945	V	14.229358
sg-120	21/04/2020	1050	1035	1020	990	V	13.938711
sg-17	21/04/2020	1050	1030	1015	985	V	14.466399
sg-51	21/04/2020	1040	1025	1005	975	V	14.407139
sg-77	21/04/2020	1050	1035	1015	985	V	14.466399
sg-104	23/04/2020	1050	1035	1020	990	V	13.938711
sg-52	23/04/2020	1030	1010	995	965	V	14.347879
sg-105	23/04/2020	1040	1020	1000	970	V	14.934827
sg-97	23/04/2020	1050	1035	1015	985	V	14.466399
sg-75	23/04/2020	1030	1010	995	965	V	14.347879
sg-55	23/04/2020	980	965	950	920	V	13.52389
sg-113	30/04/2020	1010	990	970	940	V	14.757046
sg-112	30/04/2020	1000	980	960	925	V	15.357396
sg-53	30/04/2020	1010	985	965	930	V	15.944344
sg-54	30/04/2020	1030	1010	990	955	V	15.535177
sg-108	30/04/2020	990	965	945	910	V	15.825824
sg-13	30/04/2020	1020	990	970	920	V	18.510122
sg-110	30/04/2020	1050	1025	1005	960	V	17.500605
sg-109	30/04/2020	1050	1030	1000	965	V	16.709073
sg-106	30/04/2020	1015	990	965	925	V	17.161272
sg-107	30/04/2020	1035	1005	980	950	V	16.488261
sg-18	04/05/2020	1050	1030	1010	980	V	14.994087
sg-111	04/05/2020	1050	1035	1015	975	V	15.785619
sg-115	04/05/2020	1050	1030	1010	980	V	14.994087
sg-14	04/05/2020	1045	1025	1005	970	V	15.624067
sg-98	04/05/2020	1030	1015	1000	965	V	14.479801
sg-99	04/05/2020	1040	1018	995	960	V	16.122125
sg-12	04/05/2020	1040	1020	990	960	V	15.990203
sg-73	04/05/2020	1020	995	970	940	V	15.871682
sg-100	04/05/2020	1045	1022	1003	967	V	15.967064
sg10	04/05/2020	1040	1020	1001	965	V	15.620821
sg-136	05/05/2020	1025	1005	985	951	V	15.373625
sg-19	05/05/2020	1040	1022	1003	965	V	15.67359
sg-96	05/05/2020	1030	1012	990	954	V	15.667099
sg-20	05/05/2020	1045	1028	1005	982	V	14.041003
sg-58	05/05/2020	1020	1000	982	945	V	15.528685

KTE Co. Dr. G. Katz- Technologies & Enterprises	**טפסים** **מעבדה 395**
טופס מסי: KTE –F – 1 – SG מהדורה מסי: 01	**טופס: התקנת צנרת לדיגום גז קרקע אקטיבי לבארות קבועים**
תקף מתאריך: 29/8/2019 | מחליף את:	נכתב ע"י: אייל שוורץ | חתימה:
עמוד 1 מתוך 2	אשר ע"י: ד"ר גיל כ"ץ, מנכ"ל | חתימה:

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מסי

דוגם מוסמך מעבדה 395

התקנת צנרת לדיגום גז קרקע אקטיבי לבארות קבועים

נתונים כלליים:

הארגון הדוגם: ד"ר כ"ץ טכנולוגיות

מס הסמכה: 395

אירועים חריגים בעת ההתקנה:

שם הלקוח: אקולוג הנדסה בע"מ

כתובת האתר: תל השומר שם איש קשר: ניר לוי

מס' סקר: PO190275 בדיקה

תאריך ההתקנה: 22/12/19-23/12

שם המתקין: מיקי דוידוב

חתימת מתקין: [signature]

מספר קידוח	קריאת PID - מספר ה-PID: T-114310	חול קוורץ נקי (סמן √)	בנטונייט גרנולרי יבש (סמן √)	אבקת בנטונייט רטוב (סמן √)	בראוט/מלט 15 ס"מ עליונים (סמן √)	בדיקת פרמבליות בזרוק באמצעות משאבה +סד ואקום (סמן √)	תיאור חתך הקרקע	עומק הגשש בפועל (מטר)	שעת סיום התקנה
SG35	0.3	✓	✓	✓	✓	✓	חרסית-חולית	10.0	13.30
SG139	0.0	✓	✓	✓	✓	✓	חרסית חולית	10.0	14.00
SG37	0.9	✓	✓	✓	✓	✓	חרסית חולית	10.00	10.00 (23/12)
SG61	0.0	✓	✓	✓	✓	✓	חרסית חולית	10.--	10.30
SG65	0.0	✓	✓	✓	✓	✓	חרסית חולית	10.--	11:00

נא לסמן את סוג הצנרת שהותקנה בקרקע: , צינורית טפלון: ☑ probe tip, ☑ 6" implant: ☐ 12" implant: ☐ צינורית כיאופלס: ☐

נא לסמן ביצוע בלוק ניקוי ציוד לפי נוהל חוזר (במידה ונותנות הנחיות ע"י המשרד להגנת הסביבה): בוצע ☐ לא בוצע ☐

KTE Co. Dr. G. Katz- Technologies & Enterprises	טפסים מעבדה 395
טופס מס': KTE – F – 1 – SG מהדורה מס': 01	טופס: התקנת צנרת לדיגום גז קרקע אקטיבי לבארות קבועים
תקף מתאריך: 29/8/2019 מחליף את:	נכתב ע"י: אייל שוורץ חתימה:
עמוד 1 מתוך 1	אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל חתימה:

ISRAC הרשות הלאומית להסמכת מעבדות ISO/IEC 17025:2017 No. 395 מס'

דוגם מוסמך מעבדה 395

התקנת צנרת לדיגום גז קרקע אקטיבי לבארות קבועים

נתונים כלליים:

הארגון הדוגם: ד"ר כ"ץ טכנולוגיות

מס הסמכה: 395

אישור הקדח בעת ההתקנה

שם הלקוח: אקולוג רסלא

כתובת האתר: תל השומר

שם איש קשר:

מס' סקר: P0170325

תאריך ההתקנה: 25/5/20

שם המתקין: אופל כהן

חתימת מתקין

מספר קדח	קריאת PID - מספר ה-PID: T-114310	חול קוורץ נקי (סמן √)	בנטונייט גרנולרי יבש (סמן √)	אבקת בנטונייט רטוב (סמן √)	גראוט/מלט 15 ס"מ עליונים (סמן √)	בדיקת פרטבליות בדוק באמצעות משאבה + מד ואקום (סמן √)	תיאור חתך הקרקע	עומק הגשש בפועל (מטר)	שעת סיום התקנה
SG 29	0.3	15 [illegible] 150	[illegible] 300	✓	✓	✓	חול חרסיתי	10	10:00
SG 40	0.3	15 [illegible]	20 30	✓	✓	✓	חול חרסיתי	10	11:00
SG 28	0.3	20 [illegible]	[illegible] 30	✓	✓	✓	חול חרסיתי	10	12:00
SG 27	0.4	20 [illegible]	[illegible] 30	✓	-	✓	חול חרסיתי	10	13:00
SG 41	0.3	15-50	[illegible] 30	✓	✓	✓	חול חרסיתי	10	15:00

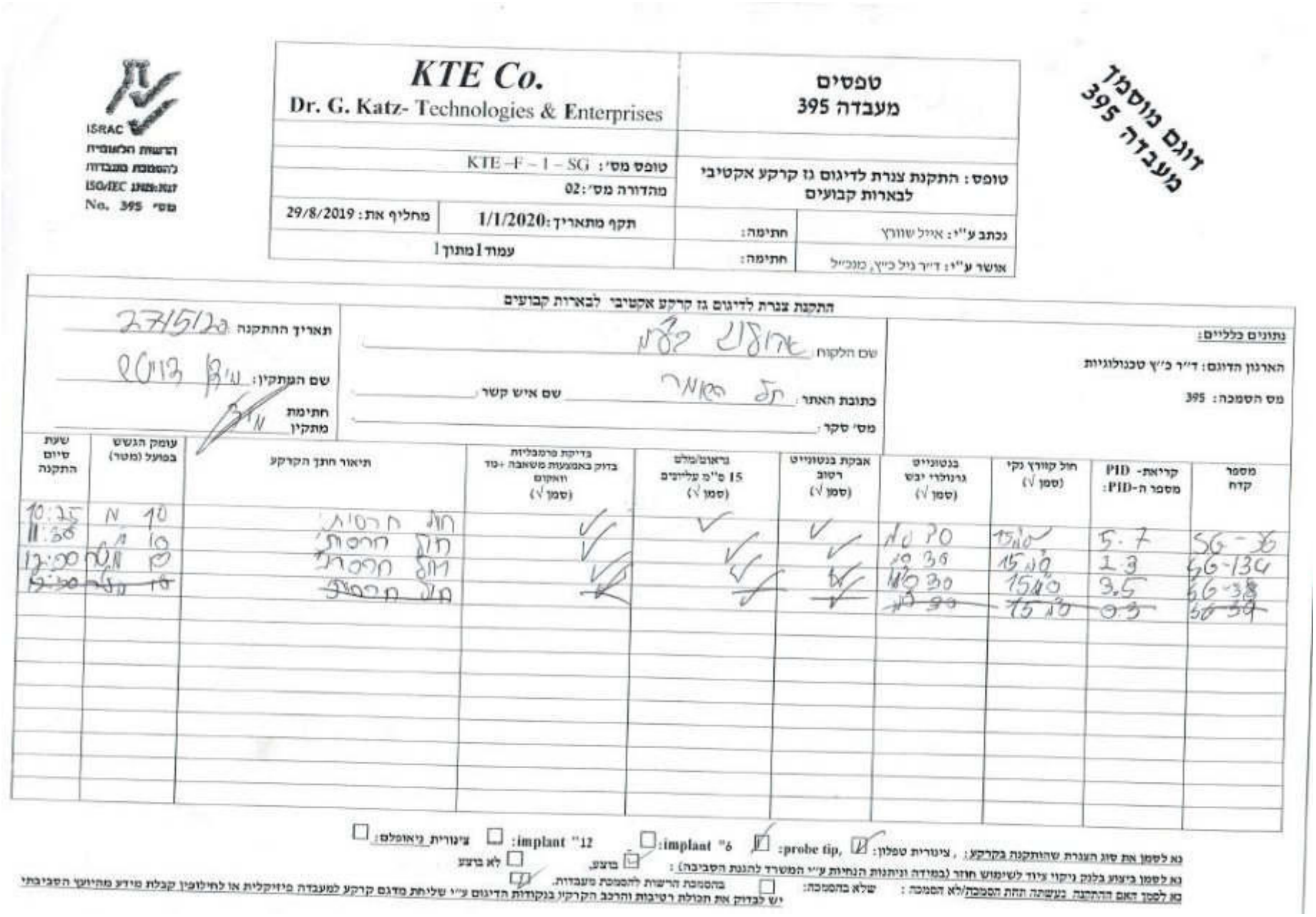
נא לסמן את סוג הצנרת שהותקנה בקרקע: , צינורית טפלון: ☑ probe tip: ☐ 6" implant: ☐ 12" implant: ☐ צינורית ניאופלם: ☐

נא לסמן ביצוע בלנק ניקוי ציוד לשימוש חוזר (במידה וניתנות הנחיות ע"י המשרד להגנת הסביבה): בוצע ☐ לא בוצע ☐

נא לסמן האם ההתקנה נעשתה תחת הסמכה/לא הסמכה: שלא בהסמכה: ☐ בהסמכת הרשות להסמכת מעבדות ☑

יש לצרף את תכולת רטיבות והרכב הקרקע בנקודות הדיגום ע"י שליחת מדגם קרקע למעבדה פיזיקלית או לחילופין קבלת מידע מהיועץ הסביבתי

נספח 3 – טופס שדה להתקנת בארות גז קרקע (חב' KTE)



ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC מס' 395
No. 395

KTE Co. Dr. G. Katz- Technologies & Enterprises	טפסים מעבדה 395
טופס מס': KTE –F – 1 – SG	טופס: התקנת צנרת לדיגום גז קרקע אקטיבי לבארות קבועים
מהדורה מס': 02	
תקף מתאריך: 1/1/2020 — מחליף את: 29/8/2019	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 1 מתוך 1	אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך
מעבדה 395

התקנת צנרת לדיגום גז קרקע אקטיבי לבארות קבועים

נתונים כלליים:
הארגון הדוגם: ד"ר כ"ץ טכנולוגיות
מס הסמכה: 395

שם הלקוח: אדולוג בע"מ
כתובת האתר: תל הסומר — שם איש קשר:
מס' סקר:

תאריך ההתקנה: 27/5/20
שם המתקין: [illegible]
חתימת מתקין: [illegible]

מספר קדח	קריאת- PID מספר ה-PID:	חול קוורץ נקי (סמן √)	בנטונייט גרנולרי יבש (סמן √)	אבקת בנטונייט רטוב (סמן √)	נראוט/מלט 15 ס"מ עליונים (סמן √)	בדיקת פרמבליות בדוק באמצעות משאבה +מד וואקום (סמן √)	תיאור חתך הקרקע	עומק הגשש בפועל (מטר)	שעת סיום התקנה
SG-36	5.7	15 ס"מ	30 ס"מ	✓	✓	✓	חול חרסית	10	10:25
SG-134	1.3	15 ס"מ	30 ס"מ	✓	✓	✓	חול חרסית	10	11:30
SG-38	3.5	15 ס"מ	30 ס"מ	✓	✓	✓	חול חרסית	10	12:00
~~SG-39~~	~~0.3~~	~~15 ס"מ~~	~~30 ס"מ~~	✓	✓	✓	~~חול חרסית~~	~~10~~	~~12:30~~

נא לסמן את סוג הצנרת שהותקנה בקרקע: , צינורית טפלון: ☑ probe tip, ☑ implant "6: ☐ implant "12: ☐ צינורית ניאופלם: ☐
נא לסמן ביצוע בלנק ניקוי ציוד לשימוש חוזר (במידה וניתנות הנחיות ע"י המשרד להגנת הסביבה): ☑ בוצע, ☐ לא בוצע
נא לסמן האם ההתקנה נעשתה תחת הסמכה/לא הסמכה: שלא בהסמכה: ☐ בהסמכת הרשות להסמכת מעבדות. ☑
יש לבדוק את תכולת רטיבות והרכב הקרקע בנקודות הדיגום ע"י שליחת מדגם קרקע למעבדה פיזיקלית או לחילופין קבלת מידע מהיועץ הסביבתי

אקולוג הנדסה בע"מ

נספח 3 – טופס שדה להתקנת בארות גז קרקע (חב' KTE)

KTE Co. Dr. G. Katz- Technologies & Enterprises	**טפסים** **מעבדה 395**
טופס מס': KTE –F – 1 – SG	**טופס: התקנת צנרת לדיגום גז קרקע אקטיבי לבארות קבועים**
מהדורה מס': 01	
תקף מתאריך: 29/8/2019	מחליף את:
עמוד 1 מתוך 2	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC מס' 395
No. 395

דוגם מוסמך
מעבדה 395

התקנת צנרת לדיגום גז קרקע אקטיבי לבארות קבועים

נתונים כלליים:

הארגון הדוגם: ד"ר כ"ץ טכנולוגיות

מס הסמכה: 395

איטום הקדח בעת ההתקנה

שם הלקוח: אקולוג - הנדסה בע"מ

כתובת האתר: תל הקומר **שם איש קשר:** לירז לוי

מס' סקר: PO 170 275

תאריך ההתקנה: 29/12/19

שם המתקין: מיכן דוגם

חתימת מתקין: [signature]

מספר קדח	קריאת- PID מספר ה-PID: T-114310	חול קוורץ נקי (סמן √)	בנטונייט גרנולרי יבש (סמן √)	אבקת בנטונייט רטוב (סמן √)	גראוט/מלט 15 ס"מ עליונים (סמן √)	בדיקת פרמבליות בדוק באמצעות משאבה +מד וואקום (סמן √)	תיאור חתך הקרקע	עומק הגשש בפועל (מטר)	שעת סיום התקנה
SG133	1.1	✓	✓	✓	✓	✓	חרסית-חול ופת	10.0	9:55
SG30	1.6	✓	✓	✓	✓	✓	חול ופת	10.00	11:45
SG31	1.2	✓	✓	✓	✓	✓	חול ופת	10.00	13:00
SG123	1.0	✓	✓	✓	✓	✓	חול ופת. חרסית	10.00	13:45
SG72	0.1	✓	✓	✓	✓	✓	חול ופת-חרסית	10.00	14:30

נא לסמן את סוג הצנרת שהותקנה בקרקע: , צינורית ספלון: ☑ probe tip, ☑ implant "6: ☐ implant "12: ☐ צינורית ניאופלם: ☐

נא לסמן ביצוע בלנק ניקוי ציוד לשימוש חוזר (במידה וניתנות הנחיות ע"י המשרד להגנת הסביבה): ☐ בוצע, ☐ לא בוצע

אקולוג הנדסה בע"מ

נספח 3 – טופס שדה להתקנת בארות גז קרקע (חב' KTE)

KTE Co. Dr. G. Katz- Technologies & Enterprises	**טפסים** **מעבדה 395**
טופס מס': KTE –F – 1 – SG	**טופס: התקנת צנרת לדיגום גז קרקע אקטיבי לבארות קבועים**
מהדורה מס': 01	
מחליף את:	תקף מתאריך: 29/8/2019
	חתימה:
	חתימה:
	נכתב ע"י: אייל שוורץ
	אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

דוגם מוסמך
מעבדה 395

התקנת צנרת לדיגום גז קרקע אקטיבי לבארות קבועים

נתונים כלליים:

הארגון הדוגם: ד"ר כ"ץ טכנולוגיות

מס הסמכה: 395

אישום הקדח בעת ההתקנה

שם הלקוח: אקולוג בע"מ

כתובת האתר: תל הקומר

שם איש קשר: אירע לוי

מס' סקר: PO190275

תאריך ההתקנה: 30/12/19

שם המתקין: עמיר דוגם

חתימת מתקין: [signature]

מספר קדח	קריאת- PID מספר ה-PID: T-114310	חול קוורץ נקי (סמן √)	בנטונייט גרנולרי יבש (סמן √)	אבקת בנטונייט רטוב (סמן √)	גראוט/מלט 15 ס"מ עליונים (סמן √)	בדיקת פרמבליות בדוק באמצעות משאבה +מד וואקום (סמן √)	תיאור חתך הקרקע	עומק הגשש בפועל (מטר)	שעת סיום התקנה
SG60	8.3	✓	✓	✓	✓	✓	חרסית-חולית	10.00	10.00
SG91	0.1	✓	✓	✓	✓	✓	חרסית-חולית	10.00	10:45
SG26	0.0	✓	✓	✓	✓	✓	חרסית-חולית	10.00	11:25
SG70	2.0	✓	✓	✓	✓	✓	חרסית-חולית	10.0	12:30
SG25	0.1	✓	✓	✓	✓	✓	חרסית-כוצות-כסף חולית	9.0	14:00

נא לסמן את סוג הצנרת שהותקנה בקרקע: , צינורית טפלון: ☑ ,probe tip: ☑ , 6" implant: ☐ , 12" implant: ☐ צינורית ניאופלם: ☐

נא לסמן ביצוע בלנק ניקוי ציוד לשימוש חוזר (במידה וניתנות הנחיות ע"י המשרד להגנת הסביבה): ☐ ביצע, ☐ לא ביצע

אקולוג הנדסה בע"מ

נספח 3 – טופס שדה להתקנת בארות גז קרקע (חב' KTE)

KTE Co. Dr. G. Katz- Technologies & Enterprises	**טפסים** **מעבדה 395**
טופס מס': KTE –F – I – SG	טופס: התקנת צנרת לדיגום גז קרקע אקטיבי לבארות קבועים
מהדורה מס': 01	
תקף מתאריך: 29/8/2019	מחליף את:
עמוד 1 מתוך 2	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

דוגם מוסמך
מעבדה 395

התקנת צנרת לדיגום גז קרקע אקטיבי לבארות קבועים

נתונים כלליים:

הארגון הדוגם: ד"ר כ"ץ טכנולוגיות

מס הסמכה: 395

אינטום הקדח בעת ההתקנה

שם הלקוח: אקולוג הנדסה בע"מ

כתובת האתר: תל הקומר

שם איש קשר: [illegible]

מס' סקר: 80 790 275

תאריך ההתקנה: 31/12/19

שם המתקין: [illegible]

חתימת מתקין: [illegible]

מספר קדח	קריאת- PID מספר ה-PID: T-114310	חול קוורץ נקי (סמן √)	בנטונייט גרנולרי יבש (סמן √)	אבקת בנטונייט רטוב (סמן √)	בראוט/מלט 15 ס"מ עליונים (סמן √)	בדיקת פרמבליות בדוק באמצעות משאבה +מד וואקום (סמן √)	תיאור חתך הקרקע	עומק הנשש בפועל (מטר)	שעת סיום התקנה
SG64	0.3	✓	✓	✓	✓	✓	חרסית-חילית	7.5	11:10
SG33	0.1	✓	✓	✓	✓	✓	חרסית-חולית	10.0	12:00
SG80	0.0	✓	✓	✓	✓	✓	חרסית-חולית	10.0	12:45
SG00	0.5	✓	✓	✓	✓	✓	חרסית-חולית	10.0	13:30
SG59	0.3	✓	✓	✓	✓	✓	חולית-יבש	10.0	14:20
			✓	✓	✓	✓	חולית-יבש	10	~~14:45~~

נא לסמן את סוג הצנרת שהותקנה בקרקע: , צינורית טפלון: ☑ ,probe tip: ☑ ,6" implant: ☐ ,12" implant: ☐ צינורית ניאופלם: ☐

נא לסמן ביצוע בלנק ניקוי ציוד לשימוש חוזר (במידה וניתנות הנחיות ע"י המשרד להגנת הסביבה): ☐ ביצע, ☐ לא ביצע

אקולוג הנדסה בע"מ

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

ספסים **מעבדה 395**	**KTE Co.** **Dr. G. Katz- Technologies & Enterprises**
טופס: התקנת צנרת לדיגום גז קרקע אקטיבי לבארות קבועים	טופס מס': KTE – F – I – SG מהדורה מס': 01
נכתב ע"י: אייל שוורץ · חתימה:	תקף מתאריך: 29/8/2019 · מחליף את:
אשר ע"י: ד"ר גיל כץ, מנכ"ל · חתימה:	עמוד 1 מתוך 1

דוגם מוסמך 395 מעבדה

התקנת צנרת לדיגום גז קרקע אקטיבי לבארות קבועים

נתונים כלליים:
הארגון הדוגם: ד"ר כ"ץ טכנולוגיות
מס' הסמכה: 395
איתור הקדח בעת ההתקנה

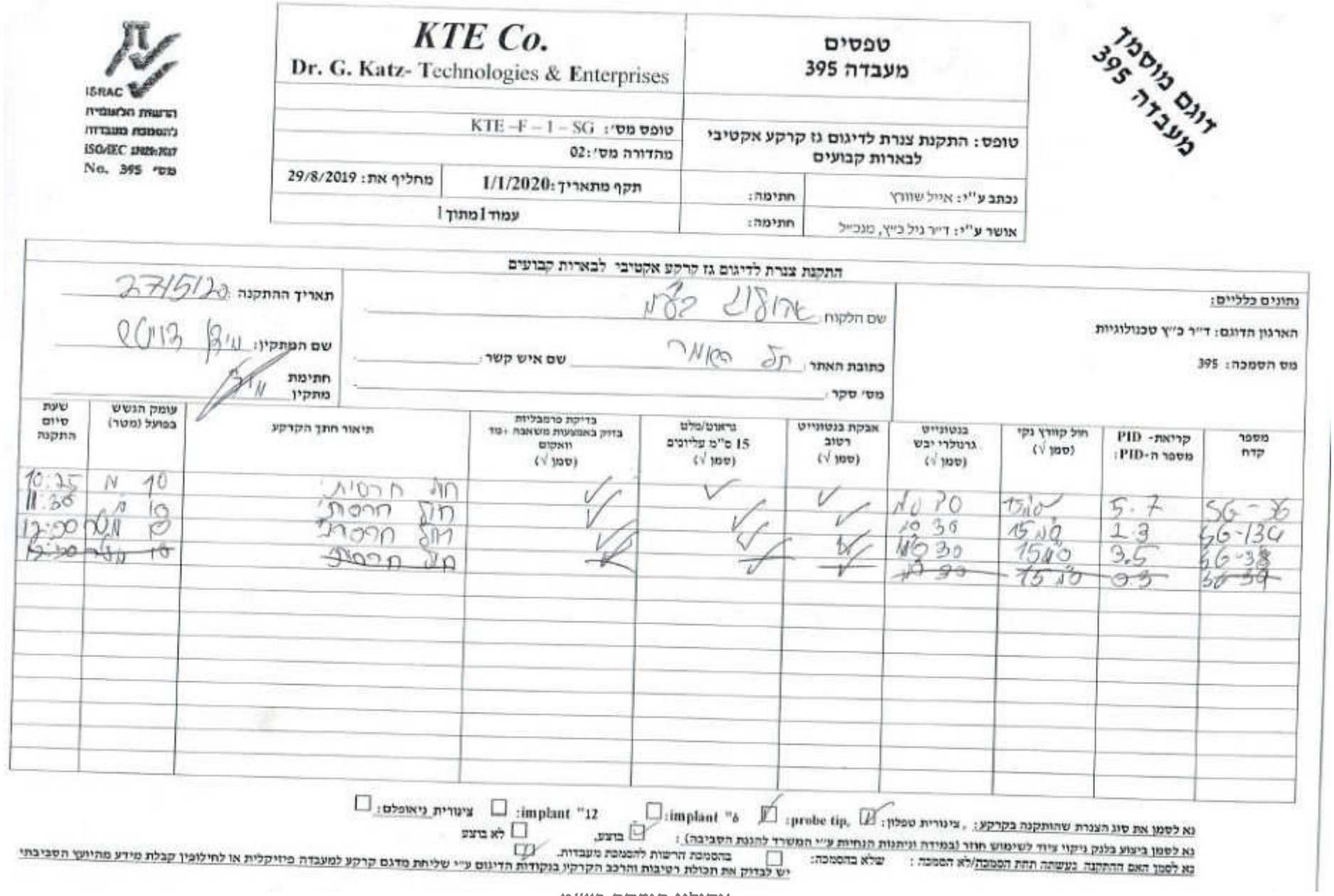
שם הלקוח: אקולוג רסלה
כתובת האתר: חל השמרון · שם איש קשר:
מס' סקר: PO110225

תאריך ההתקנה: 25.11.20
שם המתקין: [illegible] כהן
חתימת מתקין:

מספר קדח	קריאת PID: מספר ה-PID: T-114310	חול קוורץ נקי (סמן √)	בנטונייט גרנולרי יבש (סמן √)	אבקת בנטונייט רטוב (סמן √)	גראוט/בטון 15 ס"מ עליונים (סמן √)	בדיקת מרכבת (כיסוי באמצעות מעטפה + מד הקוקום) (סמן √)	תיאור חתך הקרקע	עומק הגשש בפועל (מטר)	שעת סיום התקנה
SG 29	0.3	150-157	300	√	√	√	חול חמרתי	10	10:00
SG 40	0.3	15 ס"מ	30 ס"מ	√	√	√	חול חמרתי	10	11:00
SG 28	0.3	20 ס"מ	30 ס"מ	√	√	√	חול חמרתי	10	12:00
SG 27	0.0	20 ס"מ	30 ס"מ	√	√	√	חול חמרתי	10	13:00
SG 41	0.3	15-10	30 ס"מ	√	√	√	חול חמרתי	10	14:00

נא לסמן את סוג הצנרת שהותקנה בקרקע: צינורית טפלון: ☑, probe tip: ☐, 6" implant: ☐, 12" implant: ☐, צינורית ניאופלם: ☐
נא לסמן ביצוע בלונק ניקוי ציוד לשימוש חוזר (בנוסף להנחיות הנוהל ע"י המשרד להגנת הסביבה): בוצע ☐, לא בוצע ☐
נא לסמן האם ההתקנה נעשתה תחת הסמכה/לא הסמכה: שלא בהסמכה: ☑ בהסמכת הרשות להסמכת מעבדות ☑
יש לצרף את תכולת רטיבות הרכב הקרקע בנקודות הדיגום ע"י שליחת מדגם קרקע למעבדה גיאוטכנית או לחילופין קבלת מידע מהיועץ הסביבתי

נספח 3 – טופס שדה להתקנת בארות גז קרקע (חב' KTE)



דוגם מוסמך
מעבדה 395

ISRAC
הרשות הלאומית
להסמכת מעבדות
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No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises	**טפסים** **מעבדה 395**
טופס מס': KTE –F – 1 – SG מהדורה מס': 02	**טופס: התקנת צנרת לדיגום גז קרקע אקטיבי לבארות קבועים**
מחליף את: 29/8/2019 — תקף מתאריך: 1/1/2020	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 1 מתוך 1	אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל — חתימה:

התקנת צנרת לדיגום גז קרקע אקטיבי לבארות קבועים

נתונים כלליים:
הארגון הדוגם: ד"ר כ"ץ טכנולוגיות
מס הסמכה: 395

שם הלקוח: אדולוג בע"מ
כתובת האתר: תל הסומר
שם איש קשר:
מס' סקר:

תאריך ההתקנה: 27/5/20
שם המתקין: [illegible]
חתימת מתקין: [illegible]

מספר קדח	קריאת- PID מספר ה-PID:	חול קוורץ נקי (סמן √)	בנטונייט גרנולרי יבש (סמן √)	אבקת בנטונייט רטוב (סמן √)	גראוט/מלט 15 ס"מ עליונים (סמן √)	בדיקת פרמבליות בדוק באמצעות משאבה +מד וואקום (סמן √)	תיאור חתך הקרקע	עומק הנשש בפועל (מטר)	שעת סיום התקנה
SG-36	5.7	15 ס"מ	20 ס"מ	✓	✓	✓	חול חרסית	10 מ	10:25
SG-134	1.3	15 ס"מ	30 ס"מ	✓	✓	✓	חול חרסית	10 מ	11:30
SG-38	3.5	15 ס"מ	30 ס"מ	✓	✓	✓	חול חרסית	10 מ	12:00
~~SG-39~~	~~0.3~~	~~15 ס"מ~~	~~30 ס"מ~~	✓	✓	✓	~~חול חרסית~~	~~10 מ~~	~~12:30~~

נא לסמן את סוג הצנרת שהותקנה בקרקע: , צינורית טפלון: ☑ probe tip, ☑ implant "6: ☐ implant "12: ☐ צינורית ניאופלם: ☐

נא לסמן ביצוע בלנק ניקוי ציוד לשימוש חוזר (במידה וניתנות הנחיות ע"י המשרד להגנת הסביבה): ☑ בוצע, ☐ לא בוצע

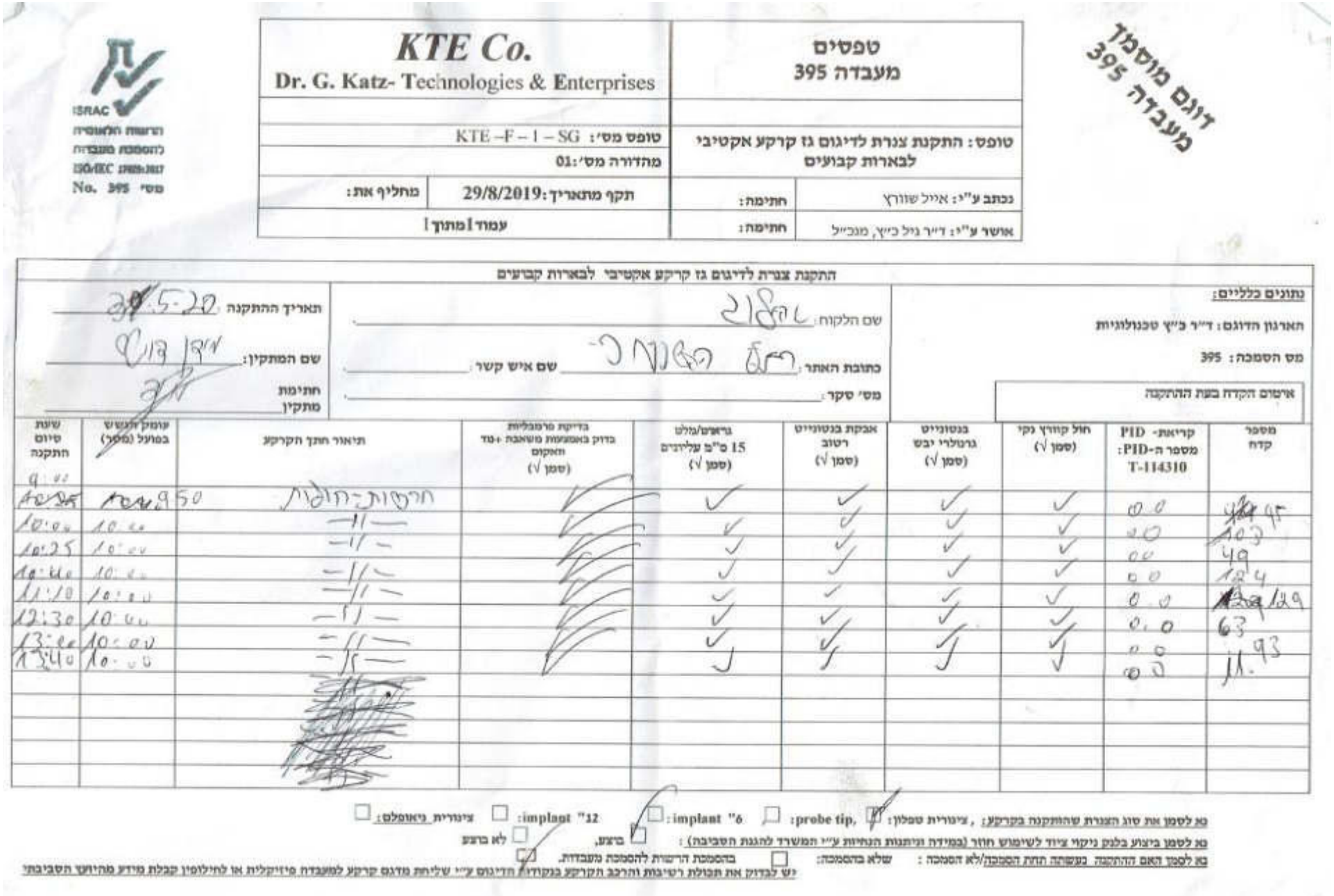
נא לסמן האם ההתקנה נעשתה תחת הסמכה/לא הסמכה: שלא בהסמכה: ☐ בהסמכת הרשות להסמכת מעבדות. ☑

יש לבדוק את תכולת רטיבות והרכב הקרקיו בנקודות הדיגום ע"י שליחת מדגם קרקע למעבדה פיזיקלית או לחילופין קבלת מידע מהיועץ הסביבתי

אקולוג הנדסה בע"מ

נספח 3 – טופס שדה להתקנת בארות גז קרקע (חב' KTE)

KTE Co. Dr. G. Katz- Technologies & Enterprises	**טפסים** **מעבדה 395**
טופס מס': KTE –F – 1 – SG	**טופס: התקנת צנרת לדיגום גז קרקע אקטיבי לבארות קבועים**
מהדורה מס': 01	
תקף מתאריך: 29/8/2019	מחליף את:
עמוד 1 מתוך 1	



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הרשות הלאומית
להסמכת מעבדות
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No. 395 מס'

דוגם מוסמך
מעבדה 395

התקנת צנרת לדיגום גז קרקע אקטיבי לבארות קבועים

נתונים כלליים:

תאריך ההתקנה: 30.5.20

שם הלקוח: [illegible]

שם המתקין: [illegible]

כתובת האתר: [illegible] שם איש קשר:

חתימת מתקין:

מס' סקר:

ארטום הקדח בעת ההתקנה

מספר קדח	קריאת- PID מספר ה-PID: T-114310	חול קוורץ נקי (סמן √)	בנטונייט גרנולרי יבש (סמן √)	אבקת בנטונייט רטוב (סמן √)	גרואים/מלט 15 ס"מ עליונים (סמן √)	בדיקת פרמבליות בדוק באמצעות משאבה +נוד תאקום (סמן √)	תיאור חתך הקרקע	עומק הנשש בפועל (מסר)	שעת סיום התקנה
9:00									
~~10:25~~	0.0	✓	✓	✓	✓	✓	חרשות-חלות	950	~~10:25~~
10:00	0.0	✓	✓	✓	✓	✓	—//—	10:00	10:00
10:25	0.0	✓	✓	✓	✓	✓	—//—	10:00	10:25
10:40	0.0	✓	✓	✓	✓	✓	—//—	10:00	10:40
11:10	0.0	✓	✓	✓	✓	✓	—//—	10:00	11:10
12:30	0.0	✓	✓	✓	✓	✓	—//—	10:00	12:30
13:00	0.0	✓	✓	✓	✓	✓	—//—	10:00	13:00
13:40	0.0	✓	✓	✓	✓	✓	—//—	10:00	13:40

נא לסמן את סוג הצנרת שהותקנה בקרקע: , צינורית טפלון: ☑ probe tip, ☐ implant "6 ☐ implant "12 ☐ צינורית ניאופלם: ☐

נא לסמן ביצוע בלנק ניקוי ציוד לשימוש חוזר (במידה וניתנות הנחיות ע"י המשרד להגנת הסביבה): ☐ ביצע, ☐ לא ביצע

נא לסמן האם ההתקנה בעשתה תחת הסמכה/לא הסמכה: שלא בהסמכה: ☐ בהסמכת הרשות להסמכת מעבדות. ☑

יש לבדוק את תכולת רטיבות והרכב הקרקע בנקודות הדיגום ע"י שליחת מדגם קרקע למעבדה פיזיקלית או לחילופין קבלת מידע מהיועץ הסביבתי

אקולוג הנדסה בע"מ

נספח 3 – טופס שדה להתקנת בארות גז קרקע (חב' KTE)

KTE Co. Dr. G. Katz- Technologies & Enterprises	**טפסים** **מעבדה 395**
טופס מס': KTE –F – 1 – SG	**טופס: התקנת צנרת לדיגום גז קרקע אקטיבי לבארות קבועים**
מהדורה מס': 01	
תקף מתאריך: 29/8/2019	מחליף את:
עמוד 1 מתוך 1	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC מס' 395
No. 395

דוגם מוסמך מעבדה 395

התקנת צנרת לדיגום גז קרקע אקטיבי לבארות קבועים

נתונים כלליים:

תאריך ההתקנה: 7-6

שם הלקוח: תל הרמוני - אקולוג

שם המתקין: מיק / דוגם

כתובת האתר: תל הרמוני

שם איש קשר:

חתימת מתקין: [illegible]

מס' סקר:

תארגון הדוגם: ד"ר כ"ץ טכנולוגיות

מס הסמכה: 395

ארטום הקדח בעת ההתקנה

שעת סיום התקנה	עומק הגשש בפועל (מטר)	תיאור חתך הקרקע	בדיקת פרמבליות בדוק באמצעות משאבה +מד וואקום (סמן √)	גרגרים/מלט 15 ס"מ עליונים (סמן √)	אבקת בנטונייט רטוב (סמן √)	בנטונייט גרנולרי יבש (סמן √)	חול קוורץ נקי (סמן √)	קריאת- PID מספר ה-PID: T-114310	מספר קדח
8:30	10:00	חול חרסיתי	✓	✓	✓	✓	✓	0.0	94
9:30	10	חול חרסיתי	✓	✓	✓	✓	✓	0.6	50
10:00	10	חול חרסיתי	✓	✓	✓	✓	✓	0.0	~~10~~ 72
11:00	10	חול חרסיתי	✓	✓	✓	✓	✓	0.0	~~15~~
11:30	10	חול חרסיתי	✓	✓	✓	✓	✓	0.0	39

נא לסמן את סוג הצנרת שהותקנה בקרקע: , צינורית טפלון: ☑ probe tip, ☐ 6" implant: ☐ 12" implant: ☐ צינורית ניאופלם:

נא לסמן ביצוע בלנק ניקוי ציוד לשימוש חוזר (במידה וניתנות הנחיות ע"י המשרד להגנת הסביבה): ☑ בוצע, ☐ לא בוצע

נא לסמן האם ההתקנה נעשתה תחת הסמכה/לא הסמכה: שלא בהסמכה: ☐ בהסמכת הרשות להסמכת מעבדות. ☒

יש לבדוק את תכולת רטיבות והרכב הקרקע בנקודות הדיגום ע"י שליחת מדגם קרקע למעבדה פיזיקלית או לחילופין קבלת מידע מהיועץ הסביבתי

אקולוג הנדסה בע"מ

נספח 3 –

טפסי שדה ומשמורת לדיגום גז קרקע (חב' פוליגון)

פוליגון מעבדה מוסמכת לדיגום קרקע וגז קרקע ISO/IEC 17025: 2017			לוגו/שם הלקוח / טפסים
טופס מס': pol -F 37			שם הטופס: שרשרת משמורת לדיגום גז קרקע אקטיבי
מהדורה מס': 03			
תקף מתאריך: 07.07.2019	מחליף את: 04.02.2019	חתימה:	נכתב ע"י: זהר גל
עמוד 1 מתוך 2		חתימה:	אושר ע"י: זהר גל

שרשרת משמורת לדיגום גז קרקע אקטיבי – דף ___ מתוך ___

נתונים כלליים:
הארגון הדוגם: פוליגון
מס הסמכה: 451
סוג מכשיר PID – ייצרן GER, מס' סידורי T-109102
תקף בשימוש: מנורה מסוג: 10.6/ 11.7
שם הדוגם: ________ חתימת הדוגם ________

שם הפרויקט: ___ שם היועץ והחברה מבצע הסקר: ___
זיהוי וכתובת אתר הדיגום: ___ ציין תאריך התקנה 19/4/2020 ציין ע"י מי בוצע התקנת הבארות: ___
תאריך הדיגום: 20/4/2020 שם איש קשר: ___
מס' סקר חווה: ___ תעד את שם המעבדה האנליטית: ___
תעד: תאריך הספקת הקניסטרים מהמעבדה האנליטית: ___

מבחן שטיפה (Purge volume) / מבחן אטימות

Probes (sg) מיקום הפרוב	מס' קניסטר	שעת התחלה	שעת סיום	Depth (עומק מטר)	Vacuum (וואקום ב- (אינצ'/כספית) מ- עד- תעד (צריך לדווח 0-5 אינצ' כספית) בזמן הדיגום: לזמן התחלה	Vacuum: לזמן סוף	תעד לחץ סופי של הקניסטר בעת החזרה- במעבדה (וואקום ב- אינצ'/כספית	תעד לחץ התחלתי של הקניסטר בעת קבלה- במעבדה (וואקום ב- אינצ'/כספית	תעד שימוש במגלה דליפות IPA	תעד ספיקת המשאבה ml/min	Shut In Test לחץ (אינצ'/כספית) (mbar) התחלה	Shut In Test עד	משך זמן שאיבת השטיפה (דקות)	תעד את מס' נפחי השטיפה	בזמן השטיפה תעד את תת הלחץ (תת הלחץ לא יעלה מעל 5 - 7.5 אינצ'/כספית)	TO-15 1 ppbv
5g-7	4345	15:26	16:20	10	-20	-5	-30	-30	✓	150	12.7	12.7		5	0.0	✓
5g-12	5540	16:07	17.10	10.5	-30	-5	-30	-30	✓	145	250	250		5	0.0	✓

נא לסמן את הבקרות שנעשו: דוגמת חוזרת (Duplicate) ☑ בלאנק ציוד (חומרים) (Equipment Blank) ☑ בלאנק רקע (Air Blank) ☑ דוגמת פיצול (SLID) ☑

נמסר למעבדה: ע"י: ____ (חתימה) ____ תאריך: ____ שעה: ____ התקבל במעבדה: ע"י: ____ (חתימה) ____ תאריך: ____ שעה: ____

נא לסמן האם הדיגום נעשה: בהסמכה: ☑ לא בהסמכה: ☐ (הרשות הלאומית להסמכת מעבדות).

בקטוכם בע"מ
תאריך: 20/4/2020 שעה: 17:45
חתימה: ____

מגלם
וריז'יב

שמסים	פוליגון מעבדה מוסמכת לדיגום קרקע וגז קרקע ISO/IEC 17025: 2017	
שם הטופס: שרשרת משמורת לדיגום גז קרקע אקטיבי	טופס מס': pol -F 37	
	מהדורה מס': 03	
נכתב ע"י: זהר גל / חתימה:	תקף מתאריך: 07.07.2019	מחליף את: 04.02.2019
אושר ע"י: זהר גל / חתימה:	עמוד1מתוך2	

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 451 מס'

מעבדה מוסמכת · פוליגון · מס' הסמכה 451

ס' 3' | ! ם (...) ר'יז'יב

שרשרת משמורת לדיגום גז קרקע אקטיבי – דף 4 מתוך 4

נתונים כלליים:

הארגון הדוגם: פוליגון — דוגם מוסמך פוליגון

מס הסמכה: 451

סוג מכשיר PID – טייגר GER, מס' סידורי T-109102

הקף בעיגול: מנורה-מסוג: 10.6/ 11.7

שם הדוגם: גבר (...) חתימת הדוגם

שם הפרויקט: (...) 1023, שם היועץ והחברה מבצע הסקר: אהלון (יצחק שליימר)

זיהוי וכתובת אתר הדיגום: (...) בשור. ציין תאריך התקנה: ______ ציין ע"י מי בוצע התקנת הבארות: ר'יז'יב

תאריך הדיגום: 22/4/2020 שם איש קשר: יצחק שליימר

מס' סקר חוזה: (...)04/2020. תעד את שם המעבדה האנליטית: בקלרס

תעד: תאריך הספקת הקניסטרים מהמעבדה האנליטית: 21/4/2020

Probes (sg) מיקום הפרוב	מס' קניסטר	שעת התחלה	שעת סיום	Depth (עומק מטר)	Vacuum (וואקום ב- אינצ'/כספית) מ- עד- תעד (צריך להיות 0-5 אינצ'/כספית) בזמן הדיגום: לחץ התחלתי	לחץ סופי	תעד לחץ סופי של הקניסטר בעת החזרה- במעבדה (וואקום ב- אינצ'/כספית)	תעד לחץ התחלתי של הקניסטר בעת קבלה- במעבדה (וואקום ב- אינצ'/כספית)	מבחן שטיפה (Purge volume): תעד שימוש במגלה דליפות IPA	תעד ספיקת המשאבה ml/min	מבחן אטימות: Shut In Test לחץ (אינצ'/ כספית) התחלה	עד	משך זמן שאיבת השטיפה (דקות)	תעד את מס' נפחי השטיפה	בזמן השטיפה תעד את תת הלחץ (תת הלחץ לא יעלה מעל 5 - 7.5 אינצ'/כספית)	TO-15 1 ppbv
Sg-[illegible]	6836	08:40	15:32	9.8	-30	-5	-5	-30	✓	151	7.[illegible]	7.5	15.6	5	0.0	✓
AB	4594	10:26	15:30	~~9~~	-30	-5	-5	-30	[illegible]	157	~~309~~	[illegible]	15	5	0.0	✓
Sg-62	5198	07:57	15:17	9.25	-30	-5	-5	-30	✓	157	309	309	15	5	0.1	✓
Sg-62 (DUP)	4856	07:57	15:17	9.25	-30	-5	-5	-20	✓	157	309	309	15	5	0.0	✓
Sg-9	4614	11:36	16:24	10.5	-30	-1	-1	-30	✓	155	320	320	15	5	0.0	✓
Sg-71	6833	11:10	16:32	10.5	-30	-5	-5	-30	✓	150	300	300	15	5	0.0	✓
Sg-M8	4609	13:30	16:40	10.5	-30	-5	-5	-30	✓	145	255	255	15	5	0.0	✓

נא לסמן את הבקרות שנעשו: דוגמת חוזרת (Duplicate) ☑ בלאנק ציוד (חומרים) (Equipment Blank) ☐ בלאנק רקע (Air Blank) ☐ דוגמת פיצול (SLIT) ☐

מקורר בצידנית

נמסר למעבדה: ע"י: ______ (חתימה) תאריך: 22/4 שעה: 18:40

התקבל במעבדה: ע"י: זהר גל (חתימה) תאריך: 22/4/2020 שעה: 18:40

נא לסמן האם הדיגום נעשה: בהסמכה: ☑ לא בהסמכה: ☐ (הרשות הלאומית להסמכת מעבדות).

חתימה

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 451 מס'

פוליגון
מעבדה מוסמכת לדיגום קרקע וגז קרקע
ISO/IEC 17025: 2017

טפסים			
שם הטופס: שרשרת משמורת לדיגום גז קרקע אקטיבי		טופס מס': pol -F 37	
		מהדורה מס':03	
נכתב ע"י: זהר גל	חתימה:	תקף מתאריך: 07.07.2019	מחליף את: 04.02.2019
אושר ע"י: זהר גל	חתימה:	עמוד2מתוך2	

זיהוי וכתובת אתר הדיגום: תמ"ל דבר תל השומר תאריך 22/4/2020 . דף 2 מתוך 4 ., קוד זיהוי הפרויקט (תעודת ניקיון): _____ מס' פרויקט פוליגון: 036-20

תעד מס' שעון מד הוואקום	תעד תאריך תפוגת כיול מד הוואקום	תעד סוג מיכל הדיגום ונפח המיכל	תעד נפח המיכל	תעד PID בסיום הדיגום (דרך הצינורית ולאחר פירוק הקניסטר)	בקרות (תדירויות) נדרש לסקר גז קרקע- מינימום 10 קניסטרים	Probes (sg) מיקום הפרוב
~~8034-20 סעפת מס' (1)~~	~~06.04.2021~~	Summa knister	6 Liter	—	AB – כל יום דיגום EB- כל יום דיגום DUP- 1 לכל 20 קניסטרים/ או אחד לאתר (וודא שאין פער בתוצאות מעל 40%) SPLIT- 1 לכל 20 קניסטרים או אחד לאתר (וודא שאין פער בתוצאות מעל 40%) (פיצול SPLIT–למעבדה ישראלית- נדרש רק כאשר מעבדה אנליטית מחו"ל – הינה המעבדה הראשית	AB
8034-20 סעפת מס' (1)	06.04.2021	Summa knister	6 Liter	21.6		sg-127
8034-20 סעפת מס' (2)	06.04.2021	Summa knister	6 Liter	18.7		sg-62+DUP
8034-20 סעפת מס' (3)	06.04.2021	Summa knister	6 Liter	5.4		sg-9
8034-20 סעפת מס' (4)	06.04.2021	Summa knister	6 Liter	0.8		sg-71
8034-20 סעפת מס' (5)	06.04.2021	Summa knister	6 Liter	1.95		H4081
8034-20 סעפת מס' (6)	06.04.2021	Summa knister	6 Liter	0.55		sg-~~5189~~ 101

שעת כיול מכשיר PID	סוג הכיול	תוצאת הכיול (PPM)	תאריך ביצוע כיול:
15:00	כיול באויר	0.0	שם מבצע הכיול: זהר גל
15:00	כיול באמצעות גז	96.5	חתימת מבצע הכיול:

סוג מכשיר PID– טייגר GER, מס' סידורי T-109102 מנורה מסוג: 10.6/ 11.7

תאריך תפוגת כיול PID: 25/12/2020 . תאריך תפוגת כיול משאבת דיגום גז: 28/11/2020 . מס' משאבה: 49056-1

שימוש ב- IPA- התז על נייר מגבת ולפף על כל רכבת הדיגום, מחברים, , חיבורים, ווסתים וגם על בור הקידוח, סגור בניילון סטרץ'

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הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 451 מס'

פוליגון
מעבדה מוסמכת לדיגום קרקע וגז קרקע
ISO/IEC 17025:2017

טפסים	
שם הטופס: שרשרת משמורת לדיגום גז קרקע אקטיבי	טופס מס': pol -F 37
	מהדורה מס': 03
נכתב ע"י: זהר גל / חתימה:	תקף מתאריך: 07.07.2019 / מחליף את: 04.02.2019
אישר ע"י: זהר גל / חתימה:	עמוד 1 מתוך 2

מקלם
ורידים

שרשרת משמורת לדיגום גז קרקע אקטיבי –

דף 3 מתוך 4

נתונים כלליים:
הארגון הדוגם: פוליגון
מס הסמכה: 451
סוג מכשיר PID – טייגר GER, מס' סידורי T-109102
הקף בעיגול: מנורה מסוג: 10.6/ 11.7
שם הדוגם: זהר גל חתימת הדוגם

דוגם מוסמך פוליגון

שם הפרויקט: [illegible] שם היועץ והחברה מבצע הסקר: אקלוג (יצחק שלכיימר)
זיהוי וכתובת אתר הדיגום: [illegible] ציין תאריך התקנה: — ציין ע"י מי בוצע התקנת הבארות: ורידים
תאריך הדיגום: 22/4/2020 שם איש קשר: יצחק שלכיימר
מס' סקר חוזה: 120042020 . תעד את שם המעבדה האנליטית: [illegible]
תעד: תאריך הספקת הקניסטרים מהמעבדה האנליטית: 21/4/2020
מבחן שטיפה (Purge volume) מבחן אטימות

Probes (sg) מיקום הפרוב	מס' קניסטר	שעת התחלה	שעת סיום	Depth (עומק מטר)	Vacuum (וואקום ב- (אינצ'/כספית) מ- עד- תעד (צריך להיות 0-5 אינצ'/כספית בזמן הדיגום: לחץ התחלתי	לחץ סופי	תעד לחץ סופי של הקניסטר בעת החזרה- במעבדה (וואקום ב- אינצ'/כספית	תעד לחץ התחלתי של הקניסטר בעת קבלה- במעבדה (וואקום ב- אינצ'/כספית	תעד שימוש במגלה דליפות IPA	תעד ספיקת המשאבה ml/min	Shut In Test לחץ (אינץ/ כספית) התחלה	עד	משך זמן שאיבת השטיפה (דקות)	תעד את מס' נפחי השטיפה	בזמן השטיפה תעד את תת הלחץ (תת הלחץ לא יעלה מעל 5 - 7.5 אינצ'/כספית)	TO- 15 1 ppbv
Sg-101	5189	14:06	16:20	10.5	-30	-2	-2	-30	✓	145	7.5	7.5	15	5	0.0	✓
Sg-122	1914	10:39	16:07	10.5	-30	-5	-5	-30	✓	150	261	261	15	5	0.0	✓
Sg-126	5193	08:58	16:00	9.7	-30	-5	-5	-30	✓	152	255	255	15	5	0.1	✓
Sg-34	45968	12:23	15:21	10.5	-30	-4	-4	-30	✓	155	250	250	15	5	0.0	✓
Sg-128	5541	09:55	15:45	9.7	-30	-5	-5	-30	✓	155	270	270	15	5	0.0	✓
Sg-8	4844	09:33	15:38	9.8	-30	-1	-1	-30	✓	155	250	250	15	5	0.0	✓

נא לסמן את הבקרות שנעשו: דוגמת כפיל (Duplicate): ☐ בלאנק ציוד (חומרים) (Equipment Blank): ☐ בלאנק רקע (Air Blank) ☐ דוגמת פיצול (SLIT) ☐

נמסר למעבדה: ע"י: תאריך: 21/4/2020 (חתימה) תאריך: 21/4/2020 שעה: התקבל במעבדה: ע"י: זהר גל (חתימה) תאריך: 21/4/2020 שעה:

נא לסמן האם הדיגום נעשה: בהסמכה: ☑ לא בהסמכה: ☐ (הרשות הלאומית להסמכת מעבדות).

מוסמכת • פוליגון • מס' 451 • הרשות הלאומית • מס' 451 • פוליגון • מוסמכת

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 451 מס'

פוליגון
מעבדה מוסמכת לדיגום קרקע וגז קרקע
ISO/IEC 17025: 2017

טפסים			
שם הטופס: שרשרת משמורת לדיגום גז קרקע אקטיבי		טופס מס': pol -F 37	
		מהדורה מס':03	
נכתב ע"י: זהר גל	חתימה:	תקף מתאריך: 07.07.2019	מחליף את: 04.02.2019
אושר ע"י: זהר גל	חתימה:	עמוד2מתוך2	

זיהוי וכתובת אתר הדיגום: [illegible] תאריך: 22/4/2020 . דף 4 מתוך 4 ., קוד זיהוי הפרויקט (תעודת ניקיון):_____ מס' פרויקט פוליגון:_____

תעד מס' שעון מד הוואקום	תעד תאריך תפוגת כיול מד הוואקום	תעד סוג מיכל הדיגום ונפח המיכל	תעד נפח המיכל	תעד PID בסיום הדיגום (דרך הצינורית ולאחר פירוק הקניסטר)	בקרות (תדירויות) נדרש לסקר גז קרקע- מינימום 10 קניסטרים	Probes (sg) מיקום הפרוב
8034-20 סעפת מס' (7)	06.04.2021	Summa knister	6 Liter	8.7	AB – כל יום דיגום EB- כל יום דיגום DUP- 1 לכל 20 קניסטרים/ או אחד לאתר (וודא שאין פער בתוצאות מעל 40%) SPLIT- 1 לכל 20 קניסטרים או אחד לאתר (וודא שאין פער בתוצאות מעל 40%) (פיצול SPLIT–למעבדה ישראלית- נדרש רק כאשר מעבדה אנליטית מחו"ל – הינה המעבדה הראשית	Sg-122
8034-20 סעפת מס' (8)	06.04.2021	Summa knister	6 Liter	8.1		Sg-126
8034-20 סעפת מס' (9)	06.04.2021	Summa knister	6 Liter	1.7		Sg-34
8034-20 סעפת מס' (10)	06.04.2021	Summa knister	6 Liter	2.8		Sg-128
8034-20 סעפת מס' (11)	06.04.2021	Summa knister	6 Liter	33		Sg-8
~~8034-20 סעפת מס' (12)~~	~~06.04.2021~~	~~Summa knister~~	~~6 Liter~~			
~~8034-20 סעפת מס' ( )~~	~~06.04.2021~~	~~Summa knister~~	~~6 Liter~~			

שעת כיול מכשיר PID	סוג הכיול	תוצאת הכיול (PPM)	תאריך ביצוע כיול:
	כיול באויר		שם מבצע הכיול:
	כיול באמצעות גז		חתימת מבצע הכיול:

סוג מכשיר PID– טייגר GER, מס' סידורי T-109102 מנורה מסוג: 10.6/ 11.7

תאריך תפוגת כיול PID:_____ . תאריך תפוגת כיול משאבת דיגום גז:_____ . מס' משאבה:_____

שימוש ב- IPA- התז על נייר מגבת ולפף על כל רכבת הדיגום, מחברים, , חיבורים, ווסתים וגם על בור הקידוח, סגור בניילון סטרץ'

נספח 3 –

טפסי שדה ומשמורת לדיגום גז קרקע (חב' KTE)

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
מס' 395 No.

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F-2-SG		טופס: שרשרת משמורת לדיגום גז קרקע	
מהדורה מס': 02			
תקף מתאריך: 1/1/2020	מחליף את: 29/8/2019	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 1 מתוך 1		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

דוגם מוסמך
מעבדה 395

שרשרת משמורת לדיגום גז קרקע אקטיבי –

דף 1 מתוך

נתונים כלליים:
הארגון הדוגם: ד"ר כ"ץ טכנולוגיות
מס הסמכה: 395
שם הדוגם: עוז
חתימת הדוגם

זיהוי וכתובת אתר הדיגום: [illegible]. תאריך תפוגת כיול מכשיר הביו גז: 27/12/21
מס' מכשיר PID: T-114310, תאריך תפוגת כיול PID: 12/2019 מס' מכשיר ביוגז: ARMC-0184
תאריך הדיגום: 25/5/20 שם איש קשר:
מס' סקר חוזה: PO 196275
שינויים והערות:

Probes מיקום הפרוב	מס' קניסטר	מס' מד ואקום	עומק מטר	בדיקת פרמבליות (לחץ יציב)	Shut In Test לחץ (איבד/ כספית) מ- עד-	ספיקת המשאבה ml/min	משך זמן שאיבת השטיפה (דקות)	בדיקת IPA	שעת התחלה	ואקום in/hg בהתחלה	שעת סיום	ואקום in/hg בסיום	קריאת PID (בסיום הדיגום)	TO- 15 1 ppbv
SG-138	1500946	OA00247	10.0	0.0	7.5-7.5	200	25	V	11:55	20	12:10	4	0.0	
SG-91	1500219	OA00737	10.0	0.0	7.5-7.4	200	25	V	13:52	30	13:52	4	0.0	

נא לסמן את הבקרות שנעשו: דוגמת חזרה (Duplicate): ☐ בלאנק ציוד (חומרים) (Equipment Blank): ☐ בלאנק רקע (Air Blank) ☐ ספליט ☐

נמסר למעבדה: ע"י: _____ (חתימה) _____ תאריך: _____ שעה: _____ התקבל במעבדה: ע"י: _____ (חתימה) _____ תאריך: _____ שעה: _____

נא לסמן האם הדיגום נעשה: בהסמכה: ☐ לא בהסמכה: ☐ (הרשות הלאומית להסמכת מעבדות). טמפרטורה באתר(C°): _____ לחות באתר(%): _____ לחץ ברומטרי(hpa): _____

- **מעל לחץ ברומטרי של 1025 Hpa** –אין לבצע דיגום. רק לאחר שבוצעו 50% מהדיגומים באותו היום בצע בלנק תומרים.

שעת כיול מכשיר PID	סוג הכיול	תוצאת הכיול (PPM)	תאריך ביצוע כיול:
8:30	כיול באויר	0.0	שם מבצע הכיול: עוז
8:30	כיול באמצעות גז	98.5	חתימת מבצע הכיול:

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F-2-SG		
מהדורה מס': 02		טופס: שרשרת משמורת לדיגום גז קרקע
תקף מתאריך: 1/1/2020	מחליף את: 29/8/2019	
עמוד 1 מתוך 1		נכתב ע"י: אייל שוורץ — חתימה:
		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך מעבדה 395

שרשרת משמורת לדיגום גז קרקע אקטיבי –

דף 1 מתוך 1

נתונים כלליים:
הארגון הדוגם: ד"ר כ"ץ טכנולוגיות
מס הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם: [illegible]

זיהוי וכתובת אתר הדיגום: [illegible] תאריך תפוגת כיול מכשיר הביו גז: 27/4/20
מס' מכשיר PID: T-114310, תאריך תפוגת כיול PID: 12/2019
מס' מכשיר ביוגז: ARMC-0184
תאריך הדיגום: 26/5/20 שם איש קשר: _____
מס' סקר תוזה: _____
שינויים והערות: _____

Probes מיקום הפרוב	מס' קניסטר	מס' מד ואקום	עומק מטר	בדיקת פרמבליות (לחץ יציב)	Shut In Test לחץ (איטי/ כספית) מ- עד-	ספיקת המשאבה ml/min	משך זמן שאיבת השטיפה (דקות)	בדיקת IPA	שעת התחלה	וואקום in/hg בהתחלה	שעת סיום	וואקום in/hg בסיום	קריאת PID (בסיום הדיגום)	TO- 15 1 ppbv
SG-12	155 00145	OAO 0878	10.0	0.0	7.5-7.4	200	20	✓	09:28	30	09:38	4	0.4	✓
SG-5	155 01225	OAO 1135	10.0	0.0	7.5-7.4	200	20	✓	10:22	30	10:33	4	0.3	✓
SG 13	155 01228	OAO 0033	10.0	0.0	7.5-7.3	200	20	✓	11:11	30	11:21	3	0.0	✓
SG 55	155 00299	OAO 0832	10.0	0.0	7.5-7.5	200	20	✓	11:57	30	12:09	4	0.3	✓
SG 52	155 00176	OAO 1402	12.0	0.0	7.5-7.5	200	15	✓	13:17	30	13:27	4	0.2	✓
SG 75	155 00136	OAO 0140	12.0	0.0	7.5-7.5	200	15	✓	13:56	30	14:07	4	0.3	✓
SG 18	155 00857	OAO 0627	12.0	0.0	7.5-7.2	200	15	✓	14:49	30	15:02	3	0.2	✓

☐ ספליט ☐ בלאנק רקע (Air Blank) ☐ בלאנק ציוד (חומרים) (Equipment Blank): ☐ דוגמת חזרה (Duplicate): **נא לסמן את הבקרות שנעשו:**

נמסר למעבדה ע"י: _____ (חתימה) _____ תאריך: 27/5/20 שעה: 7:00 התקבל במעבדה ע"י: _____ (חתימה) _____ תאריך: _____ שעה: _____

נא לסמן האם הדיגום נעשה: בהסמכה: ☑ לא בהסמכה: ☐ (הרשות הלאומית להסמכת מעבדות). טמפרטורה באתר(°C): _____ לחות באתר(%): _____ לחץ ברומטרי(hpa): _____

- **מעל לחץ ברומטרי של Hpa 1025** –אין לבצע דיגום. רק לאחר שבוצעו 50% מהדיגומים באותו היום בצע בלנק חומרים.

שעת כיול מכשיר PID	סוג הכיול	תוצאת הכיול (PPM)	שם מבצע הכיול:	תאריך ביצוע כיול:
8:30	כיול באויר	0.0		
8:30	כיול באמצעות גז	99.4	חתימת מבצע הכיול:	

דוגם מוסמך מעבדה 395

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F-2-SG			
מהדורה מס': 01		טופס: שרשרת משמורת לדיגום גז קרקע	
תקף מתאריך: 29/8/2019	מחליף את:	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 1 מתוך 1		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

שרשרת משמורת לדיגום גז קרקע אקטיבי –

דף ____ מתוך ____

נתונים כלליים:
הארגון הדוגם: ד"ר כ"ץ טכנולוגיות
מס הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם

זיהוי וכתובת אתר הדיגום: Ecdag, TSR [illegible] . תאריך תפוגת כיול מכשיר הביו גז: _____
מס' מכשיר PID: T-114310, תאריך תפוגת כיול PID: 12/2019 מס' מכשיר ביוגז: ARMC-0184
תאריך הדיגום: 26/05/20 שם איש קשר: [illegible]
מס' סקר חוזה: _____
שינויים והערות: _____

TO- 15 1 ppbv	קריאת PID (בסיום הדיגום)	וואקום in/hg בסיום	שעת סיום	וואקום in/hg בהתחלה	שעת התחלה	בדיקת IPA	משך זמן שאיבת השטיפה (דקות)	ספיקת המשאבה ml/min	Shut In Test לחץ (איבץ/ כספית) מ- עד-	בדיקת פרמבליות (לחץ יציב)	עומק מטר	מס' מד ואקום	מס' קניסטר	Probes מיקום הפרוב
V	0.7	4.0	10:14	28.0	10:00	V	12.0	250	7.4 7.5	0.1	10	OA01498	1SC00082	SG113
V	0.6	4.0	11:12	29.0	11:00	V	12.0	250	7.7 7.7	0.2	10	OA02193	1SC00076	SG108
V	0.6	4.0	12:01	30.0	11:45	V	13.0	250	9.2 - 9.3	0.1	10	OA01088	1SC00116	SG107
V	0.1	4.0	13:29	29.0	13:13	V	12.0	250	7.6 7.7	0.2	10	OA01257	1SC01139	SG-105
V	0.3	4.0	[illegible]	30.0	13:59	V	12.0	250	9.0 9.1	0.1	10	OA01245	1SC00753	SG-104
V		4.0	14:10	26.0	14:00			~~250~~	~~9.2 9.2~~	~~0.3~~	10	OA-0833	1SS00039	AH
V	0.2	4.0	14:59	30.0	14:44	V	14.0	250	9.2 9.2	0.3	10	OA01908	1SC01238	SG-97

☐ ספליט ☐ בלאנק רקע (Air Blank) ☐ בלאנק ציוד (חומרים) (Equipment Blank): ☐ דוגמת חזרה (Duplicate): **נא לסמן את הבקרות שנעשו:**

נמסר למעבדה: ע"י: _____ (חתימה) _____ תאריך: 27/5/20 שעה: 9:00 התקבל במעבדה: ע"י: _____ (חתימה) _____ תאריך: _____ שעה: _____

נא לסמן האם הדיגום נעשה: בהסמכה: ☒ לא בהסמכה: ☐ (הרשות הלאומית להסמכת מעבדות). טמפרטורה באתר(C°): _____ לחות באתר(%): _____ לחץ ברומטרי(hpa): _____

- **מעל לחץ ברומטרי של Hpa 1025** –אין לבצע דיגום. רק לאחר שבוצעו 50% מהדיגומים באותו היום בצע בלנק חומרים.

שעת כיול מכשיר PID	סוג הכיול	תוצאת הכיול (PPM)	תאריך ביצוע כיול:
9:30	כיול באויר	0.1	שם מבצע הכיול:
9:30	כיול באמצעות גז	97.2	חתימת מבצע הכיול:

דוגם מוסמך מעבדה 395

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F-2-SG		טופס: שרשרת משמורת לדיגום גז קרקע	
מהדורה מס': 01			
תקף מתאריך: 29/8/2019	מחליף את:	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 1 מתוך 1		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

שרשרת משמורת לדיגום גז קרקע אקטיבי –

דף 1 מתוך _____

נתונים כלליים:
הארגון הדוגם: ד"ר כ"ץ טכנולוגיות
מס הסמכה: 395
שם הדוגם: מירן כהן
חתימת הדוגם: _____

זיהוי וכתובת אתר הדיגום: תל דלית . תאריך תפוגת כיול מכשיר הביו גז: 27/4/20
מס' מכשיר PID: T-114310, תאריך תפוגת כיול PID: 12/2019 מס' מכשיר ביוגז: ARMC-0184
תאריך הדיגום: 31/5/20 שם איש קשר: _____
מס' סקר חוזה: _____
שינויים והערות: _____

Probes מיקום הפרוב	מס' קניסטר	מס' מד ואקום	עומק מטר	בדיקת פרמבליות (לחץ יציב)	Shut In Test לחץ (איכ' כספית) מ- עד-	ספיקת המשאבה ml/min	משך זמן שאיבת השטיפה (דקות)	בדיקת IPA	שעת התחלה	וואקום in/hg בהתחלה	שעת סיום	וואקום in/hg בסיום	קריאת PID (בסיום הדיגום)	TO- 15 1 ppbv
SG-106	1500417	OA0169	1.5	0.2	7.6 - 7.2	250	15	✓	9:50	30.0	10:07	4.0	0.2	
SG-109	1500363	OA0 1830	1.0	0.3	7.5-7.3	200	15	✓	10:40	30.0	10:52	3.0	0.3	
[illegible]	[illegible]													
SG-110	1500222	OA0 1441	1.0	0.1	7.5-7.4	200	15	✓	11:22	30.0	11:34	4.0	0.2	
SG-14	1500853	OA0 698	1.0	0.2	7.5-7.3	200	15	✓	12:11	29.0	12:21	4.0	0.1	
SG-98	1500934	OA0 750	1.0					✓	12:48	30.0	12:59	4.0	0.2	
[illegible]	[illegible]	[illegible]	1.0											
SG-99	1500502	OA0 1162	1.0	0.3	7.5-7.4	200	15	✓	13:38	30.0	13:49	3.0	0.5	

נא לסמן את הבקרות שנעשו: דוגמת חזרה (Duplicate): ☐ בלאנק ציוד (חומרים) (Equipment Blank): ☐ בלאנק רקע (Air Blank) ☐ ספליט ☐

נמסר למעבדה ע"י: _____ (חתימה) _____ תאריך: 31/5/20 שעה: 21:00 התקבל במעבדה ע"י: _____ (חתימה) _____ תאריך: _____ שעה: _____

נא לסמן האם הדיגום נעשה: בהסמכה: ☑ לא בהסמכה: ☐ (הרשות הלאומית להסמכת מעבדות). טמפרטורה באתר(°C): _____ לחות באתר(%): _____ לחץ ברומטרי(hpa): _____

- **מעל לחץ ברומטרי של 1025 Hpa** –אין לבצע דיגום. רק לאחר שבוצעו 50% מהדיגומים באותו היום בצע בלנק זוהרים.

שעת כיול מכשיר PID	סוג הכיול	תוצאת הכיול (PPM)	תאריך ביצוע כיול:
9:30	כיול באויר	0.0	שם מבצע הכיול: מירן כהן
9:30	כיול באמצעות גז	98.6	חתימת מבצע הכיול:

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F-2-SG		טופס: שרשרת משמורת לדיגום גז קרקע	
מהדורה מס': 01			
תקף מתאריך: 29/8/2019	מחליף את:	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 1 מתוך 1		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

דוגם מוסמך מעבדה 395

שרשרת משמורת לדיגום גז קרקע אקטיבי –

דף ____ מתוך ____

נתונים כלליים:
הארגון הדוגם: ד"ר כ"ץ טכנולוגיות
מס הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם: [signature]

זיהוי וכתובת אתר הדיגום: Ecolog, TSA. תאריך תפוגת כיול מכשיר הביו גז: ____
מס' מכשיר PID: T-114310, תאריך תפוגת כיול PID: 12/2019 מס' מכשיר ביוגז: ARMC-0184
תאריך הדיגום: 01.06.20 שם איש קשר: [illegible]
מס' סקר חוזה: ____
שינויים והערות: ____

TO- 15 1 ppbv	PID קריאת (בסיום הדיגום)	וואקום in/hg בסיום	שעת סיום	וואקום in/hg בהתחלה	שעת התחלה	בדיקת IPA	משך זמן שאיבת השטיפה (דקות)	ספיקת המשאבה ml/min	Shut In Test לחץ (איטי/ כספית) מ- עד-	בדיקת פרמבליות (לחץ יציב)	עומק מטר	מס' מד ואקום	מס' קניסטר	Probes מיקום הפרוב
✓	0.0	-4.0	12:05	-29.0	10:50	✓	15	250	8.1 8.1	0.1	10.0	0A00778	1SC00206	SG-103
✓	0.0	-4.0	12:51	-27.0	12:40	✓	15	250	8.1 8.2	0.1	10.0	0A02173	1SC00449	SG-95
✓	0.0	-4.0	13:37	-22.0	13:25	✓	15	250	7.9 8.0	0.1	10	0A01295	1SC00728	SG-11
✓	0.0	-4.0	14:24	-30.0	14:12	✓	15	250	8.8 8.8	0.1	10	0A001833	1SS00587	SG-93
✓	0.0	-5.0	15:21	-30.0	14:58	✓	15	250	7.6 7.7	0.1	10	0A00663	1SC00133	SG-9

נא לסמן את הבקרות שנעשו: דוגמת חזרה (Duplicate): ☐ בלאנק ציוד (חומרים) (Equipment Blank): ☐ בלאנק רקע (Air Blank) ☐ ספליט ☐

נמסר למעבדה: ע"י: [signature] (חתימה) [signature] תאריך: 2/6/20 שעה: 9:00 התקבל במעבדה: ע"י: ____ (חתימה) ____ תאריך: ____ שעה: ____

נא לסמן האם הדיגום נעשה: בהסמכה: ☒ לא בהסמכה: ☐ (הרשות הלאומית להסמכת מעבדות). טמפרטורה באתר(C°): ____ לחות באתר(%): ____ לחץ ברומטרי(hpa): ____

- מעל לחץ ברומטרי של Hpa 1025 –אין לבצע דיגום. רק לאחר שבוצעו 50% מהדיגומים באותו היום בצע בלנק חומרים.

שעת כיול מכשיר PID	סוג הכיול	תוצאת הכיול (PPM)	תאריך ביצוע כיול:
11:10	כיול באויר	0.0	שם מבצע הכיול:
11:10	כיול באמצעות גז	98.2	חתימת מבצע הכיול:

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F-2-SG		טופס: שרשרת משמורת לדיגום גז קרקע	
מהדורה מס': 01			
תקף מתאריך: 29/8/2019	מחליף את:	חתימה:	נכתב ע"י: אייל שוורץ
עמוד 1 מתוך 1		חתימה:	אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל

דוגם מוסמך
מעבדה 395

שרשרת משמורת לדיגום גז קרקע אקטיבי – דף 1 מתוך _____

נתונים כלליים:
הארגון הדוגם: ד"ר כ"ץ טכנולוגיות
מס הסמכה: 395
שם הדוגם: מיכה בוילס
חתימת הדוגם [signature]

זיהוי וכתובת אתר הדיגום: תל הפוואר . תאריך תפוגת כיול מכשיר הביו גז: 27/4/24
מס' מכשיר PID: T-114310, תאריך תפוגת כיול PID: 12/2019 מס' מכשיר ביוגז: ARMC-0184
תאריך הדיגום: 1/6/2020 שם איש קשר: _____
מס' סקר חוזה: _____
שינויים והערות: _____

TO- 15 1 ppbv	PID קריאת (בסיום הדיגום)	וואקום in/hg בסיום	שעת סיום	וואקום in/hg בהתחלה	שעת התחלה	בדיקת IPA	משך זמן שאיבת השטיפה (דקות)	ספיקת המשאבה ml/min	Shut In Test לחץ (אינץ/ כספית) מ- עד-	בדיקת פרמבליות (לחץ יציב)	עומק מטר	מס' מד ואקום	מס' קניסטר	Probes מיקום הפרוב
	0.0	4	12:01	30	11:50	✓	15	250	7.5-7.2	0.2	10	040 1384	155 00878	SG-49
	0.0	4	12:52	30	12:40	✓	15	250	7.5-7.3	0.3	10	040 0094	155 00203	SG 124
	0.0	4	13:41	30	13:28	✓	15	250	7.5-7.2	0.3	10	040 1151	155 00136	SG 129
	0.0	4	14:28	30	14:15	✓	15	250	7.5-7.3	0.2	10	040 1898	156 00856	SG 63
	0.0	4	15:22	30	15:08	✓	15	250	7.5-7.3	0.2	10	040 0814	155 00161	SG 115

נא לסמן את הבקרות שנעשו: דוגמת חזרה (Duplicate): ☐ בלאנק ציוד (חומרים) (Equipment Blank): ☐ בלאנק רקע (Air Blank) ☐ ספליט ☐

נמסר למעבדה: ע"י: [signature] (חתימה) [signature] תאריך: 2/6/20 שעה: 900 התקבל במעבדה: ע"י: _____ (חתימה) _____ תאריך: _____ שעה: _____

נא לסמן האם הדיגום נעשה: בהסמכה: ☑ לא בהסמכה: ☐ (הרשות הלאומית להסמכת מעבדות). טמפרטורה באתר(C°): _____ לחות באתר(%): _____ לחץ ברומטרי(hpa): _____

- **מעל לחץ ברומטרי של Hpa 1025** –אין לבצע דיגום. רק לאחר שבוצעו 50% מהדיגומים באותו היום בצע בלנק חומרים.

שעת כיול מכשיר PID	סוג הכיול	תוצאת הכיול (PPM)	תאריך ביצוע כיול:
11:00	כיול באויר	0.0	שם מבצע הכיול: מיכה בוילס
11:00	כיול באמצעות גז	96.5	חתימת מבצע הכיול: [signature]

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

Dr. G. Katz- Technologies & Enterprises	מעבדה 395
טופס מס': KTE –F-2-SG	טופס: שרשרת משמורת לדיגום גז קרקע
מהדורה מס': 01	
תקף מתאריך: 29/8/2019 מחליף את:	נכתב ע"י: אייל שוורץ חתימה:
עמוד 1 מתוך 1	אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל חתימה:

דוגם מוסמך מעבדה 395

שרשרת משמורת לדיגום גז קרקע אקטיבי

דף ____ מתוך ____

נתונים כלליים:
הארגון הדוגם: ד"ר כ"ץ טכנולוגיות
מס הסמכה: 395
שם הדוגם:
חתימת הדוגם:

זיהוי וכתובת אתר הדיגום: Ecolog, TSK . תאריך תפוגת כיול מכשיר הביו גז: _____

מס' מכשיר PID: T-114310 תאריך תפוגת כיול PID: 12/2019 מס' מכשיר ביוגז: ARMC-0184

תאריך הדיגום: 02/06/20 שם איש קשר: _____

מס' סקר חוזה: _____

שינויים והערות: _____

TO- 15 1 ppbv	קריאת PID (בסיום הדיגום)	וואקום in/hg בסיום	שעת סיום	וואקום in/hg בהתחלה	שעת התחלה	בדיקת IPA	משך זמן שאיבת השטיפה (דקות)	ספיקת המשאבה ml/min	Shut In Test לחץ (איטי/ כספית) מ- עד-	בדיקת פרמבליות (לחץ יציב)	עומק מטר	מס' מד ואקום	מס' קניסטר	Probes מיקום הפרוב
	0.0	-4	10:55	-28	10:42	√	15	250	7.6 7.7	0,1	10	OA1009981	15C 00927	SG 32
	0.0	-4	11:24	-30	11:12	√	15	250	8 - 8	3,3	10	OA01277	15C 00995	SG 135
	0.0	-4	11:46	-30	11:33	√	15	250	7.5- 7.7	0.4	10	OA01758	15C 00886	SG 64
	0.0	-4	12:20	-30	12:08	√	15	250	7.6 - 7.7	0.1	10	OA01435	15C 00072	SG 77
	0.0	-4	12:47	-29	12:35	√	15	250	8.7- 8.7	0.2	10	OA01873	15C 01052	SG 89
	0.1	-4	13:21	-28	13:09	√	15	250	8.6 8.7	0.3	10	OA01767	15C 00976	SG 33
	0.0	-4	13:39	-30	13:26	√	15	250	7.9 7.9	0.1	10	OA00950	15C 00811	SG 90
	0.0	-4	14:02	-30	13:50	√	15	250	7.9 - 8	0.2	10	OA01083	15C 00995	SG 81

נא לסמן את הבקרות שנעשו: דוגמת חזרה (Duplicate): ☐ בלאנק ציוד (חומרים) (Equipment Blank): ☐ בלאנק רקע (Air Blank) ☐ ספליט ☐

נמסר למעבדה : ע"י: _____ (חתימה) _____ תאריך: 3/6/20 שעת: 9:00 התקבל במעבדה: ע"י: _____ (חתימה) _____ תאריך: _____ שעה: _____

נא לסמן האם הדיגום נעשה: בהסמכה: ☒ לא בהסמכה: ☐ (הרשות הלאומית להסמכת מעבדות). טמפרטורה באתר(C°): _____ לחות באתר(%): _____ לחץ ברומטרי(hpa): _____

- **מעל לחץ ברומטרי של Hpa 1025** –אין לבצע דיגום. רק לאחר שברצעו 50% מהדיגומים באותו היום בצע בלנק חומרים.

שעת כיול מכשיר PID	סוג הכיול	תוצאת הכיול (PPM)	תאריך ביצוע כיול:
10:30	כיול באויר	0,0	שם מבצע הכיול:
10:30	כיול באמצעות גז	97.5	חתימת מבצע הכיול:

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F-2-SG		טופס: שרשרת משמורת לדיגום גז קרקע	
מהדורה מס': 02			
תקף מתאריך: 1/1/2020	מחליף את: 29/8/2019	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 1 מתוך 1		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

דוגם מוסמך מעבדה 395

שרשרת משמורת לדיגום גז קרקע אקטיבי –

דף 1 מתוך 2

נתונים כלליים:
האורגן הדוגם: ד"ר כ"ץ טכנולוגיות
מס הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם

זיהוי וכתובת אתר הדיגום: Ecolog TSH
מס' מכשיר PID: 115264 תאריך תפוגת כיול PID: 17/11/20 מס' מכשיר ביוגז:
תאריך הדיגום: 03/06/20 שם איש קשר:
מס' סקר חוזה:
שינויים והערות: תאריך תפוגת כיול מכשיר הביו גז: 27/4/24

Probes מיקום הפרוב	מס' קניסטר	מס' מד ואקום	עומק מטר	בדיקת פרמבליות (לחץ יציב)	Shut In Test לחץ (איטי/ כספית) מ- עד-	ספיקת המשאבה ml/min	משך זמן שאיבת השטיפה (דקות)	בדיקת IPA	שעת התחלה	ואקום in/hg בהתחלה	שעת סיום	ואקום in/hg בסיום	קריאת PID (בסיום הדיגום)	TO-15 1 ppbv
SG 114	155 00247	OA0 1591	10	0.3	7.7-7.7	250	15	✓	11:30	-29	11:43	-4	0.0	
SG 23	15< 00926	OA0 0756	10	0.1	7.8-7.9	250	15	✓	11:50	-27	12:00	-4	0.0	
SG-80	155 00734	OA 00023	10	0.1	7.6 7.6	250	15	✓	12:01	-29	12:12	-4	0.0	
SG 71	15< 00896	OA0 0907	10	0.1	7.4-7.6	250	15	✓	12:22	-30	12:36	-4	0.0	
SG-58	155 00121	OA0 0043	10	0.3	7.8-7.8	250	15	✓	13:03	-29	13:17	-4	0.0	
SG-59	15< 00758	OA0 0162	10	0.3	7.5-7.5	250	15	✓	13:02	-30	13:14	-4	0.0	
SG-20	15< 01104	OA0 1388	10	0.2	7.6-7.7	250	15	✓	13:41	-30	13:54	-4	0.0	
													33.6	

נא לסמן את הבקרות שנעשו: דוגמת חזרה (Duplicate): ☐ בלאנק ציוד (חומרים) (Equipment Blank): ☐ בלאנק רקע (Air Blank) ☐ ספליט ☐

נמסר למעבדה: ע"י: [illegible] (חתימה) תאריך: 4/6/20 שעה: 5:00 התקבל במעבדה: ע"י: (חתימה) תאריך: שעה:

נא לסמן האם הדיגום נעשה: בהסמכה: ☑ לא בהסמכה: ☐ (הרשות הלאומית להסמכת מעבדות). טמפרטורה באתר(C°): 28 לחות באתר(%): לחץ ברומטרי(hpa):

- מעל לחץ ברומטרי של Hpa 1025 –אין לבצע דיגום. רק לאחר שבוצעו 50% מהדיגומים באותו היום בצע בלנק חומרים.

שעת כיול מכשיר PID	סוג הכיול	תוצאת הכיול (PPM)	תאריך ביצוע כיול:
10:30	כיול באויר	0.0	שם מבצע הכיול:
10:30	כיול באמצעות גז	97.8	חתימת מבצע הכיול:

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17020:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F-2-SG		טופס: שרשרת משמורת לדיגום גז קרקע	
מהדורה מס': 02			
תקף מתאריך: 1/1/2020	מחליף את: 29/8/2019	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 1 מתוך 1		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

דוגם מוסמך מעבדה 395

שרשרת משמורת לדיגום גז קרקע אקטיבי

דף 2 מתוך 2

זיהוי וכתובת אתר הדיגום: Ecolog TSH, תאריך תפוגת כיול מכשיר הביו גז: 27/4/24

מס' מכשיר PID: 115284, תאריך תפוגת כיול PID: 17/11/20 מס' מכשיר ביוגז:

תאריך הדיגום: 3/6/20 שם איש קשר:

מס' סקר חוזה:

שינויים והערות:

נתונים כלליים:
הארגון הדוגם: ד"ר כ"ץ טכנולוגיות
מס הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם: [illegible]

TO- 15 I ppbv	קריאת PID (בסיום הדיגום)	וואקום in/hg בסיום	שעת סיום	וואקום in/hg בהתחלה	שעת התחלה	בדיקת IPA	משך זמן שאיבת השטיפה (דקות)	ספיקת המשאבה ml/min	Shut In Test לחץ (אינץ/ כספית) מ- עד-	בדיקת פרמבליות (לחץ יציב)	עומק מטר	מס' מד ואקום	מס' קניסטר	Probes מיקום הפרוב
	0.1	-5	13:42	-30	13:30	✓	15	250	7.7 7.7	0.2	10	OA01319	1SC00604	SG-56
	0.1	-5	14:10	-30	13:58	✓	15	250	7.2 7.1	0.1	10	OA00016	1SC01369	SG-78

נא לסמן את הבקרות שנעשו: דוגמת חזרה (Duplicate): ☐ בלאנק ציוד (חומרים) (Equipment Blank): ☐ בלאנק רקע (Air Blank) ☐ ספליט ☐

נמסר למעבדה: ע"י: [illegible] (חתימה) [illegible] תאריך: 4/[illegible] שעה: [illegible] התקבל במעבדה: ע"י: _____ (חתימה) _____ תאריך: _____ שעה: _____

נא לסמן האם הדיגום נעשה: בהסמכה: ☑ לא בהסמכה: ☐ (הרשות הלאומית להסמכת מעבדות). טמפרטורה באתר(C°): _____ לחות באתר(%): _____ לחץ ברומטרי(hpa): _____

- **מעל לחץ ברומטרי של Hpa 1025** –אין לבצע דיגום. רק לאחר שבוצעו 50% מהדיגומים באותו היום בצע בלנק חומרים.

שעת כיול מכשיר PID	סוג הכיול	תוצאת הכיול (PPM)	תאריך ביצוע כיול:
10:30	כיול באויר	0.0	שם מבצע הכיול:
10:30	כיול באמצעות גז	97.8	חתימת מבצע הכיול:

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F-2-SG		טופס: שרשרת משמורת לדיגום גז קרקע
מהדורה מס': 02		
תקף מתאריך: 1/1/2020	מחליף את: 29/8/2019	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 1 מתוך 1		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך מעבדה 395

שרשרת משמורת לדיגום גז קרקע אקטיבי

דף ____ מתוך ____

נתונים כלליים:
הארגון הדוגם: ד"ר כ"ץ טכנולוגיות
מס הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם

זיהוי וכתובת אתר הדיגום: Ecolog, TSK . תאריך תפוגת כיול מכשיר הביו גז: ____
מס' מכשיר PID: 115284 , תאריך תפוגת כיול PID: 16/11/20 מס' מכשיר ביוגז: ____
תאריך הדיגום: 16/11/20 שם איש קשר: ____
מס' סקר חוזה: P0190275
שינויים והערות: ____

Probes מיקום הפרוב	מס' קניסטר	מס' מד ואקום	עומק מטר	בדיקת פרמביליות (לחץ יציב)	Shut In Test לחץ (איבוי/ כספית) מ- עד-	ספיקת המשאבה ml/min	משך זמן שאיבת השטיפה (דקות)	בדיקת IPA	שעת התחלה	וואקום in/hg בהתחלה	שעת סיום	וואקום in/hg בסיום	קריאת PID (בסיום הדיגום)	TO-15 1 ppbv
SG 11	155 02974	0AO 1135	10.0	0.1	12.2-12.2	250	15	√	10:39	-30	10:51	-4	0.5	✓
SG 16	155 02987	0AO 1771	10.0	0.1	9.2-9.2	230	15	√	11:03	-30	11:18	-4	0.0	✓
SG 13	155 00739	0AO 1299	10.0	0.2	9.5.94	250	15	√	11:33	-30	11:45	-5	0.1	✓
SG 15	155 00530	0AO 1492	10.0	0.2	7.8.7.7	250	15	√	11:49	-30	12:00	-4	0.0	✓
SG 19	155 00851	0AO 00832	10.0	0.3	7.8-7.8	250	15	√	12:10	-29	12:23	-4	0.3	✓
SG-17	155 00743	0AO 1400	10.0	0.1	8.9-8.9	250	15	√	12:40	-29	12:54	-5	0.0	✓
SG-96	155 00179	0AO 1604	10.0	0.3	7.6-7.6	250	15	√	13:24	-27	13:37	-5	2.7	✓
SG 74	155 01023	0AO 0878	10.0	0.2	8.1-8.0	250	15	√	14:14	-27	14:28	-5	0.0	✓

נא לסמן את הבקרות שנעשו: דוגמת חזרה (Duplicate): ☐ בלאנק ציוד (חומרים) (Equipment Blank): ☐ בלאנק רקע (Air Blank) ☐ ספליט ☐

נמסר למעבדה: ע"י: ____ (חתימה) ____ תאריך: 11/6/20 שעה: 9:00 התקבל במעבדה: ע"י: ____ (חתימה) ____ תאריך: ____ שעה: ____

נא לסמן האם הדיגום נעשה: בהסמכה: ☒ לא בהסמכה: ☐ (הרשות הלאומית להסמכת מעבדות). טמפרטורה באתר(°C): ____ לחות באתר(%): ____ לחץ ברומטרי(hpa): ____

- **מעל לחץ ברומטרי של Hpa 1025** –אין לבצע דיגום. רק לאחר שבוצעו 50% מהדיגומים באותו היום בצע בלנק חומרים.

שעת כיול מכשיר PID	סוג הכיול	תוצאת הכיול (PPM)	תאריך ביצוע כיול:
10:10	כיול באויר	0.0	שם מבצע הכיול:
10:10	כיול באמצעות גז	97.2	חתימת מבצע הכיול:

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

דוגם מוסמך מעבדה 395

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F-2-SG		טופס: שרשרת משמורת לדיגום גז קרקע	
מהדורה מס': 02			
מחליף את: 29/8/2019	תקף מתאריך: 1/1/2020	נכתב ע"י: אייל שוורץ	תחימה:
עמוד 1 מתוך 1		אושר ע"י: דייר ניל כייץ, מנכ"ל	תחימה:

שרשרת משמורת לדיגום גז קרקע אקטיבי –

דף ____ מתוך ____

נתונים כלליים:
הארגון הדוגם: ד"ר כ"ץ טכנולוגיות
מס הסמכה: 395
שם הדוגם: ג.מ.
חתימת הדוגם

זיהוי וכתובת אתר הדיגום: Ecolog, TSh
מס' מכשיר PID: , תאריך תפוגת כיול PID: , תאריך תפוגת כיול מכשיר הביו גז:
מס' מכשיר ביוגז:
תאריך הדיגום: 11/6/2020 שם איש קשר: מ. כהן
מס' סקר הדגה:
שינויים והערות:

Probes מיקום הפרוב	מס' קניסטר	מס' מד ואקום	עומק מטר	בדיקת פרמבליות (לחץ יציב)	Shut In Test לחץ (איבוד/ טפטפת) מ- עד-	ספיקת המשאבה ml/min	משך זמן שאיבת השטיפה (דקות)	בדיקת IPA	ואקום in/hg בהתחלה	שעת התחלה	ואקום in/hg בסיום	שעת סיום	קריאת PID (בסיום הדיגום)	TO-15 I pplv
SG 72	155 00207	0A0 1088	10.0	0.3	8.0-7.9	250	15	✓	-30	10:28	-5	10:40	0.3	
SG 170	155 00932	0A0 0833	10.0	0.2	7.8-7.8	250	15	✓	-30	10:12	-5	10:25	3.8	
SG 15	15C 00638	0A0 0553	10.0	0.1	8.2-8.2	250	15	✓	-29	10:03	-5	10:16	0.1	
SG 94	15C 00848	0A0 1266	10.0	0.3	8.1-8.0	250	15	✓	-29	10:55	-5	11:09	0.0	
SG 10	15C 00376	0A0 2193	10.0	0.1	8.0-8.0	250	15	✓	-30	11:02	-3	11:13	0.2	
SG 50	15C 00872	0A0 0189	10.0	0.2	7.6-7.5	250	15	✓	-28	11:34	-5	11:47	0.0	
SG 100	15C 00736	0A0 2107	10.0	0.3	7.9-7.9	250	15	✓	-30	11:56	-5	12:09	0.1	
SG 73	15C 01347	0A0 1181	10.0	0.3	7.5-7.5	250	15	✓	-30	12:13	-5	12:26	2.2	

נא לסמן את הבקרות שנעשו: דוגמת חזרה (Duplicate): ☐ בלאנק ציוד (חומרים) (Equipment Blank): ☐ בלאנק רקע (Air Blank) ☐ טפליט ☐

נמסר למעבדה: ע"י: _____ (חתימה) _____ תאריך: _____ שעה: _____ | התקבל במעבדה: ע"י: _____ (חתימה) _____ תאריך: _____ שעה: _____

נא לסמן האם הדיגום נעשה: בהסמכה: ☐ לא בהסמכה: ☐ (הרשות הלאומית להסמכת מעבדות). טמפרטורה באתר(C°): _____ לחות באתר(%): _____ לחץ ברומטרי(hpa): _____

- מעל לחץ ברומטרי של Hpa 1025 – אין לבצע דיגום. רק לאחר שכוצעו 50% מהדיגומים באותו היום בצע בלנק חומרים.

שעת כיול מכשיר PID	סוג הכיול	תוצאת הכיול (PPM)	תאריך ביצוע כיול:
09:30	כיול באויר	0.0	שם מבצע הכיול:
09:30	כיול באמצעות גז	98.1	חתימת מבצע הכיול:

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17019:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F-2-SG		טופס: שרשרת משמורת לדיגום גז קרקע	
מהדורה מס': 01			
תקף מתאריך: 29/8/2019	מחליף את:	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 1 מתוך 1		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

דוגם מוסמך
מעבדה 395

שרשרת משמורת לדיגום גז קרקע אקטיבי – דף 1 מתוך _____

נתונים כלליים:
הארגון הדוגם: ד"ר כ"ץ טכנולוגיות
מס הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם [illegible]

זיהוי וכתובת אתר הדיגום: [illegible] . תאריך תפוגת כיול מכשיר הביו גז: 27/9/24
מס' מכשיר PID: T-114310, תאריך תפוגת כיול PID: 12/2019 מס' מכשיר ביוגז: ARMC-0184
תאריך הדיגום: 26/6/20 שם איש קשר: _____
מס' סקר חוזה: _____
שינויים והערות: _____

TO- 15 1 ppbv	PID קריאת (בסיום הדיגום)	וואקום in/hg בסיום	שעת סיום	וואקום in/hg בהתחלה	שעת התחלה	בדיקת IPA	משך זמן שאיבת השטיפה (דקות)	ספיקת המשאבה ml/min	Shut In Test לחץ (אינץ/ כספית) מ- עד-	בדיקת פרמבליות (לחץ יציב)	עומק מטר	מס' מד ואקום	מס' קניסטר	Probes מיקום הפרוב
	0.2	4	9:26	26	9:16	✓	15	250	-7.5 -7.4	0.0	10.0	OA01926	15C00601	SG53
	0.1	4	10:06	30	9:55	✓	15	250	7.5-7.3	0.0	10.0	OA01241	15C01062	SG-76
													~~15500[illegible]~~	~~SG-137~~
	0.3	4	10:52	30	10:40	✓	15	250	7.5-7.4	0.0	10.0	OA01762	15500856	SG-137
		4	11:01	30	10:50							OA01017	15C00581	AB

נא לסמן את הבקרות שנעשו: דוגמת חזרה (Duplicate): ☐ בלאנק ציוד (חומרים) (Equipment Blank): ☐ בלאנק רקע (Air Blank) ☐ ספליט ☐

נמסר למעבדה: ע"י: [illegible] (חתימה) [illegible] תאריך: 29/6/20 שעה: 9:00 התקבל במעבדה: ע"י: _____ (חתימה) _____ תאריך: _____ שעה: _____

נא לסמן האם הדיגום נעשה: בהסמכה: ☑ לא בהסמכה: ☐ (הרשות הלאומית להסמכת מעבדות). טמפרטורה באתר(C°): _____ לחות באתר(%): _____ לחץ ברומטרי(hpa): _____

- **מעל לחץ ברומטרי של Hpa 1025** –אין לבצע דיגום. רק לאחר שבוצעו 50% מהדיגומים באותו היום בצע בלנק חומרים.

שעת כיול מכשיר PID	סוג הכיול	תוצאת הכיול (PPM)	תאריך ביצוע כיול:
9:00	כיול באויר	0.0	שם מבצע הכיול: [illegible]
9:00	כיול באמצעות גז	15.4	חתימת מבצע הכיול: [illegible]

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE –F-2-SG		טופס: שרשרת משמורת לדיגום גז קרקע
מהדורה מס': 02		
תקף מתאריך: 1/1/2020	מחליף את: 29/8/2019	נכתב ע"י: אייל שוורץ / תאימה:
עמוד 1 מתוך 1		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל / חתימה:

דוגם מוסמך מעבדה 395

שרשרת משמורת לדיגום גז קרקע אקטיבי –

דף 1 מתוך 1

נתונים כלליים:
הארגון הדוגם: ד"ר כ"ץ טכנולוגיות
מס הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם

זיהוי וכתובת אתר הדיגום: תל הפועל . תאריך תפוגת כיול מכשיר הביו גז: _____
מס' מכשיר PID: 115264 . תאריך תפוגת כיול PID: 16/11/20 מס' מכשיר ביוגז: _____
תאריך הדיגום: 28/06/2020 שם איש קשר: _____
מס' סקר חוזה: _____
שינויים והערות: _____

Probes מיקום הפרוב	מס' קניסטר	מס' מד ואקום	עומק מטר	בדיקת פרמביליות (לחץ יציב)	Shut In Test לחץ (איבוי כספית) מ- עד-	ספיקת המשאבה ml/min	משך זמן שאיבת השטיפה (דקות)	בדיקת IPA	ואקום in/hg בהתחלה	שעת התחלה	ואקום in/hg בסיום	שעת סיום	קריאת PID (בסיום הדיגום)	O-15 ppbv
SG-3	15C 00859	OA0 0027	10.0	0.3	7.6 7.6	250	14	✓	-26	11:13	-5	11:25	0.0	
SG-14	155 00986	OA0 0759	10.1	0.4	7.8-7.7	250	14	✓	-27	11:51	-5	12:04	0.0	
SG-3	15C 00934	OA0 02855	10.0	0.1	7.7-7.7	250	14	✓	-28	12:24	-5	12:36	0.0	
SG-2	155 00247	OA0 2735	10.0	0.4	7.4 7.8	250	14	✓	-27	12:49	-5	12:59	0.0	
SG-1	155 00784	OA0 1544	10.0	0.3	7.9-9.3	250	14	✓	-29	13:12	-5	13:33	0.0	
SG-2	155 01089	OA0 0247	10.0	0.3	7.6-7.6	250	14	✓	-29	13:34	-5	13:45	0.0	
SG-1	155 00837	OA0 0374	10.0	0.2	7.6-7.5	250	14	✓	-29	13:54	-5	14:06	0.0	

נא לסמן את הבקרות שנעשו: דוגמת חזרה (Duplicate): ☐ בלאנק ציוד (חומרים) (Equipment Blank): ☐ בלאנק רקע (Air Blank) ☐ ספליט ☐

נמסר למעבדה: ע"י: [illegible] (חתימה) [illegible] תאריך: 29/6/20 שעה: 9:00 התקבל במעבדה: ע"י: _____ (חתימה) _____ תאריך: _____ שעה: _____

נא לסמן האם הדיגום נעשה: בהסמכה: ☐ לא בהסמכה: ☐ **(הרשות הלאומית להסמכת מעבדות). טמפרטורה באתר(°C):** _____ **לחות באתר(%):** _____ **לחץ ברומטרי(hpa):** _____

- **מעל לחץ ברומטרי של Hpa 1025** –אין לבצע דיגום. רק לאחר שבוצעו 50% מהדיגומים באותו היום בצע בלנק חומרים.

שעת כיול מכשיר PID	סוג הכיול	תוצאת הכיול (PPM)	תאריך ביצוע כיול:
10:10	כיול באויר	0.0	שם מבצע הכיול:
10:10	כיול באמצעות גז	97.5	חתימת מבצע הכיול:

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F-2-SG		טופס: שרשרת משמורת לדיגום גז קרקע	
מהדורה מס': 02			
תקף מתאריך: 1/1/2020	מחליף את: 29/8/2019	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 1 מתוך 1		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

דוגם מוסמך מעבדה 395

שרשרת משמורת לדיגום גז קרקע אקטיבי – דף 1 מתוך 1

נתונים כלליים:
הארגון הדוגם: ד"ר כ"ץ טכנולוגיות
מס הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם

זיהוי וכתובת אתר הדיגום: תל המשר . תאריך תפוגת כיול מכשיר הביו גז:
מס' מכשיר PID: 115284 , תאריך תפוגת כיול PID: 16/11/20 מס' מכשיר ביוגז:
תאריך הדיגום: 30/6/2020 שם איש קשר:
מס' סקר חוזה:
שינויים והערות:

Probes מיקום הפרוב	מס' קניסטר	מס' מד ואקום	עומק מטר	בדיקת פרמבליות (לחץ יציב)	Shut In Test לחץ (אינץ/ כספית) מ- עד-	ספיקת המשאבה ml/min	משך זמן שאיבת השטיפה (דקות)	בדיקת IPA	שעת התחלה	וואקום in/hg בהתחלה	שעת סיום	וואקום in/hg בסיום	קריאת PID (בסיום הדיגום)	TO- 15 1 ppbv
SG-27	1SS 00011	0A0 0068	10.0	0.3	7.8-7.8	250	15	✓	10:04	-29	10:16	-5	0.0	
SG 121	1SC 00534	0A0 0162	10.0	0.3	7.6-7.6	250	15	✓	11:04	-30	11:15	-5	0.0	
SG 120	1SC 00139	0A0 1277	10.0	0.1	7.6-7.5	250	15	✓	11:43	-28	11:55	-5	0.0	
SG 51	1SC 01068	0A0 0737	10.0	0.1	7.7-7.7	250	15	✓	12:33	-30	12:44	-5	0.0	
SG 12	1SC 00947	0A0 1246	10.0	0.2	7.9-7.8	250	15	✓	13:17	-30	13:29	-5	0.0	
A B	1SC 00608	0A0 1846	-	-	-	-	-	-	13:41	-30	13:52	-5	-	

נא לסמן את הבקרות שנעשו: דוגמת חזרה (Duplicate): ☐ בלאנק ציוד (חומרים) (Equipment Blank): ☐ בלאנק רקע (Air Blank) ☐ ספליט ☐

נמסר למעבדה: ע"י: [illegible] (חתימה) תאריך: 30/6/20 שעה: 16:00 התקבל במעבדה: ע"י: (חתימה) תאריך: שעה:

נא לסמן האם הדיגום נעשה: בהסמכה: ☒ לא בהסמכה: ☐ (הרשות הלאומית להסמכת מעבדות). טמפרטורה באתר(C°): לחות באתר(%): לחץ ברומטרי(hpa):

- מעל לחץ ברומטרי של Hpa 1025 –אין לבצע דיגום. רק לאחר שבוצעו 50% מהדיגומים באותו היום בצע בלנק חומרים.

שעת כיול מכשיר PID	סוג הכיול	תוצאת הכיול (PPM)	תאריך ביצוע כיול:
09:30	כיול באויר	0.0	שם מבצע הכיול:
09:30	כיול באמצעות גז	98.5	חתימת מבצע הכיול:

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ISO/IEC 17029:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F-2-SG		טופס: שרשרת משמורת לדיגום גז קרקע	
מהדורה מס': 02			
תקף מתאריך: 1/1/2020	מחליף את: 29/8/2019	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 1 מתוך 1		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

דוגם מוסמך
מעבדה 395

שרשרת משמורת לדיגום גז קרקע אקטיבי – דף 1 מתוך 1

נתונים כלליים:
הארגון הדוגם: ד"ר כ"ץ טכנולוגיות
מס הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם

זיהוי וכתובת אתר הדיגום: תל השומר . תאריך תפוגת כיול מכשיר הביו גז:
מס' מכשיר PID: 115284 , תאריך תפוגת כיול PID: 16/11/20 מס' מכשיר ביוגז:
תאריך הדיגום: 01/07/2020 שם איש קשר:
מס' סקר חוזה: Menasha C10520
שינויים והערות:

TO- 15 1 ppbv	קריאת PID (בסיום הדיגום)	וואקום in/hg בסיום	שעת סיום	וואקום in/hg בהתחלה	שעת התחלה	בדיקת IPA	משך זמן שאיבת השטיפה (דקות)	ספיקת המשאבה ml/min	Shut In Test לחץ (אינץ/ כספית) מ- עד-	בדיקת פרמבליות (לחץ יציב)	עומק מטר	מס' מד ואקום	מס' קניסטר	Probes מיקום הפרוב
v	0.0	-5	11:26	-29	11:14	✓	15	250	7.7-7.7	0.3	10.0	OA 00637	1SC 01007	SG 22
v	0.0	-5	12:45	-27	12:34	✓	15	250	7.8-7.7	0.3	10.0	OA 01104	1SC 00758	SG 79
v	0.0	-5	13:33	-30	13:40	✓	15	250	7.6-7.6	0.2	10.0	OA 02014	1SS 00123	SG 59
v	–	-5	14:00	-29	13:48	–	–	–	–	–	<	OA 00782	1SS 00227	AB

נא לסמן את הבקרות שנעשו: דוגמת חזרה (Duplicate): ☐ בלאנק ציוד (חומרים) (Equipment Blank): ☐ בלאנק רקע (Air Blank) ☐ ספליט ☐

נמסר למעבדה: ע"י: [illegible] (חתימה) [illegible] תאריך: 2/7/20 שעה: 9:00 | **התקבל במעבדה:** ע"י: _____ (חתימה) _____ תאריך: _____ שעה: _____

נא לסמן האם הדיגום נעשה: בהסמכה: ☒ לא בהסמכה: ☐ (הרשות הלאומית להסמכת מעבדות). טמפרטורה באתר(C°): _____ לחות באתר(%): _____ לחץ ברומטרי(hpa): _____

- **מעל לחץ ברומטרי של Hpa 1025** –אין לבצע דיגום. רק לאחר שבוצעו 50% מהדיגומים באותו היום בצע בלנק חומרים.

שעת כיול מכשיר PID	סוג הכיול	תוצאת הכיול (PPM)	תאריך ביצוע כיול:
09:40	כיול באויר	0.0	שם מבצע הכיול:
09:40	כיול באמצעות גז	97.5	חתימת מבצע הכיול:

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No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395
טופס מס': KTE -F-2-SG		טופס: שרשרת משמורת לדיגום גז קרקע
מהדורה מס': 02		
תקף מתאריך: 1/1/2020	מחליף את: 29/8/2019	נכתב ע"י: אייל שוורץ — חתימה:
עמוד 1 מתוך 1		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך מעבדה 395

שרשרת משמורת לדיגום גז קרקע אקטיבי –

דף 1 מתוך 1

נתונים כלליים:
הארגון הדוגם: ד"ר כ"ץ טכנולוגיות
מס הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם:

זיהוי וכתובת אתר הדיגום: [illegible] . תאריך תפוגת כיול מכשיר הביו גז:

מס' מכשיר PID: 115284 , תאריך תפוגת כיול PID: 16/11/16 מס' מכשיר ביוגז:

תאריך הדיגום: 2/7/2020 שם איש קשר:

מס' סקר חוזה:

שינויים והערות:

Probes מיקום הפרוב	מס' קניסטר	מס' מד ואקום	עומק מטר	בדיקת פרמבליות (לחץ יציב)	Shut In Test לחץ (אינץ' כספית) מ- עד-	ספיקת המשאבה ml/min	משך זמן שאיבת השטיפה (דקות)	בדיקת IPA	שעת התחלה	וואקום in/hg בהתחלה	שעת סיום	וואקום in/hg בסיום	קריאת PID (בסיום הדיגום)	TO-15 1 ppbv
A B	15c 00887	0A 00234	-	-	-	-	-	✓	09:01	-26	09:21	-3	-	
25	15c 00603	0A 01714	10.9	0.3	7.7-7.7	250	15	✓	10:19	-30	10:30	-5	0.0	
24	155 00978	0A 00209	10.0	0.3	7.6-7.3	250	15	✓	12:05	-30	12:17	-5		

נא לסמן את הבקרות שנעשו: דוגמת חזרה (Duplicate): ☐ בלאנק ציוד (חומרים) (Equipment Blank): ☐ בלאנק רקע (Air Blank) ☐ ספליט ☐

נמסר למעבדה: ע"י: [illegible] (חתימה) [illegible] תאריך: 2/7/20 שעה: 16:00 התקבל במעבדה: ע"י: _____ (חתימה) _____ תאריך: _____ שעה: _____

נא לסמן האם הדיגום נעשה: בהסמכה: ☒ לא בהסמכה: ☐ **(הרשות הלאומית להסמכת מעבדות).** טמפרטורה באתר(°C): _____ לחות באתר(%): _____ לחץ ברומטרי(hpa): _____

- **מעל לחץ ברומטרי של Hpa 1025** –אין לבצע דיגום. רק לאחר שבוצעו 50% מהדיגומים באותו היום בצע בלנק חומרים.

שעת כיול מכשיר PID	סוג הכיול	תוצאת הכיול (PPM)	תאריך ביצוע כיול:
09:05	כיול באויר	0.0	שם מבצע הכיול:
09:05	כיול באמצעות גז	97.5	חתימת מבצע הכיול:

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No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F-2-SG		טופס: שרשרת משמורת לדיגום גז קרקע	
מהדורה מס': 02			
תקף מתאריך: 1/1/2020	מחליף את: 29/8/2019	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 1 מתוך 1		אושר ע"י: דייר גיל כ"ץ, מנכ"ל	חתימה:

דוגם מוסמך מעבדה 395

שרשרת משמורת לדיגום גז קרקע אקטיבי –

דף 1 מתוך 1

נתונים כלליים:
הארגון הדוגם: ד"ר כ"ץ טכנולוגיות
מס הסמכה: 395
שם הדוגם: [illegible]
חתימת הדוגם

זיהוי וכתובת אתר הדיגום: רמת הגולן . תאריך תפוגת כיול מכשיר הביו גז: _____

מס' מכשיר PID: T-114310, תאריך תפוגת כיול PID: 12/2019 מס' מכשיר ביוגז: ARMC-0184

תאריך הדיגום: 06/07/2020 שם איש קשר: _____

מס' סקר חוזה: _____

שינויים והערות: _____

TO- 15 1 ppbv	קריאת PID (בסיום הדיגום)	וואקום in/hg בסיום	שעת סיום	וואקום in/hg בהתחלה	שעת התחלה	בדיקת IPA	משך זמן שאיבת השטיפה (דקות)	ספיקת המשאבה ml/min	Shut In Test לחץ (אינץ'/ כספית) מ- עד-	בדיקת פרמבליות (לחץ יציב)	עומק מטר	מס' מד ואקום	מס' קניסטר	Probes מיקום הפרוב
✓	0.1	5.0	12:07	29.0	11:55	✓	75	250	7.8 - 7.8	0.3	10.0	OA 01435	155 00828	SG 72
	0.1	5	12:45	30	12:34	✓	75	250	7.6 - 7.5	0.2	10.0	OA 02096	155 00767	SG-97
	[illegible]	5	12:30	30	12:18	-	-	-	-	-	-	OA 00473	155 00171	A B
	0.0	5	13:20	30	13:08	✓	75	250	7.9 - 7.9	0.3	10.0	OA 01908	155 00932	SG-60

נא לסמן את הבקרות שנעשו: דוגמת חזרה (Duplicate): ☐ בלאנק ציוד (חומרים) (Equipment Blank): ☐ בלאנק רקע (Air Blank) ☐ ספליט ☐

נמסר למעבדה: ע"י: _____ (חתימה) _____ תאריך: 3/7/20 שעה: 16:00 התקבל במעבדה: ע"י: _____ (חתימה) _____ תאריך: _____ שעה: _____

נא לסמן האם הדיגום נעשה: בהסמכה: ☒ לא בהסמכה: ☐ (הרשות הלאומית להסמכת מעבדות). טמפרטורה באתר(C°): _____ לחות באתר(%): _____ לחץ ברומטרי(hpa): _____

- **מעל לחץ ברומטרי של Hpa 1025** –אין לבצע דיגום. רק לאחר שבוצעו 50% מהדיגומים באותו היום בצע בלנק חומרים.

שעת כיול מכשיר PID	סוג הכיול	תוצאת הכיול (PPM)	תאריך ביצוע כיול:
11:20	כיול באויר	0.0	שם מבצע הכיול:
11:20	כיול באמצעות גז	97.6	חתימת מבצע הכיול:

נספח 3 –

טפסי שדה ומשמורת לדיגום קרקע (חב' KTE)

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KTE Co. Dr. G. Katz- Technologies & Enterprises		טפסים מעבדה 395	
טופס מס': KTE –F20		טופס: בדיקת ממצאי שדה	
מהדורה מס': 03			
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ	חתימה:
עמוד 1 מתוך 3		אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל	חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: תל - האומר תאריך דיגום: 20/5/20 שם הדוגם: מיקו קוטלי חתימה: [signature]

מס' סקר חוזה: PO 190275 . ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K-11	0.5	8:56	חול חרסיתי בצבע אדום. מעט	9.4		X	✓	מעט חומר שיורי
K-11	1.0	8:57	חול חרסיתי אדום (חמרה)	2.6		X	✓	
K-11	2.0	8:59	חול חרסיתי בצבע אדום	7.4		אין	אב	
K-11	3.0	9:00	חול חרסיתי אדום	12.7		אין	אב	
K-8	0.5	9:03	חרסית חולית בצבע אדום	9.8		אין	אב	מעט לחות
K-8	1.0	09:04	חרסית חולית מאוד, בצבע אדום	4.0		אין	אב	מעט לחות
K-8	2.0	09:06	חול חרסיתי בצבע חום	12.1		אין	אב	
K-8	3.0	09:07	חול חרסיתי בצבע חום	13.8		אין	אב	
K-9	0.5	9:12	חול חרסיתי - בצע חום (כתום)	2.0		אין	יב	מעט לחות
K-9	1.0	9:13	חול חרסיתי. בצע כתום (לח.	3.9		אין	יב	
K-9	2.0	9:17	חול בהיר - כתום - לח - מעט זוגי	6.8		אין	יב	
K-9	3.0	9:18	חול בהיר - לח	5.9		אין	יב	

תאריך תפוגת הכיול	טמפ': C°(בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/24	34		0.0

שם המכשיר PPM: +DATA LOGGER, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: תאריך ביצוע הכיול: 16/11/19, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:41	כיול ב- באויר	0.0	√
8:41	כיול באמצעות גז	98.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

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הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17029:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises	טפסים מעבדה 395
טופס מס': KTE –F20	טופס: בדיקת ממצאי שדה
מהדורה מס': 03	
תקף מתאריך: 29/01/2020 מחליף את: 24/06/2018	נכתב ע"י: אייל שוורץ חתימה:
עמוד 2 מתוך 3	אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל חתימה:

דוגם מוסמך
מעבדה 395

שם האתר: תל האומר תאריך דיגום: 20/5/20 שם הדוגם: עמיר דיגום חתימה: [illegible]

מס' סקר חוזה: _____ . ציוד הקידוח: GeoProbe

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K-6	0.5	10:18	חול חרסיתי כתום	6.1		אין	יש	
K-6	1.0	10:19	חול חרסיתי כתום	6.6		אין	יש	
K-6	2.0	10:31	חרסית חולית בגוון מאוד	4.2		אין	אין	בגוון אדום
K-6	3.0	10:40	חול + חרסית חולית בגוון כהה	3.7		אין	יש	
K-7	0.5	11:30	חול חרסית: וגש- אדום (חמרה)	1.1		אין	יש	וגש מאוד
K-7	1.0	11:31	חול חרסית: וגש (מעט מצע) חמרה	1.9		אין	יש	
K-7	2.0	13:30	חרסית בגוון בגוון אדום (חמרה)	1.2		אין	אין	
K-7	3.0	13:31	חרסית בגוון אדום (חמרה)	1.8		אין	יש	
K-10	0.5	13:35	חרסית בגוון חום כהה	2.8		אין	אין	
K-10	1.0	13:37	חרסית עמנה מעט אבני ש	1.4		אין	אין	
K-10	2.0	13:39	חרסית בגוון בגוון אדום (חמרה)	3.7		אין	אין	
K-10	3.0	13:40	חרסית עמנה מעט חולית אדומה	1.7		אין	יש	חמרה

תאריך תפוגת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/24	34		0.0

שם המכשיר PPM :+DATA LOGGER, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: _____ תאריך ביצוע הכיול: 16/11/19, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:41	כיול ב- באויר	0.0	√
8:41	כיול באמצעות גז	98.5	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס׳

טפסים מעבדה 395	KTE Co. Dr. G. Katz- Technologies & Enterprises
טופס: בדיקת ממצאי שדה	טופס מס׳: KTE –F20
	מהדורה מס׳: 03
נכתב ע״י: אייל שוורץ — חתימה:	תקף מתאריך: 29/01/2020 — מחליף את: 24/06/2018
אושר ע״י: ד״ר גיל כ״ץ, מנכ״ל — חתימה:	עמוד 3 מתוך 3

דוגם מוסמך מעבדה 395

שם האתר: תל השומר תאריך דיגום: 20/5/20 שם הדוגם: מירן קוילש חתימה:

מס׳ סקר חוזה: ציוד הקידוח:

שם הקידוח ומיקומו	עומק דוגמה[m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (20%)	ריח (יש/אין)	לחות (יש/אין)	הערות
K-12	0.5	13:45	חרסית שמנה	1.0		אין	יש	
K-12	1.0	13:46	חרסית שמנה	2.4		אין	יש	
K-12	2.0	13:48	חרסית לבנה	1.9		אין	אין	
K-12	3.0	13:49	חרסית לבנה	2.1		אין	אין	

תאריך תפוגת הכיול	טמפ׳: C° (בתחילת היום)	טמפ׳: C° (סוף היום)	תעד קריאת PID באוויר השטח הפתוח	
27/4/24	34			

שם המכשיר PPM :+DATA LOGGER, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: ______ תאריך ביצוע הכיול: 16/11/19, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:41	כיול ב- באוויר	0.0	√
8:41	כיול באמצעות גז	98.5	

- בצע הזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises	טפסים מעבדה 395
טופס מס': KTE –F20	
מהדורה מס': 03	טופס: בדיקת ממצאי שדה
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018
עמוד 1 מתוך 2	נכתב ע"י: אייל שוורץ — חתימה:
	אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך מעבדה 395

שם האתר: תל האומר תאריך דיגום: 27/5/20 שם הדוגם: מיקן דוגמה חתימה: [signature]

מס' סקר חוזה: _____ . ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K-3	0.5	9:30	חול חרסיתי בצבע חום-כתום	9.3		אין	יש	
K-3	1.0	9:31	חול חרסיתי בצבע חום-כתום	12.3		אין	יש	
K-3	2.0	9:33	חול חרסיתי בצבע חום-כתום	5.5		אין	יש	
K-3	3.0	9:34	חול חרסיתי בצבע כתום, לח	11.7		אין	יש	
K-4	0.5	9:41	חול חרסיתי בצבע כתום לח	19.6		אין	יש	
K-4	1.0	9:42	חול חרסיתי בצבע כתום לח	19.7		אין	יש	
K-4	2.0	9:44	חול חרסיתי בצבע כתום לח	11.4		אין	יש	
K-4	3.0	9:45	חול חרסיתי בצבע כתום לח	19.8		אין	יש	
K-2	0.5	9:47	חול חרסיתי בצבע כתום	[illegible]		אין	יש	
K-2	1.0	9:48	חול עם בהיר	9.0		אין	יש	
K-2	2.0	9:50	חול חרסיתי בצבע כתום לח	19.8		אין	יש	
K-2	3.0	9:51	חול חרסיתי בצבע כתום לח	11.5		אין	יש	

תאריך תפוגת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PIDתעד קריאת
27/4/24	20.2°		0.0

שם המכשיר PPM: +DATA LOGGER, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: 112284 תאריך ביצוע הכיול: 16/11/19, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:30	כיול ב- באויר	0.0	✓
8:30	כיול באמצעות גז	96.4	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID .
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

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No. 395 מס'

KTE Co. Dr. G. Katz- Technologies & Enterprises	טפסים מעבדה 395
טופס מס': KTE –F20	
מהדורה מס': 03	טופס: בדיקת ממצאי שדה
תקף מתאריך: 29/01/2020	מחליף את: 24/06/2018
עמוד 2 מתוך 2	נכתב ע"י: אייל שוורץ — חתימה:
	אושר ע"י: ד"ר גיל כ"ץ, מנכ"ל — חתימה:

דוגם מוסמך מעבדה 395

שם האתר: תל השומר תאריך דיגום: 27/5/20 שם הדוגם: מיקי דוגלס חתימה: [signature]

מס' סקר חוזה: _____ ציוד הקידוח: Geoprobe

שם הקידוח ומיקומו	עומק דוגמה [m]	שעת הוצאת הדגימה	תיאור חתך הקרקע	PID[ppm]	PID*[ppm] (%20)	ריח (יש/אין)	לחות (יש/אין)	הערות
K-1	0.5	9:53	חול חרסיתי בצבע כתום לח	5.0		אין	יש	
K-1	1.0	9:54	חרסית חולית, אדומה לחה	4.1		אין	יש	
K-1	2.0	9:56		14.1		אין	יש	
K-1	3.0	9:57		15.1		אין	יש	
K-5	0.5	9:59	חול חרסיתי כהה לח	14.5		אין	יש	גרגרים שחורים
K-5	1.0	10:00	חול חרסיתי כהה, אדום/שחור	16.2		אין	יש	
K-5	2.0	10:02	חול חרסיתי כהה לח	19.0		אין	יש	
K-5	3.0	10:02	חול יבש בהיר לח	14.7		אין	יש	

תאריך תפוגת הכיול	טמפ': C° (בתחילת היום)	טמפ': C° (סוף היום)	באוויר השטח הפתוח PID תעד קריאת
27/4/24	20.2c		0.0

שם המכשיר PPM: DATA LOGGER+, סוג: טייגר, מוצר: ION-SCIENCE, מס סידורי: _____ תאריך ביצוע הכיול: 16/11/19, שם מבצע הכיול: עמוס גזית

כייל את המכשיר עם ISOBUTYLENE (הדרישות לקבלת תוצאות הכיול: 100ppm±10%)			
שעת הכיול	סוג הכיול	תוצאת הכיול (ppm)	סמן √ לאישור ביצוע ניקוי הציוד
8:30	כיול ב- באויר	0.0	✓
8:30	כיול באמצעות גז	96.4	

- בצע חזרה ופצל 20% מהדגימות ל-2 שקיות ובצע קריאת PID.
- תעד את כלי האחסון של לקיחת הדוגמא (הקף בעיגול): שקית 50 מיקרון/ צנצנת זכוכית/ צנצנת פלסטיק.

KTE-148-20

טופס שרשרת משמורת- COC

דגימות קרקע – תיעוד ודרישות אנליזה

דף 1 מתוך 3

מהדורה מס': 04

תקף מתאריך: 5/8/2019

KTE - F 19

טופס זה אושר ע"י המנב"ל:

סמן האם סוף דו"ח (√) ___

סוג מכשיר הקידוח: Geoprobe-

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הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

דוגם מוסמך 395 מעבדה

10

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: גיל קוניק
חתימת הדוגם:
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

שם הלקוח: אקוגל פרא
שם אתר דיגום: תל השומר
כתובת האתר: תל השומר
תאריך הדיגום: 20/5/20 | מס סקר חוזה: PC 740275
שם איש הקשר: שרון ___
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר ______
מס' PID (סוג הנורה Ev 10.6): ______ תפוגת הכיול: ______
*התקבל ע"י: ______ . תאריך: ______ . חתימה: ______ . שעה: ______

*ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המעבדה.

שם המשלם: אלוניק
איש קשר לתשלום:
חברה:
טלפון:
הערות לבדיקות הנדרשות

האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא — כרמ
האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא

לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמוך: ☐ בינוני: ☐ עמוק: ☐

זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה	עומק (מטר)	כלי הדיגום	שעת הדיגום	מורכב -מ'- חטף - ח'	תעד חריגות: 1. לא נשמרה בטמפ' מתאימה. 2. לא התקבל או טופל בפרק הזמן הדרוש. 3. התקבל באופן פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום +6	גודל גרגר							משמרת	מס* סידורי רץ (A,B)
K-11 ✓	0.5	5	8:56			9.4	X															A1
K-11 ✓	1.0	5	8:57			2.6			X													A2
K-11 ✓	2.0	5	8:59			7.4			X													A3
K-11 ✓	3.0	5.32	9:00			12.7	X			X	X											A4
K-8 ✓	0.5	5	9:03			9.8	X															A5
K-8 ✓	1.0	5	9:04			4.0	X															A6
K-8	2.0	5	9:06			12.1															X	A7
K-8	3.0	5	9:07			13.1															X	A8
K-9 ✓	0.5	5	9:12			2.0	X															A9
K-9 ✓	1.0	5	9:13			3.9		X														A10
K-9 ✓	2.0	5	9:17			6.1		X														A11
K-9 ✓	3.0	5.32	9:19			5.8	X			X	X											A12

חתימת הדוגם ______ . נמסר ע"י: גיל
תאריך: 20/5/20 שעה: 12:00

משרדי KTE
שם המאחסן: קוניק . מקום אחסון: כרמל
האחראי על מקום האחסון

התקבל במעבדה ע"י ______ חותמת + חתימה ______ שעה: ______
תאריך: ______ . *תעד טמפ' בעת קבלה במעבדה: ______
*באחריות המעבדה האנליטית.

עדים לנטילה הדוג':
שם:
חתימה:

תנאים מטאורולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי   תעד טמפ':

"הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה: "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום ערימות קרקע מזוהמת או החשודה בזיהום ודיגום מוודא"

כלי הדיגום : 1. שרוול קרקע, 2. צנצנת 0.5 ליטר, 2.1. : צנצנת HNO_3 ; 3.1, ויילים 3. : Nacl (תמיסת מלח), 3.2 : מתנול, 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר. 7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום : ______

הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: ______ . תעד ציוד נטילת הדוגמא : Geoprobe

נא לסמן האם הדיגום נעשה בהסמכה : ☒ , לא בהסמכה : ☐ (הרשות להסמכת מעבדות), במידה וזוהו חריגות נא לתעד ______

שם מאשר דו"ח טופס המשמורת : (חתימה+ חותמת) ______ תאריך 20/5/20 השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד ______

תאריך תחילת האחסון : 20/5/20 . שעה: ______ . תאריך סיום האחסון : 27/5/20 . שעה: ______ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

KTE מעבדה מוסמכת

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הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

שם הלקוח:	אקולוג בע"מ
שם אתר דיגום:	תל הזמר
כתובת האתר:	תל הזמר
תאריך הדיגום:	20/5/20 מס סקר חוזה:
שם איש הקשר:	לירז לוי
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):	תפוגת הכיול:
*התקבל ע"י:	תאריך: חתימה: שעה:

דגימות קרקע – תיעוד ודרישות אנליזה
דף 2 מתוך 3
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√)
סוג מכשיר הקידוח: Geoprobe-

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: מיכן קיטש
חתימת הדוגם:
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דוגם מוסר מעבדה 5ג

2

*ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המעבדה.

שם המשלם: אקולוג בע"מ	האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום:	האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:	
טלפון:	
הערות לבדיקות הנדרשות:	לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמוך: ☐ בינוני: ☐ עמוק: ☐

זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה	עומק (מטר)	כלי הדיגום	שעת הדיגום	מורכב -מ' חטף - ח'	תעד חריגות: 1. לא נשמרה בטמפ' מתאימה. 2. לא התקבל או טופל בפרק הזמן הדרוש. 3. התקבל באפון פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום +6	גדל גרגר						משמורת	*מס סידורי רץ (A,B)
K-6	0.5	5	10:18			6.1	[illegible]													X	A13
K-6	1.0	5	10:19			6.6	[illegible]													X	A14
K-6	2.0	5	10:38			4.2	X														A15
K-6	3.0	5	10:40			3.7	X														A16
K7	0.5	5	11:30			1.1														X	A17
K7	1.0	5	11:31			1.9														X	A18
K7	2.0	5	13:30			1.2														X	A19
K7	3.0	5	13:31			1.8														X	A20
K-10	0.5	5	13:35			2.8														X	A21
K-10	1.0	5	13:37			1.4														X	A22
K-10	2.0	5	13:39			3.7														X	A23
K-10	3.0	5	13:40			1.7														X	A24

חתימת הדוגם:	נמסר ע"י:	**משרדי KTE**	התקבל במעבדה ע"י: חותמת + חתימה שעה:
תאריך:	שעה:	שם המאחסן: מקום אחסון:	תאריך: *תעד טמפ' בעת קבלה במעבדה:-
		האחראי על מקום האחסון	*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום ערימות קרקע מזוהמת או החשודה בזיהום ודיגום מוודא"

כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר, 2.1.: צנצנת עם HNO3 ; 3. ויילים, 3.1.: Nacl(תמיסת מלח), 3.2.: מתנול. 3.3.: קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר. 7.1. בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____

נא לסמן האם הדיגום נעשה בהסמכה: ☒, לא בהסמכה: ☐ (הרשות להסמכת מעבדות), במידה וזוהו חריגות נא לתעד: _____. הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____. השיטה: דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe
תאריך תחילת האחסון: _____. שעה: _____. תאריך סיום האחסון: _____. שעה: _____, תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפ

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17029:2017
No. 395 מס'

שם הלקוח:	אקולוג בע"מ
שם אתר דיגום:	תל השומר
כתובת האתר:	תל השומר
תאריך הדיגום:	20/5/24 מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הנורה Ev 10.6):	תפוגת הכיול:
*התקבל ע"י:	תאריך: חתימה: שעה:

דגימות קרקע – תיעוד ודרישות אנליזה
דף 3 מתוך 3
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√) ✓
סוג מכשיר הקידוח:-Geoprobe

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: עמ' קיצי
חתימת הדוגם:
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דוגם מוסמך מעבדה 395

2

*ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המעבדה.

שם המשלם: אקולוג בע"מ	האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
איש קשר לתשלום:	האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
חברה:	
טלפון:	
הערות לבדיקות הנדרשות:	לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמוך: ☐ בינוני: ☐ עמוק: ☐

זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה	עומק (מטר)	כלי הדיגום	שעת הדיגום	מורכב -מ' חטף - ח'	תעד חריגות: 1. לא נשמרה בטמפ' מתאימה. 2.לא התקבל או טופל בפרק הזמן הדרוש. 3.התקבל באפון פגום.	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום +6	גודל גרגר						משמורת	*מס סידורי רץ (A,B)
K-12	0-5	5	13:45			1.0														X	
K-12	1.0	5	13:46			2.4														X	
K-12	2.0	5	13:48			1.9														X	
K-12	3.0	5	13:49			2.8														X	
FB ✓							X		X												
TB ✓											X										

חתימת הדוגם _____ . נמסר ע"י: _____	משרדי KTE	התקבל במעבדה ע"י _____ חותמת + חתימה _____ שעה : _____	עדים לנטילת הדוג'
תאריך: _____ שעה: _____	שם המאחסן: _____ .מקום אחסון: _____	תאריך: _____ . *תעד טמפ' בעת קבלה במעבדה:- _____	שם:
	האחראי על מקום האחסון	*באחריות המעבדה האנליטית.	חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום ערימות קרקע מזוהמת או החשודה בזיהום ודיגום מוודא"
כלי הדיגום : 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1. : צנצנת עם HNO3 ; 3.ויילים,3.1 : Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום: _____
נא לסמן האם הדיגום נעשה בהסמכה: ☒, לא בהסמכה: ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד: _____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: _____
שם מאשר דו"ח טופס המשמורת: (חתימה+ חותמת) _____ תאריך _____ . השיטה: דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא: Geoprobe
תאריך תחילת האחסון: _____ . שעה: _____ . תאריך סיום האחסון: _____ . שעה: _____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה: 395
שם הדוגם: מיקה בוים
חתימת הדוגם:
כתובת הארגון: המגינים 53 חיפה 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

מעבדה 395 מוסמכת

דגימות קרקע – תיעוד ודרישות אנליזה
דף 1 מתוך 2
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√) ___
סוג מכשיר הקידוח: Geoprobe

שם הלקוח: [illegible]
שם אתר דיגום: תל השומר
כתובת האתר: תל השומר
תאריך הדיגום: 21/5/20 מס סקר חוזה:
שם איש הקשר:
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר
מס' PID (סוג הנורה 10.6 Ev): 11528 תפוגת הכיול: 16/11/20
*התקבל ע"י: ____ , תאריך: ____ , חתימה: ____ . שעה:

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס׳

*ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המעבדה.

שם המשלם: הקליטה [illegible]
איש קשר לתשלום: [illegible]
חברה:
טלפון:
הערות לבדיקות הנדרשות

האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא

לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטית המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמוך: ☐ בינוני: ☐ עמוק: ☐

זיהוי נק' הדיגום ע"פ בקשת מזמין העבודה	עומק (מטר)	כלי הדיגום	שעת הדיגום	מורכב "מ" - חטף "ח"	תעד חריגות: 1. לא נשמרה בטמפ' מתאימה. 2. לא התקבל או טופל בפרק הזמן הדרוש. 3. התקבל באופן פגום	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום 6+	גודל גרגר							משמרת	מס' סידורי רץ (A,B)*
K-3	0.5	5	9:30			9.3	X		X													A1
K-3	1.0	5	9:31			12.3															X	A2
K-3	2.0	5	9:33			5.5															X	A3
K-3	3.0	5,3-2	9:34			11.0	X		X	X	X											A4
K-4	0.5	5	9:44			19.6	X		X													A5
K-4	1.0	5	9:46			~~[illegible]~~ 19.7															X	A6
K-4	2.0	5	9:44			~~[illegible]~~ 11.4															X	A7
K-4	3.0	5,2-3	9:45			~~[illegible]~~ 19.8	X		X	X	X											A8
K-2	0.5	5	9:47			13.8	X		X													A9
K-2	1.0	5	9:48			3.8																A10
K-2	2.0	5	9:50			19.2	X														X	A11
K-2	3.0	5,2-3	9:51			11.5	X		X	X	X											A12

חתימת הדוגם: מיקה בוים ✓ נמסר ע"י:
תאריך: 21/5/20 שעה: 15:00

משרדי KTE
שם המאחסן: קרן ול מקום אחסון: [illegible]
האחראי על מקום האחסון

התקבל במעבדה ע"י ____ חותמת + חתימה ____ שעה: ____
תאריך: ____ , *תעד טמפ' בעת קבלה במעבדה:-
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג':
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום ערימות קרקע מזוהמת או החשודה בזיהום ודיגום מורדא"

כלי הדיגום: 1. שרוול קרקע, 2. צנצנת 0.5 ליטר, 2.1. : צנצנת עם HNO_3 ; 3. ויילים, 3.1: Nacl(תמיסת מלח), 3.2 : מתנול, 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB), 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר 7.1. בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום : ____
נא לסמן האם הדיגום נעשה בהסמכה: ☑ לא בהסמכה: ☐ (הדרישות להסמכת מעבדה) , במידה וזוהו חריגות נא לתעד: ____ . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך: ____
שם מאשר דו"ח טופס המשמורת : (חתימה+ חותמת) ____ תאריך ____ השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא : Geoprobe
תאריך תחילת האחסון: 21/5/20 שעה: ____ תאריך סיום האחסון: 28/5/20 , שעה: ____ , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא

KTE מכון אקולוגי

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025:2017
No. 395 מס'

שם הלקוח:	אחלוג בע"מ
שם אתר דיגום:	תל הסומר
כתובת האתר:	תל הסומר
תאריך הדיגום:	27/5/20 מס סקר חוזה:
שם איש הקשר:	
ייעוד הקרקע: מגורים/ מסחר/תעשייה/חקלאות/ אחר	
מס' PID (סוג הגורה Ev 10.6):	תפוגת הכיול:
*התקבל ע"י:	תאריך: חתימה: שעה:

דגימות קרקע – תיעוד ודרישות אנליזה
דף 2 מתוך 2
מהדורה מס': 04
תקף מתאריך: 5/8/2019
KTE - F 19
טופס זה אושר ע"י המנכ"ל:
סמן האם סוף דו"ח (√) √
סוג מכשיר הקידוח:-Geoprobe

טופס שרשרת משמורת- COC

ארגון דוגם: ד"ר כ"ץ טכנולוגיות.
מס' הסמכה::395
שם הדוגם: מיקי פוקס
חתימת הדוגם:
כתובת הארגון: המגינים 53 חיפה, 33265
טלפון: 04-8553343
פקס: 04-8553317
מייל: gil@kte.co.il

דוגם מוסמך מעבדה 395

*ימולא במקרה שהדגימה נמסרה לאדם שאינו נציג המעבדה.

שם המשלם: אחלוג בע"מ
איש קשר לתשלום: גורל לוי
חברה:
טלפון:
הערות לבדיקות הנדרשות:
האם הקידוח בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
האם הדיגום בוצע ע"י קבלן משנה: (הקף בעיגול) כן/לא
לשימוש המעבדה האנליטית בלבד

שם המעבדה האנליטת המבצעת את הבדיקות: ALS
תוצאות המעבדה יועברו במייל:
תוצאות המעבדה יועברו בפקס:
רמת דחיפות קבלת אנליזות (הקף בעיגול) : 3 ימי עבודה , 4 ימי עבודה , 5 ימי עבודה , נוהל רגיל.
בדיקות נדרשות + % רטיבות

אין להעתיק חלקים מטופס זה ללא אישור המעבדה
הצהרה: טופס זה מתייחס רק לפריטים שנדגמו
גובה משוער מפלס מי תהום:
נמוך: ☐ בינוני: ☐ עמוק: ☐

זיהוי נק' הדיגום. ע"פ בקשת מזמין העבודה	עומק (מטר)	כלי הדיגום	שעת הדיגום	מורכב -מ' חטף - ח'	תעד חריגות: 1. לא נשמרה בטמפ' מתאימה. 2.לא התקבל או טופל בפרק הזמן הדרוש. 3.התקבל באפון פגום	PID (ppm)	TPH DRO/ORO	TPH GRO	ICP	SVOC	VOC	pH	כרום +6	גידל גרגר						משמורת	*מס סידורי רץ (A,B)
K-1	0.5	5	9:53			5.0	X		X												A13
K-1	1.0	5	9:54			4.1														X	A14
K-1	2.0	5	9:56			14.1														X	A15
K-1	3.0	5,3-2	9:57			15.1	X		X	X	X										A16
K-5	0.5	5	9:59			14.5	X		X												A17
K-5	1.0	5	10:00			16.2														X	A18
K-5	2.0	5	10:01			19.0														X	A19
K-5	3.0	5,2-3	10:02			14.7	X		X	X	X										A20

חתימת הדוגם: נמסר ע"י:
תאריך: שעה:

משרדי KTE
שם המאחסן: מקום אחסון:
האחראי על מקום האחסון

התקבל במעבדה ע"י חותמת + חתימה שעה :
תאריך: *תעד טמפ' בעת קבלה במעבדה:-
*באחריות המעבדה האנליטית.

עדים לנטילת הדוג'
שם:
חתימה:

תנאים מטראולוגיים:(הקף בעיגול) יום גשום/ מעונן/ קיצי תעד טמפ':

הדיגום מבוצע בהתאם להנחיות המעודכנות ביותר של המשרד להגנת הסביבה "הנחיות מקצועיות לביצוע סקר קרקע", "הנחיות מקצועיות לחפירה, דיגום ערימות קרקע מזוהמת או החשודה בזיהום ודיגום מוודא"
כלי הדיגום : 1. שרוול קרקע, 2.צנצנת 0.5 ליטר,2.1. : צנצנת עם HNO3 ; 3.ויילים,3.1 : Nacl(תמיסת מלח), 3.2 : מתנול. 3.3 : קרקע נקייה 2 גרם+ תמיסת מלח (TB). 4. צנצנת פלסטיק, 5. צנצנת זכוכית שקופה, 6. צנצנת זכוכית כהה, 7. בקבוק זכוכית חום כהה 1 ליטר.7.1 בקבוק 1 ליטר + מים. הערות כלליות לגבי אתר הדיגום :
נא לסמן האם הדיגום נעשה בהסמכה : ☑, לא בהסמכה : ☐ (הרשות להסמכת מעבדות) , במידה וזוהו חריגות נא לתעד : . הדיגום בוצע לפי תוכנית דיגום מאושרת ע"י המשרד להגנ"ס מתאריך :
שם מאשר דו"ח טופס המשמורת : (חתימה+ חותמת) תאריך . השיטה : דיגום קרקע/ דיגום מערום/ דיגום בור חפיר. תעד ציוד נטילת הדוגמא :
תאריך תחילת האחסון : שעה : תאריך סיום האחסון : שעה : , תנאי האחסון (הקף בעיגול) צידנית/ מקרר/מקפיא