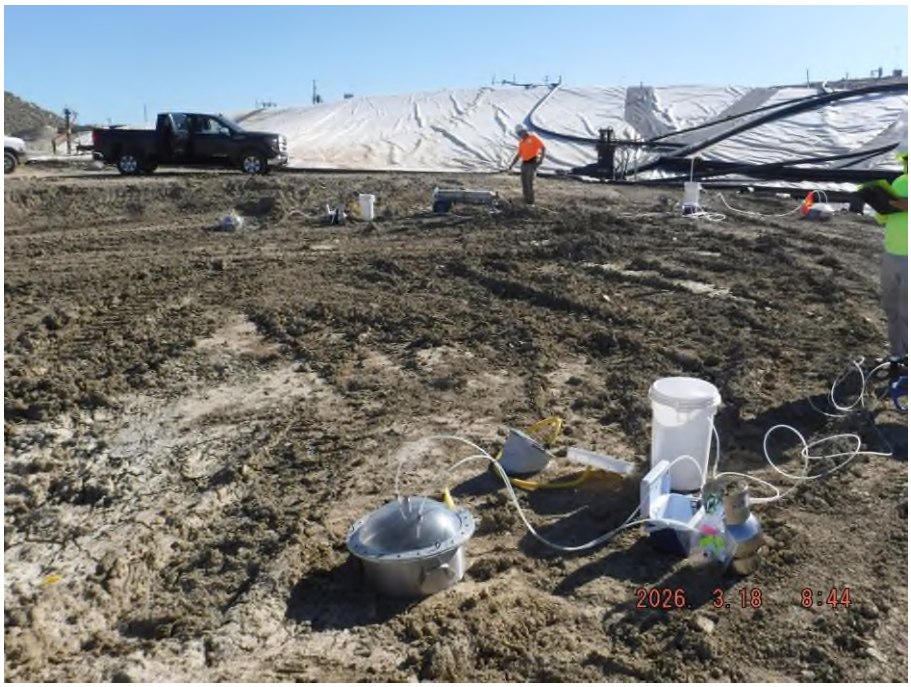
Vertedero de Chiquita Canyon
Castaic, California

Evaluación de Emisiones de Aire de Superficies de Vertederos



Evento de Prueba 7

Informe

Mayo de 2026

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1. Memorándum Técnico de Validación de Datos
2. Protocolo de Origen para las Pruebas

1. Introducción

Antecedentes

El Vertedero de Chiquita Canyon (CCLF o el Vertedero) es un vertedero de desechos sólidos municipales (MSW) ubicado en el norte del Condado de Los Ángeles. Un área del Vertedero ha experimentado temperaturas elevadas de gas y hundimiento de la superficie, acompañado de generación elevada de gases, debido a la reacción de la subsuperficie. Este informe está previsto para que proporcione una evaluación de las emisiones del aire (Evento de Prueba No. 7) para determinar las emisiones en el aire superficial del vertedero tanto del área del Vertedero afectada por la reacción como de las áreas no afectadas por la reacción. Los eventos de prueba previos del Vertedero se realizaron los siguientes días:

1. Del 29 al 31 de agosto de 2023
2. Del 19 al 21 de marzo de 2024
3. Del 19 al 21 de noviembre de 2024
4. Del 19 al 21 de marzo de 2025
5. 15-23 de julio de 2025
6. Del 10 al 25 de noviembre de 2025

El Séptimo Evento de Prueba que se describe en este informe se realizó el 16-20 de marzo de 2026.

Ubicación del Sitio

El sitio de prueba es el Vertedero de Chiquita Canyon que se encuentra ubicado en 29201 Henry Mayo Drive, Castaic, California, 91384.

Figura 1.1 Mapa de Ubicación del Sitio.



Descripción de las Instalaciones

Desde el momento del Cuarto Evento de Prueba, el Vertedero de Chiquita Canyon ha sido un centro de disposición de MSW inactivo y ha estado recibiendo desechos.

Objetivo

El objetivo de esta evaluación de emisiones fue cuantificar por mediciones de campo las emisiones en el aire de gases fijos (incluyen metano, dióxido de carbono y monóxido de carbono), compuestos de azufre reducidos y compuestos orgánicos volátiles (VOCs) de especiación del área del Vertedero afectado mediante la reacción y las áreas no afectadas por la reacción.

Metodología

Las emisiones al aire del Vertedero se midieron directamente utilizando la Cámara de Flujo con Aislamiento de Emisiones en la Superficie (cámara de flujo) de la Agencia de Protección Ambiental de Estados Unidos (USEPA) siguiendo el documento de Orientación al Usuario de USEPA (consulte la Foto 1.1). Se tomaron muestras completas del aire de la cámara de flujo utilizando depósitos Summa® y bolsas Tedlar® con análisis que siguieron los siguientes métodos:

- ASTM D-1945/USEPA Método 3C para gases fijos (incluyen metano, dióxido de carbono y monóxido de carbono);
- Método TO-15 (MS) de USEPA para 1-1-Difluoroetano (1,1-DFA, se agregaron vestigios de gas para determinar el flujo advectivo);
- Método 307-91 del Distrito de Gestión de la Calidad del Aire de la Costa Sur (SCAQMD) para ácido sulfhídrico (H_2S)/azufre reducido orgánico (ORS);
- Método TO-14 (GC/FID) de USEPA para VOCs de especiación;
- Método TO-15 (GC/MS) de USEPA para VOCs de especiación (incluye compuestos identificados tentativamente); y
- Método TO-12 de USEPA para el total de VOC (hidrocarburo total sin metano (TNMHC) con grupo funcional/distribución de peso molecular.

Los flujos de las superficies del suelo pueden ser difusivos (conducidos por acción molecular), advectivos (conducidos por el movimiento del gas) o una combinación de ambos. Dado que se esperaba que la superficie del vertedero tendría un flujo advectivo en algún lugar o en varios lugares, la evaluación de la cámara de flujo incluyó el uso de un rastreador (1-1-Difluoroetano (1,1-DFA), analizado según el Método TO-15 de USEPA) en el gas del aire barrido de la cámara, según

Foto 1.1 Cámara de Flujo de USEPA Usada en el Programa de Pruebas.



la Regla 1133.3 del SCAQMD, Adjunto A. Se utilizó la dilución de los vestigios tomado de las muestras de los depósitos evaluados para calcular el flujo total en la cámara de flujo y así evaluar las emisiones. Se debe tener en cuenta que las muestras del TO-12, TO-14, TO-15, del Método 3C de USEPA y del Método 3C de USEPA fueron tomadas y analizadas del mismo depósito de toma de muestras.

Nomenclatura de la Superficie del Vertedero

Para los propósitos de esta prueba, la superficie del Vertedero se dividió en las siguientes áreas:

Zona No Reactiva

Es la parte del Vertedero que no se ve afectada por la reacción del vertedero y que no excedió el límite de datos integrados de la Regla 1150.1 del SCAQMD de 25 partes por millón por volumen (ppmv) el 2 de marzo de 2026, las fechas del evento SEM en todo el sitio, cuyos datos fueron utilizados para seleccionar las celdas de prueba.

Zona de Membrana

Incluye la zona reactiva, la parte del Vertedero designada como afectada por la reacción del vertedero, según la definición del personal de SCS Engineers (SCS) en cumplimiento con los procedimientos establecidos por el Comité de la Reacción y que no excedió el límite de datos integrados de la Regla 1150.1 del SCAQMD el 2 de marzo de 2026 (Consulte en el Apéndice 1 la delineación de la Zona Reactiva utilizada para este informe); como también parte de la zona sin reacción contigua que está cubierta con una membrana de HDPE según la Foto 1.2.

Foto 1.2 Cámara de Flujo en la Parte que Cubre la Membrana del Vertedero.



Zona de Interfaz de Cobertores de Membrana/Suelo

Son las Celdas de la Cuadrícula SEM que tienen cubiertas de suelo parcial y cubiertas de membrana de HDPE.

Zona de Excesos

Es la parte del Vertedero designada como afectada por la reacción del vertedero que excedió el límite de datos integrados de la Regla 1150.1 del SCAQMD el 2 de marzo de 2026. Esta parte del Vertedero fue considerada por separado, para evaluar cualquier impacto que podrían tener de las celdas de la cuadrícula que excedieron los criterios de los datos integrados de la Regla 1150.1 en las emisiones totales en la superficie del sitio. Se debe tener en cuenta que estas celdas de la cuadrícula están sujetas a un estricto programa de remediación; por lo tanto, emisiones elevadas de estas celdas serían un fenómeno temporal.

Área de Celdas Anómalas

Es la parte del Vertedero donde existían las condiciones al momento de realizar los análisis y se esperaba que los índices de flujo fueran más altos. Esta categoría de origen no está en el Protocolo de Análisis del Origen actual. Además de las áreas indicadas arriba, nos orientamos a dos celdas que estaban en la categoría de la Zona de Membrana porque tenían datos del sitio (que no eran datos SEM) que sugerían un potencial de emisiones de aire. Los detalles por los que se seleccionaron estas celdas se indicarán más abajo en este informe. Esta área (como categoría de origen separada) no se utilizó en ninguna cuantificación de emisiones en este informe, excepto donde se indicó específicamente. Los valores de las emisiones primarias indicados en este informe fueron cuantificados utilizando todos los datos tomados, pero solo en las categorías del origen del protocolo actual, que son Excedencia, Membrana, Interfaz y Zona Sin Reacción. Las emisiones

que se calcularon utilizando todas las categorías del origen mencionadas se cuantificaron separadas y se proporcionan en este informe con una notación especial. Excepto unas pocas excepciones, las diferencias entre los métodos fueron poco importantes.

Superficie de la Calle

Para este evento de prueba, se analizó una parte de la superficie de la calle. Esta prueba se realizó únicamente para comparar las emisiones en la superficie de la calle con emisiones en la superficie de la membrana.

2. Alcance de la Toma de Muestras

Cada zona del Vertedero fue testeada utilizando la tecnología de cámara de flujo. Se utilizaron los datos tomados de las mediciones de la cámara de flujo en lugares representativos dentro de las celdas de la cuadrícula para calcular los siguientes constituyentes del Vertedero: VOCs, compuestos de azufre, contaminante tóxico del aire (TAC) y emisiones de gases fijos.

El alcance de trabajo completo para la evaluación de las emisiones se indica en la Tabla 2.1.

Tabla 2.1 Alcance del Trabajo para la Evaluación de Emisiones de Aire.

	Alcance	
Categoría del Origen	**Origen Nivel**	**Cantidad de Sets de Muestras**
Zona No Reactiva	Alto	4
	Medio	4
	Medio	4
	Bajo	4
Zona de Interfaz	Alto	4
	Medio	4
	Medio	4
	Bajo	4
Zona de Membrana	Alto	4
	Medio	4
	Medio	4
	Bajo	4
Zona de Excesos		4
Superficie de la Calle		4
Total de Ubicaciones de Muestreo		**56**
Aseguramiento de la Calidad/Control de calidad		10
Cantidad Total de Sets de Muestras		66

3. Estrategia para la Toma de Muestras

Selección de los Lugares de Toma de Muestras

Las ubicaciones de las tomas de muestras fueron seleccionadas en base a los datos de SEM obtenidos durante el programa SEM de la Regla 1150.1 del SCAQMD. El programa SEM consiste en realizar un levantamiento de la superficie del Vertedero sobre una pista utilizando un instrumento portátil en el campo, calibrado, sensible al metano y a hidrocarburos no metanos totales (TNMHC). El patrón de la cuadrícula del vertedero se muestra en la Figura 3.1. Las celdas de la cuadrícula sobre las zonas del Vertedero afectadas por la reacción se encuentran nombradas. Las celdas de la cuadrícula en las que se tomaron muestras están marcadas con una figura geométrica.

Metodología para la Selección de Celdas de Prueba

Esta evaluación de emisiones se llevó a cabo analizando los datos de SEM de la Regla 1150.1 y categorizando las zonas del Vertedero en base a las emisiones de la superficie. En este sitio, los eventos de SEM se realizaron con una frecuencia de cada dos semanas.

Los eventos del SEM se llevaron a cabo utilizando un instrumento apto con un detector de ionización de llama (FID) junto con una grabación del lugar por sistema de posicionamiento global (GPS) para cartografiar las concentraciones de hidrocarburos fugitivos en la superficie siguiendo un patrón en cada celda de la cuadrícula para el sitio. Los datos instantáneos de las concentraciones fugitivas se determinan recorriendo el lugar a pie en forma de serpentina por cada celda de cuadrícula del Vertedero de 50,000 pies cuadrados (pies^2) nominales. Los datos integrados de las concentraciones se determinan promediando las lecturas de los instrumentos obtenidas mientras se atravesaba el camino en forma de serpentina, como se ilustra en la Figura 3.2.

Se toman y se guardan los datos de las concentraciones de emisiones y la información de la ubicación con el propósito de clasificar las celdas de la cuadrícula en el Vertedero por concentración de emisiones. Los datos de las concentraciones integradas fueron utilizados para "clasificar" las celdas de la cuadrícula en categorías de emisiones altas, emisiones medias y emisiones bajas. Se utilizaron los datos instantáneos de las concentraciones fugitivas para seleccionar lugares representativos para realizar las pruebas de la cámara de flujo donde se tomaron los datos del flujo para observar los VOCs, azufre y contaminantes tóxicos del aire. Se utilizó el flujo de estos lugares representativos para estimar las emisiones de aire de toda la superficie de estas celdas.

Superficie de la Calle

Para este evento de prueba, se analizó la superficie de la sección de una calle para determinar cómo se comparan las emisiones de la superficie de la calle con las superficies del Vertedero cubiertas por membrana de HDPE. La Figura 3.3 muestra la parte de la superficie de la calle que se analizó. Se analizó la superficie de la calle en la línea central utilizando los mismos métodos y tecnología que se utilizaron para los estudios de SEM del vertedero.

Figure 3.1 Chiquita Canyon Landfill Test Grid Cells.

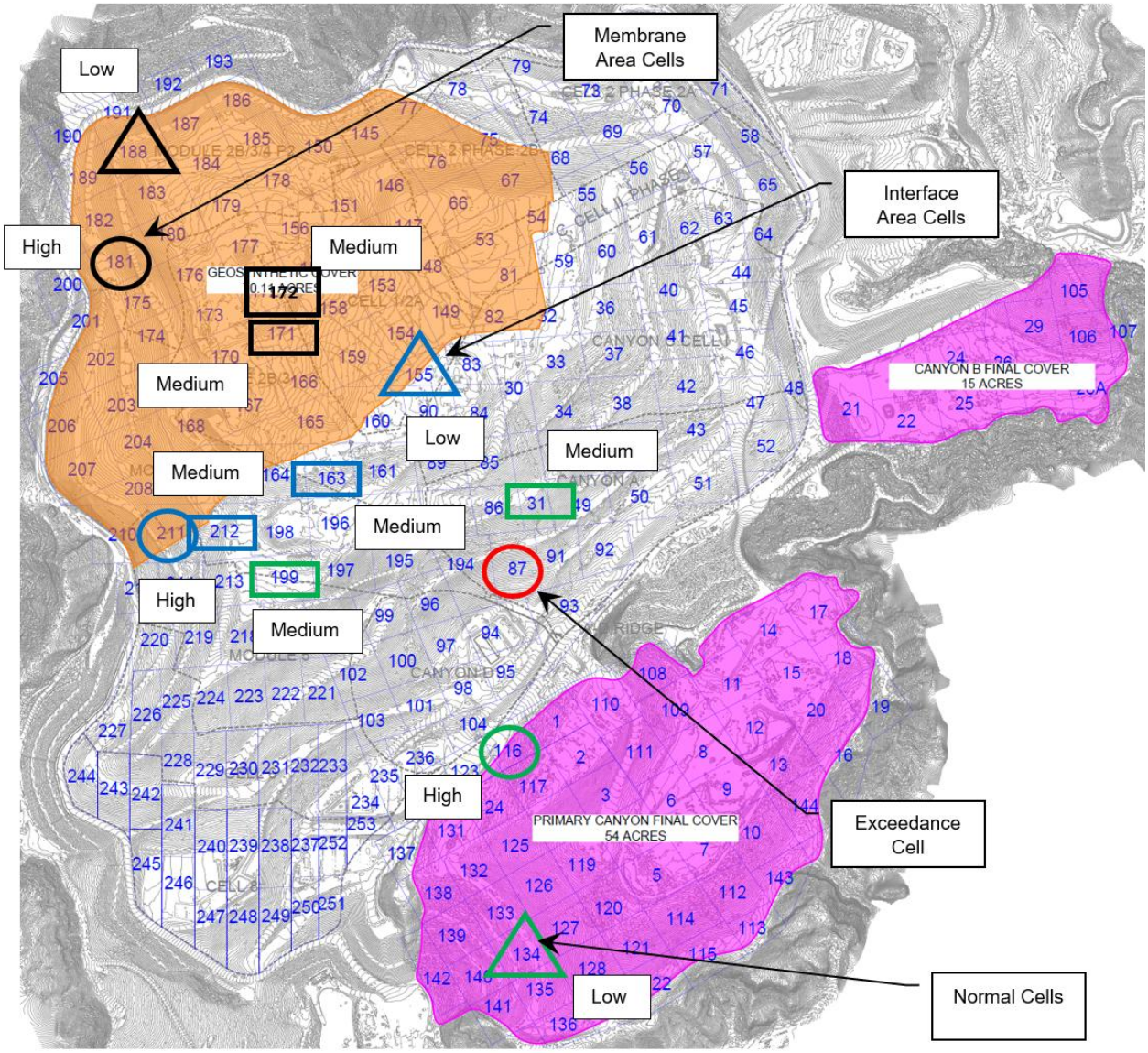


Figure 3.2 Typical Serpentine Landfill Walk Pattern for a 50,000 Square Foot Grid (from Rule 1150.1).

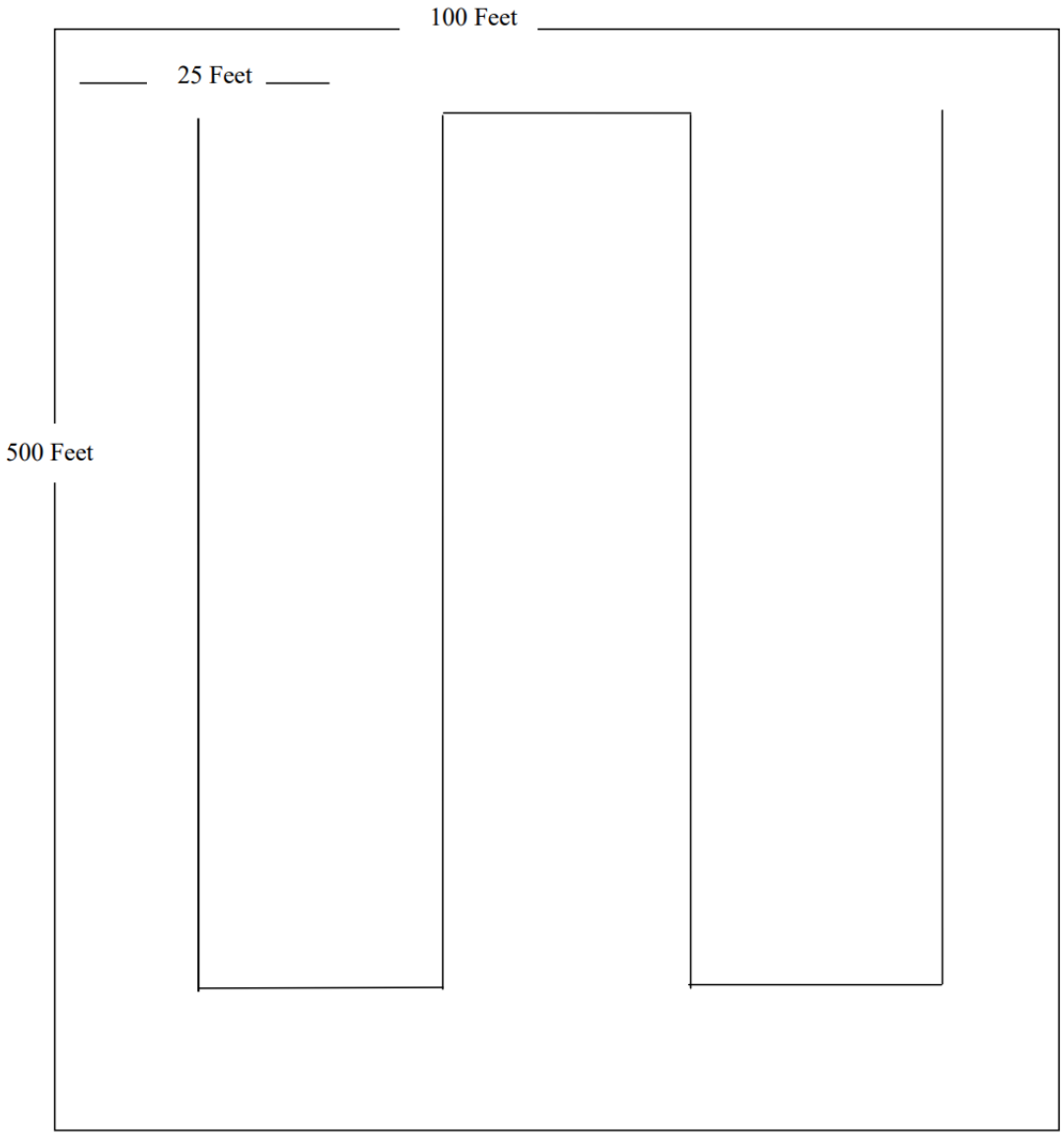


Figure 3.3 Road Section that was tested for Surface Emissions.



Protocolo de Legado y Metodología Revisada para el Análisis de Datos del Protocolo

Durante la planificación de este evento, el SCAQMD sugirió que debían utilizarse otros datos, además de los datos de SEM, para seleccionar "celdas anómalas" donde existen condiciones al momento del análisis que se espera que darán como resultado índices de flujo más altos. Estos datos adicionales pueden incluir datos sobre:

- Presiones de los pozos
- Temperaturas de la subsuperficie
- Carácter del gas extraído
- Datos sobre el metano de los vuelos en drones

Para acomodar la sugerencia del SCAQMD indicada en el informe para este evento de prueba, se seleccionaron las celdas con membrana para analizar los medios (171 y 172) para que representen tanto los resultados de SEM como de las celdas que históricamente mostraban presión alta en los pozos. Después se calcularon las emisiones del sitio para cada compuesto en base tanto al protocolo de legado como al protocolo revisado que incluía estas "celdas anómalas". Los futuros eventos de prueba tendrán una categoría de origen separada que incluya estas celdas anómalas. No obstante, se debe tener en cuenta que todos los resultados de este informe se basan en el método de "Análisis del Protocolo de Legado" utilizando todos los datos recopilados en este evento de prueba, a menos que se indique otra cosa. No obstante, las emisiones también se calculan utilizando las categorías del origen del "Protocolo Revisado (Nuevo)" y están anotadas como tales. En general, este método de análisis revisado produjo resultados de emisiones del aire similares para la mayoría de los compuestos.

Tablas de Datos SEM

Las tablas 3.1 a 3.3 muestran los datos integrados del SEM clasificados para las celdas de las zonas no reactivas durante el 2 de marzo de 2026. La tabla 3.4 muestra los datos integrados del SEM clasificados para las celdas de las zonas con interfaz de cubierta de membrana/suelo durante el período del 2 de marzo de 2026. Las tablas 3.5 a 3.6 muestran los datos integrados del SEM clasificados para las celdas de las zonas con membrana durante el período del 2 de marzo de 2026. La tabla 3.7 muestra los datos integrados del SEM clasificados para las celdas de las zonas anómalas durante el período del 2 de marzo de 2026. La Tabla 3.8 muestra los datos integrados del SEM clasificados para las celdas de las zonas con excedencias durante el período del 2 de marzo de 2026. La fila de la celda real probada en cada tabla se resalta en amarillo.

La estructura de las Tablas 3.1 a 3.8 es de la siguiente manera:

- Columna 1: designación numérica de la celda de la cuadrícula.
- Columna 2: área de la superficie de cada celda de la cuadrícula (cada celda de la cuadrícula nominalmente es de 50,000 pies cuadrados, pero para este análisis, se utiliza el área exacta de cada celda de la cuadrícula).
- Columna 3: valores del SEM integrados (respuesta de FID como ppmv de metano) para cada evento de SEM del 2 de marzo de 2026.
- Columna 4: promedio acumulado de todas las celdas de la cuadrícula por encima de la celda de la cuadrícula en cuestión.
- Columna 5: porcentaje del total de las celdas de la cuadrícula en el agrupamiento de celdas de la cuadrícula.

Tabla 3.1 Resumen de Datos de la Cuadrícula Integrada Ordenada de las Celdas de la Zona No Reactiva (2 de marzo de 2026) (ppmv de metano del FID); Celdas de Emisiones Altas.

Identificación de la Celda de la Cuadrícula Número	Área de Superficie (pies²)	Valor FID Integrado (3/2)	Valor Integrado Acumulado	Fracción del Total
234	42,867	24.69	24.69	1%
229	49,011	24.5	49.19	2%
238	31,614	24.37	73.56	3%
231	50,572	23.5	97.06	4%
222	47,335	23.4	120.46	5%
252	23,555	23.17	143.63	6%
244	45,884	22.72	166.35	7%
230	49,427	22.6	188.95	8%
237	30,995	22.42	211.37	9%
39	62,100	22.16	233.53	10%
220	49,909	22.1	255.63	11%
233	49,820	22.1	277.73	12%
221	45,169	22	299.73	13%
232	49,006	21.6	321.33	14%
102	45,969	21.5	342.83	15%
116	39,267	21.5	364.33	16%
51	62,750	21.41	385.74	17%
162	60,853	21.3	407.04	18%
228	32,278	21.3	428.34	19%
248	42,748	21.3	449.64	20%
101	42,395	21.2	470.84	21%
34	55,632	21.18	492.02	22%
216	50,931	21.18	513.2	23%
100	44,490	21.16	534.36	23%
214	40,386	20.7	555.06	24%
35	56,295	20.39	575.45	25%
38	60,634	20.31	595.76	26%
118	45,475	20.31	616.07	27%
217	53,205	20.31	636.38	28%
219	49,910	20.3	656.68	29%
218	52,805	20.24	676.92	30%
99	46,820	20.22	697.14	31%
117	42,797	20.22	717.36	32%
2	45,352	20.16	737.52	32%
103	44,432	20.1	757.62	33%

Nota: Esta celda de la cuadrícula de prueba se utilizó tanto para los métodos de análisis de datos del Protocolo de Legado como para los métodos de análisis de datos del Protocolo Revisado. La fila de la celda real probada en esta tabla (Número de Identificación de Celda de 116 de la Cuadrícula) se resalta en amarillo.

Las metas para las celdas de prueba son: el 16.7% del total de celdas de la cuadrícula del agrupamiento de celdas de la cuadrícula para el grupo alto (es el punto medio del punto superior del 33% de emisiones que representa el grupo alto), el 50% para el grupo medio y el 83.3% para el grupo bajo.

Tabla 3.2 Resumen de Datos de la Cuadrícula Integrada Ordenada de las Celdas de la Zona No Reactiva (2 de marzo de 2026) (ppmv de metano del FID); Celdas de Emisiones Medias.

Identificación de la Celda de la Cuadrícula Número	Área de la Superficie (pies²)	Valor FID Integrado (3/2)	Valor integrado Acumulado	Fracción del Total
125	46,593	20.1	777.72	34%
198	58,685	20.1	797.82	35%
224	47,895	19.95	817.77	36%
226	48,737	19.93	837.7	37%
242	45,188	19.91	857.61	38%
213	46,753	19.9	877.51	39%
251	36,070	19.9	897.41	39%
253	50,000	19.72	917.13	40%
88	47,618	19.7	936.83	41%
1	42,205	19.69	956.52	42%
227	45,403	19.66	976.18	43%
196	52,053	19.6	995.78	44%
123	37,280	19.5	1015.28	45%
243	45,926	19.5	1034.78	45%
86	43,299	19.46	1054.24	46%
249	52,520	19.45	1073.69	47%
17	54,072	19.36	1093.05	48%
31	55,775	19.3	1112.35	49%
199	52,647	19.3	1131.65	50%
239	49,597	19.27	1150.92	51%
50	61,680	19.25	1170.17	51%
126	48,416	19.2	1189.37	52%
49	55,750	18.86	1208.23	53%
223	48,150	18.8	1227.03	54%
92	47,660	18.78	1245.81	55%
124	43,289	18.6	1264.41	56%
197	56,626	18.4	1282.81	56%
3	50,019	18.37	1301.18	57%
225	38,630	18.33	1319.51	58%
246	49,934	18.2	1337.71	59%
161	60,199	18.17	1355.88	60%
195	44,221	18.1	1373.98	60%
96	45,229	17.9	1391.88	61%
33	50,273	17.85	1409.73	62%
37	57,548	17.69	1427.42	63%
84	48,990	17.61	1445.03	63%
83	38,592	17.57	1462.6	64%
89	47,690	17.51	1480.11	65%
85	45,482	17.49	1497.6	66%
30	53,460	17.11	1514.71	67%
36	60,138	16.68	1531.39	67%
15	55,063	16.53	1547.92	68%

Nota: Esta celda de la cuadrícula de prueba se utilizó tanto para los métodos de análisis de datos del Protocolo de Legado como para los métodos de análisis de datos del Protocolo Revisado. La fila de las celdas reales probadas en esta tabla (Números de Identificación de Celda 31 y 239 de la Cuadrícula) se resalta en amarillo. No se pudo acceder a la Celda 199 debido a una actividad de construcción.

Tabla 3.3 Resumen de Datos de la Cuadrícula Integrada Ordenada de las Celdas de la Zona No Reactiva (2 de marzo de 2026) (ppmv de metano del FID); Celdas de Emisiones Bajas.

Identificación de la Celda de la Cuadrícula Número	Área de Superficie (pies²)	Valor FID Integrado (3/2)	Valor integrado Acumulado	Fracción del Total
63	57,567	16.5	1564.42	69%
245	39,969	16.32	1580.74	69%
65	58,090	15.6	1596.34	70%
14	57,525	15.3	1611.64	71%
120	46,799	15.1	1626.74	71%
247	50,770	14.64	1641.38	72%
143	48,041	14.26	1655.64	73%
133	44,845	14.2	1669.84	73%
59	53,384	13.81	1683.65	74%
235	19,742	13.72	1697.37	75%
115	52,538	13.4	1710.77	75%
18	42,901	13.22	1723.99	76%
64	51,169	13.2	1737.19	76%
61	58,640	12.9	1750.09	77%
240	48,923	12.8	1762.89	77%
241	49,029	12.62	1775.51	78%
113	31,853	12.5	1788.01	79%
131	41,070	12.25	1800.26	79%
127	48,271	11.5	1811.76	80%
194	71,501	11.4	1823.16	80%
20	53,895	11.32	1834.48	81%
140	42,878	11.3	1845.78	81%
129	46,067	11.2	1856.98	82%
136	33,845	11.2	1868.18	82%
122	45,247	11.1	1879.28	83%
119	46,712	11.09	1890.37	83%
134	43,452	11.08	1901.45	84%
132	43,711	11	1912.45	84%
112	46,549	10.55	1923	84%
130	34,533	10.5	1933.5	85%
114	58,149	10.3	1943.8	85%
135	43,154	10.2	1954	86%
121	46,453	10.09	1964.09	86%
138	46,590	10.09	1974.18	87%
141	41,413	10.09	1984.27	87%
97	42,564	9.92	1994.19	88%
128	48,480	9.25	2003.44	88%
137	45,071	9.08	2012.52	88%
98	41,663	8.72	2021.24	89%
142	46,169	8.5	2029.74	89%
139	46,331	8.2	2037.94	90%
79	87,028	7.82	2045.76	90%
19	57,192	7.2	2052.96	90%
10	66,970	6.9	2059.86	90%
57	58,263	6.82	2066.68	91%
46	57,683	6.72	2073.4	91%
48	55,467	6.72	2080.12	91%
16	60,337	6.7	2086.82	92%
110	55,586	6.6	2093.42	92%
109	55,703	6.39	2099.81	92%
40	56,878	6.3	2106.11	93%
13	54,190	6.1	2112.21	93%
41	58,579	6.05	2118.26	93%
111	54,270	5.98	2124.24	93%
144	68,243	5.8	2130.04	94%
108	52,575	5.79	2135.83	94%
43	55,491	5.72	2141.55	94%
44	35,715	5.72	2147.27	94%
107	22,162	5.62	2152.89	95%
104	42,522	5.6	2158.49	95%
236	41,876	5.53	2164.02	95%
11	55,395	5.52	2169.54	95%
80	46,342	5.3	2174.84	96%
42	57,899	5.25	2180.09	96%
29	43,858	5.15	2185.24	96%
106	50,785	4.75	2189.99	96%
28	39,741	4.73	2194.72	96%
56	61,386	4.62	2199.34	97%
47	56,104	4.5	2203.84	97%
45	58,267	4.42	2208.26	97%
23	56,405	4.41	2212.67	97%
27	59,711	4.31	2216.98	97%
105	47,304	4.13	2221.11	98%
73	55,815	4.1	2225.21	98%
52	55,676	4.05	2229.26	98%
24	55,473	4.02	2233.28	98%
69	52,221	3.72	2237	98%
71	43,736	3.7	2240.7	98%
74	50,957	3.6	2244.3	99%
22	58,442	3.54	2247.84	99%
25	58,414	3.46	2251.3	99%
26	54,472	3.45	2254.75	99%
58	46,507	3.42	2258.17	99%
70	55,632	3.25	2261.42	99%
55	58,851	3.24	2264.66	99%
62	60,736	3.2	2267.86	100%
72	59,809	3	2270.86	100%
60	58,550	2.82	2273.68	100%
21	72,168	2.73	2276.41	100%

Nota: Esta celda de la cuadrícula de prueba se utilizó tanto para los métodos de análisis de datos del Protocolo de Legado como para los métodos de análisis de datos del Protocolo Revisado. La fila de la celda real probada en esta tabla (Número de Identificación de Celda de 134 de la Cuadrícula) se resalta en amarillo.

Tabla 3.4 Resumen de Datos de la Cuadrícula Integrada Ordenada de las Celdas de la Zona de Interfaz de los Cobertores de Membrana/Suelo (2 de marzo de 2026) (ppmv de metano del FID); Todas las Celdas.

Identificación de la Celda de la Cuadrícula Número	Área de Superficie (pies²)	Valor FID Integrado (3/2)	Valor integrado Acumulado	Fracción del Total
211	59,725	20.6	20.6	14%
32	55,304	18.77	39.37	27%
163	50,009	17.29	56.66	38%
212	58,054	17.1	73.76	50%
209	60,969	8.9	82.66	56%
82	42,779	8.56	91.22	62%
164	61,548	8.3	99.52	67%
90	53,791	8.13	107.65	73%
160	66,546	8.1	115.75	78%
155	44,022	7.83	123.58	84%
77	99,941	7.42	131	89%
78	82,334	6.42	137.42	93%
68	47,853	3.92	141.34	96%
54	53,298	3.25	144.59	98%
75	51,225	2.9	147.49	100%

Nota: Esta celda de la cuadrícula de prueba se utilizó tanto para los métodos de análisis de datos del Protocolo de Legado como para los métodos de análisis de datos del Protocolo Revisado. Las filas de las celdas reales probadas en esta tabla (Números de Identificación de Celda 211, 163, 212 y 155 de la Cuadrícula) se resaltan en amarillo.

Tabla 3.5 Resumen de Datos de la Cuadrícula Integrada Ordenada de las Celdas de la Zona de Membrana (2 de marzo de 2026) (ppmv de metano del FID); Todas las Celdas.

Identificación de la Celda de la Cuadrícula Número	Área de Superficie (pies^2)	Valor FID Integrado (3/2)	Valor Integrado Acumulado	Fracción del Total
207	62,754	21.6	21.6	5%
205	42,679	21.3	42.9	10%
206	61,365	19.7	62.6	14%
181	49,379	12.1	74.7	17%
175	50,430	11.3	86	19%
190	44,958	9.47	95.47	21%
167	62,172	9.2	104.67	23%
150	70,989	9.1	113.77	25%
159	56,972	8.91	122.68	27%
166	56,594	8.9	131.58	29%
177	47,454	8.75	140.33	31%
174	48,344	8.6	148.93	33%
81	48,343	8.45	157.38	35%
169	54,459	8.4	165.78	37%
176	52,356	8.4	174.18	39%
171	49,687	8.37	182.55	40%
158	49,522	8.27	190.82	42%
170	55,737	8.27	199.09	44%
184	51,245	8.2	207.29	46%
180	51,775	8.1	215.39	48%
202	45,736	8.1	223.49	50%
165	79,844	7.98	231.47	51%
200	46,964	7.9	239.37	53%
203	51,487	7.9	247.27	55%
187	47,666	7.89	255.16	57%
149	56,413	7.86	263.02	58%
183	54,617	7.84	270.86	60%
172	44,946	7.82	278.68	62%
201	47,960	7.8	286.48	63%
191	44,606	7.72	294.2	65%
193	38,070	7.69	301.89	67%
154	54,536	7.67	309.56	69%
182	52,362	7.61	317.17	70%
168	59,314	7.6	324.77	72%
179	48,176	7.6	332.37	74%
204	54,296	7.6	339.97	75%
186	46,611	7.59	347.56	77%
185	50,993	7.5	355.06	79%
192	40,754	7.47	362.53	80%
178	50,014	7.4	369.93	82%
188	50,699	7.4	377.33	84%
189	49,163	7.38	384.71	85%
156	47,581	7.3	392.01	87%
208	70,031	7.3	399.31	88%
76	48,758	7.27	406.58	90%
153	45,864	6.52	413.1	92%
157	45,578	6.52	419.62	93%
66	45,494	6.26	425.88	94%
53	60,197	6.24	432.12	96%
148	50,546	5.99	438.11	97%
173	49,960	5.47	443.58	98%
145	60,197	5.3	448.88	99%
67	47,130	2.45	451.33	100%

Nota: Estas celdas de las cuadrículas de prueba se utilizaron para el método de análisis de datos del Protocolo de Legado. Las filas de las celdas reales probadas en esta tabla (Números de Identificación de Celda 181, 171, 172 y 188 de la Cuadrícula) se resaltan en amarillo.

Tabla 3.6 Resumen de Datos de la Cuadrícula Integrada Ordenada de las Celdas de la Zona de Membrana (2 de marzo de 2026) (ppmv de metano del FID); Todas las Celdas.

Identificación de la Celda de la Cuadrícula Número	Área de Superficie (pies^2)	Valor FID Integrado (3/2)	Valor Integrado Acumulado	Fracción del Total
207	62,754	21.6	21.6	5%
205	42,679	21.3	42.9	10%
206	61,365	19.7	62.6	14%
181	49,379	12.1	74.7	17%
175	50,430	11.3	86	19%
190	44,958	9.47	95.47	21%
167	62,172	9.2	104.67	23%
150	70,989	9.1	113.77	25%
159	56,972	8.91	122.68	27%
166	56,594	8.9	131.58	29%
177	47,454	8.75	140.33	31%
174	48,344	8.6	148.93	33%
81	48,343	8.45	157.38	35%
169	54,459	8.4	165.78	37%
176	52,356	8.4	174.18	39%
158	49,522	8.27	190.82	42%
170	55,737	8.27	199.09	44%
184	51,245	8.2	207.29	46%
180	51,775	8.1	215.39	48%
202	45,736	8.1	223.49	50%
165	79,844	7.98	231.47	51%
200	46,964	7.9	239.37	53%
203	51,487	7.9	247.27	55%
187	47,666	7.89	255.16	57%
149	56,413	7.86	263.02	58%
183	54,617	7.84	270.86	60%
201	47,960	7.8	286.48	63%
191	44,606	7.72	294.2	65%
193	38,070	7.69	301.89	67%
154	54,536	7.67	309.56	69%
182	52,362	7.61	317.17	70%
168	59,314	7.6	324.77	72%
179	48,176	7.6	332.37	74%
204	54,296	7.6	339.97	75%
186	46,611	7.59	347.56	77%
185	50,993	7.5	355.06	79%
192	40,754	7.47	362.53	80%
178	50,014	7.4	369.93	82%
188	50,699	7.4	377.33	84%
189	49,163	7.38	384.71	85%
156	47,581	7.3	392.01	87%
208	70,031	7.3	399.31	88%
76	48,758	7.27	406.58	90%
153	45,864	6.52	413.1	92%
157	45,578	6.52	419.62	93%
66	45,494	6.26	425.88	94%
53	60,197	6.24	432.12	96%
148	50,546	5.99	438.11	97%
173	49,960	5.47	443.58	98%
145	60,197	5.3	448.88	99%
67	47,130	2.45	451.33	100%

Nota: Estas celdas de las cuadrículas de prueba se utilizaron para el método de análisis de datos del Protocolo Revisado. Las filas de las celdas reales probadas en esta tabla (Números de Identificación de Celda 181 y 188 de la Cuadrícula) se resaltan en amarillo.

Tabla 3.7 Resumen de Datos de la Cuadrícula Integrada Ordenada de las Celdas Anómalas (2 de marzo de 2026) (ppmv de metano del FID); Todas las Celdas.

Identificación de la Celda de la Cuadrícula Número	Área de Superficie (pies^2)	Valor FID Integrado (3/2)
171	49,687	8.37
172	44,946	7.82

Nota: Estas celdas de las cuadrículas de prueba se utilizaron para el método de análisis de datos del Protocolo Revisado debido a las presiones altas históricas de los pozos. Las filas de las celdas reales probadas en esta tabla (Números de Identificación de Celda 171 y 172 de la Cuadrícula) se resaltan en amarillo.

Tabla 3.8 Resumen de Datos de la Cuadrícula Integrada Ordenada de las Celdas de la Zona de Excedencias (2 de marzo de 2026) (ppmv de metano del FID); Todas las Celdas.

Identificación de la Celda de la Cuadrícula Número	Área de Superficie (pies^2)	Valor FID Integrado (3/2)	Valor Integrado Acumulado	Fracción del Total
94	57,008	65.21	65.21	21%
91	47,895	43.11	108.32	35%
87	58,663	41.46	149.78	48%
210	62,428	39.47	189.25	61%
93	88,479	35.4	224.65	73%
95	49,782	30.4	255.05	83%
250	47,494	27.67	282.72	92%
215	40,916	26.17	308.89	100%

Nota: Esta celda de la cuadrícula de prueba se utilizó tanto para los métodos de análisis de datos del Protocolo de Legado como para los métodos de análisis de datos del Protocolo Revisado. La fila de la celda real probada en esta tabla (Número de Identificación de Celda de 87 de la Cuadrícula) se resalta en amarillo.

Las celdas de prueba de la zona no reactiva (consulte las Tablas 3.1 a 3.3) fueron seleccionadas inicialmente organizando los datos integrados del SEM por promedio (Columna 3) y dividiendo los datos resultantes en tres categorías: emisiones altas, emisiones medias y emisiones bajas. Desde allí, se seleccionaron las celdas promedio de cada grupo para realizar las pruebas. Estas celdas están resaltadas en amarillo en las Tablas 3.1 a 3.3 de arriba.

Se utilizó un proceso similar para seleccionar celdas de prueba en las otras áreas (consulte las Tablas 3.4 a 3.8). Se seleccionó una celda de la cuadrícula para probarla desde el área de excesos. Se evaluó el Vertedero para realizar la selección final de celdas cada mañana de este evento de pruebas. Este proceso de selección final fue necesario para verificar si se podía acceder a una celda seleccionada para probarla o si no era representativa. Por ejemplo, para este evento de prueba, inicialmente se seleccionó la celda 199 para analizarla, pero más adelante se identificó como no apropiada para análisis (debido a una actividad de construcción en la celda de la cuadrícula) y se reemplazó por la celda 31. Se debe tener en cuenta que puede evaluarse cualquier celda y prorratearse utilizando esta metodología; se utilizaron las celdas de emisiones promedio porque deberían dar los resultados más exactos.

Cómo Seleccionar Puntos de Prueba en una Celda

Utilizando banderas de estudio, se recorrió la ruta en forma de serpentina indicada en la Regla 1150.1 en una celda y se anotaron periódicamente las lecturas del detector de ionización de llama (FID) en banderas plantadas y las formas de datos de estudio del campo indicadas en el Apéndice 2.

Se tomaron muestras de la cámara de flujo en los siguientes lugares objetivo:

1. Las Emisiones Más Altas - Lectura de FID pico en un recorrido en serpentina.
2. Emisiones Altas - Punto medio del 10% de las lecturas más altas.
3. Emisiones Medias - Punto medio del siguiente 40% de las lecturas.
4. Emisiones Bajas - Punto medio de la mitad más baja de las lecturas.

La Tabla 3.9 muestra las celdas seleccionadas de la cuadrícula de prueba además de las métricas de su área para realizar el Análisis de Datos del Protocolo de Legado y la Tabla 3.10 muestra las celdas seleccionadas para realizar los Análisis de Datos del Protocolo Revisado.

Para la mayoría de los eventos de prueba, hay celdas que no se analizaron debido a conflictos operativos y a condiciones de mucho peligro. Para estas celdas que no pasan por un evento de SEM, su área de superficie se muestra en la línea "Área Sin SEM" cerca de la parte inferior de las Tablas 3.9 y 3.10 y se suman en la categoría "Área Sin SEM".

Tabla 3.9 Métricas del Área de las Celdas de la Cuadrícula de Prueba Seleccionada. Análisis de Datos del Protocolo de Legado.

		Rep.	Rep. del Área	
Categoría	**Subconjunto**	**Celda**	**(pies^2)**	**(m^2)**
Zona de Excesos		87	452,665	42,054
Membrana	Alto	181	654,090	60,767
Membrana	Medio	171	933,363	86,712
Membrana	Medio	172		
Membrana	Bajo	188	1,166,324	108,355
Interfaz	Alto	211	115,029	10,687
Interfaz	Medio	212	108,063	10,039
Interfaz	Medio	163		
Interfaz	Bajo	155	664,306	61,716
Zona No Reactiva	Alto	116	1,642,688	152,611
Zona No Reactiva	Medio	199	2,065,355	191,878
Zona No Reactiva	Medio	31		
Zona No Reactiva	Bajo	134	4,542,939	422,053
Área No SEM			560,472	52,070
Total			**12,905,294**	**1,198,941**

Tabla 3.10 Métricas del Área de las Celdas de la Cuadrícula de Prueba Seleccionada. Análisis de Datos del Protocolo Revisado.

		Rep.	Rep. del Área	
Categoría	**Subconjunto**	**Celda**	**(pies^2)**	**(m^2)**
Zona de Excesos		87	452,665	42,054
Membrana	Alto	181	1,063,263	98,780
Membrana	Bajo	188	1,595,881	148,262
Celdas Anómalas	Alto	171	49,687	4,616
Celdas Anómalas	Bajo	172	44,946	4,176
Interfaz	Alto	211	115,029	10,687
Interfaz	Medio	212	108,063	10,039
Interfaz	Medio	163		
Interfaz	Bajo	155	664,306	61,716
Zona No Reactiva	Alto	116	1,642,688	152,611
Zona No Reactiva	Medio	199	2,065,355	191,878
Zona No Reactiva	Medio	31		
Zona No Reactiva	Bajo	134	4,542,939	422,053
Área No SEM			560,472	52,070
Total			**12,905,294**	**1,198,941**

4. Resultados de la Toma de Muestras

Todas las muestras del Séptimo Evento de Prueba se realizaron el 16-20 de marzo de 2026. La Tabla 4.1 presenta datos de las muestras para compuestos clave: metano y VOCs (TNMHC). En el Adjunto 1 se proporcionan los datos completos con comentarios de aseguramiento de la calidad/control de calidad (QA/QC) y los cálculos (**Memorándum Técnico de Validación de Datos** (DVTM)). La ubicación 1 representa la medición de la cuadrícula de emisiones bajas, la ubicación 2 representa la medición de la cuadrícula de emisiones medias, la ubicación 3 representa la medición de la cuadrícula de emisiones medias, la ubicación 4 representa la medición de la cuadrícula de emisiones más altas.

La Tabla 4.2 muestra el flujo calculado para los compuestos de TO-15 que fueron detectados por lo menos una vez en el set de datos. Las no detecciones se asumieron como valores de MDL/2. Se debe tener en cuenta que se proporcionan valores de propileno tanto corregidos como no corregidos (datos crudos de laboratorio).

Las Tablas 4.3 y 4.4 muestran los resultados de TO-14 y ORS (Método 307-91 del SCAQMD) respectivamente. La lista completa de todos los compuestos objetivo se encuentra en el DVTM. Las concentraciones de compuestos identificados tentativamente (TIC) se muestran en los informes del laboratorio proporcionados en el Apéndice C del Adjunto 2.

Table 4.1 Summary of Sampling Results.

Test Site	Grid Category	LOC.	TO-15	SRS	Methane		Carbon Dioxide		H2		TO-12 TNMHC C1		TO-12 TNMHC C1		1,1-DFA	1,1-DFA Std.	Total Flow	Total Flow	Carbon Dioxide Flux	Methane Flux		TNMHC Flux	
			ID	ID a,b	(ppmv)		(ppmv)		(ppmv)		(ppbv)		(ug/m3)		(ppbv)	(ppbv)	(lpm)	(m3/min)	mg/m2,min	mg/m2,min		mg/m2,min	
Grid 87	Exceedance Cell	1	T-101	S-101	5.7		1,369		ND		188	J	117	J	43.84	212	24.2	0.024	437	0.66		0.0218	J
Grid 87		2	T-102	S-102	4.9		1,181		ND		114	J	71	J	75.15	212	14.1	0.014	220	0.33		0.0077	J
Grid 87		3	T-103	S-103	4,297		3,411		ND		4,343		2,758		70.98	211	14.9	0.015	681	312		0.3154	
Grid 87		4	T-104	S-104	2,465		3,047		ND		8,021		5,021		50.55	211	20.9	0.021	842	248		0.8061	
Grid 211	Interface Area Cell	1	T-105	S-105	0.7	J	ND		ND		698		439		180.55	211	5.84	0.006	5	0.02	J	0.0197	
Grid 211	High	2	T-106	S-106	1.0	J	ND		ND		135		85		172.04	212	6.16	0.006	6	0.03	J	0.0040	
Grid 211		3	T-107	S-107	4.7		1,032		ND		1,185		737		89.05	211	11.8	0.012	161	0.26		0.0671	
Grid 211		4	T-108	S-108	1.1	J	ND		ND		230		143		160.92	212	6.59	0.007	6	0.04	J	0.0073	
Grid 212	Interface Area Cell	1	T-109	S-109	1.7	J	696		ND		58	J	36	J	114.86	212	9.23	0.009	84	0.08	J	0.0025	J
Grid 212	Medium	2	T-110	S-110	1.9	J	598		ND		95	J	59	J	85.86	212	12.3	0.012	97	0.11	J	0.0056	J
Grid 212		3	T-111	S-111	15		1,142		ND		107	J	66	J	20.56	211	51.3	0.051	769	3.70		0.0262	J
Grid 212		4	T-112	S-112	7,142		11,489		ND		2,155		1,300		49.14	211	21.5	0.021	3,148	712		0.2147	
Grid 212	Replicate	4	T-113	S-113	5,422		9,017		ND		3,127		1,887		82.95	211	12.7	0.013	1,464	320		0.1846	
NA	Media Blank	NA	S-114	S-114	1	J	ND		ND		ND	U	15	U	200.94	212	5.28	0.005	5	0.02	J	0.0006	U
Grid 155	Interface Area Cell	1	T-201	S-201	150		666		ND		258		166		221.56	211	5.00	0.005	45	3.7		0.0064	
Grid 155	Low	2	T-202	S-202	195		1,025		ND		130	J	84	J	233.97	212	5.00	0.005	70	4.8		0.0032	J
Grid 155		3	T-203	S-203	12,835		12,235		ND		8,984		5,705		351.82	211		0.010	1,584	604		0.4230	
Grid 155		4	T-204	S-204	48,815		44,242		ND		16,526		10,552		701.05	212		0.010	5,760	2,311		0.7825	
Grid 163	Interface Area Cell	1	T-205	S-205	1,153		2,237		ND		366		229		118.60	212	8.94	0.009	265	50		0.0158	
Grid 163	Medium	2	T-206	S-206	519		3,264		ND		171		103		189.24	211	5.57	0.006	233	13		0.0044	
Grid 163		3	T-207	S-207	154		1,576		ND		132	J	83	J	89.25	212	11.9	0.012	248	9		0.0076	J
Grid 163		4	T-208	S-208	4,540		5,683		ND		1,787		1,080		129.22	211	8.16	0.008	593	180		0.0678	
Grid 188	Membrane Low	1	T-209	S-209	1.0	J	673		ND		ND	U	14	U	97.56	211	10.8	0.011	96	0.05	J	0.0012	U
Grid 188		2	T-210	S-210	1.4	J	727		ND		ND	U	14	U	80.03	212	13.2	0.013	127	0.09	J	0.0014	U
Grid 188		3	T-211	S-211	1.3	J	628		ND		ND	U	14	U	57.27	212	18.5	0.019	153	0.11	J	0.0020	U
Grid 188		4	T-212	S-212	0.9	J	544		ND		ND	U	14	U	36.02	211	29.3	0.029	208	0.13	J	0.0031	U
Grid 188	Replicate	4	T-213	S-213	ND	U	587		ND		84	J	52	J	35.76	211	29.5	0.030	226	0.05	U	0.0118	J
NA	Media Blank	NA	T-214	S-214	1.5	J	ND		ND		54	J	36	J	209.01	211	5.05	0.005	5	0.04	J	0.0014	J
Grid 172	Membrane Medium	1	T-301	S-301	ND	U	ND		ND		516		330		106.25	211	9.93	0.010	10	0.02	U	0.0252	
Grid 172	High Well Pressure	2	T-302	S-302	0.8	J	382		ND		624		404		200.84	212	5.28	0.005	28	0.02	J	0.0164	
Geis 172		3	T-303	S-303	1.0	J	441		ND		344		221		189.08	211	5.58	0.006	34	0.03	J	0.0095	
Grid 172		4	T-304	S-304	ND	U	327		ND		1,075		688		199.96	212	5.30	0.005	23	0.01	U	0.0280	
Grid 171	Membrane Medium	1	T-305	S-305	0.9	J	453		ND		2,901		1,832		209.58	212	5.06	0.005	31	0.02	J	0.0713	
Grid 171	High Well Pressure	2	T-306	S-306	0.9	J	441		ND		13,187		8,314		237.68	212	5.00	0.005	29	0.02	J	0.3198	
Grid 171		3	T-307	S-307	4.3		1,513		ND		8,729		5,494		236.22	211	5.00	0.005	101	0.10		0.2113	
Grid 171		4	T-308	S-308	1.9		430		ND		8,220		5,164		225.47	211	5.00	0.005	29	0.05		0.1986	
Grid 181	Membrane High	1	T-309	S-309	1.8		524		ND		ND	U	14	U	237.08	212	5.00	0.005	34	0.04		0.0005	U
Grid 181		2	T-310	S-310	ND	U	362		ND		24,523		15,270		105.91	211	9.96	0.010	47	0.02	U	1.1700	
Grid 181		3	T-311	S-311	1.6	J	482		ND		323		198		166.25	212	6.38	0.006	40	0.05	J	0.0097	
Grid 181		4	T-312	S-312	ND	U	ND		ND		13,011		8,002		158.07	211	6.67	0.007	6	0.01	U	0.4108	
Grid 181	Replicate	4	T-313	S-313	0.8	J	583		ND		4,900		3,014		182.94	211	5.77	0.006	44	0.02	J	0.1337	
NA	Media Blank	NA	T-314	S-314	ND	U	ND		ND		ND	U	15	U	213.43	212	5.00	0.005	5	0.01	U	0.0006	U
Grid 199	Normal Medium	1	T-401	S-401	1.6	J	813		ND		269		174		175.21	214	6.11	0.006	68	0.05	J	0.0082	
Grid 199		2	T-402	S-402	20		8,263		ND		176		112		108.51	214	9.86	0.010	1,097	0.96		0.0085	
Grid 199		3	T-403	S-403	17		3,049		ND		8,264		5,286		69.76	206	14.8	0.015	609	1.2		0.6004	
Grid 199		4	T-404	S-404	1,420		1,822		ND		8,995		5,894		180.52	206	5.71	0.006	144	41		0.2587	
Grid 134	Normal Low	1	T-405	S-405	1.6	J	578		ND		50		32		216.65	214	5.00	0.005	39	0.04	J	0.0012	
Grid 134		2	T-406	S-406	0.8	J	631		ND		252		159		127.84	206	8.06	0.008	68	0.03	J	0.0098	
Grid 134		3	T-407	S-407	0.8	J	692		ND		ND	U	14	U	106.40	206	9.68	0.010	89	0.04	J	0.0010	U
Grid 134		4	T-408	S-408	ND	U	468		ND		ND	U	14	U	139.59	214	7.67	0.008	48	0.01	U	0.0008	U
Road Grid	Road Grid	1	T-409	S-409	2	J	ND		ND		136		85		144.49	214	7.41	0.007	7	0.06	J	0.0048	
Road Grid		2	T-410	S-410	ND	J	397		ND		145		90		198.97	214	5.38	0.005	28	0.01	J	0.0037	
Road Grid		3	T-411	S-411	ND	U	452		ND		48	J	29	J	172.97	206	5.95	0.006	35	0.01	U	0.0013	J
Road Grid		4	T-412	S-412	ND	U	563		ND		104	J	65	J	185.47	206	5.55	0.006	41	0.01	U	0.0028	J
Road Grid	Replicate	4	T-413	S-413	ND	U	319		ND		130	J	80	J	136.04	206	7.57	0.008	32	0.01	U	0.0047	J
NA	Media Blank	NA	T-414	S-414	ND	U	ND		ND		ND	U	15	U	218.49	214	5.00	0.005	5	0.01	U	0.0006	U
Grid 31	Normal Medium	1	T-501	S-501	ND	U	456		ND		ND	U	14	U	105.40	214	10.2	0.010	63	0.02	U	0.0011	U
Grid 31		2	T-502	S-502	538		2,893		ND		556		350		176.50	214	6.06	0.006	234	16		0.0163	
Grid 31		3	T-503	S-503	592		2,026		ND		421		267		147.58	206	6.98	0.007	190	20		0.0143	
Grid 31		4	T-504	S-504	8,128		9,416		ND		8,715		5,514		191.51	206	5.38	0.005	678	213		0.2281	
Grid 116	Normal High	1	T-505	S-505	ND	U	513		ND		164		101		209.57	206	5.00	0.005	33	0.01	U	0.0039	
Grid 116		2	T-506	S-506	1.2	J	518		ND		91	J	56	J	155.58	206	6.62	0.007	45	0.04	J	0.0029	J
Grid 116		3	T-507	S-507	ND	U	345		ND		ND	U	14	U	211.91	214	5.05	0.005	24	0.01	U	0.0006	U
Grid 116		4	T-508	S-508	6.5		1,197		ND		104	J	65	J	207.78	214	5.15	0.005	82	0.16		0.0026	J
Grid 116	Replicate	1	T-509	S-509	7.5		1,361		ND		123	J	77	J	209.29	214	5.11	0.005	92	0.18		0.0030	J
NA	Media Blank	2	T-510	S-510	1.3	J	ND		ND		ND	U	15	U	204.35	206	5.04	0.005	5	0.03	J	0.0006	U

Table 4.1 Notes: LOC = Location, H2 = Hydrogen, TNMHC = Total Non-Methane Hydrocarbon, CO2 = Carbon Dioxide, mg/m3 = milligram per cubic meter, mg/min = milligram per minute, m3/min = cubic meter per minute, m/min = meters per minute, , ug/m2, min = microgram per square meter per minute, J = quantified data near detection limit, Media Blank = QA/QC data (see DVTM), Flux = mg/m2-min.

Table 4.2a TO-15 Compounds (Flux in mg/m2-min for only compounds with at least one detect).

Sample ID	Compound	Methanol	Benzene	Acetone	Propylene	Tetrahydrofuran	2-Butanone (MEK)	Toluene	Ethanol	Isopropyltoluene	m,p-Xylenes	Ethylbenzene	n-Heptane	Decane	Cyclohexane	o-Xylene	1,2,4-Trimethylbenzene	Nonane	Octane
	CAS	67-56-1	71-43-2	67-64-1	115-07-1	109-99-9	78-93-3	108-88-3	64-17-5	99-87-6	1330-20-7	100-41-4	142-82-5	124-18-5	110-82-7	95-47-6	95-63-6	111-84-2	111-65-9
	MW	32	78.1	58.1	42.08	72.1	72.1	92.1	46.1	134.2	106.2	106.2	100.2	142.3	84.2	106.2	120.2	128.3	114.2
T-101		0.0316	<3.31E-04	0.0070	<5.03E-05	<4.44E-05	0.0007	<2.24E-04	0.0035	0.0017	<1.27E-04	<1.27E-04	<1.20E-04	<3.46E-04	<5.19E-05	<1.27E-04	<2.92E-04	<1.53E-04	<1.37E-04
T-102		0.0032	<1.94E-04	0.0025	<2.94E-05	<2.60E-05	0.0002	<1.31E-04	0.0029	<1.91E-04	<7.43E-05	<7.43E-05	<7.01E-05	<2.02E-04	<3.03E-05	<7.43E-05	<1.71E-04	<8.97E-05	<7.98E-05
T-103		0.0030	0.0019	0.0122	0.0057	0.0001	0.0004	0.0084	0.0038	0.0007	0.0084	0.0065	0.0009	0.0015	0.0005	0.0072	<1.83E-04	0.0043	0.0021
T-104		0.0065	0.0028	0.0088	0.0420	<3.85E-05	0.0007	0.0079	0.0053	0.0016	0.0074	0.0037	0.0021	0.0010	0.0021	0.0056	<2.53E-04	0.0022	0.0016
T-105		0.0004	0.0031	0.0004	0.0001	0.0001	<2.10E-05	0.0009	0.0008	0.0004	0.0007	0.0001	0.0001	0.0004	<1.27E-05	<3.10E-05	<7.12E-05	0.0003	0.0003
T-106		<4.94E-05	0.0007	0.0002	0.0001	<1.13E-05	<2.20E-05	<5.70E-05	0.0030	0.0002	<3.24E-05	<3.24E-05	<3.05E-05	0.0002	<1.32E-05	<3.24E-05	<7.44E-05	<3.91E-05	<3.48E-05
T-107		0.0006	0.0126	0.0008	0.0013	0.0001	<4.21E-05	0.0042	0.0006	0.0011	0.0016	0.0004	0.0007	0.0005	<2.53E-05	<6.20E-05	<1.43E-04	0.0006	<6.67E-05
T-108		0.0004	0.0006	0.0003	0.0001	<1.21E-05	<2.35E-05	<6.09E-05	0.0002	0.0002	<3.46E-05	<3.46E-05	<3.27E-05	<9.42E-05	<1.41E-05	<3.46E-05	<7.95E-05	<4.18E-05	<3.72E-05
T-109		0.0006	0.0003	0.0005	0.0001	<1.69E-05	<3.27E-05	<8.49E-05	<1.06E-04	<1.24E-04	<4.82E-05	<4.82E-05	<4.55E-05	<1.31E-04	<1.97E-05	<4.82E-05	<1.11E-04	<5.83E-05	<5.19E-05
T-110		0.0020	<1.69E-04	0.0010	0.0001	<2.26E-05	<4.39E-05	<1.14E-04	<1.42E-04	<1.66E-04	<6.46E-05	<6.46E-05	<6.10E-05	<1.76E-04	<2.64E-05	<6.46E-05	<1.49E-04	<7.81E-05	<6.95E-05
T-111		0.5117	0.0019	0.0091	<1.06E-04	<9.38E-05	0.0012	<4.72E-04	0.0176	<6.88E-04	<2.68E-04	<2.68E-04	<2.53E-04	<7.30E-04	<1.10E-04	<2.68E-04	<6.16E-04	<3.24E-04	<2.88E-04
T-112		0.2245	0.0009	0.0129	0.0208	<3.82E-05	<7.41E-05	<1.92E-04	0.0286	0.0018	<1.09E-04	<1.09E-04	0.0011	<2.97E-04	0.0033	<1.09E-04	<2.51E-04	<1.32E-04	<1.17E-04
T-113		0.1802	0.0007	0.0095	0.0157	<2.26E-05	<4.39E-05	<1.14E-04	0.0181	0.0013	<6.47E-05	<6.47E-05	0.0007	<1.76E-04	0.0021	<6.47E-05	<1.49E-04	<7.81E-05	<6.95E-05
T-114		<4.45E-05	<7.61E-05	<8.08E-05	<1.16E-05	<1.02E-05	<1.98E-05	<5.14E-05	<6.41E-05	<7.48E-05	<2.92E-05	<2.92E-05	<2.75E-05	<7.94E-05	<1.19E-05	<2.92E-05	<6.70E-05	<3.52E-05	<3.14E-05
T-201		0.0013	0.0002	0.0032	0.0003	<9.44E-06	0.0111	<4.75E-05	0.0009	0.0010	<2.70E-05	<2.70E-05	<2.55E-05	0.0005	<1.10E-05	<2.70E-05	0.0006	<3.26E-05	<2.90E-05
T-202		0.0010	0.0002	0.0009	<1.07E-05	<9.46E-06	0.0000	<4.76E-05	0.0007	<6.94E-05	<2.70E-05	<2.70E-05	<2.55E-05	<7.36E-05	0.0003	<2.70E-05	<6.21E-05	<3.27E-05	<2.91E-05
T-203		0.0016	0.0034	0.0082	0.0122	0.0029	0.0032	0.0264	0.0011	0.0037	0.0078	0.0070	0.0220	<1.40E-04	0.0141	0.0022	0.0003	0.0036	0.0073
T-204		0.0033	0.0068	0.0029	0.0760	0.0018	0.0009	0.1039	<1.14E-04	0.1463	0.0254	0.0205	0.0869	0.0071	0.0426	0.0126	0.0060	0.0124	0.0145
T-205		0.0084	0.0003	0.0013	0.0047	<1.65E-05	0.0001	<8.30E-05	0.0008	0.0036	<4.71E-05	<4.71E-05	0.0006	<1.28E-04	0.0009	<4.71E-05	<1.08E-04	<5.69E-05	<5.07E-05
T-206		0.0988	0.0002	0.0026	0.0004	<9.93E-06	0.0003	<5.00E-05	0.0025	0.0004	<2.84E-05	<2.84E-05	0.0002	<7.72E-05	0.0002	<2.84E-05	<6.52E-05	<3.43E-05	<3.05E-05
T-207		0.0081	0.0006	0.0023	0.0004	<2.19E-05	0.0002	<1.10E-04	0.0011	0.0004	<6.27E-05	<6.27E-05	0.0002	<1.71E-04	0.0003	<6.27E-05	<1.44E-04	<7.58E-05	<6.75E-05
T-208		0.0788	0.0004	0.0059	0.0004	<1.45E-05	0.0001	<7.32E-05	0.0007	0.0003	<4.16E-05	<4.16E-05	0.0002	<1.13E-04	0.0006	<4.16E-05	<9.55E-05	<5.02E-05	<4.47E-05
T-209		0.0018	<1.49E-04	0.0009	<2.26E-05	<1.99E-05	<3.87E-05	<1.00E-04	<1.25E-04	<1.46E-04	<5.70E-05	<5.70E-05	<5.38E-05	<1.55E-04	<2.33E-05	<5.70E-05	<1.31E-04	<6.89E-05	<6.13E-05
T-210		0.0017	0.0008	0.0009	<2.76E-05	<2.43E-05	<4.73E-05	<1.23E-04	0.0005	<1.79E-04	<6.96E-05	<6.96E-05	<6.57E-05	<1.89E-04	<2.84E-05	<6.96E-05	<1.60E-04	<8.41E-05	<7.48E-05
T-211		0.0017	0.0005	0.0040	<3.85E-05	0.0001	0.0003	<1.71E-04	<2.14E-04	<2.50E-04	<9.73E-05	<9.73E-05	<9.18E-05	<2.65E-04	<3.97E-05	<9.73E-05	<2.24E-04	<1.18E-04	<1.05E-04
T-212		0.0034	<3.97E-04	0.0024	<6.03E-05	<5.33E-05	<1.03E-04	<2.68E-04	0.0016	<3.91E-04	<1.52E-04	<1.52E-04	<1.44E-04	<4.14E-04	<6.22E-05	<1.52E-04	<3.50E-04	<1.84E-04	<1.64E-04
T-213		0.0032	<4.00E-04	0.0022	<6.08E-05	<5.36E-05	<1.04E-04	<2.70E-04	0.0015	<3.94E-04	<1.53E-04	<1.53E-04	<1.45E-04	<4.17E-04	<6.27E-05	<1.53E-04	<3.52E-04	<1.85E-04	<1.65E-04
T-214		<4.26E-05	<7.28E-05	<7.73E-05	<1.11E-05	<9.76E-06	<1.90E-05	<4.91E-05	<6.13E-05	<7.16E-05	<2.79E-05	<2.79E-05	<2.63E-05	<7.59E-05	<1.14E-05	<2.79E-05	<6.41E-05	<3.37E-05	<3.00E-05
T-301		0.0177	0.0007	0.0081	<2.12E-05	0.0040	0.0048	<9.44E-05	0.0035	<1.38E-04	<5.36E-05	<5.36E-05	<5.06E-05	<1.46E-04	<2.19E-05	<5.36E-05	<1.23E-04	<6.48E-05	<5.76E-05
T-302		0.0056	0.0011	0.0065	0.0005	0.0048	0.0055	<5.06E-05	0.0014	0.0007	<2.88E-05	<2.88E-05	<2.71E-05	<7.82E-05	<1.17E-05	<2.88E-05	<6.61E-05	<3.47E-05	<3.09E-05
T-303		0.0264	0.0005	0.0068	0.0002	0.0035	0.0050	<5.33E-05	0.0036	0.0006	<3.03E-05	<3.03E-05	<2.86E-05	<8.24E-05	<1.24E-05	<3.03E-05	<6.96E-05	<3.66E-05	<3.26E-05
T-304		0.0597	0.0012	0.0091	0.0002	0.0087	0.0071	0.0003	0.0046	0.0014	<2.86E-05	0.0002	<2.70E-05	0.0003	<1.17E-05	<2.86E-05	0.0001	0.0001	0.0001
T-305		0.0077	0.0402	0.0057	0.0009	0.0209	0.0110	0.0122	0.0024	0.0147	0.0136	0.0129	0.0005	0.0087	<1.10E-05	0.0053	0.0042	0.0052	0.0023
T-306		0.0062	0.0220	0.0058	0.0013	0.0101	0.0097	0.0129	0.0019	0.0151	0.0143	0.0135	0.0006	0.0093	<1.08E-05	0.0058	0.0043	0.0060	0.0028
T-307		0.0081	0.0289	0.0072	0.0013	0.0155	0.0131	0.0120	0.0012	0.0153	0.0135	0.0141	0.0007	0.0092	<1.08E-05	0.0055	0.0051	0.0052	0.0029
T-308		0.0112	0.0351	0.0071	0.0009	0.0158	0.0167	0.0105	0.0010	0.0068	0.0090	0.0097	0.0005	0.0024	<1.08E-05	0.0026	0.0015	0.0024	0.0017
T-309		0.0014	0.0003	0.0017	0.0002	0.0001	0.0001	<4.58E-05	0.0001	0.0008	<2.60E-05	<2.60E-05	<2.45E-05	<7.07E-05	<1.06E-05	<2.60E-05	0.0001	<3.14E-05	<2.80E-05
T-310		0.0270	0.1247	0.0555	0.0012	0.0725	0.0531	0.0485	0.0085	<1.34E-04	0.0742	0.0695	0.0018	0.0344	<2.13E-05	0.0219	0.0280	0.0133	0.0082
T-311		0.0038	0.0003	0.0047	0.0003	0.0004	0.0003	<5.80E-05	0.0015	0.0034	<3.29E-05	<3.29E-05	<3.11E-05	0.0004	<1.34E-05	<3.29E-05	0.0006	<3.98E-05	<3.54E-05
T-312		0.0041	0.0344	0.0109	0.0007	0.0126	0.0092	0.0106	0.0013	0.0222	0.0120	0.0109	0.0006	0.0126	<1.41E-05	0.0058	0.0088	0.0046	0.0033
T-313		0.0042	0.0370	0.0126	0.0006	0.0113	0.0079	0.0084	0.0014	0.0091	0.0062	0.0067	0.0005	0.0013	<1.22E-05	0.0025	0.0013	0.0012	0.0017
T-314		<4.22E-05	<7.21E-05	<7.66E-05	<1.10E-05	<9.67E-06	<1.88E-05	<4.87E-05	<6.07E-05	<7.09E-05	<2.77E-05	<2.77E-05	<2.61E-05	<7.52E-05	<1.13E-05	<2.77E-05	<6.35E-05	<3.34E-05	<2.97E-05
T-401		0.0058	0.0002	0.0032	0.0001	<1.16E-05	0.0001	<5.86E-05	0.0011	0.0003	<3.33E-05	<3.33E-05	<3.14E-05	<9.05E-05	<1.36E-05	<3.33E-05	<7.65E-05	<4.02E-05	<3.58E-05
T-402		0.0009	0.0003	0.0041	0.0002	<1.85E-05	0.0002	<9.31E-05	<1.16E-04	0.0007	<5.29E-05	<5.29E-05	0.0002	<1.44E-04	0.0008	<5.29E-05	<1.21E-04	<6.38E-05	<5.68E-05
T-403		0.0144	0.0005	0.0060	0.0004	<2.78E-05	0.0006	<1.40E-04	0.0013	0.0166	<7.96E-05	<7.96E-05	<7.51E-05	0.0287	0.0002	<7.96E-05	<1.83E-04	0.0004	<8.56E-05
T-404		0.0018	0.0007	0.0076	0.0072	0.0042	0.0063	0.0013	0.0002	0.0008	0.0003	<3.15E-05	0.0043	0.0004	0.0060	<3.15E-05	<7.24E-05	0.0002	0.0019
T-405		0.0003	<7.00E-05	0.0003	0.0000	<9.39E-06	0.0001	<4.73E-05	0.0002	<6.89E-05	<2.68E-05	<2.68E-05	<2.53E-05	<7.30E-05	<1.10E-05	<2.68E-05	<6.17E-05	<3.24E-05	<2.89E-05
T-406		0.0255	<1.11E-04	0.0035	0.0001	<1.49E-05	0.0005	<7.52E-05	0.0009	0.0003	<4.27E-05	<4.27E-05	<4.03E-05	<1.16E-04	<1.74E-05	<4.27E-05	<9.82E-05	<5.16E-05	<4.59E-05
T-407		0.0068	0.0003	0.0035	0.0001	<1.79E-05	0.0004	<8.99E-05	0.0005	<1.31E-04	<5.11E-05	<5.11E-05	<4.82E-05	<1.39E-04	<2.09E-05	<5.11E-05	<1.17E-04	<6.17E-05	<5.49E-05
T-408		0.0026	0.0003	0.0009	<1.62E-05	<1.43E-05	<2.78E-05	<7.22E-05	<9.01E-05	<1.05E-04	<4.10E-05	<4.10E-05	<3.87E-05	<1.12E-04	<1.67E-05	<4.10E-05	<9.42E-05	<4.95E-05	<4.41E-05
T-409		0.0011	<1.01E-04	0.0030	0.0000	<1.35E-05	0.0004	<6.82E-05	<8.50E-05	<9.93E-05	<3.87E-05	<3.87E-05	<3.65E-05	<1.05E-04	<1.58E-05	<3.87E-05	<8.89E-05	<4.68E-05	<4.16E-05
T-410		0.0008	0.0002	0.0011	<1.12E-05	0.0001	0.0005	<4.98E-05	<6.22E-05	0.0002	<2.83E-05	<2.83E-05	<2.67E-05	<7.70E-05	<1.16E-05	<2.83E-05	<6.51E-05	<3.42E-05	<3.04E-05
T-411		0.0016	0.0003	0.0024	0.0000	<1.08E-05	0.0004	<5.46E-05	0.0001	<7.96E-05	<3.10E-05	<3.10E-05	<2.93E-05	<8.44E-05	<1.27E-05	<3.10E-05	<7.13E-05	<3.75E-05	<3.34E-05
T-412		0.0016	0.0025	0.0019	0.0001	0.0001	0.0004	<5.11E-05	0.0002	<7.45E-05	<2.90E-05	<2.90E-05	<2.74E-05	<7.90E-05	<1.19E-05	<2.90E-05	<6.67E-05	<3.51E-05	<3.12E-05
T-413		0.0014	0.0049	0.0028	0.0001	<1.38E-05	0.0006	<6.97E-05	<8.69E-05	0.0003	<3.96E-05	<3.96E-05	<3.73E-05	<1.08E-04	<1.62E-05	<3.96E-05	<9.09E-05	<4.78E-05	<4.26E-05
T-414		<4.22E-05	<7.21E-05	<7.66E-05	<1.10E-05	<9.67E-06	<1.88E-05	<4.87E-05	<6.07E-05	<7.09E-05	<2.77E-05	<2.77E-05	<2.61E-05	<7.52E-05	<1.13E-05	<2.77E-05	<6.35E-05	<3.34E-05	<2.97E-05
T-501		0.0018	0.0027	0.0013	<2.17E-05	<1.91E-05	<3.71E-05	<9.63E-05	<1.20E-04	<1.40E-04	<5.47E-05	<5.47E-05	<5.16E-05	<1.49E-04	<2.23E-05	<5.47E-05	<1.26E-04	<6.61E-05	<5.88E-05
T-502		0.0138	0.0022	0.0051	0.0012	<1.13E-05	0.0004	<5.67E-05	0.0025	<8.26E-05	<3.22E-05	<3.22E-05	<3.04E-05	<8.76E-05	0.0001	<3.22E-05	<7.40E-05	<3.89E-05	<3.46E-05
T-503		0.0102	0.0018	0.0047	0.0015	<1.31E-05	0.0004	<6.57E-05	0.0007	0.0007	<3.73E-05	<3.73E-05	0.0002	<1.02E-04	0.0004	<3.73E-05	<8.58E-05	<4.51E-05	<4.02E-05
T-504		0.0046	0.0028	0.0024	0.0089	0.0003	0.0002	0.0034	0.0003	0.0120	0.0017	0.0035	0.0049	0.0007	0.0043	0.0012	0.0004	0.0014	0.0016
T-505		0.0102	0.0011	0.0032	0.0001	<9.09E-06	0.0003	<4.58E-05	0.0004	0.0003	<2.60E-05	<2.60E-05	<2.45E-05	<7.07E-05	<1.06E-05	<2.60E-05	<5.97E-05	<3.14E-05	<2.80E-05
T-506		0.0094	0.0014	0.0023	0.0001	<1.21E-05	0.0002	<6.10E-05	0.0002	<8.89E-05	<3.47E-05	<3.47E-05	<3.27E-05	<9.43E-05	<1.42E-05	<3.47E-05	<7.97E-05	<4.19E-05	<3.73E-05
T-507		0.0026	0.0010	0.0013	0.0001	<9.52E-06	0.0001	<4.79E-05	<5.98E-05	0.0002	<2.72E-05	<2.72E-05	<2.57E-05	<7.40E-05	<1.11E-05	<2.72E-05	<6.25E-05	<3.29E-05	<2.93E-05
T-508		0.0041	0.0010	0.0015	0.0001	<9.50E-06	0.0001	<4.78E-05	0.0031	<6.97E-05	<2.72E-05	<2.72E-05	<2.56E-05	<7.39E-05	<1.11E-05	<2.72E-05	<6.24E-05	<3.28E-05	<2.92E-05
T-509		0.0045	0.0009	0.0018	0.0001	<9.43E-06	0.0002	<4.75E-05	0.0033	<6.92E-05	<2.70E-05	<2.70E-05	<2.54E-05	<7.33E-05	<1.10E-05	<2.70E-05	<6.20E-05	<3.26E-05	<2.90E-05
T-510		<4.25E-05	<7.27E-05	<7.72E-05	<1.10E-05	<9.75E-06	<1.89E-05	<4.91E-05	<6.12E-05	<7.15E-05	<2.79E-05	<2.79E-05	<2.63E-05	<7.58E-05	<1.14E-05	<2.79E-05	<6.41E-05	<3.37E-05	<3.00E-05

Table 4.2b TO-15 Compounds (Flux in mg/m2-min for only compounds with at least one detect) (cont.).

Sample ID	Compound	Naphthalene	4-Ethyltoluene	2-propanol (isopropylalcohol)	1,3,5-Trimethylbenzene	Chloromethane	Chloroform	Hexachlorobutadiene	Acrolein	Isopropylbenzene	Hexane	Styrene	Carbon disulfide	Chloroethane	4-Methyl-2-pentanone (MIBK)	n-Propylbenzene	Tetrachloroethene (PCE)	1,4-Dichlorobenzene	Bromomethane
	CAS	91-20-3	622-96-8	67-63-0	108-67-8	74-87-3	67-66-3	87-68-3	107-02-8	98-82-8	110-54-3	100-42-5	75-15-0	75-00-3	108-10-1	103-65-1	127-18-4	106-46-7	74-83-9
	MW	128.2	120.2	60.1	120.2	50.5	119.4	260.8	56.1	120.2	86.2	104.2	76.1	64.5	100.2	120.2	165.8	147	94.9
T-101		<1.53E-04	<2.92E-04	0.0005	<2.92E-04	<9.15E-05	0.0003	<7.85E-04	0.0006	<2.92E-04	<1.03E-04	<1.89E-04	<9.10E-05	<7.72E-05	<1.20E-04	<2.92E-04	<4.81E-05	<3.57E-04	<1.14E-04
T-102		<8.96E-05	<1.71E-04	0.0003	<1.71E-04	<5.35E-05	<4.30E-05	<4.59E-04	0.0003	<1.71E-04	0.0003	<1.10E-04	<5.32E-05	<4.51E-05	<7.01E-05	<1.71E-04	<2.81E-05	<2.09E-04	<6.64E-05
T-103		<9.60E-05	0.0022	<9.14E-05	0.0010	<5.73E-05	0.0002	<4.91E-04	<4.20E-05	<1.83E-04	0.0005	<1.18E-04	0.0003	0.0003	<7.50E-05	<1.83E-04	<3.01E-05	<2.23E-04	<7.11E-05
T-104		<1.33E-04	0.0017	<1.26E-04	0.0012	<7.93E-05	0.0037	<6.80E-04	<5.81E-05	0.0006	0.0017	<1.64E-04	<7.89E-05	<6.68E-05	<1.04E-04	<2.53E-04	0.0001	<3.09E-04	<9.84E-05
T-105		<3.74E-05	0.0002	<3.56E-05	<7.12E-05	<2.23E-05	<1.79E-05	<1.91E-04	<1.64E-05	<7.12E-05	0.0001	<4.61E-05	0.0001	<1.88E-05	<2.92E-05	<7.12E-05	0.0000	<8.71E-05	<2.77E-05
T-106		<3.91E-05	<7.44E-05	<3.72E-05	<7.44E-05	<2.33E-05	<1.88E-05	<2.00E-04	<1.71E-05	<7.44E-05	0.0001	<4.81E-05	<2.32E-05	<1.97E-05	<3.05E-05	<7.44E-05	<1.23E-05	<9.10E-05	<2.89E-05
T-107		<7.49E-05	0.0003	<7.13E-05	<1.43E-04	<4.47E-05	<3.59E-05	<3.83E-04	<3.28E-05	<1.43E-04	0.0003	<9.22E-05	<4.45E-05	<3.77E-05	<5.85E-05	<1.43E-04	0.0003	<1.74E-04	<5.54E-05
T-108		<4.18E-05	<7.95E-05	<3.98E-05	<7.95E-05	<2.49E-05	<2.00E-05	<2.14E-04	0.0001	<7.95E-05	<2.81E-05	<5.15E-05	<2.48E-05	<2.10E-05	<3.27E-05	<7.95E-05	<1.31E-05	<9.73E-05	<3.09E-05
T-109		<5.82E-05	<1.11E-04	<5.54E-05	<1.11E-04	<3.48E-05	<2.79E-05	<2.98E-04	<2.55E-05	<1.11E-04	<3.92E-05	<7.17E-05	<3.46E-05	<2.93E-05	<4.55E-05	<1.11E-04	0.0001	<1.36E-04	<4.31E-05
T-110		<7.80E-05	<1.49E-04	<7.43E-05	<1.49E-04	<4.66E-05	<3.74E-05	<3.99E-04	<3.41E-05	<1.49E-04	<5.25E-05	<9.61E-05	<4.63E-05	<3.93E-05	<6.10E-05	<1.49E-04	<2.45E-05	<1.82E-04	<5.78E-05
T-111		<3.24E-04	<6.16E-04	<3.08E-04	<6.16E-04	<1.93E-04	<1.55E-04	<1.66E-03	0.0006	<6.16E-04	<2.18E-04	<3.99E-04	<1.92E-04	<1.63E-04	<2.53E-04	<6.16E-04	0.0006	<7.54E-04	<2.40E-04
T-112		<1.32E-04	<2.51E-04	<1.25E-04	<2.51E-04	<7.86E-05	0.0002	<6.74E-04	<5.76E-05	<2.51E-04	0.0004	<1.62E-04	0.0008	0.0006	<1.03E-04	<2.51E-04	0.0033	<3.07E-04	<9.75E-05
T-113		<7.80E-05	<1.49E-04	<7.43E-05	<1.49E-04	<4.66E-05	0.0001	<3.99E-04	<3.42E-05	<1.49E-04	0.0003	<9.61E-05	0.0006	0.0004	<6.10E-05	<1.49E-04	0.0019	<1.82E-04	<5.78E-05
T-114		<1.78E-04	<6.70E-05	<3.35E-05	<6.70E-05	<2.10E-05	<1.69E-05	<1.80E-04	<1.54E-05	<6.70E-05	<2.37E-05	<4.34E-05	0.0001	<1.77E-05	<2.75E-05	<6.70E-05	<1.10E-05	<8.20E-05	<2.61E-05
T-201		<3.26E-05	<6.20E-05	<3.10E-05	0.0003	0.0004	<1.56E-05	<1.67E-04	0.0001	<6.20E-05	<2.19E-05	<4.01E-05	<1.93E-05	<1.64E-05	<2.55E-05	<6.20E-05	<1.02E-05	<7.59E-05	<2.41E-05
T-202		<3.26E-05	<6.21E-05	<3.11E-05	<6.21E-05	<1.95E-05	0.0009	<1.67E-04	<1.43E-05	<6.21E-05	<2.20E-05	<4.02E-05	<1.94E-05	<1.64E-05	<2.55E-05	<6.21E-05	<1.02E-05	<7.60E-05	<2.42E-05
T-203		<6.23E-05	0.0009	<5.93E-05	0.0010	0.0001	<2.99E-05	<3.19E-04	<2.72E-05	<1.19E-04	0.0027	<7.67E-05	0.0004	0.0009	<4.87E-05	<1.19E-04	0.0168	<1.45E-04	0.0007
T-204		0.0084	0.0146	<5.96E-05	0.0052	0.0018	0.0011	<3.20E-04	<2.74E-05	0.0040	0.0109	0.0042	0.0015	0.0074	<4.89E-05	<1.19E-04	0.0057	<1.46E-04	0.0004
T-205		0.0093	<1.08E-04	<5.42E-05	<1.08E-04	<3.40E-05	0.0003	<2.91E-04	<2.49E-05	<1.08E-04	0.0001	<7.01E-05	0.0004	0.0003	<4.45E-05	<1.08E-04	<1.78E-05	<1.32E-04	<4.21E-05
T-206		0.0045	<6.52E-05	<3.26E-05	<6.52E-05	0.0001	0.0037	<1.75E-04	0.0002	<6.52E-05	<2.30E-05	<4.22E-05	0.0002	<1.72E-05	<2.68E-05	<6.52E-05	0.0000	<7.98E-05	<2.54E-05
T-207		0.0057	<1.44E-04	<7.21E-05	<1.44E-04	<4.52E-05	0.0003	<3.88E-04	0.0002	<1.44E-04	0.0002	<9.33E-05	0.0005	<3.81E-05	<5.92E-05	<1.44E-04	<2.37E-05	<1.76E-04	<5.61E-05
T-208		0.0030	<9.55E-05	<4.78E-05	<9.55E-05	<3.00E-05	0.0003	<2.57E-04	0.0002	<9.55E-05	0.0001	<6.18E-05	<2.98E-05	<2.52E-05	<3.92E-05	<9.55E-05	0.0002	<1.17E-04	<3.71E-05
T-209		<6.88E-05	<1.31E-04	<6.55E-05	<1.31E-04	<4.11E-05	<3.30E-05	<3.52E-04	0.0001	<1.31E-04	<4.63E-05	<8.48E-05	<4.09E-05	<3.46E-05	<5.38E-05	<1.31E-04	<2.16E-05	<1.60E-04	<5.10E-05
T-210		<8.40E-05	<1.60E-04	<8.00E-05	<1.60E-04	<5.01E-05	<4.03E-05	<4.30E-04	<3.68E-05	<1.60E-04	<5.65E-05	<1.03E-04	<4.99E-05	<4.23E-05	<6.57E-05	<1.60E-04	<2.63E-05	<1.96E-04	<6.22E-05
T-211		<1.17E-04	<2.24E-04	<1.12E-04	<2.24E-04	<7.01E-05	<5.63E-05	<6.01E-04	0.0003	<2.24E-04	<7.89E-05	<1.45E-04	<6.97E-05	<5.91E-05	<9.18E-05	<2.24E-04	<3.68E-05	<2.73E-04	<8.69E-05
T-212		<1.84E-04	<3.50E-04	<1.75E-04	<3.50E-04	<1.10E-04	<8.82E-05	<9.41E-04	0.0002	<3.50E-04	<1.24E-04	<2.26E-04	<1.09E-04	<9.25E-05	<1.44E-04	<3.50E-04	<5.76E-05	<4.28E-04	<1.36E-04
T-213		<1.85E-04	<3.52E-04	<1.76E-04	<3.52E-04	<1.11E-04	<8.88E-05	<9.47E-04	<8.10E-05	<3.52E-04	<1.25E-04	<2.28E-04	<1.10E-04	<9.32E-05	<1.45E-04	<3.52E-04	<5.81E-05	<4.31E-04	<1.37E-04
T-214		<1.71E-04	<6.41E-05	<3.21E-05	<6.41E-05	<2.01E-05	<1.62E-05	<1.72E-04	<1.47E-05	<6.41E-05	<2.27E-05	<4.15E-05	<2.00E-05	<1.70E-05	<2.63E-05	<6.41E-05	<1.06E-05	<7.84E-05	<2.49E-05
T-301		<6.47E-05	<1.23E-04	0.0011	<1.23E-04	<3.86E-05	<3.10E-05	<3.31E-04	0.0001	<1.23E-04	<4.35E-05	<7.97E-05	<3.84E-05	<3.26E-05	<5.06E-05	<1.23E-04	<2.03E-05	<1.51E-04	<4.79E-05
T-302		<3.47E-05	<6.61E-05	0.0003	<6.61E-05	<2.07E-05	<1.67E-05	<1.78E-04	0.0001	<6.61E-05	<2.33E-05	<4.28E-05	0.0000	<1.75E-05	0.0003	<6.61E-05	<1.09E-05	<8.08E-05	<2.57E-05
T-303		<3.66E-05	<6.96E-05	0.0013	<6.96E-05	0.0001	<1.75E-05	<1.87E-04	0.0002	<6.96E-05	<2.46E-05	<4.50E-05	<2.17E-05	<1.84E-05	0.0002	<6.96E-05	<1.15E-05	<8.51E-05	<2.71E-05
T-304		<3.45E-05	0.0002	0.0024	0.0002	<2.06E-05	<1.65E-05	<1.76E-04	0.0002	<6.56E-05	<2.32E-05	<4.25E-05	<2.05E-05	<1.74E-05	0.0004	<6.56E-05	<1.08E-05	<8.03E-05	<2.55E-05
T-305		<3.25E-05	0.0013	0.0008	0.0016	0.0011	<1.56E-05	<1.66E-04	0.0002	0.0021	<2.18E-05	0.0014	0.0004	<1.63E-05	0.0012	0.0016	0.0003	0.0012	0.0016
T-306		<3.21E-05	0.0025	0.0006	0.0018	0.0011	<1.54E-05	<1.64E-04	0.0001	0.0018	<2.16E-05	0.0015	0.0002	<1.61E-05	0.0014	0.0017	0.0003	0.0012	0.0015
T-307		<3.20E-05	0.0027	0.0008	0.0018	0.0008	<1.54E-05	<1.64E-04	0.0001	0.0018	<2.15E-05	0.0010	0.0001	<1.61E-05	0.0015	0.0018	0.0002	0.0015	0.0011
T-308		<3.19E-05	0.0008	0.0008	0.0005	0.0005	<1.53E-05	<1.63E-04	<1.40E-05	0.0006	<2.15E-05	0.0006	0.0003	<1.61E-05	0.0017	0.0007	0.0002	0.0006	0.0007
T-309		<3.14E-05	<5.97E-05	0.0002	<5.97E-05	0.0002	<1.51E-05	<1.61E-04	0.0002	<5.97E-05	<2.11E-05	<3.86E-05	<1.86E-05	<1.58E-05	<2.45E-05	<5.97E-05	<9.84E-06	<7.31E-05	<2.32E-05
T-310		<1.91E-04	0.0148	0.0047	0.0153	0.0010	<3.03E-05	0.0824	<2.76E-05	0.0083	<4.24E-05	0.0075	0.0004	<3.17E-05	0.0031	0.0085	0.0002	0.0056	0.0016
T-311		0.0006	<7.56E-05	0.0003	0.0002	0.0001	<1.91E-05	<2.03E-04	0.0002	<7.56E-05	<2.67E-05	<4.89E-05	0.0034	0.0001	<3.11E-05	<7.56E-05	<1.25E-05	0.0009	<2.94E-05
T-312		0.0053	0.0036	0.0007	0.0039	0.0002	<2.00E-05	<2.14E-04	<1.83E-05	0.0023	<2.81E-05	0.0009	0.0001	<2.10E-05	0.0012	0.0018	0.0001	0.0048	0.0004
T-313		0.0074	0.0024	0.0006	0.0009	0.0004	<1.73E-05	<1.85E-04	<1.58E-05	0.0009	<2.43E-05	0.0001	0.0001	<1.81E-05	0.0007	0.0005	0.0001	0.0010	0.0005
T-314		<3.34E-05	<6.35E-05	<3.18E-05	<6.35E-05	<1.99E-05	<1.60E-05	<1.71E-04	<1.46E-05	<6.35E-05	<2.24E-05	<4.11E-05	<1.98E-05	<1.68E-05	<2.61E-05	<6.35E-05	<1.05E-05	<7.77E-05	<2.47E-05
T-401		<4.02E-05	<7.65E-05	<3.82E-05	<7.65E-05	0.0012	<1.93E-05	<2.06E-04	0.0002	<7.65E-05	<2.70E-05	<4.95E-05	<2.38E-05	<2.02E-05	<3.14E-05	<7.65E-05	<1.26E-05	<9.35E-05	<2.97E-05
T-402		<6.38E-05	<1.21E-04	<6.07E-05	<1.21E-04	<3.81E-05	0.0001	<3.26E-04	<2.79E-05	<1.21E-04	<4.29E-05	<7.86E-05	0.0026	<3.21E-05	<4.99E-05	<1.21E-04	0.0002	<1.49E-04	<4.72E-05
T-403		<9.61E-05	<1.83E-04	<9.14E-05	<1.83E-04	<5.73E-05	<4.61E-05	<4.91E-04	0.0004	<1.83E-04	<6.46E-05	<1.18E-04	0.0001	<4.83E-05	<7.51E-05	<1.83E-04	<3.01E-05	<2.24E-04	<7.11E-05
T-404		<3.80E-05	<7.24E-05	0.0001	<7.24E-05	0.0006	<1.82E-05	<1.95E-04	<1.66E-05	<7.24E-05	0.0019	<4.68E-05	0.0002	0.0020	0.0002	<7.24E-05	<1.19E-05	<8.85E-05	<2.81E-05
T-405		<3.24E-05	<6.17E-05	<3.08E-05	<6.17E-05	<1.93E-05	<1.55E-05	<1.66E-04	0.0001	<6.17E-05	<2.18E-05	<3.99E-05	<1.92E-05	<1.63E-05	<2.53E-05	<6.17E-05	<1.02E-05	<7.54E-05	<2.40E-05
T-406		<5.16E-05	<9.82E-05	<4.91E-05	<9.82E-05	<3.08E-05	<2.47E-05	<2.64E-04	0.0003	<9.82E-05	<3.47E-05	<6.35E-05	<3.06E-05	<2.59E-05	<4.03E-05	<9.82E-05	<1.62E-05	<1.20E-04	<3.82E-05
T-407		<6.16E-05	<1.17E-04	<5.87E-05	<1.17E-04	<3.68E-05	<2.96E-05	<3.15E-04	0.0003	<1.17E-04	<4.14E-05	<7.59E-05	<3.66E-05	<3.10E-05	<4.82E-05	<1.17E-04	<1.93E-05	<1.43E-04	<4.56E-05
T-408		<4.95E-05	<9.42E-05	<4.71E-05	<9.42E-05	<2.95E-05	<2.38E-05	<2.53E-04	0.0001	<9.42E-05	<3.33E-05	<6.10E-05	<2.94E-05	<2.49E-05	<3.87E-05	<9.42E-05	<1.55E-05	<1.15E-04	<3.66E-05
T-409		<4.67E-05	<8.89E-05	<4.45E-05	<8.89E-05	<2.79E-05	<2.24E-05	<2.39E-04	0.0008	<8.89E-05	<3.14E-05	<5.75E-05	<2.77E-05	<2.35E-05	<3.65E-05	<8.89E-05	<1.47E-05	<1.09E-04	<3.46E-05
T-410		<3.42E-05	<6.51E-05	<3.25E-05	<6.51E-05	<2.04E-05	<1.64E-05	<1.75E-04	0.0001	<6.51E-05	<2.30E-05	<4.21E-05	<2.03E-05	<1.72E-05	<2.67E-05	<6.51E-05	<1.07E-05	<7.96E-05	<2.53E-05
T-411		<3.74E-05	<7.13E-05	<3.56E-05	<7.13E-05	<2.23E-05	<1.80E-05	<1.92E-04	0.0003	<7.13E-05	<2.52E-05	<4.61E-05	<2.22E-05	<1.88E-05	0.0001	<7.13E-05	<1.17E-05	<8.72E-05	<2.77E-05
T-412		0.0020	<6.67E-05	<3.34E-05	<6.67E-05	<2.09E-05	<1.68E-05	<1.79E-04	0.0005	<6.67E-05	<2.36E-05	<4.32E-05	<2.08E-05	<1.76E-05	<2.74E-05	<6.67E-05	<1.10E-05	<8.16E-05	<2.59E-05
T-413		0.0053	<9.09E-05	<4.55E-05	<9.09E-05	<2.85E-05	<2.29E-05	<2.44E-04	0.0009	<9.09E-05	<3.21E-05	<5.88E-05	<2.84E-05	<2.40E-05	<3.73E-05	<9.09E-05	<1.50E-05	<1.11E-04	<3.54E-05
T-414		<3.34E-05	<6.35E-05	<3.18E-05	<6.35E-05	<1.99E-05	<1.60E-05	<1.71E-04	<1.46E-05	<6.35E-05	<2.24E-05	<4.11E-05	<1.98E-05	<1.68E-05	<2.61E-05	<6.35E-05	<1.05E-05	<7.77E-05	<2.47E-05
T-501		0.0009	<1.26E-04	<6.29E-05	<1.26E-04	<3.94E-05	<3.17E-05	<3.38E-04	0.0004	<1.26E-04	<4.44E-05	<8.13E-05	<3.92E-05	<3.32E-05	<5.16E-05	<1.26E-04	<2.07E-05	<1.54E-04	<4.89E-05
T-502		<3.89E-05	<7.40E-05	0.0003	<7.40E-05	0.0003	0.0101	<1.99E-04	0.0007	<7.40E-05	0.0001	<4.79E-05	<2.31E-05	<1.96E-05	<3.04E-05	<7.40E-05	<1.22E-05	<9.05E-05	<2.88E-05
T-503		<4.51E-05	<8.58E-05	0.0002	<8.58E-05	0.0007	0.0001	<2.31E-04	0.0005	<8.58E-05	<3.03E-05	<5.55E-05	0.0001	<2.27E-05	<3.52E-05	<8.58E-05	0.0001	<1.05E-04	0.0001
T-504		<3.46E-05	0.0006	0.0001	0.0004	0.0005	0.0052	<1.77E-04	0.0003	<6.59E-05	0.0005	<4.26E-05	<2.05E-05	0.0002	<2.71E-05	<6.59E-05	0.0001	<8.06E-05	0.0001
T-505		<3.14E-05	<5.97E-05	0.0001	<5.97E-05	0.0001	<1.51E-05	<1.61E-04	0.0004	<5.97E-05	0.0001	<3.86E-05	<1.86E-05	<1.58E-05	<2.45E-05	<5.97E-05	<9.84E-06	<7.31E-05	0.0001
T-506		<4.18E-05	<7.97E-05	<3.98E-05	<7.97E-05	0.0002	<2.01E-05	<2.14E-04	0.0008	<7.97E-05	<2.81E-05	<5.15E-05	0.0001	<2.11E-05	<3.27E-05	<7.97E-05	<1.31E-05	<9.74E-05	<3.10E-05
T-507		<3.28E-05	<6.25E-05	<3.13E-05	<6.25E-05	<1.96E-05	<1.58E-05	<1.68E-04	0.0002	<6.25E-05	<2.21E-05	<4.05E-05	<1.95E-05	<1.65E-05	<2.57E-05	<6.25E-05	<1.03E-05	<7.65E-05	<2.43E-05
T-508		<3.28E-05	<6.24E-05	<3.12E-05	<6.24E-05	<1.96E-05	<1.57E-05	<1.68E-04	0.0003	<6.24E-05	<2.20E-05	<4.04E-05	<1.95E-05	<1.65E-05	<2.56E-05	<6.24E-05	<1.03E-05	<7.63E-05	<2.43E-05
T-509		<3.25E-05	<6.20E-05	0.0001	<6.20E-05	<1.94E-05	<1.56E-05	<1.67E-04	0.0004	<6.20E-05	<2.19E-05	<4.01E-05	0.0001	<1.64E-05	<2.54E-05	<6.20E-05	<1.02E-05	<7.58E-05	<2.41E-05
T-510		<3.36E-05	<6.41E-05	<3.20E-05	<6.41E-05	<2.01E-05	<1.61E-05	<1.72E-04	<1.47E-05	<6.41E-05	<2.26E-05	<4.14E-05	<2.00E-05	<1.69E-05	<2.63E-05	<6.41E-05	<1.05E-05	<7.83E-05	<2.49E-05

Table 4.2c TO-15 Compounds (Flux in mg/m2-min for only compounds with at least one detect) (cont.).

Sample ID	Compound	2,2,4-Trimethylpentane	2-Hexanone	cis-1,2-Dichloroethene	Benzyl chloride	1,2-Dichloroethane	Chlorobenzene	Trichloroethene (TCE)	n-Butylbenzene	Methylene chloride	Ethyl acetate	Vinyl chloride	1,2,4-Trichlorobenzene	1,1-Dichloroethane	1,3-Butadiene	1,4 Dioxane	Methyl Iodide	1,2-Dichlorobenzene	Trichlorofluoromethane	Bromochloromethane
	CAS	540-84-1	591-78-6	156-59-2	100-44-7	107-06-2	108-90-7	79-01-6	104-51-8	75-09-2	141-78-6	75-01-4	120-82-1	75-34-3	106-99-0	123-91-1	4227-95-6	95-50-1	75-69-4	74-97-5
	MW	114.2	100.2	96.9	126.6	99	112.6	131.4	134.2	84.9	88.1	62.5	181.4	99	54.1	88.1	142.9	147	137.4	129.4
T-101		<7.04E-05	<1.20E-04	<5.97E-05	<3.08E-04	<6.10E-05	<1.35E-04	<3.81E-05	<3.26E-04	<5.23E-05	<1.05E-04	<3.85E-05	<6.58E-04	<6.10E-05	<3.33E-05	<1.05E-04	<1.71E-04	<3.57E-04	<1.64E-04	<7.98E-05
T-102		<4.11E-05	<7.01E-05	<3.49E-05	<1.80E-04	<3.57E-05	<7.87E-05	<2.23E-05	<1.91E-04	<3.06E-05	<6.16E-05	<2.25E-05	<3.84E-04	<3.57E-05	<1.95E-05	<6.16E-05	<9.99E-05	<2.09E-04	<9.61E-05	<4.66E-05
T-103		<4.41E-05	<7.50E-05	<3.74E-05	<1.92E-04	0.00017	<8.43E-05	<2.39E-05	<2.04E-04	0.00017	<6.60E-05	<2.41E-05	<4.12E-04	<3.82E-05	<2.09E-05	<6.60E-05	<1.07E-04	<2.23E-04	<1.03E-04	<4.99E-05
T-104		<6.10E-05	<1.04E-04	<5.17E-05	<2.66E-04	<5.29E-05	<1.17E-04	<3.30E-05	<2.82E-04	0.00015	<9.13E-05	<3.34E-05	<5.70E-04	<5.29E-05	<2.89E-05	<9.13E-05	<1.48E-04	<3.09E-04	<1.42E-04	<6.91E-05
T-105		<1.72E-05	<2.92E-05	<1.46E-05	<7.50E-05	<1.49E-05	<3.28E-05	<9.29E-06	<7.95E-05	<1.28E-05	<2.57E-05	<9.39E-06	<1.60E-04	<1.49E-05	<8.13E-06	<2.57E-05	<4.17E-05	<8.71E-05	<4.01E-05	<1.94E-05
T-106		<1.79E-05	<3.05E-05	<1.52E-05	<7.84E-05	<1.55E-05	<3.43E-05	<9.71E-06	<8.31E-05	<1.33E-05	<2.69E-05	<9.82E-06	<1.68E-04	<1.55E-05	<8.50E-06	<2.69E-05	<4.36E-05	<9.10E-05	<4.19E-05	<2.03E-05
T-107		<3.44E-05	<5.85E-05	<2.92E-05	<1.50E-04	<2.98E-05	<6.58E-05	<1.86E-05	<1.59E-04	<2.55E-05	<5.15E-05	<1.88E-05	<3.21E-04	<2.98E-05	<1.63E-05	<5.15E-05	<8.35E-05	<1.74E-04	<8.03E-05	<3.89E-05
T-108		<1.92E-05	<3.27E-05	<1.63E-05	<8.38E-05	<1.66E-05	<3.67E-05	<1.04E-05	<8.88E-05	<1.43E-05	<2.87E-05	<1.05E-05	<1.79E-04	<1.66E-05	<9.08E-06	<2.87E-05	<4.66E-05	<9.73E-05	<4.48E-05	<2.17E-05
T-109		<2.67E-05	<4.55E-05	<2.27E-05	<1.17E-04	<2.32E-05	<5.11E-05	<1.45E-05	<1.24E-04	<1.99E-05	<4.00E-05	<1.46E-05	<2.50E-04	<2.32E-05	<1.27E-05	<4.00E-05	<6.49E-05	<1.36E-04	<6.24E-05	<3.03E-05
T-110		<3.58E-05	<6.10E-05	<3.04E-05	<1.56E-04	<3.10E-05	<6.85E-05	<1.94E-05	<1.66E-04	<2.66E-05	<5.36E-05	<1.96E-05	<3.35E-04	<3.10E-05	<1.70E-05	<5.36E-05	<8.70E-05	<1.82E-04	<8.36E-05	<4.06E-05
T-111		<1.49E-04	<2.53E-04	<1.26E-04	<6.49E-04	<1.29E-04	<2.84E-04	0.00022	<6.88E-04	<1.10E-04	<2.23E-04	<8.13E-05	<1.39E-03	<1.29E-04	<7.04E-05	<2.23E-04	<3.61E-04	0.00178	<3.47E-04	<1.68E-04
T-112		<6.05E-05	<1.03E-04	0.00284	<2.64E-04	0.00022	<1.16E-04	0.00131	<2.80E-04	<4.49E-05	<9.05E-05	0.00014	<5.65E-04	<5.24E-05	<2.86E-05	<9.05E-05	<1.47E-04	<3.07E-04	<1.41E-04	<6.85E-05
T-113		<3.58E-05	<6.10E-05	0.00187	<1.56E-04	0.00013	<6.85E-05	0.00089	<1.66E-04	<2.66E-05	<5.36E-05	0.00009	<3.35E-04	<3.10E-05	<1.70E-05	<5.36E-05	<8.70E-05	<1.82E-04	<8.36E-05	0.00009
T-114		<1.62E-05	<2.75E-05	<1.37E-05	<7.06E-05	<1.40E-05	<3.09E-05	<8.75E-06	<7.48E-05	<1.20E-05	<2.42E-05	<8.84E-06	<1.51E-04	<1.40E-05	0.00003	<2.42E-05	<3.93E-05	<8.20E-05	<3.77E-05	<1.83E-05
T-201		<1.50E-05	<2.55E-05	<1.27E-05	<6.53E-05	<1.30E-05	<2.86E-05	<8.10E-06	<6.93E-05	<1.11E-05	<2.24E-05	<8.18E-06	<1.40E-04	<1.30E-05	<7.08E-06	<2.24E-05	<3.63E-05	<7.59E-05	<3.49E-05	<1.69E-05
T-202		<1.50E-05	<2.55E-05	<1.27E-05	<6.55E-05	<1.30E-05	<2.87E-05	<8.11E-06	<6.94E-05	<1.11E-05	<2.24E-05	<8.20E-06	<1.40E-04	<1.30E-05	<7.10E-06	<2.24E-05	<3.64E-05	<7.60E-05	<3.50E-05	<1.70E-05
T-203		<2.86E-05	<4.87E-05	0.00398	<1.25E-04	0.00298	<5.47E-05	0.00356	<1.32E-04	0.00049	<4.28E-05	<1.56E-05	<2.67E-04	0.00016	<1.35E-05	<4.28E-05	<6.94E-05	<1.45E-04	<6.67E-05	<3.24E-05
T-204		0.00748	<4.89E-05	0.00313	<1.26E-04	0.00261	<5.50E-05	0.00227	0.00123	0.00238	<4.30E-05	0.00107	<2.68E-04	0.00041	<1.36E-05	<4.30E-05	<6.98E-05	<1.46E-04	0.00026	<3.25E-05
T-205		0.00028	<4.45E-05	<2.22E-05	<1.14E-04	0.00007	<5.00E-05	<1.41E-05	<1.21E-04	<1.94E-05	<3.91E-05	<1.43E-05	<2.44E-04	<2.26E-05	<1.24E-05	<3.91E-05	<6.34E-05	<1.32E-04	<6.10E-05	<2.96E-05
T-206		0.00010	<2.68E-05	<1.33E-05	<6.87E-05	<1.36E-05	<3.01E-05	<8.51E-06	<7.28E-05	<1.17E-05	<2.35E-05	<8.61E-06	<1.47E-04	<1.36E-05	<7.45E-06	<2.35E-05	<3.82E-05	<7.98E-05	<3.67E-05	<1.78E-05
T-207		<3.48E-05	<5.92E-05	<2.95E-05	<1.52E-04	<3.01E-05	<6.65E-05	<1.88E-05	<1.61E-04	<2.58E-05	<5.21E-05	<1.90E-05	<3.25E-04	<3.01E-05	<1.65E-05	<5.21E-05	<8.44E-05	<1.76E-04	<8.12E-05	<3.94E-05
T-208		0.00019	<3.92E-05	<1.95E-05	<1.01E-04	<2.00E-05	<4.41E-05	<1.25E-05	<1.07E-04	<1.71E-05	<3.45E-05	<1.26E-05	<2.15E-04	<2.00E-05	<1.09E-05	<3.45E-05	<5.59E-05	<1.17E-04	<5.38E-05	<2.61E-05
T-209		<3.16E-05	<5.38E-05	<2.68E-05	<1.38E-04	<2.74E-05	<6.05E-05	<1.71E-05	<1.46E-04	<2.35E-05	<4.73E-05	<1.73E-05	<2.95E-04	<2.74E-05	<1.50E-05	<4.73E-05	<7.67E-05	<1.60E-04	<7.38E-05	<3.58E-05
T-210		<3.86E-05	<6.57E-05	<3.27E-05	<1.68E-04	<3.34E-05	<7.38E-05	<2.09E-05	<1.79E-04	<2.87E-05	<5.77E-05	<2.11E-05	<3.60E-04	<3.34E-05	<1.83E-05	<5.77E-05	<9.37E-05	<1.96E-04	<9.00E-05	<4.37E-05
T-211		<5.39E-05	<9.18E-05	<4.57E-05	<2.35E-04	<4.67E-05	<1.03E-04	<2.92E-05	<2.50E-04	<4.01E-05	<8.07E-05	<2.95E-05	<5.03E-04	<4.67E-05	<2.55E-05	<8.07E-05	<1.31E-04	<2.73E-04	<1.26E-04	<6.11E-05
T-212		<8.44E-05	<1.44E-04	<7.16E-05	<3.69E-04	<7.31E-05	<1.61E-04	<4.57E-05	<3.91E-04	<6.27E-05	<1.26E-04	<4.62E-05	<7.88E-04	<7.31E-05	<4.00E-05	<1.26E-04	<2.05E-04	<4.28E-04	<1.97E-04	<9.56E-05
T-213		<8.50E-05	<1.45E-04	<7.21E-05	<3.71E-04	<7.37E-05	<1.63E-04	<4.60E-05	<3.94E-04	<6.32E-05	<1.27E-04	<4.65E-05	<7.94E-04	<7.37E-05	<4.03E-05	<1.27E-04	<2.06E-04	<4.31E-04	<1.98E-04	<9.63E-05
T-214		<1.55E-05	<2.63E-05	<1.31E-05	<6.76E-05	<1.34E-05	<2.96E-05	<8.37E-06	<7.16E-05	<1.15E-05	<2.32E-05	<8.46E-06	<1.44E-04	<1.34E-05	<7.33E-06	<2.32E-05	<3.76E-05	<7.84E-05	<3.61E-05	<1.75E-05
T-301		<2.97E-05	<5.06E-05	<2.52E-05	<1.30E-04	<2.57E-05	<5.68E-05	<1.61E-05	<1.38E-04	<2.21E-05	<4.45E-05	<1.63E-05	<2.77E-04	<2.57E-05	<1.41E-05	<4.45E-05	<7.21E-05	<1.51E-04	<6.94E-05	<3.36E-05
T-302		<1.59E-05	0.00016	<1.35E-05	<6.96E-05	<1.38E-05	<3.05E-05	<8.63E-06	<7.38E-05	<1.18E-05	0.00007	<8.72E-06	<1.49E-04	<1.38E-05	<7.55E-06	<2.39E-05	<3.87E-05	<8.08E-05	<3.72E-05	<1.81E-05
T-303		<1.68E-05	0.00012	<1.42E-05	<7.33E-05	<1.45E-05	<3.21E-05	<9.09E-06	<7.77E-05	<1.25E-05	<2.51E-05	<9.18E-06	<1.57E-04	<1.45E-05	<7.95E-06	<2.51E-05	<4.08E-05	<8.51E-05	<3.92E-05	<1.90E-05
T-304		<1.58E-05	0.00016	<1.34E-05	<6.91E-05	<1.37E-05	<3.03E-05	<8.57E-06	<7.33E-05	<1.18E-05	0.00015	<8.66E-06	<1.48E-04	<1.37E-05	0.00004	<2.37E-05	<3.84E-05	<8.03E-05	<3.70E-05	<1.79E-05
T-305		<1.49E-05	0.00083	<1.27E-05	<6.51E-05	<1.29E-05	0.00043	<8.07E-06	0.00052	<1.11E-05	0.00032	<8.16E-06	<1.39E-04	<1.29E-05	<7.06E-06	<2.23E-05	0.00010	<7.56E-05	<3.48E-05	<1.69E-05
T-306		<1.47E-05	0.00093	<1.25E-05	<6.43E-05	0.00003	0.00054	<7.97E-06	0.00064	<1.09E-05	0.00029	<8.05E-06	<1.37E-04	<1.28E-05	0.00004	<2.20E-05	0.00010	<7.46E-05	<3.44E-05	<1.67E-05
T-307		<1.47E-05	0.00065	<1.25E-05	<6.42E-05	0.00005	0.00056	<7.95E-06	0.00053	<1.09E-05	0.00026	<8.04E-06	<1.37E-04	<1.27E-05	0.00004	<2.20E-05	<3.57E-05	<7.45E-05	<3.43E-05	<1.66E-05
T-308		<1.47E-05	0.00061	<1.24E-05	<6.40E-05	0.00003	0.00024	<7.94E-06	<6.79E-05	<1.09E-05	0.00026	<8.02E-06	<1.37E-04	<1.27E-05	0.00004	<2.20E-05	<3.56E-05	<7.44E-05	<3.42E-05	<1.66E-05
T-309		<1.44E-05	0.00008	<1.22E-05	<6.29E-05	<1.25E-05	<2.76E-05	<7.80E-06	<6.67E-05	<1.07E-05	<2.16E-05	<7.88E-06	<1.35E-04	<1.25E-05	<6.82E-06	<2.16E-05	<3.50E-05	<7.31E-05	<3.36E-05	<1.63E-05
T-310		<2.89E-05	0.00170	<2.46E-05	0.00934	<2.51E-05	0.00318	<1.57E-05	<1.34E-04	<2.15E-05	0.00071	<1.58E-05	0.00259	<2.51E-05	<1.37E-05	<4.33E-05	<7.03E-05	<2.19E-04	<6.76E-05	<3.28E-05
T-311		<1.82E-05	0.00010	<1.55E-05	<7.97E-05	<1.58E-05	<3.49E-05	<9.87E-06	<8.45E-05	<1.36E-05	<2.73E-05	<9.98E-06	<1.70E-04	<1.58E-05	<8.64E-06	<2.73E-05	<4.43E-05	<9.25E-05	<4.26E-05	<2.07E-05
T-312		<1.92E-05	0.00093	<1.63E-05	<8.37E-05	<1.66E-05	0.00025	<1.04E-05	0.00145	<1.42E-05	<2.87E-05	<1.05E-05	<1.79E-04	<1.66E-05	<9.07E-06	<2.87E-05	<4.65E-05	<9.72E-05	<4.47E-05	<2.17E-05
T-313		<1.66E-05	0.00043	<1.40E-05	<7.23E-05	<1.43E-05	<3.17E-05	<8.96E-06	<7.67E-05	<1.23E-05	<2.48E-05	<9.06E-06	<1.55E-04	<1.43E-05	<7.84E-06	<2.48E-05	<4.02E-05	<8.40E-05	<3.87E-05	<1.88E-05
T-314		<1.53E-05	<2.61E-05	<1.30E-05	<6.69E-05	<1.33E-05	<2.93E-05	<8.29E-06	<7.09E-05	<1.14E-05	<2.29E-05	<8.38E-06	<1.43E-04	<1.33E-05	<7.26E-06	<2.29E-05	<3.72E-05	<7.77E-05	<3.58E-05	<1.74E-05
T-401		<1.84E-05	<3.14E-05	<1.56E-05	<8.05E-05	<1.60E-05	<3.53E-05	<9.98E-06	<8.54E-05	<1.37E-05	<2.76E-05	<1.01E-05	<1.72E-04	<1.60E-05	<8.73E-06	<2.76E-05	<4.48E-05	<9.35E-05	<4.30E-05	<2.09E-05
T-402		0.00015	<4.99E-05	<2.48E-05	<1.28E-04	<2.54E-05	<5.60E-05	<1.59E-05	<1.36E-04	<2.18E-05	<4.38E-05	<1.60E-05	<2.74E-04	<2.54E-05	<1.39E-05	<4.38E-05	<7.11E-05	<1.49E-04	<6.84E-05	<3.32E-05
T-403		<4.41E-05	<7.51E-05	<3.74E-05	<1.93E-04	<3.82E-05	<8.44E-05	<2.39E-05	<2.04E-04	<3.28E-05	<6.60E-05	<2.41E-05	<4.12E-04	<3.82E-05	<2.09E-05	<6.60E-05	<1.07E-04	<2.24E-04	<1.03E-04	<4.99E-05
T-404		0.00364	0.00026	<1.48E-05	<7.62E-05	0.00011	<3.34E-05	<9.45E-06	<8.08E-05	0.00070	<2.61E-05	<9.55E-06	<1.63E-04	0.00038	<8.26E-06	0.00033	<4.24E-05	<8.85E-05	<4.07E-05	<1.98E-05
T-405		<1.49E-05	<2.53E-05	<1.26E-05	<6.50E-05	<1.29E-05	<2.85E-05	<8.05E-06	<6.89E-05	<1.11E-05	<2.23E-05	<8.14E-06	<1.39E-04	<1.29E-05	<7.05E-06	<2.23E-05	<3.61E-05	<7.54E-05	<3.47E-05	<1.69E-05
T-406		<2.37E-05	<4.03E-05	<2.01E-05	<1.03E-04	<2.05E-05	<4.53E-05	<1.28E-05	<1.10E-04	<1.76E-05	<3.54E-05	<1.30E-05	<2.21E-04	<2.05E-05	<1.12E-05	<3.54E-05	<5.75E-05	<1.20E-04	<5.53E-05	<2.68E-05
T-407		<2.83E-05	<4.82E-05	<2.40E-05	<1.24E-04	<2.45E-05	<5.41E-05	<1.53E-05	<1.31E-04	<2.10E-05	<4.24E-05	<1.55E-05	<2.64E-04	<2.45E-05	<1.34E-05	<4.24E-05	<6.87E-05	<1.43E-04	<6.60E-05	<3.20E-05
T-408		<2.27E-05	<3.87E-05	<1.93E-05	<9.93E-05	<1.97E-05	<4.35E-05	<1.23E-05	<1.05E-04	<1.69E-05	<3.40E-05	<1.24E-05	<2.12E-04	<1.97E-05	<1.08E-05	<3.40E-05	<5.52E-05	<1.15E-04	<5.31E-05	<2.57E-05
T-409		<2.14E-05	<3.65E-05	<1.82E-05	<9.37E-05	<1.86E-05	<4.10E-05	<1.16E-05	<9.93E-05	<1.59E-05	<3.21E-05	<1.17E-05	<2.00E-04	<1.86E-05	<1.02E-05	<3.21E-05	<5.21E-05	<1.09E-04	<5.01E-05	<2.43E-05
T-410		<1.57E-05	<2.67E-05	<1.33E-05	<6.85E-05	<1.36E-05	<3.00E-05	<8.49E-06	<7.26E-05	<1.17E-05	<2.35E-05	<8.58E-06	<1.47E-04	<1.36E-05	<7.43E-06	<2.35E-05	<3.81E-05	<7.96E-05	<3.66E-05	<1.78E-05
T-411		<1.72E-05	0.00007	<1.46E-05	<7.51E-05	<1.49E-05	<3.29E-05	<9.30E-06	<7.96E-05	<1.28E-05	<2.57E-05	<9.40E-06	<1.61E-04	<1.49E-05	<8.14E-06	<2.57E-05	<4.17E-05	<8.72E-05	<4.01E-05	<1.95E-05
T-412		<1.61E-05	<2.74E-05	<1.36E-05	<7.03E-05	<1.39E-05	<3.08E-05	<8.71E-06	<7.45E-05	<1.20E-05	<2.41E-05	<8.80E-06	<1.50E-04	<1.39E-05	<7.62E-06	<2.41E-05	<3.91E-05	<8.16E-05	<3.76E-05	<1.82E-05
T-413		<2.19E-05	<3.73E-05	<1.86E-05	<9.58E-05	<1.90E-05	<4.20E-05	<1.19E-05	<1.02E-04	<1.63E-05	<3.28E-05	<1.20E-05	<2.05E-04	<1.90E-05	0.00004	<3.28E-05	<5.33E-05	<1.11E-04	<5.12E-05	<2.48E-05
T-414		<1.53E-05	<2.61E-05	<1.30E-05	<6.69E-05	<1.33E-05	<2.93E-05	<8.29E-06	<7.09E-05	<1.14E-05	<2.29E-05	<8.38E-06	<1.43E-04	<1.33E-05	<7.26E-06	<2.29E-05	<3.72E-05	<7.77E-05	<3.58E-05	<1.74E-05
T-501		<3.03E-05	<5.16E-05	<2.57E-05	<1.32E-04	<2.63E-05	<5.80E-05	<1.64E-05	<1.40E-04	<2.25E-05	<4.54E-05	<1.66E-05	<2.83E-04	<2.63E-05	<1.44E-05	<4.54E-05	<7.36E-05	<1.54E-04	<7.08E-05	<3.43E-05
T-502		<1.78E-05	<3.04E-05	<1.51E-05	<7.79E-05	<1.55E-05	<3.41E-05	<9.66E-06	<8.26E-05	<1.33E-05	<2.67E-05	<9.76E-06	<1.67E-04	<1.55E-05	<8.45E-06	<2.67E-05	<4.33E-05	<9.05E-05	<4.17E-05	<2.02E-05
T-503		0.00011	<3.52E-05	<1.76E-05	<9.04E-05	<1.79E-05	<3.96E-05	<1.12E-05	<9.58E-05	<1.54E-05	<3.10E-05	<1.13E-05	<1.93E-04	<1.79E-05	<9.80E-06	<3.10E-05	<5.02E-05	<1.05E-04	<4.83E-05	<2.34E-05
T-504		0.00072	<2.71E-05	0.00011	<6.94E-05	0.00005	<3.04E-05	<8.60E-06	<7.36E-05	<1.18E-05	<2.38E-05	<8.69E-06	<1.48E-04	<1.38E-05	<7.52E-06	<2.38E-05	<3.86E-05	<8.06E-05	<3.71E-05	<1.80E-05
T-505		<1.44E-05	<2.45E-05	<1.22E-05	<6.29E-05	<1.25E-05	<2.76E-05	<7.80E-06	<6.67E-05	<1.07E-05	<2.16E-05	<7.88E-06	<1.35E-04	<1.25E-05	<6.82E-06	<2.16E-05	<3.50E-05	<7.31E-05	<3.36E-05	<1.63E-05
T-506		<1.92E-05	<3.27E-05	<1.63E-05	<8.39E-05	<1.66E-05	<3.68E-05	<1.04E-05	<8.89E-05	<1.43E-05	<2.88E-05	<1.05E-05	<1.79E-04	<1.66E-05	<9.10E-06	<2.88E-05	<4.66E-05	<9.74E-05	<4.49E-05	<2.18E-05
T-507		<1.51E-05	<2.57E-05	<1.28E-05	<6.59E-05	<1.31E-05	<2.89E-05	<8.16E-06	<6.98E-05	<1.12E-05	<2.26E-05	<8.25E-06	<1.41E-04	<1.31E-05	<7.14E-06	<2.26E-05	<3.66E-05	<7.65E-05	<3.52E-05	<1.71E-05
T-508		<1.50E-05	<2.56E-05	<1.28E-05	<6.57E-05	<1.30E-05	<2.88E-05	<8.15E-06	<6.97E-05	<1.12E-05	<2.25E-05	<8.23E-06	<1.41E-04	<1.30E-05	<7.13E-06	<2.25E-05	<3.65E-05	<7.63E-05	<3.51E-05	<1.70E-05
T-509		<1.49E-05	<2.54E-05	<1.27E-05	<6.53E-05	<1.29E-05	<2.86E-05	<8.09E-06	<6.92E-05	<1.11E-05	<2.24E-05	<8.17E-06	<1.40E-04	<1.29E-05	<7.08E-06	<2.24E-05	<3.63E-05	<7.58E-05	<3.49E-05	<1.69E-05
T-510		<1.54E-05	<2.63E-05	<1.31E-05	<6.75E-05	<1.34E-05	<2.96E-05	<8.36E-06	<7.15E-05	<1.15E-05	<2.31E-05	<8.45E-06	<1.44E-04	<1.34E-05	<7.31E-06	<2.31E-05	<3.75E-05	<7.83E-05	<3.61E-05	<1.75E-05

Table 4.3a TO-14 Compounds (Flux in mg/m2-min for only compounds with at least one detect).

Sample ID	Compound	Benzene	Propane	Toluene	Ethane	n-Butane	Ethene	m,p-xylene	n-propylbenzene	Propene	Ethylbenzene	1,2,4-Trimethylbenzene	n-Heptane	o-xylene	n-Decane	t-2-Butene	t-2-Pentene	i-Pentane	n-Octane
	CAS	71-43-2	74-98-6	108-88-3	74-84-0	106-97-8	74-85-1	108-38-3	103-65-1	115-07-1	100-41-4	95-63-6	142-82-5	95-47-6	124-18-5	624-64-6	646-04-8	78-78-4	111-65-9
	MW	78.1	44.1	92.1	30.1	58.1	28.1	106.2	120.2	42.1	106.2	120.2	100.2	106.2	142.3	56.1	70.1	72.2	114.2
T-101		<2.80E-04	0.00077	<2.83E-04	0.00071	<3.12E-04	0.00086	<2.85E-04	<2.87E-04	0.00061	<2.85E-04	0.00122	<3.08E-04	<2.85E-04	<3.06E-04	<3.02E-04	0.00422	<3.10E-04	<3.07E-04
T-102		<1.40E-04	0.00039	<1.42E-04	0.00041	0.00058	<1.51E-04	<1.43E-04	<1.44E-04	<1.51E-04	<1.43E-04	0.00217	<1.54E-04	<1.43E-04	<1.53E-04	0.00049	0.00079	<1.56E-04	<1.54E-04
T-103		0.00359	0.00905	0.01059	0.00202	0.02574	0.00191	0.01466	0.03074	0.01043	0.01048	0.02069	0.00163	0.00640	0.00961	0.00054	0.00527	0.00060	0.00334
T-104		0.00332	0.18453	0.01120	0.02531	0.12381	0.02391	0.01152	0.03974	0.08369	0.00658	0.00362	0.00320	0.01141	0.00617	0.06758	0.00298	0.00545	0.00246
T-105		0.00424	0.00024	0.00114	0.00025	0.00013	0.00015	0.00105	0.00051	0.00031	0.00056	0.00016	0.00101	0.00034	0.00059	0.00032	0.00053	<5.11E-05	0.00060
T-106		0.00073	<5.43E-05	0.00013	0.00018	<5.37E-05	0.00011	<4.91E-05	0.00024	0.00015	<4.91E-05	<4.94E-05	0.00021	<4.91E-05	0.00034	<5.18E-05	<5.18E-05	<5.34E-05	0.00016
T-107		0.01960	0.00073	0.00512	0.00086	0.00053	0.00038	0.00299	0.00171	0.00180	0.00119	0.00049	0.00288	0.00091	0.00076	0.00359	0.00194	<1.02E-04	0.00168
T-108		0.00122	0.00020	0.00025	0.00018	0.00017	0.00014	0.00023	0.00038	0.00023	0.00016	0.00011	0.00032	<5.24E-05	0.00033	<5.54E-05	0.00014	0.00069	0.00016
T-109		0.00017	0.00019	0.00024	0.00026	<8.00E-05	<7.74E-05	0.00050	<7.35E-05	<7.73E-05	0.00016	<7.35E-05	<7.88E-05	<7.31E-05	<7.83E-05	<7.72E-05	<7.72E-05	<7.95E-05	<7.86E-05
T-110		<9.60E-05	0.00037	<9.71E-05	0.00031	0.00055	<1.04E-04	0.00069	<9.85E-05	<1.04E-04	<9.79E-05	<9.85E-05	<1.06E-04	0.00020	<1.05E-04	<1.03E-04	<1.03E-04	0.00122	<1.05E-04
T-111		0.00120	0.00099	<4.03E-04	0.00127	0.00883	0.00113	<4.06E-04	0.00107	<4.30E-04	<4.06E-04	<4.09E-04	<4.38E-04	<4.06E-04	<4.36E-04	<4.29E-04	0.00118	0.00497	<4.37E-04
T-112		<1.62E-04	<1.83E-04	0.00056	<1.87E-04	0.00095	0.00061	<1.65E-04	0.01875	<1.75E-04	0.00179	<1.66E-04	<1.78E-04	0.00099	0.01352	<1.75E-04	<1.75E-04	<1.80E-04	0.00108
T-113		0.00071	0.00490	0.00142	0.00145	0.07251	0.00162	0.00025	0.01310	0.02201	0.00051	0.00780	0.00089	0.00059	<1.05E-04	0.00208	<1.03E-04	0.00402	0.00055
T-114		<4.33E-05	<4.89E-05	<4.38E-05	0.00014	<4.84E-05	0.00015	<4.42E-05	<4.45E-05	0.00011	<4.42E-05	<4.45E-05	<4.77E-05	<4.42E-05	<4.74E-05	<4.67E-05	<4.67E-05	<4.81E-05	<4.75E-05
T-201		<4.01E-05	0.00065	<4.05E-05	0.00028	0.00049	0.00012	<4.09E-05	<4.11E-05	0.00030	<4.09E-05	0.00040	<4.41E-05	<4.09E-05	0.00056	<4.32E-05	<4.32E-05	0.00065	<4.40E-05
T-202		<4.02E-05	0.00010	<4.06E-05	0.00011	0.00075	0.00015	<4.10E-05	<4.12E-05	0.00015	<4.10E-05	<4.12E-05	<4.42E-05	<4.10E-05	<4.39E-05	<4.33E-05	<4.33E-05	0.00041	<4.41E-05
T-203		0.00377	0.00025	0.04336	0.01239	<8.55E-05	0.00733	0.00983	0.07978	<8.26E-05	0.00549	0.01019	0.03488	0.01095	0.00150	0.00144	0.00130	0.00219	0.01167
T-204		0.00632	0.00057	0.07515	0.06555	0.00126	0.05412	0.01634	0.08422	0.00134	0.00668	0.00113	0.07215	0.00632	0.00744	0.00309	<8.30E-05	0.00154	0.01524
T-205		<7.00E-05	0.00017	0.00054	<8.10E-05	0.00016	0.00022	0.00020	0.00107	<7.55E-05	<7.14E-05	<7.18E-05	0.00079	<7.14E-05	<7.66E-05	<7.54E-05	<7.54E-05	0.00166	<7.68E-05
T-206		<4.22E-05	<4.76E-05	0.00022	<4.88E-05	0.00016	0.00018	0.00019	0.00035	<4.55E-05	<4.30E-05	<4.33E-05	0.00019	<4.30E-05	<4.61E-05	<4.54E-05	<4.54E-05	0.00013	0.00009
T-207		<9.32E-05	0.00066	<9.42E-05	0.00120	<1.04E-04	0.00023	<9.51E-05	0.00053	0.00032	<9.51E-05	<9.56E-05	0.00029	<9.51E-05	<1.02E-04	<1.00E-04	<1.00E-04	<1.03E-04	<1.02E-04
T-208		<6.18E-05	0.00152	0.00144	0.00026	0.00078	0.00059	0.00051	0.01288	0.00055	0.00034	0.01562	0.00015	0.00060	0.00734	<6.65E-05	<6.65E-05	<6.85E-05	0.00023
T-209		<8.47E-05	<9.57E-05	<8.56E-05	0.00029	<9.45E-05	<9.15E-05	<8.64E-05	<8.69E-05	<9.13E-05	<8.64E-05	0.00020	<9.32E-05	<8.64E-05	<9.26E-05	<9.13E-05	<9.13E-05	<9.40E-05	<9.29E-05
T-210		<1.03E-04	0.00026	<1.05E-04	0.00025	<1.15E-04	<1.12E-04	<1.05E-04	<1.06E-04	<1.11E-04	<1.05E-04	<1.06E-04	<1.14E-04	<1.05E-04	<1.13E-04	<1.11E-04	<1.11E-04	<1.15E-04	<1.13E-04
T-211		<1.44E-04	0.00035	0.00046	0.00034	<1.61E-04	<1.56E-04	<1.47E-04	<1.48E-04	<1.56E-04	<1.47E-04	<1.48E-04	<1.59E-04	<1.47E-04	<1.58E-04	<1.56E-04	<1.56E-04	<1.60E-04	<1.58E-04
T-212		<2.26E-04	0.00065	<2.29E-04	0.00088	<2.52E-04	0.00050	<2.31E-04	<2.32E-04	0.00057	<2.31E-04	<2.32E-04	<2.49E-04	<2.31E-04	<2.47E-04	<2.44E-04	<2.44E-04	<2.51E-04	<2.48E-04
T-213		<3.09E-04	<3.49E-04	<3.13E-04	0.00105	<3.45E-04	<3.34E-04	<3.16E-04	<3.17E-04	<3.34E-04	<3.16E-04	<3.17E-04	<3.40E-04	<3.16E-04	<3.38E-04	0.00092	0.00145	<3.43E-04	<3.39E-04
T-214		<4.15E-05	<4.68E-05	<4.19E-05	0.00024	<4.63E-05	0.00013	<4.23E-05	<4.26E-05	<4.47E-05	<4.23E-05	<4.26E-05	<4.56E-05	<4.23E-05	<4.53E-05	<4.47E-05	<4.47E-05	<4.60E-05	<4.55E-05
T-301		0.00177	0.00061	0.00024	0.00050	0.00097	<8.60E-05	0.00017	<8.17E-05	0.00087	0.00019	0.00048	0.00043	0.00029	<8.71E-05	0.00321	0.00282	0.00047	0.00019
T-302		0.00143	0.00033	0.00022	0.00046	0.00032	0.00017	0.00021	<4.38E-05	0.00048	0.00035	0.00048	0.00064	0.00021	0.00021	0.00016	0.00228	0.00041	0.00022
T-303		0.00065	0.00017	0.00009	0.00017	<5.02E-05	0.00010	<4.59E-05	<4.62E-05	0.00018	0.00012	<4.62E-05	0.00020	0.00017	0.00016	<4.85E-05	0.00080	0.00030	0.00012
T-304		0.00357	0.00019	0.00096	0.00015	0.00070	<4.58E-05	0.00051	<4.35E-05	0.00022	<4.33E-05	0.00033	0.00549	0.00037	<4.64E-05	<4.57E-05	<4.57E-05	0.00031	0.00009
T-305		0.01382	0.00020	0.00971	0.00021	0.00020	0.00012	0.01107	0.00289	0.00030	0.00973	0.00793	0.00139	0.00569	0.00642	0.00037	0.00385	0.00034	0.00292
T-306		0.03426	0.00038	0.01692	0.00034	0.00048	0.00022	0.02318	0.00609	0.00075	0.02104	0.01546	0.00353	0.00763	0.01182	0.00103	<4.25E-05	0.00016	0.00709
T-307		0.00158	0.00051	0.00477	0.00025	0.00022	0.00029	0.02174	0.00351	0.00095	0.02197	0.01597	0.00371	0.01024	0.01231	0.00090	<4.24E-05	0.00491	0.00714
T-308		0.03567	0.00029	0.01557	0.00039	0.00052	0.00019	0.01492	0.00115	0.00086	0.01555	0.00504	0.00310	0.00562	0.00337	0.00194	0.01185	0.00021	0.00444
T-309		<3.86E-05	0.00011	<3.90E-05	<4.47E-05	<4.31E-05	0.00010	<3.94E-05	<3.96E-05	0.00008	<3.94E-05	<3.96E-05	<4.25E-05	<3.94E-05	<4.22E-05	0.00016	<4.16E-05	<4.28E-05	<4.24E-05
T-310		0.15499	0.00072	0.05557	0.00057	0.00109	0.00055	0.09283	0.02739	0.00201	0.08378	0.06810	0.01403	0.04660	0.02626	0.00782	0.02279	0.00069	0.02535
T-311		0.00039	0.00020	0.00014	0.00017	<5.46E-05	0.00016	0.00049	<5.02E-05	0.00021	0.00035	0.00114	<5.38E-05	0.00051	0.00039	<5.27E-05	0.00020	0.00013	<5.36E-05
T-312		0.04420	0.00032	0.01652	0.00037	0.00032	0.00027	0.01968	0.00480	0.00078	0.01650	0.02926	0.00496	0.00767	0.02529	0.00161	0.00249	<5.70E-05	0.00603
T-313		0.03739	0.00029	0.01145	0.00029	0.00054	0.00022	0.00761	0.00224	0.00063	0.00828	0.00493	0.00420	0.00355	0.00173	0.00146	0.00218	0.00015	0.00373
T-314		<4.11E-05	0.00012	<4.15E-05	0.00013	<4.58E-05	0.00012	<4.19E-05	<4.21E-05	<4.43E-05	<4.19E-05	<4.21E-05	<4.52E-05	<4.19E-05	<4.49E-05	<4.43E-05	<4.42E-05	<4.56E-05	<4.51E-05
T-401		0.00033	0.00016	0.00013	0.00015	0.00023	0.00013	0.00017	0.00045	<5.33E-05	0.00015	0.00017	<5.44E-05	0.00022	0.00012	<5.33E-05	<5.32E-05	<5.48E-05	<5.42E-05
T-402		0.00016	0.00054	<7.94E-05	0.00023	0.00167	<8.48E-05	<8.01E-05	0.00067	0.00017	<8.01E-05	<8.06E-05	<8.63E-05	<8.01E-05	0.00042	<8.46E-05	<8.46E-05	0.00042	<8.61E-05
T-403		<1.18E-04	0.00097	0.00026	<1.37E-04	0.00194	0.00028	0.00061	0.00273	0.00036	0.00040	0.03555	<1.30E-04	0.00071	0.04215	0.00183	<1.27E-04	<1.31E-04	<1.30E-04
T-404		0.00113	0.00640	0.00621	0.00092	0.01067	0.00043	0.00206	0.00883	0.01027	0.00064	<4.80E-05	0.00770	0.00076	0.00037	0.00083	0.00131	0.03234	0.00336
T-405		0.00010	<4.50E-05	<4.03E-05	<4.61E-05	0.00029	0.00010	<4.07E-05	<4.09E-05	<4.30E-05	<4.07E-05	<4.09E-05	<4.39E-05	<4.07E-05	0.00014	<4.30E-05	<4.30E-05	<4.42E-05	<4.37E-05
T-406		0.00022	0.00021	<6.41E-05	0.00022	0.00145	<6.85E-05	<6.47E-05	<6.51E-05	0.00016	<6.47E-05	<6.51E-05	<6.98E-05	<6.47E-05	<6.94E-05	0.00455	<6.84E-05	0.00016	<6.96E-05
T-407		<7.58E-05	0.00018	<7.67E-05	0.00027	0.00047	<8.19E-05	<7.74E-05	<7.78E-05	<8.18E-05	<7.74E-05	<7.78E-05	<8.34E-05	<7.74E-05	<8.29E-05	<8.17E-05	0.00032	<8.41E-05	<8.32E-05
T-408		<6.09E-05	<6.88E-05	<6.16E-05	<7.04E-05	<6.80E-05	<6.58E-05	<6.21E-05	<6.25E-05	<6.57E-05	<6.21E-05	<6.25E-05	<6.70E-05	<6.21E-05	<6.66E-05	<6.56E-05	<6.56E-05	<6.76E-05	<6.68E-05
T-409		0.00036	<6.49E-05	<5.81E-05	0.00015	<6.42E-05	0.00016	<5.86E-05	<5.90E-05	0.00021	<5.86E-05	<5.90E-05	<6.32E-05	0.00032	<6.29E-05	<6.20E-05	<6.19E-05	0.00030	<6.31E-05
T-410		0.00012	<4.75E-05	<4.25E-05	0.00010	0.00052	0.00012	0.00013	0.00017	<4.53E-05	<4.29E-05	<4.32E-05	<4.63E-05	0.00019	0.00033	<4.53E-05	<4.53E-05	<4.67E-05	<4.61E-05
T-411		<4.61E-05	0.00016	<4.66E-05	<5.33E-05	<5.14E-05	0.00013	<4.70E-05	<4.73E-05	0.00016	<4.70E-05	<4.73E-05	<5.07E-05	<4.70E-05	<5.04E-05	<4.96E-05	<4.96E-05	<5.11E-05	<5.05E-05
T-412		0.00009	0.00015	<4.36E-05	0.00017	0.00031	0.00011	0.00014	<4.42E-05	0.00012	<4.40E-05	<4.42E-05	<4.74E-05	<4.40E-05	<4.71E-05	<4.65E-05	<4.65E-05	<4.78E-05	<4.73E-05
T-413		0.00013	0.00014	<5.94E-05	0.00016	0.00037	0.00017	0.00029	0.00028	0.00027	0.00012	0.00015	<6.47E-05	0.00033	0.00030	<6.34E-05	<6.33E-05	<6.52E-05	<6.45E-05
T-414		<4.11E-05	<4.64E-05	<4.15E-05	0.00010	<4.58E-05	0.00011	<4.19E-05	<4.21E-05	<4.43E-05	<4.19E-05	<4.21E-05	<4.52E-05	<4.19E-05	<4.49E-05	<4.43E-05	<4.42E-05	<4.56E-05	<4.51E-05
T-501		<8.13E-05	<9.18E-05	<8.22E-05	0.00026	<9.07E-05	0.00019	<8.29E-05	<8.34E-05	<8.76E-05	<8.29E-05	<8.34E-05	<8.94E-05	<8.29E-05	<8.89E-05	<8.76E-05	<8.75E-05	<9.02E-05	<8.91E-05
T-502		<4.78E-05	0.00328	<4.84E-05	0.00039	0.00073	0.00057	<4.88E-05	<4.91E-05	0.00083	0.00019	0.00414	<5.26E-05	<4.88E-05	0.00015	<5.15E-05	0.00048	0.00019	<5.25E-05
T-503		<5.55E-05	0.00044	0.00020	0.00038	0.00029	0.00029	<5.66E-05	<5.69E-05	0.00099	0.00036	<5.69E-05	0.00023	0.00013	0.00058	<5.98E-05	0.00142	0.00055	0.00019
T-504		0.00165	0.06186	0.00517	0.00050	0.01719	<4.60E-05	0.00130	0.02407	0.00766	0.00378	0.01426	0.00584	0.00258	0.00072	<4.59E-05	0.00056	0.00119	0.00207
T-505		<3.86E-05	0.00013	0.00014	0.00012	0.00010	0.00010	0.00012	0.00017	0.00010	<3.94E-05	<3.96E-05	<4.25E-05	0.00009	0.00031	<4.16E-05	0.00013	<4.28E-05	<4.24E-05
T-506		<5.15E-05	0.00013	<5.21E-05	0.00019	0.00017	0.00013	<5.25E-05	<5.28E-05	<5.55E-05	<5.25E-05	<5.28E-05	<5.66E-05	<5.25E-05	<5.63E-05	<5.55E-05	0.00050	<5.71E-05	<5.65E-05
T-507		<4.04E-05	0.00011	<4.09E-05	0.00010	<4.51E-05	<4.36E-05	<4.12E-05	<4.15E-05	<4.36E-05	<4.12E-05	0.00015	<4.45E-05	<4.12E-05	<4.42E-05	<4.36E-05	<4.35E-05	<4.48E-05	<4.43E-05
T-508		<6.50E-05	<7.34E-05	<6.57E-05	<7.51E-05	<7.25E-05	<7.01E-05	<6.63E-05	<6.67E-05	<7.00E-05	<6.63E-05	0.00050	<7.15E-05	<6.63E-05	<7.10E-05	0.00029	0.00020	0.00060	<7.13E-05
T-509		<6.40E-05	<7.22E-05	<6.47E-05	<7.40E-05	<7.14E-05	0.00014	<6.52E-05	<6.56E-05	<6.90E-05	<6.52E-05	0.00024	<7.03E-05	<6.52E-05	<6.99E-05	0.00019	0.00017	0.00069	<7.02E-05
T-510		<4.14E-05	<4.68E-05	<4.19E-05	0.00014	<4.62E-05	0.00014	<4.22E-05	<4.25E-05	<4.46E-05	<4.22E-05	<4.25E-05	<4.55E-05	<4.22E-05	<4.53E-05	<4.46E-05	<4.46E-05	<4.59E-05	<4.54E-05

Table 4.3b TO-14 Compounds (Flux in mg/m2-min for only compounds with at least one detect).

Sample ID	Compound	4-Ethyltoluene	2,3,4-Trimethylpentane	2,3-Dimethylpentane	Cyclohexane	i-Propylbenzene	n-Nonane	Cyclopentane	3-Methylhexane	Methylcyclohexane	Styrene	2,2,4-Trimethylpentane	3-Methylpentane	1-Pentene	2-Methylheptane	1,3,5-Trimethylbenzene	2-Methylhexane	2-Ethyltoluene	n-Pentane
	CAS	622-96-8	565-75-3	565-59-3	110-82-7	98-82-8	111-84-2	287-92-3	589-34-4	108-87-2	100-42-5	540-84-1	96-14-0	109-67-1	592-27-8	108-67-8	591-76-4	611-14-3	109-66-0
	MW	120.2	114.2	100.2	84.2	120.2	128.3	70.1	100.2	98.2	104.2	114.2	86.2	70.1	114.2	120.2	100.2	120.2	72.1
T-101		<2.87E-04	<3.07E-04	<3.08E-04	<3.02E-04	<2.87E-04	<3.07E-04	<3.01E-04	<3.08E-04	<3.02E-04	<2.80E-04	<3.07E-04	0.00182	<3.01E-04	<3.07E-04	<2.87E-04	<3.08E-04	<2.87E-04	<3.10E-04
T-102		<1.44E-04	<1.54E-04	<1.54E-04	<1.51E-04	<1.44E-04	<1.54E-04	<1.51E-04	<1.54E-04	<1.51E-04	<1.40E-04	<1.54E-04	<1.55E-04	<1.51E-04	<1.54E-04	<1.44E-04	<1.54E-04	<1.44E-04	<1.55E-04
T-103		0.02714	0.00188	0.00051	0.00061	0.00411	0.01104	<1.81E-04	0.00082	0.00317	0.00178	0.00419	0.00138	0.00521	0.00297	0.00513	0.00070	0.01283	0.00053
T-104		0.01603	0.00159	0.00104	0.00188	0.00226	0.00495	<1.76E-04	0.00247	0.00706	0.00295	0.00943	0.00156	0.00262	0.00293	0.00730	0.00143	0.00750	0.00432
T-105		0.00039	0.00016	<5.06E-05	<4.96E-05	<4.72E-05	0.00046	<4.96E-05	0.00011	0.00014	<4.61E-05	<5.05E-05	<5.08E-05	<4.96E-05	0.00019	0.00016	<5.06E-05	0.00024	<5.10E-05
T-106		0.00013	<5.28E-05	<5.29E-05	<5.19E-05	<4.94E-05	<5.27E-05	<5.18E-05	<5.29E-05	<5.18E-05	<4.81E-05	<5.28E-05	<5.31E-05	0.00012	<5.28E-05	<4.94E-05	<5.29E-05	0.00010	<5.33E-05
T-107		0.00108	0.00095	<1.01E-04	0.00030	<9.46E-05	0.00112	<9.93E-05	0.00078	0.00041	0.00021	0.00038	<1.02E-04	0.00035	0.00053	0.00033	0.00030	0.00023	0.00045
T-108		0.00031	<5.64E-05	<5.66E-05	<5.54E-05	<5.28E-05	0.00015	<5.54E-05	<5.66E-05	<5.54E-05	<5.15E-05	<5.64E-05	<5.68E-05	<5.54E-05	<5.64E-05	<5.28E-05	<5.66E-05	0.00014	<5.70E-05
T-109		<7.35E-05	<7.86E-05	<7.88E-05	<7.73E-05	<7.35E-05	<7.85E-05	<7.72E-05	<7.88E-05	<7.72E-05	<7.17E-05	<7.86E-05	<7.91E-05	<7.72E-05	<7.86E-05	<7.35E-05	<7.88E-05	<7.35E-05	<7.94E-05
T-110		<9.85E-05	<1.05E-04	<1.06E-04	<1.04E-04	<9.85E-05	<1.05E-04	<1.03E-04	<1.06E-04	<1.04E-04	<9.61E-05	<1.05E-04	<1.06E-04	<1.03E-04	<1.05E-04	<9.85E-05	<1.06E-04	<9.85E-05	<1.06E-04
T-111		<4.09E-04	<4.37E-04	<4.38E-04	<4.30E-04	<4.09E-04	<4.36E-04	<4.29E-04	<4.38E-04	<4.29E-04	<3.99E-04	<4.37E-04	<4.40E-04	<4.29E-04	<4.37E-04	<4.09E-04	<4.38E-04	<4.09E-04	<4.41E-04
T-112		0.00466	0.00250	0.00371	<1.75E-04	<1.66E-04	0.00062	0.00072	<1.78E-04	<1.75E-04	0.00189	<1.78E-04	<1.79E-04	0.00206	<1.78E-04	0.00043	0.00134	<1.66E-04	0.00065
T-113		0.00357	0.00080	0.00073	0.00166	0.00098	<1.05E-04	0.00223	0.00197	0.00060	<9.61E-05	0.00102	0.00143	0.00067	<1.05E-04	0.00048	0.00140	0.00090	0.00079
T-114		<4.45E-05	<4.75E-05	<4.77E-05	<4.67E-05	<4.45E-05	<4.75E-05	<4.67E-05	<4.77E-05	<4.67E-05	<4.34E-05	<4.75E-05	<4.78E-05	<4.67E-05	<4.75E-05	<4.45E-05	<4.77E-05	<4.45E-05	<4.80E-05
T-201		<4.11E-05	<4.40E-05	<4.41E-05	<4.32E-05	<4.11E-05	<4.39E-05	<4.32E-05	<4.41E-05	<4.32E-05	<4.01E-05	0.00017	<4.43E-05	0.00025	<4.40E-05	0.00024	<4.41E-05	<4.11E-05	0.00040
T-202		<4.12E-05	<4.41E-05	<4.42E-05	0.00037	<4.12E-05	<4.40E-05	0.00028	<4.42E-05	<4.33E-05	<4.02E-05	0.00010	<4.43E-05	0.00010	<4.41E-05	<4.12E-05	<4.42E-05	<4.12E-05	0.00011
T-203		<7.86E-05	0.00822	0.01401	0.01244	0.00104	0.00411	0.00225	0.00066	0.01393	0.00044	0.01177	<8.46E-05	0.00217	0.00907	0.00421	<8.43E-05	0.00120	0.00256
T-204		<7.90E-05	0.01164	0.01105	0.02508	0.00112	0.00495	0.00375	0.03639	0.01983	0.00062	0.01760	0.00639	0.01962	0.00766	0.00208	0.02711	0.00079	0.00262
T-205		<7.18E-05	0.00020	0.00043	0.00073	<7.18E-05	<7.67E-05	0.00130	0.00078	0.00036	<7.01E-05	0.00044	0.00020	0.00133	0.00016	<7.18E-05	0.00039	<7.18E-05	0.00056
T-206		0.00016	0.00014	0.00012	0.00020	<4.33E-05	<4.62E-05	0.00020	0.00012	0.00015	<4.22E-05	0.00013	<4.65E-05	0.00031	<4.63E-05	<4.33E-05	<4.64E-05	<4.33E-05	0.00015
T-207		<9.56E-05	<1.02E-04	<1.03E-04	<1.01E-04	<9.56E-05	<1.02E-04	<1.00E-04	0.00041	0.00080	<9.33E-05	0.00034	<1.03E-04	0.00029	<1.02E-04	<9.56E-05	<1.03E-04	<9.56E-05	<1.03E-04
T-208		0.00230	<6.77E-05	<6.79E-05	0.00015	<6.34E-05	<6.76E-05	0.00026	<6.79E-05	<6.66E-05	0.00031	0.00371	0.00034	0.00058	<6.77E-05	0.00024	<6.79E-05	0.00016	0.00026
T-209		<8.69E-05	<9.29E-05	<9.32E-05	<9.13E-05	<8.69E-05	<9.28E-05	<9.13E-05	<9.32E-05	<9.13E-05	<8.48E-05	<9.29E-05	<9.35E-05	<9.13E-05	<9.29E-05	<8.69E-05	<9.32E-05	<8.69E-05	<9.39E-05
T-210		<1.06E-04	<1.13E-04	<1.14E-04	<1.11E-04	<1.06E-04	<1.13E-04	<1.11E-04	<1.14E-04	<1.11E-04	<1.03E-04	<1.13E-04	<1.14E-04	<1.11E-04	<1.13E-04	<1.06E-04	<1.14E-04	<1.06E-04	<1.15E-04
T-211		<1.48E-04	<1.58E-04	<1.59E-04	<1.56E-04	<1.48E-04	<1.58E-04	<1.56E-04	<1.59E-04	<1.56E-04	<1.45E-04	<1.58E-04	<1.59E-04	<1.56E-04	<1.58E-04	<1.48E-04	<1.59E-04	<1.48E-04	<1.60E-04
T-212		<2.32E-04	<2.48E-04	<2.49E-04	<2.44E-04	<2.32E-04	<2.48E-04	<2.44E-04	<2.49E-04	<2.44E-04	<2.26E-04	<2.48E-04	<2.50E-04	<2.44E-04	<2.48E-04	<2.32E-04	<2.49E-04	<2.32E-04	<2.51E-04
T-213		<3.17E-04	<3.39E-04	<3.40E-04	<3.34E-04	<3.17E-04	<3.39E-04	<3.33E-04	<3.40E-04	<3.33E-04	<3.10E-04	<3.39E-04	0.00099	<3.33E-04	<3.39E-04	<3.17E-04	<3.40E-04	<3.17E-04	<3.43E-04
T-214		<4.26E-05	<4.55E-05	<4.56E-05	<4.47E-05	<4.26E-05	<4.54E-05	<4.47E-05	<4.56E-05	<4.47E-05	<4.15E-05	<4.55E-05	<4.58E-05	<4.47E-05	<4.55E-05	<4.26E-05	<4.56E-05	<4.26E-05	0.00038
T-301		<8.17E-05	0.00031	0.00096	0.00074	<8.17E-05	<8.72E-05	<8.58E-05	0.00085	<8.58E-05	<7.97E-05	<8.73E-05	<8.79E-05	0.00024	0.00051	<8.17E-05	<8.76E-05	<8.17E-05	0.00023
T-302		<4.38E-05	<4.69E-05	0.00094	<4.61E-05	0.00014	0.00015	<4.60E-05	0.00083	<4.60E-05	0.00029	<4.69E-05	<4.72E-05	0.00011	0.00013	<4.38E-05	<4.70E-05	<4.38E-05	<4.73E-05
T-303		<4.62E-05	0.00012	0.00043	<4.85E-05	0.00010	0.00014	0.00067	0.00045	<4.85E-05	<4.50E-05	<4.94E-05	<4.97E-05	<4.85E-05	0.00037	<4.62E-05	0.00041	<4.62E-05	<4.99E-05
T-304		0.00065	0.00051	0.00078	<4.58E-05	0.00033	0.00064	<4.57E-05	0.00058	0.00036	0.00022	0.00015	<4.68E-05	<4.57E-05	0.00046	0.00044	0.00126	0.00055	0.00093
T-305		0.00264	0.00137	0.00106	0.00040	0.00426	0.00365	0.00066	0.00039	<4.31E-05	0.00498	0.00011	<4.41E-05	0.00017	0.00149	0.00171	<4.40E-05	0.00160	0.00018
T-306		0.00555	0.00630	0.00225	0.00052	0.00913	0.00820	0.00027	0.00122	0.00064	0.01538	0.00020	<4.35E-05	0.00024	0.00405	0.00444	<4.34E-05	0.00234	<4.37E-05
T-307		0.00519	0.01717	0.00082	0.00149	0.00815	0.00786	0.00031	0.00115	0.00054	0.00262	0.00028	0.00036	0.00028	0.00346	0.00058	<4.33E-05	0.00201	0.00014
T-308		0.00206	0.00433	<4.32E-05	0.00143	0.00388	0.00369	0.00073	0.00090	0.00140	0.00277	<4.31E-05	<4.34E-05	0.00016	0.00296	0.00119	0.00311	0.00084	0.00020
T-309		<3.96E-05	<4.24E-05	<4.25E-05	<4.16E-05	<3.96E-05	<4.23E-05	<4.16E-05	<4.25E-05	<4.16E-05	<3.86E-05	<4.24E-05	<4.26E-05	<4.16E-05	<4.24E-05	<3.96E-05	<4.25E-05	<3.96E-05	<4.28E-05
T-310		0.02935	0.01272	<8.54E-05	0.00705	0.03738	0.02605	0.00346	0.00371	0.00235	0.01669	0.00134	0.03471	0.00065	0.00885	0.01902	0.00813	0.01257	0.00059
T-311		0.00056	<5.36E-05	<5.38E-05	<5.27E-05	0.00032	0.00017	<5.27E-05	0.00034	<5.27E-05	<4.89E-05	<5.36E-05	0.00092	0.00017	<5.36E-05	0.00016	<5.38E-05	<5.02E-05	<5.42E-05
T-312		0.00839	0.00197	0.00208	0.00270	0.00901	0.00660	0.00066	0.00146	0.00084	0.00379	0.00050	<5.67E-05	0.00037	0.00199	0.00878	<5.65E-05	0.00411	0.00041
T-313		0.00385	0.00130	0.00128	0.00053	0.00262	0.00169	0.00021	0.00128	0.00025	0.00075	0.00053	<4.90E-05	0.00027	0.00027	0.00108	<4.88E-05	0.00089	0.00030
T-314		<4.21E-05	<4.51E-05	<4.52E-05	<4.43E-05	<4.21E-05	<4.50E-05	<4.42E-05	<4.52E-05	<4.43E-05	<4.11E-05	<4.51E-05	<4.53E-05	<4.42E-05	<4.51E-05	<4.21E-05	<4.52E-05	<4.21E-05	<4.55E-05
T-401		0.00013	<5.42E-05	<5.44E-05	<5.33E-05	<5.07E-05	<5.41E-05	<5.32E-05	<5.44E-05	<5.33E-05	<4.95E-05	<5.42E-05	0.00069	<5.32E-05	<5.42E-05	<5.07E-05	<5.44E-05	<5.07E-05	<5.48E-05
T-402		<8.06E-05	0.00022	0.00022	0.00052	<8.06E-05	<8.60E-05	<8.46E-05	<8.63E-05	0.00038	<7.86E-05	0.00028	<8.67E-05	<8.46E-05	<8.61E-05	<8.06E-05	<8.63E-05	<8.06E-05	0.00021
T-403		0.00609	<1.30E-04	<1.30E-04	<1.27E-04	<1.21E-04	0.00081	<1.27E-04	<1.30E-04	<1.27E-04	<1.18E-04	0.00043	0.00026	<1.27E-04	<1.30E-04	0.00422	<1.30E-04	0.00392	<1.31E-04
T-404		0.00088	0.00537	0.02931	0.00691	0.00013	0.00050	0.02188	0.00785	0.00651	0.00030	0.00928	0.00339	0.00186	0.00653	0.00029	<5.15E-05	0.00022	0.00865
T-405		<4.09E-05	<4.37E-05	<4.39E-05	<4.30E-05	<4.09E-05	<4.37E-05	<4.30E-05	0.00010	<4.30E-05	<3.99E-05	<4.37E-05	<4.40E-05	<4.30E-05	<4.37E-05	<4.09E-05	<4.39E-05	<4.09E-05	<4.42E-05
T-406		<6.51E-05	<6.96E-05	<6.98E-05	<6.84E-05	<6.51E-05	<6.95E-05	<6.84E-05	0.00016	<6.84E-05	<6.35E-05	<6.96E-05	<7.00E-05	<6.84E-05	<6.96E-05	<6.51E-05	<6.98E-05	<6.51E-05	<7.03E-05
T-407		<7.78E-05	<8.32E-05	<8.34E-05	<8.18E-05	<7.78E-05	<8.31E-05	<8.17E-05	<8.34E-05	<8.17E-05	<7.59E-05	<8.32E-05	<8.37E-05	<8.17E-05	<8.32E-05	<7.78E-05	<8.34E-05	<7.78E-05	<8.40E-05
T-408		<6.25E-05	<6.68E-05	<6.70E-05	<6.57E-05	<6.25E-05	<6.67E-05	<6.56E-05	<6.70E-05	<6.57E-05	<6.10E-05	<6.68E-05	<6.72E-05	<6.56E-05	<6.68E-05	<6.25E-05	<6.70E-05	<6.25E-05	<6.75E-05
T-409		<5.90E-05	<6.31E-05	<6.32E-05	<6.20E-05	<5.90E-05	<6.30E-05	<6.19E-05	<6.32E-05	<6.20E-05	0.00017	<6.31E-05	0.00074	0.00017	<6.31E-05	<5.90E-05	<6.32E-05	<5.90E-05	<6.37E-05
T-410		<4.32E-05	<4.61E-05	<4.63E-05	<4.53E-05	<4.32E-05	0.00012	<4.53E-05	<4.63E-05	<4.53E-05	<4.21E-05	<4.61E-05	0.00050	<4.53E-05	<4.61E-05	<4.32E-05	<4.63E-05	<4.32E-05	<4.66E-05
T-411		<4.73E-05	<5.05E-05	<5.07E-05	<4.97E-05	<4.73E-05	<5.05E-05	<4.96E-05	<5.07E-05	<4.97E-05	<4.61E-05	<5.05E-05	<5.09E-05	0.00028	<5.05E-05	<4.73E-05	<5.07E-05	<4.73E-05	<5.10E-05
T-412		<4.42E-05	<4.73E-05	<4.74E-05	<4.65E-05	<4.42E-05	<4.72E-05	<4.65E-05	<4.74E-05	<4.65E-05	<4.32E-05	<4.73E-05	<4.76E-05	<4.65E-05	<4.73E-05	<4.42E-05	<4.74E-05	0.00017	0.00012
T-413		<6.03E-05	<6.45E-05	<6.47E-05	<6.34E-05	<6.03E-05	<6.44E-05	<6.33E-05	<6.47E-05	<6.34E-05	<5.88E-05	<6.45E-05	0.00029	0.00022	<6.45E-05	<6.03E-05	<6.47E-05	<6.03E-05	<6.51E-05
T-414		<4.21E-05	<4.51E-05	<4.52E-05	<4.43E-05	<4.21E-05	<4.50E-05	<4.42E-05	<4.52E-05	<4.43E-05	<4.11E-05	<4.51E-05	<4.53E-05	<4.42E-05	<4.51E-05	<4.21E-05	<4.52E-05	<4.21E-05	<4.55E-05
T-501		<8.34E-05	<8.91E-05	<8.94E-05	<8.76E-05	<8.34E-05	<8.90E-05	<8.75E-05	<8.94E-05	<8.76E-05	<8.13E-05	<8.91E-05	<8.97E-05	<8.75E-05	<8.91E-05	<8.34E-05	<8.94E-05	<8.34E-05	<9.00E-05
T-502		<4.91E-05	<5.25E-05	<5.26E-05	0.00015	<4.91E-05	<5.24E-05	<5.15E-05	<5.26E-05	0.00019	0.00013	0.00050	0.00014	0.00044	<5.25E-05	<4.91E-05	<5.26E-05	<4.91E-05	0.00026
T-503		<5.69E-05	0.00042	<6.10E-05	0.00033	<5.69E-05	<6.08E-05	0.00025	0.00018	0.00045	0.00017	0.00019	0.00035	0.00087	<6.08E-05	<5.69E-05	0.00019	<5.69E-05	0.00038
T-504		<4.37E-05	0.00162	0.00117	0.00379	0.00089	0.00256	0.00106	0.00322	0.00776	0.00060	0.00970	<4.70E-05	0.00219	0.00251	0.00245	0.00172	0.00149	0.00066
T-505		0.00009	<4.24E-05	<4.25E-05	<4.16E-05	<3.96E-05	0.00009	0.00017	<4.25E-05	<4.16E-05	<3.86E-05	<4.24E-05	0.00030	<4.16E-05	<4.24E-05	0.00011	<4.25E-05	<3.96E-05	0.00009
T-506		<5.28E-05	<5.65E-05	<5.66E-05	<5.55E-05	<5.28E-05	<5.64E-05	<5.55E-05	<5.66E-05	<5.55E-05	<5.15E-05	<5.65E-05	0.00046	<5.55E-05	<5.65E-05	<5.28E-05	<5.66E-05	<5.28E-05	0.00017
T-507		<4.15E-05	<4.43E-05	<4.45E-05	<4.36E-05	<4.15E-05	<4.43E-05	<4.35E-05	<4.45E-05	<4.36E-05	<4.05E-05	<4.43E-05	<4.46E-05	<4.35E-05	<4.43E-05	<4.15E-05	<4.45E-05	<4.15E-05	<4.48E-05
T-508		<6.67E-05	<7.13E-05	<7.15E-05	<7.00E-05	<6.67E-05	<7.12E-05	<7.00E-05	<7.15E-05	<7.00E-05	<6.50E-05	<7.13E-05	<7.17E-05	<7.00E-05	<7.13E-05	<6.67E-05	<7.15E-05	<6.67E-05	<7.20E-05
T-509		<6.56E-05	<7.02E-05	<7.03E-05	<6.90E-05	<6.56E-05	<7.01E-05	<6.89E-05	<7.03E-05	<6.89E-05	<6.40E-05	<7.02E-05	0.00023	<6.89E-05	<7.02E-05	<6.56E-05	<7.03E-05	<6.56E-05	<7.09E-05
T-510		<4.25E-05	<4.54E-05	<4.55E-05	<4.46E-05	<4.25E-05	<4.54E-05	<4.46E-05	<4.55E-05	<4.46E-05	<4.14E-05	<4.54E-05	<4.57E-05	<4.46E-05	<4.54E-05	<4.25E-05	<4.55E-05	<4.25E-05	<4.59E-05

Table 4.3c TO-14 Compounds (Flux in ug/m2-min for only compounds with at least one detect).

Sample ID	Compound	3-Ethyltoluene	n-Hexane	Methylcyclopentane	3-Methylheptane	c-2-Pentene	1-Butene	2-Methylpentane	2,4-Dimethylpentane	1,4-Diethylbenzene	2,3-Dimethylbutane	1,2,3-Trimethylbenzene	2,2-Dimethylbutane	c-2-Butene	Undecane	i-Butane	Dodecane
	CAS	620-14-4	110-54-3	96-37-7	589-81-1	627-20-3	106-98-9	107-83-5	108-08-7	105-05-5	79-29-8	526-73-8	75-83-2	590-18-1	1120-21-4	75-28-5	112-40-3
	MW	120.2	86.2	84.2	114.2	70.1	56.1	86.2	100.2	134.2	86.2	120.2	86.2	56.1	156.3	58.1	170.3
T-101		<2.87E-04	0.00309	<3.02E-04	<3.07E-04	<3.01E-04	<3.02E-04	0.00064	0.00088	<2.89E-04	<3.09E-04	<2.87E-04	<3.09E-04	<3.02E-04	<3.06E-04	<3.12E-04	<3.05E-04
T-102		0.00034	0.00032	<1.51E-04	<1.54E-04	<1.51E-04	<1.51E-04	<1.55E-04	<1.54E-04	<1.45E-04	<1.55E-04	<1.44E-04	<1.55E-04	<1.51E-04	<1.53E-04	<1.57E-04	<1.53E-04
T-103		0.00457	0.00102	<1.82E-04	0.00131	<1.81E-04	<1.82E-04	0.00064	0.00051	0.00184	<1.86E-04	0.00531	<1.86E-04	<1.82E-04	<1.84E-04	<1.88E-04	<1.84E-04
T-104		0.00294	0.00212	<1.76E-04	0.00171	0.00114	<1.76E-04	0.00219	0.00211	<1.69E-04	<1.80E-04	0.00353	0.00057	0.00088	<1.78E-04	<1.82E-04	<1.78E-04
T-105		<4.72E-05	0.00010	<4.96E-05	<5.05E-05	<4.96E-05	0.00013	<5.08E-05	<5.06E-05	0.00019	<5.08E-05	<4.72E-05	<5.08E-05	<4.96E-05	<5.02E-05	<5.14E-05	<5.02E-05
T-106		<4.94E-05	<5.31E-05	<5.19E-05	<5.28E-05	<5.18E-05	<5.18E-05	<5.31E-05	<5.29E-05	<4.96E-05	<5.31E-05	0.00014	<5.31E-05	<5.18E-05	<5.25E-05	<5.37E-05	<5.24E-05
T-107		<9.46E-05	0.00031	0.00023	0.00028	0.00028	<9.93E-05	<1.02E-04	0.00022	<9.50E-05	<1.02E-04	<9.46E-05	<1.02E-04	<9.93E-05	<1.01E-04	<1.03E-04	<1.00E-04
T-108		<5.28E-05	<5.68E-05	<5.54E-05	<5.64E-05	<5.54E-05	<5.54E-05	<5.68E-05	<5.66E-05	<5.30E-05	<5.68E-05	0.00025	<5.68E-05	<5.54E-05	<5.61E-05	<5.74E-05	<5.61E-05
T-109		<7.35E-05	<7.91E-05	<7.73E-05	<7.86E-05	<7.72E-05	<7.72E-05	<7.91E-05	<7.88E-05	<7.39E-05	<7.91E-05	<7.35E-05	<7.91E-05	<7.72E-05	<7.82E-05	<8.00E-05	<7.81E-05
T-110		<9.85E-05	<1.06E-04	<1.04E-04	<1.05E-04	<1.03E-04	<1.03E-04	<1.06E-04	<1.06E-04	<9.90E-05	<1.06E-04	<9.85E-05	<1.06E-04	<1.03E-04	<1.05E-04	<1.07E-04	<1.05E-04
T-111		<4.09E-04	<4.40E-04	<4.30E-04	<4.37E-04	<4.29E-04	<4.29E-04	<4.40E-04	<4.38E-04	<4.11E-04	<4.40E-04	<4.09E-04	<4.40E-04	<4.29E-04	<4.35E-04	<4.45E-04	<4.34E-04
T-112		<1.66E-04	<1.79E-04	<1.75E-04	<1.78E-04	<1.75E-04	0.00072	<1.79E-04	<1.78E-04	<1.67E-04	<1.79E-04	<1.66E-04	0.00037	<1.75E-04	<1.77E-04	<1.81E-04	<1.77E-04
T-113		0.00021	0.00040	0.00038	<1.05E-04	<1.03E-04	<1.03E-04	0.00030	<1.06E-04	0.00107	<1.06E-04	<9.86E-05	<1.06E-04	<1.03E-04	<1.05E-04	<1.07E-04	<1.05E-04
T-114		<4.45E-05	0.00017	<4.67E-05	<4.75E-05	<4.67E-05	<4.67E-05	<4.78E-05	<4.77E-05	<4.47E-05	<4.78E-05	<4.45E-05	<4.78E-05	<4.67E-05	<4.73E-05	0.00014	<4.73E-05
T-201		<4.11E-05	0.00011	<4.32E-05	<4.40E-05	<4.32E-05	0.00017	0.00012	<4.41E-05	<4.13E-05	<4.43E-05	<4.11E-05	<4.43E-05	<4.32E-05	0.00019	<4.48E-05	<4.37E-05
T-202		<4.12E-05	<4.43E-05	<4.33E-05	<4.41E-05	<4.33E-05	0.00011	<4.43E-05	<4.42E-05	<4.14E-05	<4.43E-05	<4.12E-05	<4.43E-05	<4.33E-05	<4.39E-05	<4.48E-05	<4.38E-05
T-203		0.00057	0.00034	0.00079	0.00536	0.00348	0.00321	<8.46E-05	0.00140	<7.90E-05	<8.46E-05	<7.86E-05	<8.46E-05	<8.26E-05	0.00020	<8.55E-05	<8.35E-05
T-204		0.00064	0.01243	0.00069	0.00815	0.00651	0.00684	<8.50E-05	0.00897	0.00027	0.01105	<7.90E-05	0.00169	<8.30E-05	<8.41E-05	<8.60E-05	<8.40E-05
T-205		<7.18E-05	0.00030	<7.55E-05	<7.68E-05	<7.54E-05	<7.54E-05	0.00050	0.00027	<7.22E-05	<7.73E-05	<7.18E-05	0.00019	<7.54E-05	<7.64E-05	<7.81E-05	<7.63E-05
T-206		<4.33E-05	0.00009	<4.55E-05	<4.63E-05	<4.54E-05	0.00021	<4.65E-05	<4.64E-05	<4.35E-05	<4.65E-05	<4.33E-05	<4.65E-05	<4.54E-05	<4.60E-05	<4.71E-05	<4.60E-05
T-207		<9.56E-05	<1.03E-04	<1.01E-04	<1.02E-04	<1.00E-04	<1.00E-04	<1.03E-04	<1.03E-04	<9.61E-05	<1.03E-04	<9.56E-05	<1.03E-04	<1.00E-04	<1.02E-04	<1.04E-04	<1.02E-04
T-208		0.00015	<6.82E-05	<6.66E-05	<6.77E-05	<6.65E-05	0.00144	<6.82E-05	<6.79E-05	0.00026	<6.82E-05	<6.34E-05	<6.82E-05	<6.65E-05	0.00054	<6.89E-05	<6.73E-05
T-209		<8.69E-05	<9.35E-05	<9.13E-05	<9.29E-05	<9.13E-05	<9.13E-05	<9.35E-05	<9.32E-05	<8.74E-05	<9.35E-05	<8.69E-05	<9.35E-05	<9.13E-05	<9.25E-05	<9.45E-05	<9.24E-05
T-210		<1.06E-04	<1.14E-04	<1.11E-04	<1.13E-04	<1.11E-04	<1.11E-04	<1.14E-04	<1.14E-04	<1.07E-04	<1.14E-04	<1.06E-04	<1.14E-04	<1.11E-04	<1.13E-04	<1.15E-04	<1.13E-04
T-211		<1.48E-04	<1.59E-04	<1.56E-04	<1.58E-04	<1.56E-04	<1.56E-04	<1.59E-04	<1.59E-04	<1.49E-04	<1.59E-04	<1.48E-04	<1.59E-04	<1.56E-04	<1.58E-04	<1.61E-04	<1.58E-04
T-212		<2.32E-04	<2.50E-04	<2.44E-04	<2.48E-04	<2.44E-04	<2.44E-04	<2.50E-04	<2.49E-04	<2.33E-04	<2.50E-04	<2.32E-04	<2.50E-04	<2.44E-04	<2.47E-04	<2.52E-04	<2.47E-04
T-213		<3.17E-04	0.00112	<3.34E-04	<3.39E-04	<3.33E-04	<3.33E-04	<3.41E-04	<3.40E-04	<3.19E-04	<3.41E-04	<3.17E-04	<3.41E-04	<3.33E-04	<3.38E-04	<3.45E-04	<3.37E-04
T-214		<4.26E-05	0.00016	<4.47E-05	<4.55E-05	<4.47E-05	0.00011	<4.58E-05	<4.56E-05	<4.28E-05	<4.58E-05	<4.26E-05	<4.58E-05	<4.47E-05	<4.53E-05	<4.63E-05	<4.52E-05
T-301		<8.17E-05	0.00076	0.00175	<8.73E-05	0.00028	<8.58E-05	<8.79E-05	<8.76E-05	<8.21E-05	0.00121	<8.17E-05	<8.79E-05	0.00024	0.00022	<8.89E-05	<8.68E-05
T-302		<4.38E-05	0.00023	0.00142	0.00010	<4.60E-05	0.00011	<4.72E-05	<4.70E-05	<4.40E-05	0.00037	<4.38E-05	<4.72E-05	0.00013	<4.66E-05	<4.77E-05	<4.66E-05
T-303		<4.62E-05	0.00049	0.00066	<4.94E-05	<4.85E-05	0.00024	<4.97E-05	<4.95E-05	<4.64E-05	<4.97E-05	<4.62E-05	<4.97E-05	<4.85E-05	<4.91E-05	<5.02E-05	<4.91E-05
T-304		<4.35E-05	0.00079	0.00058	0.00020	<4.57E-05	<4.57E-05	0.00013	<4.67E-05	<4.38E-05	<4.68E-05	0.00106	<4.68E-05	0.00032	<4.63E-05	0.00023	<4.63E-05
T-305		0.00139	0.00026	0.00164	0.00053	0.00028	<4.31E-05	0.00020	0.00010	0.00079	0.00016	0.00135	0.00012	0.00010	<4.36E-05	<4.46E-05	<4.36E-05
T-306		0.00304	0.00066	<4.25E-05	0.00135	0.00048	0.00019	0.00046	0.00010	0.00127	0.00034	<4.05E-05	<4.35E-05	0.00016	<4.31E-05	<4.40E-05	<4.30E-05
T-307		0.00576	0.00069	0.00022	0.00117	0.00305	<4.24E-05	0.00037	<4.33E-05	0.00107	0.00023	0.00284	<4.35E-05	0.00015	<4.30E-05	<4.39E-05	<4.29E-05
T-308		0.00123	0.00057	0.00362	<4.31E-05	0.00033	<4.24E-05	0.00020	0.00019	0.00032	<4.34E-05	<4.03E-05	0.00024	0.00033	<4.29E-05	0.00023	<4.29E-05
T-309		<3.96E-05	<4.26E-05	<4.16E-05	<4.24E-05	<4.16E-05	<4.16E-05	<4.26E-05	<4.25E-05	<3.98E-05	<4.26E-05	<3.96E-05	<4.26E-05	<4.16E-05	<4.22E-05	<4.31E-05	<4.21E-05
T-310		0.01598	0.00213	0.01006	0.00336	0.00086	<8.36E-05	0.00056	0.00060	0.00269	<8.57E-05	<7.97E-05	<8.57E-05	<8.36E-05	<8.47E-05	0.00054	<8.46E-05
T-311		0.00013	0.00017	0.00023	<5.36E-05	<5.27E-05	<5.27E-05	<5.40E-05	<5.38E-05	<5.04E-05	<5.40E-05	0.00017	<5.40E-05	<5.27E-05	<5.34E-05	<5.46E-05	<5.33E-05
T-312		0.00366	0.00093	0.00136	0.00126	0.00052	<5.54E-05	0.00054	0.00020	0.00488	<5.67E-05	<5.27E-05	<5.67E-05	0.00013	0.00155	<5.73E-05	<5.60E-05
T-313		0.00064	0.00048	0.00095	0.00058	0.00039	<4.78E-05	0.00030	0.00015	0.00048	<4.90E-05	<4.55E-05	<4.90E-05	<4.78E-05	<4.85E-05	<4.95E-05	<4.84E-05
T-314		<4.21E-05	<4.53E-05	<4.43E-05	<4.51E-05	<4.42E-05	0.00011	<4.53E-05	<4.52E-05	<4.24E-05	<4.53E-05	0.00015	<4.53E-05	<4.43E-05	<4.48E-05	<4.58E-05	<4.48E-05
T-401		<5.07E-05	<5.46E-05	<5.33E-05	<5.42E-05	<5.32E-05	<5.33E-05	0.00323	<5.44E-05	<5.10E-05	<5.46E-05	<5.07E-05	<5.46E-05	<5.33E-05	<5.40E-05	<5.52E-05	<5.39E-05
T-402		<8.06E-05	<8.67E-05	<8.47E-05	<8.61E-05	<8.46E-05	<8.46E-05	<8.67E-05	<8.63E-05	<8.10E-05	0.00022	<8.06E-05	<8.67E-05	<8.46E-05	<8.57E-05	<8.76E-05	<8.56E-05
T-403		0.00043	<1.30E-04	<1.27E-04	<1.30E-04	<1.27E-04	0.00027	<1.30E-04	<1.30E-04	<1.22E-04	<1.30E-04	<1.21E-04	<1.30E-04	<1.27E-04	0.00150	<1.32E-04	<1.29E-04
T-404		0.00014	0.00320	<5.04E-05	0.00600	0.00034	<5.04E-05	0.00401	0.00234	0.00188	<5.16E-05	0.00147	0.00142	0.00019	<5.11E-05	<5.22E-05	0.00033
T-405		<4.09E-05	<4.40E-05	<4.30E-05	<4.37E-05	<4.30E-05	<4.30E-05	<4.40E-05	<4.39E-05	<4.11E-05	<4.40E-05	<4.09E-05	<4.40E-05	<4.30E-05	<4.35E-05	<4.45E-05	<4.35E-05
T-406		0.00021	<7.00E-05	<6.84E-05	<6.96E-05	<6.84E-05	0.00028	<7.00E-05	<6.98E-05	<6.54E-05	<7.00E-05	<6.51E-05	<7.00E-05	<6.84E-05	<6.93E-05	<7.08E-05	<6.92E-05
T-407		<7.78E-05	<8.37E-05	<8.18E-05	<8.32E-05	<8.17E-05	<8.17E-05	<8.37E-05	<8.34E-05	<7.82E-05	<8.37E-05	<7.78E-05	<8.37E-05	<8.17E-05	<8.28E-05	<8.46E-05	<8.27E-05
T-408		<6.25E-05	<6.72E-05	<6.57E-05	<6.68E-05	<6.56E-05	<6.56E-05	<6.72E-05	<6.70E-05	<6.28E-05	<6.72E-05	<6.25E-05	<6.72E-05	<6.56E-05	<6.65E-05	<6.80E-05	<6.64E-05
T-409		0.00033	<6.35E-05	<6.20E-05	<6.31E-05	<6.19E-05	0.00049	<6.35E-05	<6.32E-05	<5.93E-05	<6.35E-05	<5.90E-05	<6.35E-05	<6.20E-05	<6.28E-05	<6.42E-05	<6.27E-05
T-410		<4.32E-05	<4.64E-05	0.00009	<4.61E-05	<4.53E-05	<4.53E-05	<4.64E-05	<4.63E-05	<4.34E-05	<4.64E-05	<4.32E-05	<4.64E-05	<4.53E-05	<4.59E-05	<4.69E-05	<4.59E-05
T-411		<4.73E-05	<5.09E-05	<4.97E-05	<5.05E-05	<4.96E-05	<4.96E-05	<5.09E-05	<5.07E-05	<4.75E-05	<5.09E-05	<4.73E-05	<5.09E-05	<4.96E-05	<5.03E-05	<5.14E-05	<5.02E-05
T-412		<4.42E-05	<4.76E-05	<4.65E-05	<4.73E-05	<4.65E-05	<4.65E-05	<4.76E-05	<4.74E-05	<4.45E-05	<4.76E-05	<4.42E-05	<4.76E-05	<4.65E-05	0.00020	<4.81E-05	<4.70E-05
T-413		<6.03E-05	<6.49E-05	<6.34E-05	<6.45E-05	<6.33E-05	<6.34E-05	<6.49E-05	<6.47E-05	<6.06E-05	<6.49E-05	<6.03E-05	<6.49E-05	<6.34E-05	<6.42E-05	<6.56E-05	<6.41E-05
T-414		<4.21E-05	<4.53E-05	<4.43E-05	<4.51E-05	<4.42E-05	<4.43E-05	<4.53E-05	<4.52E-05	<4.24E-05	<4.53E-05	<4.21E-05	<4.53E-05	<4.43E-05	<4.48E-05	<4.58E-05	<4.48E-05
T-501		<8.34E-05	<8.97E-05	<8.76E-05	<8.91E-05	<8.75E-05	<8.76E-05	<8.97E-05	<8.94E-05	<8.38E-05	<8.97E-05	<8.34E-05	<8.97E-05	0.00019	<8.87E-05	<9.07E-05	<8.86E-05
T-502		0.00011	<5.28E-05	<5.16E-05	<5.25E-05	0.00014	0.00026	0.00014	<5.26E-05	0.00020	<5.28E-05	<4.91E-05	<5.28E-05	<5.15E-05	<5.22E-05	<5.34E-05	<5.22E-05
T-503		0.00033	0.00030	<5.98E-05	0.00013	0.00023	<5.98E-05	0.00030	0.00019	<5.72E-05	0.00025	<5.69E-05	0.00024	0.00017	<6.06E-05	<6.19E-05	<6.05E-05
T-504		0.00058	0.00057	0.00018	0.00139	<4.59E-05	0.00028	0.00036	0.00152	0.00064	<4.70E-05	0.00030	0.00010	<4.59E-05	<4.65E-05	<4.75E-05	<4.64E-05
T-505		<3.96E-05	<4.26E-05	<4.16E-05	<4.24E-05	<4.16E-05	<4.16E-05	<4.26E-05	<4.25E-05	<3.98E-05	<4.26E-05	<3.96E-05	0.00009	<4.16E-05	<4.22E-05	<4.31E-05	<4.21E-05
T-506		<5.28E-05	<5.68E-05	<5.55E-05	<5.65E-05	<5.55E-05	<5.55E-05	<5.68E-05	<5.66E-05	<5.31E-05	<5.68E-05	<5.28E-05	0.00013	<5.55E-05	<5.62E-05	<5.75E-05	<5.62E-05
T-507		<4.15E-05	<4.46E-05	<4.36E-05	<4.43E-05	<4.35E-05	<4.36E-05	<4.46E-05	<4.45E-05	<4.17E-05	<4.46E-05	<4.15E-05	<4.46E-05	<4.36E-05	<4.41E-05	<4.51E-05	<4.41E-05
T-508		<6.67E-05	<7.17E-05	<7.00E-05	<7.13E-05	<7.00E-05	<7.00E-05	<7.17E-05	<7.15E-05	<6.70E-05	<7.17E-05	<6.67E-05	<7.17E-05	<7.00E-05	<7.09E-05	<7.25E-05	<7.08E-05
T-509		<6.56E-05	0.00040	<6.90E-05	<7.02E-05	<6.89E-05	<6.89E-05	<7.06E-05	<7.03E-05	<6.60E-05	<7.06E-05	<6.56E-05	<7.06E-05	<6.89E-05	<6.98E-05	<7.14E-05	<6.97E-05
T-510		<4.25E-05	<4.57E-05	<4.46E-05	<4.54E-05	<4.46E-05	0.00015	<4.57E-05	<4.55E-05	<4.27E-05	<4.57E-05	<4.25E-05	<4.57E-05	<4.46E-05	<4.52E-05	<4.62E-05	<4.51E-05

Tabla 4.4 Flujo Compuestos de ORS (mg/m²-min.).

ID de la Muestra:	Azufre Total Reducido	Ácido Sulfhídrico	Sulfuro de Dimetilo	Total de Azufre No Identificado	Isopropil Mercaptano	sec-Butil Mercaptano / Tiofeno	Disulfuro de Dimetilo	Iso-Butil Mercaptano	3-Metiltiofeno	2-Metiltiofeno	Metilmercaptano	Tetrahidrotiofeno	Terbutilmercaptano	Bromotiofeno	n-propil mercaptano	COS / SO2	n-Butil Mercaptano	Etilmercaptano	Disulfuro de Carbono	Sulfuro de metiletilo	Disulfuro de Dietilo	Tiofeno	Disulfuro de Dietilo
CAS	7783-06-4	7783-06-4	75-18-3	7783-06-4	75-33-2	513-53-1	624-92-0	513-44-0	616-44-4	554-14-3	74-93-1	110-01-0	75-66-1	1003-09-4	107-03-9	463-58-1	109-79-5	75-08-1	75-15-0	624-89-5	352-93-2	108-98-5	110-81-6
MW	34.08	34.08	62.134	34.08	76.16	90.186	94.19	90.186	98.17	98.16	48.11	88.17	90.186	163.04	76.16	60.08	90.186	62.134	76.14	76.16	90.19	110.18	122.252
S-101a	<6.18E-04	<6.18E-04	<1.13E-03	<6.18E-04	<1.38E-03	<1.63E-03	<1.71E-03	<1.63E-03	<1.78E-03	<1.78E-03	<8.72E-04	<1.60E-03	<1.63E-03	<2.96E-03	<1.38E-03	<1.09E-03	<1.63E-03	<1.13E-03	<1.38E-03	<1.38E-03	<1.63E-03	<2.00E-03	<2.22E-03
S-102a	<3.61E-04	<3.61E-04	<6.58E-04	<3.61E-04	<8.07E-04	<9.55E-04	<9.98E-04	<9.55E-04	<1.04E-03	<1.04E-03	<5.10E-04	<9.34E-04	<9.55E-04	<1.73E-03	<8.07E-04	<6.36E-04	<9.55E-04	<6.58E-04	<8.07E-04	<8.07E-04	<9.55E-04	<1.17E-03	<1.30E-03
S-103a	0.00866	0.00077	0.00818	0.00247	<8.64E-04	<1.02E-03	0.00214	<1.02E-03	<1.11E-03	<1.11E-03	<5.46E-04	<1.00E-03	<1.02E-03	<1.85E-03	<8.64E-04	<6.82E-04	<1.02E-03	<7.05E-04	<8.64E-04	<8.64E-04	<1.02E-03	<1.25E-03	<1.39E-03
S-104a	<5.35E-04	<5.35E-04	<9.76E-04	<5.35E-04	<1.20E-03	<1.42E-03	<1.48E-03	<1.42E-03	<1.54E-03	<1.54E-03	<7.55E-04	<1.38E-03	<1.42E-03	<2.56E-03	<1.20E-03	<9.43E-04	<1.42E-03	<9.76E-04	<1.20E-03	<1.20E-03	<1.42E-03	<1.73E-03	<1.92E-03
S-105a	<1.51E-04	<1.51E-04	<2.75E-04	<1.51E-04	<3.37E-04	<3.99E-04	<4.16E-04	<3.99E-04	<4.34E-04	<4.34E-04	<2.13E-04	<3.90E-04	<3.99E-04	<7.21E-04	<3.37E-04	<2.66E-04	<3.99E-04	<2.75E-04	<3.37E-04	<3.37E-04	<3.99E-04	<4.87E-04	<5.40E-04
S-106a	<1.57E-04	<1.57E-04	<2.87E-04	<1.57E-04	<3.52E-04	<4.17E-04	<4.35E-04	<4.17E-04	<4.53E-04	<4.53E-04	<2.22E-04	<4.07E-04	<4.17E-04	<7.53E-04	<3.52E-04	<2.78E-04	<4.17E-04	<2.87E-04	<3.52E-04	<3.52E-04	<4.17E-04	<5.09E-04	<5.65E-04
S-107a	0.00145	<3.02E-04	0.00264	<3.02E-04	<6.74E-04	<7.98E-04	<8.34E-04	<7.98E-04	<8.69E-04	<8.69E-04	<4.26E-04	<7.80E-04	<7.98E-04	<1.44E-03	<6.74E-04	<5.32E-04	<7.98E-04	<5.50E-04	<6.74E-04	<6.74E-04	<7.98E-04	<9.75E-04	<1.08E-03
S-108a	<1.68E-04	<1.68E-04	<3.07E-04	<1.68E-04	<3.76E-04	<4.45E-04	<4.65E-04	<4.45E-04	<4.85E-04	<4.85E-04	<2.38E-04	<4.35E-04	<4.45E-04	<8.05E-04	<3.76E-04	<2.97E-04	<4.45E-04	<3.07E-04	<3.76E-04	<3.76E-04	<4.45E-04	<5.44E-04	<6.04E-04
S-109a	<2.35E-04	<2.35E-04	<4.28E-04	<2.35E-04	<5.24E-04	<6.21E-04	<6.48E-04	<6.21E-04	<6.76E-04	<6.76E-04	<3.31E-04	<6.07E-04	<6.21E-04	<1.12E-03	<5.24E-04	<4.13E-04	<6.21E-04	<4.28E-04	<5.24E-04	<5.24E-04	<6.21E-04	<7.58E-04	<8.41E-04
S-110a	<3.14E-04	<3.14E-04	<5.73E-04	<3.14E-04	<7.02E-04	<8.32E-04	<8.69E-04	<8.32E-04	<9.05E-04	<9.05E-04	<4.44E-04	<8.13E-04	<8.32E-04	<1.50E-03	<7.02E-04	<5.54E-04	<8.32E-04	<5.73E-04	<7.02E-04	<7.02E-04	<8.32E-04	<1.02E-03	<1.13E-03
S-111a	<1.30E-03	<1.30E-03	<2.38E-03	<1.30E-03	<2.91E-03	<3.45E-03	<3.60E-03	<3.45E-03	<3.76E-03	<3.76E-03	<1.84E-03	<3.37E-03	<3.45E-03	<6.24E-03	<2.91E-03	<2.30E-03	<3.45E-03	<2.38E-03	<2.91E-03	<2.91E-03	<3.45E-03	<4.22E-03	<4.68E-03
S-112a	<5.31E-04	<5.31E-04	<9.67E-04	<5.31E-04	<1.19E-03	<1.40E-03	<1.47E-03	<1.40E-03	<1.53E-03	<1.53E-03	<7.49E-04	<1.37E-03	<1.40E-03	<2.54E-03	<1.19E-03	<9.35E-04	<1.40E-03	<9.67E-04	<1.19E-03	<1.19E-03	<1.40E-03	<1.72E-03	<1.90E-03
S-113a	<3.14E-04	<3.14E-04	<5.73E-04	<3.14E-04	<7.02E-04	<8.32E-04	<8.69E-04	<8.32E-04	<9.06E-04	<9.05E-04	<4.44E-04	<8.13E-04	<8.32E-04	<1.50E-03	<7.02E-04	<5.54E-04	<8.32E-04	<5.73E-04	<7.02E-04	<7.02E-04	<8.32E-04	<1.02E-03	<1.13E-03
S-114a	<1.42E-04	<1.42E-04	<2.59E-04	<1.42E-04	<3.17E-04	<3.75E-04	<3.92E-04	<3.75E-04	<4.09E-04	<4.09E-04	<2.00E-04	<3.67E-04	<3.75E-04	<6.79E-04	<3.17E-04	<2.50E-04	<3.75E-04	<2.59E-04	<3.17E-04	<3.17E-04	<3.75E-04	<4.59E-04	<5.09E-04
S-201a	<1.31E-04	<1.31E-04	<2.39E-04	<1.31E-04	<2.93E-04	<3.47E-04	<3.63E-04	<3.47E-04	<3.78E-04	<3.78E-04	<1.85E-04	<3.40E-04	<3.47E-04	<6.28E-04	<2.93E-04	<2.31E-04	<3.47E-04	<2.39E-04	<2.93E-04	<2.93E-04	<3.47E-04	<4.24E-04	<4.71E-04
S-202a	<1.31E-04	<1.31E-04	<2.40E-04	<1.31E-04	<2.94E-04	<3.48E-04	<3.63E-04	<3.48E-04	<3.79E-04	<3.79E-04	<1.86E-04	<3.40E-04	<3.48E-04	<6.29E-04	<2.94E-04	<2.32E-04	<3.48E-04	<2.40E-04	<2.94E-04	<2.94E-04	<3.48E-04	<4.25E-04	<4.72E-04
S-203a	0.06831	0.00140	0.00238	0.02969	0.05918	0.01141	<6.93E-04	0.01088	<7.22E-04	<7.22E-04	0.00156	<6.49E-04	<6.64E-04	<1.20E-03	<5.60E-04	<4.42E-04	<6.64E-04	<4.57E-04	<5.60E-04	<5.60E-04	<6.64E-04	<8.11E-04	<9.00E-04
S-204a	0.24506	0.19363	0.00202	0.00403	0.04575	0.04590	<6.97E-04	0.00774	<7.26E-04	<7.26E-04	0.00270	<6.52E-04	0.00480	<1.21E-03	0.00248	0.00160	<6.67E-04	0.00147	0.00113	<5.63E-04	<6.67E-04	<8.15E-04	<9.04E-04
S-205a	<2.29E-04	<2.29E-04	<4.18E-04	<2.29E-04	<5.12E-04	<6.06E-04	<6.33E-04	<6.06E-04	<6.60E-04	<6.60E-04	<3.24E-04	<5.93E-04	<6.06E-04	<1.10E-03	<5.12E-04	<4.04E-04	<6.06E-04	<4.18E-04	<5.12E-04	<5.12E-04	<6.06E-04	<7.41E-04	<8.22E-04
S-211a	<1.38E-04	<1.38E-04	<2.52E-04	<1.38E-04	<3.08E-04	<3.65E-04	<3.81E-04	<3.65E-04	<3.98E-04	<3.98E-04	<1.95E-04	<3.57E-04	<3.65E-04	<6.60E-04	<3.08E-04	<2.43E-04	<3.65E-04	<2.52E-04	<3.08E-04	<3.08E-04	<3.65E-04	<4.46E-04	<4.95E-04
S-212a	<3.05E-04	<3.05E-04	<5.56E-04	<3.05E-04	<6.82E-04	<8.07E-04	<8.43E-04	<8.07E-04	<8.79E-04	<8.79E-04	<4.31E-04	<7.89E-04	<8.07E-04	<1.46E-03	<6.82E-04	<5.38E-04	<8.07E-04	<5.56E-04	<6.82E-04	<6.82E-04	<8.07E-04	<9.86E-04	<1.09E-03
S-213a	<2.02E-04	<2.02E-04	<3.69E-04	<2.02E-04	<4.52E-04	<5.35E-04	<5.59E-04	<5.35E-04	<5.82E-04	<5.82E-04	<2.85E-04	<5.23E-04	<5.35E-04	<9.67E-04	<4.52E-04	<3.56E-04	<5.35E-04	<3.69E-04	<4.52E-04	<4.52E-04	<5.35E-04	<6.54E-04	<7.25E-04
S-214a	<2.77E-04	<2.77E-04	<5.06E-04	<2.77E-04	<6.20E-04	<7.34E-04	<7.66E-04	<7.34E-04	<7.99E-04	<7.99E-04	<3.91E-04	<7.17E-04	<7.34E-04	<1.33E-03	<6.20E-04	<4.89E-04	<7.34E-04	<5.06E-04	<6.19E-04	<6.20E-04	<7.34E-04	<8.96E-04	<9.95E-04
S-206a	<3.38E-04	<3.38E-04	<6.17E-04	<3.38E-04	<7.56E-04	<8.96E-04	<9.35E-04	<8.96E-04	<9.75E-04	<9.75E-04	<4.78E-04	<8.76E-04	<8.96E-04	<1.62E-03	<7.56E-04	<5.97E-04	<8.96E-04	<6.17E-04	<7.56E-04	<7.56E-04	<8.96E-04	<1.09E-03	<1.21E-03
S-207a	<4.73E-04	<4.73E-04	<8.62E-04	<4.73E-04	<1.06E-03	<1.25E-03	<1.31E-03	<1.25E-03	<1.36E-03	<1.36E-03	<6.68E-04	<1.22E-03	<1.25E-03	<2.26E-03	<1.06E-03	<8.34E-04	<1.25E-03	<8.62E-04	<1.06E-03	<1.06E-03	<1.25E-03	<1.53E-03	<1.70E-03
S-208a	<7.40E-04	<7.40E-04	<1.35E-03	<7.40E-04	<1.65E-03	<1.96E-03	<2.05E-03	<1.96E-03	<2.13E-03	<2.13E-03	<1.05E-03	<1.92E-03	<1.96E-03	<3.54E-03	<1.65E-03	<1.31E-03	<1.96E-03	<1.35E-03	<1.65E-03	<1.65E-03	<1.96E-03	<2.39E-03	<2.66E-03
S-209a	<7.46E-04	<7.46E-04	<1.36E-03	<7.46E-04	<1.67E-03	<1.97E-03	<2.06E-03	<1.97E-03	<2.15E-03	<2.15E-03	<1.05E-03	<1.93E-03	<1.97E-03	<3.57E-03	<1.67E-03	<1.31E-03	<1.97E-03	<1.36E-03	<1.67E-03	<1.67E-03	<1.97E-03	<2.41E-03	<2.68E-03
S-210a	<1.36E-04	<1.36E-04	<2.47E-04	<1.36E-04	<3.03E-04	<3.59E-04	<3.75E-04	<3.59E-04	<3.91E-04	<3.91E-04	<1.92E-04	<3.51E-04	<3.59E-04	<6.49E-04	<3.03E-04	<2.39E-04	<3.59E-04	<2.47E-04	<3.03E-04	<3.03E-04	<3.59E-04	<4.39E-04	<4.87E-04
S-301a	0.00198	<2.61E-04	0.00361	<2.61E-04	<5.82E-04	<6.90E-04	<7.20E-04	<6.90E-04	<7.51E-04	<7.51E-04	<3.68E-04	<6.74E-04	<6.90E-04	<1.25E-03	<5.82E-04	<4.60E-04	<6.90E-04	<4.75E-04	<5.82E-04	<5.82E-04	<6.90E-04	<8.43E-04	<9.35E-04
S-302a	0.00218	<1.40E-04	0.00347	<1.40E-04	<3.12E-04	<3.70E-04	0.00077	<3.70E-04	<4.03E-04	<4.03E-04	<1.97E-04	<3.62E-04	<3.70E-04	<6.69E-04	<3.12E-04	<2.46E-04	<3.70E-04	<2.55E-04	<3.12E-04	<3.12E-04	<3.70E-04	<4.52E-04	<5.02E-04
S-303a	0.00118	<1.47E-04	0.00215	<1.47E-04	<3.29E-04	<3.90E-04	<4.07E-04	<3.90E-04	<4.24E-04	<4.24E-04	<2.08E-04	<3.81E-04	<3.90E-04	<7.05E-04	<3.29E-04	<2.60E-04	<3.90E-04	<2.69E-04	<3.29E-04	<3.29E-04	<3.90E-04	<4.76E-04	<5.28E-04
S-304a	0.00200	<1.39E-04	0.00365	<1.39E-04	<3.10E-04	<3.68E-04	<3.84E-04	<3.68E-04	<4.00E-04	<4.00E-04	<1.96E-04	<3.59E-04	<3.68E-04	<6.65E-04	<3.10E-04	<2.45E-04	<3.68E-04	<2.53E-04	<3.10E-04	<3.10E-04	<3.68E-04	<4.49E-04	<4.98E-04
S-305a	0.01727	<1.31E-04	0.01374	0.00471	0.00094	0.00194	0.00665	<3.46E-04	0.00090	0.00332	<1.85E-04	<3.39E-04	<3.46E-04	<6.26E-04	<2.92E-04	<2.31E-04	<3.46E-04	<2.39E-04	<2.92E-04	<2.92E-04	<3.46E-04	<4.23E-04	<4.69E-04
S-306a	0.01720	<1.29E-04	0.01601	0.00517	<2.89E-04	0.00178	0.00514	<3.42E-04	<3.72E-04	0.00089	<1.82E-04	0.00107	<3.42E-04	<6.18E-04	<2.89E-04	<2.28E-04	<3.42E-04	<2.35E-04	<2.88E-04	<2.89E-04	<3.42E-04	<4.17E-04	<4.63E-04
S-307a	0.02387	<1.29E-04	0.02406	0.00598	<2.88E-04	0.00246	0.00499	<3.41E-04	0.00401	<3.71E-04	<1.82E-04	0.00147	<3.41E-04	<6.17E-04	<2.88E-04	<2.27E-04	<3.41E-04	<2.35E-04	<2.88E-04	<2.88E-04	<3.41E-04	<4.17E-04	<4.62E-04
S-308a	0.01019	<1.29E-04	0.01210	0.00072	0.00092	0.00177	0.00313	<3.40E-04	<3.71E-04	<3.71E-04	<1.82E-04	<3.33E-04	<3.40E-04	0.00295	<2.88E-04	<2.27E-04	<3.40E-04	<2.35E-04	<2.87E-04	<2.88E-04	<3.41E-04	<4.16E-04	<4.62E-04
S-309a	<1.26E-04	<1.26E-04	<2.30E-04	<1.26E-04	<2.82E-04	<3.35E-04	<3.49E-04	<3.35E-04	<3.64E-04	<3.64E-04	<1.78E-04	<3.27E-04	<3.35E-04	<6.05E-04	<2.82E-04	<2.23E-04	<3.35E-04	<2.30E-04	<2.82E-04	<2.82E-04	<3.35E-04	<4.09E-04	<4.53E-04
S-310a	0.03079	<2.54E-04	0.02260	0.01138	<5.68E-04	0.00296	0.01489	<6.72E-04	<7.32E-04	0.00146	<3.59E-04	<6.57E-04	<6.72E-04	<1.22E-03	<5.68E-04	<4.48E-04	<6.72E-04	<4.63E-04	<5.68E-04	<5.68E-04	<6.72E-04	<8.21E-04	<9.11E-04
S-311a	<1.60E-04	<1.60E-04	<2.92E-04	<1.60E-04	<3.58E-04	<4.24E-04	<4.42E-04	<4.24E-04	<4.61E-04	<4.61E-04	<2.26E-04	<4.14E-04	<4.24E-04	<7.66E-04	<3.58E-04	<2.82E-04	<4.24E-04	<2.92E-04	<3.58E-04	<3.58E-04	<4.24E-04	<5.17E-04	<5.74E-04
S-312a	0.00363	<1.68E-04	0.00233	0.00094	<3.76E-04	<4.45E-04	0.00260	<4.45E-04	<4.84E-04	0.00136	<2.37E-04	<4.35E-04	<4.45E-04	<8.04E-04	<3.76E-04	<2.96E-04	<4.45E-04	<3.07E-04	<3.76E-04	<3.76E-04	<4.45E-04	<5.44E-04	<6.03E-04
S-313a	0.00273	<1.45E-04	0.00254	0.00035	<3.25E-04	<3.84E-04	0.00161	<3.84E-04	0.00117	<4.18E-04	<2.05E-04	<3.76E-04	<3.84E-04	<6.95E-04	<3.25E-04	<2.56E-04	<3.84E-04	<2.65E-04	<3.25E-04	<3.25E-04	<3.84E-04	<4.70E-04	<5.21E-04
S-314a	<1.34E-04	<1.34E-04	<2.45E-04	<1.34E-04	<3.00E-04	<3.56E-04	<3.72E-04	<3.56E-04	<3.87E-04	<3.87E-04	<1.90E-04	<3.48E-04	<3.56E-04	<6.43E-04	<3.00E-04	<2.37E-04	<3.56E-04	<2.45E-04	<3.00E-04	<3.00E-04	<3.56E-04	<4.35E-04	<4.82E-04
S-401a	<1.62E-04	<1.62E-04	<2.95E-04	<1.62E-04	<3.62E-04	<4.28E-04	<4.47E-04	<4.28E-04	<4.66E-04	<4.66E-04	<2.28E-04	<4.19E-04	<4.28E-04	<7.74E-04	<3.62E-04	<2.85E-04	<4.28E-04	<2.95E-04	<3.61E-04	<3.62E-04	<4.28E-04	<5.23E-04	<5.80E-04
S-402a	<2.57E-04	<2.57E-04	<4.69E-04	<2.57E-04	<5.74E-04	<6.80E-04	<7.10E-04	<6.80E-04	<7.40E-04	<7.40E-04	<3.63E-04	<6.65E-04	<6.80E-04	<1.23E-03	<5.74E-04	<4.53E-04	<6.80E-04	<4.69E-04	<5.74E-04	<5.74E-04	<6.80E-04	<8.31E-04	<9.22E-04
S-403a	<3.87E-04	<3.87E-04	<7.05E-04	<3.87E-04	<8.65E-04	<1.02E-03	<1.07E-03	<1.02E-03	<1.11E-03	<1.11E-03	<5.46E-04	<1.00E-03	<1.02E-03	<1.85E-03	<8.65E-04	<6.82E-04	<1.02E-03	<7.05E-04	<8.64E-04	<8.65E-04	<1.02E-03	<1.25E-03	<1.39E-03
S-404a	0.00190	<1.53E-04	0.00089	0.00141	<3.42E-04	<4.05E-04	<4.23E-04	<4.05E-04	<4.41E-04	<4.41E-04	<2.16E-04	<3.96E-04	<4.05E-04	<7.33E-04	<3.42E-04	<2.70E-04	<4.05E-04	<2.79E-04	<3.42E-04	<3.42E-04	<4.05E-04	<4.95E-04	<5.49E-04
S-405a	<1.31E-04	<1.31E-04	<2.38E-04	<1.31E-04	<2.92E-04	<3.45E-04	<3.61E-04	<3.45E-04	<3.76E-04	<3.76E-04	<1.84E-04	<3.38E-04	<3.45E-04	<6.24E-04	<2.92E-04	<2.30E-04	<3.45E-04	<2.38E-04	<2.92E-04	<2.92E-04	<3.45E-04	<4.22E-04	<4.68E-04
S-406a	<2.08E-04	<2.08E-04	<3.79E-04	<2.08E-04	<4.64E-04	<5.50E-04	<5.74E-04	<5.50E-04	<5.98E-04	<5.98E-04	<2.93E-04	<5.37E-04	<5.50E-04	<9.94E-04	<4.64E-04	<3.66E-04	<5.50E-04	<3.79E-04	<4.64E-04	<4.64E-04	<5.50E-04	<6.72E-04	<7.45E-04
S-407a	<2.48E-04	<2.48E-04	<4.53E-04	<2.48E-04	<5.55E-04	<6.57E-04	<6.86E-04	<6.57E-04	<7.15E-04	<7.15E-04	<3.50E-04	<6.42E-04	<6.57E-04	<1.19E-03	<5.55E-04	<4.38E-04	<6.57E-04	<4.53E-04	<5.55E-04	<5.55E-04	<6.57E-04	<8.02E-04	<8.90E-04
S-408a	<1.99E-04	<1.99E-04	<3.64E-04	<1.99E-04	<4.46E-04	<5.28E-04	<5.51E-04	<5.28E-04	<5.74E-04	<5.74E-04	<2.81E-04	<5.16E-04	<5.28E-04	<9.54E-04	<4.46E-04	<3.52E-04	<5.28E-04	<3.64E-04	<4.45E-04	<4.46E-04	<5.28E-04	<6.45E-04	<7.15E-04
S-409a	0.00128	0.00060	<3.43E-04	<1.88E-04	<4.21E-04	<4.98E-04	<5.20E-04	<4.98E-04	<5.42E-04	<5.42E-04	<2.66E-04	<4.87E-04	<4.98E-04	<9.00E-04	<4.21E-04	<3.32E-04	0.00179	<3.43E-04	<4.20E-04	<4.21E-04	<4.98E-04	<6.08E-04	<6.75E-04
S-410a	<1.38E-04	<1.38E-04	<2.51E-04	<1.38E-04	<3.08E-04	<3.64E-04	<3.80E-04	<3.64E-04	<3.97E-04	<3.96E-04	<1.94E-04	<3.56E-04	<3.64E-04	<6.59E-04	<3.08E-04	<2.43E-04	<3.64E-04	<2.51E-04	<3.08E-04	<3.08E-04	<3.64E-04	<4.45E-04	<4.94E-04
S-411a	<1.51E-04	<1.51E-04	<2.75E-04	<1.51E-04	<3.37E-04	<3.99E-04	<4.17E-04	<3.99E-04	<4.34E-04	<4.34E-04	<2.13E-04	<3.90E-04	<3.99E-04	<7.21E-04	<3.37E-04	<2.66E-04	<3.99E-04	<2.75E-04	<3.37E-04	<3.37E-04	<3.99E-04	<4.88E-04	<5.41E-04
S-412a	<1.41E-04	<1.41E-04	<2.57E-04	<1.41E-04	<3.15E-04	<3.74E-04	<3.90E-04	<3.74E-04	<4.07E-04	<4.07E-04	<1.99E-04	<3.65E-04	<3.74E-04	<6.75E-04	<3.15E-04	<2.49E-04	<3.74E-04	<2.57E-04	<3.15E-04	<3.15E-04	<3.74E-04	<4.56E-04	<5.06E-04
S-413a	<1.92E-04	<1.92E-04	<3.51E-04	<1.92E-04	<4.30E-04	<5.09E-04	<5.32E-04	<5.09E-04	<5.54E-04	<5.54E-04	<2.72E-04	<4.98E-04	<5.09E-04	<9.21E-04	<4.30E-04	<3.39E-04	<5.09E-04	<3.51E-04	<4.30E-04	<4.30E-04	<5.09E-04	<6.22E-04	<6.90E-04
S-414a	<1.34E-04	<1.34E-04	<2.45E-04	<1.34E-04	<3.00E-04	<3.56E-04	<3.72E-04	<3.56E-04	<3.87E-04	<3.87E-04	<1.90E-04	<3.48E-04	<3.56E-04	<6.43E-04	<3.00E-04	<2.37E-04	<3.56E-04	<2.45E-04	<3.00E-04	<3.00E-04	<3.56E-04	<4.35E-04	<4.82E-04
S-501a	0.00117	0.00117	<4.85E-04	<2.66E-04	<5.94E-04	<7.04E-04	<7.35E-04	<7.04E-04	<7.66E-04	<7.66E-04	<3.76E-04	<6.88E-04	<7.04E-04	<1.27E-03	<5.94E-04	<4.69E-04	<7.04E-04	<4.85E-04	<5.94E-04	<5.94E-04	<7.04E-04	<8.60E-04	<9.54E-04
S-502a	0.00063	0.00063	<2.85E-04	<1.57E-04	<3.50E-04	<4.14E-04	<4.33E-04	<4.14E-04	<4.51E-04	<4.51E-04	<2.21E-04	<4.05E-04	<4.14E-04	<7.49E-04	<3.50E-04	<2.76E-04	<4.14E-04	<2.85E-04	<3.50E-04	<3.50E-04	<4.14E-04	<5.06E-04	<5.62E-04
S-503a	<1.82E-04	<1.82E-04	<3.31E-04	<1.82E-04	<4.06E-04	<4.80E-04	<5.02E-04	<4.80E-04	<5.23E-04	<5.23E-04	<2.56E-04	<4.70E-04	<4.80E-04	<8.69E-04	<4.06E-04	<3.20E-04	<4.80E-04	<3.31E-04	<4.06E-04	<4.06E-04	<4.80E-04	<5.87E-04	<6.51E-04
S-504a	0.00095	0.00095	<2.54E-04	<1.39E-04	<3.12E-04	<3.69E-04	<3.85E-04	<3.69E-04	<4.02E-04	<4.02E-04	<1.97E-04	<3.61E-04	<3.69E-04	<6.67E-04	<3.12E-04	<2.46E-04	<3.69E-04	<2.54E-04	<3.11E-04	<3.12E-04	<3.69E-04	<4.51E-04	<5.00E-04
S-505a	<1.26E-04	<1.26E-04	<2.30E-04	<1.26E-04	<2.82E-04	<3.35E-04	<3.49E-04	<3.35E-04	<3.64E-04	<3.64E-04	<1.78E-04	<3.27E-04	<3.35E-04	<6.05E-04	<2.82E-04	<2.23E-04	<3.35E-04	<2.30E-04	<2.82E-04	<2.82E-04	<3.35E-04	<4.09E-04	<4.53E-04
S-506a	0.00047	0.00047	<3.07E-04	<1.69E-04	<3.77E-04	<4.46E-04	<4.66E-04	<4.46E-04	<4.86E-04	<4.85E-04	<2.38E-04	<4.36E-04	<4.46E-04	<8.06E-04	<3.77E-04	<2.97E-04	<4.46E-04	<3.07E-04	<3.77E-04	<3.77E-04	<4.46E-04	<5.45E-04	<6.05E-04
S-507a	0.00026	0.00026	<2.41E-04	<1.32E-04	<2.96E-04	<3.50E-04	<3.66E-04	<3.50E-04	<3.81E-04	<3.81E-04	<1.87E-04	<3.42E-04	<3.50E-04	<6.33E-04	<2.96E-04	<2.33E-04	<3.50E-04	<2.41E-04	<2.96E-04	<2.96E-04	<3.50E-04	<4.28E-04	<4.75E-04
S-508a	<1.32E-04	<1.32E-04	<2.41E-04	<1.32E-04	<2.95E-04	<3.49E-04	<3.65E-04	<3.49E-04	<3.80E-04	<3.80E-04	<1.86E-04	<3.42E-04	<3.49E-04	<6.32E-04	<2.95E-04	<2.33E-04	<3.49E-04	<2.41E-04	<2.95E-04	<2.95E-04	<3.49E-04	<4.27E-04	<4.74E-04
S-509a	0.00058	0.00058	<2.39E-04	<1.31E-04	<2.93E-04	<3.47E-04	<3.62E-04	<3.47E-04	<3.78E-04	<3.78E-04	<1.85E-04	<3.39E-04	<3.47E-04	<6.27E-04	<2.93E-04	<2.31E-04	<3.47E-04	<2.39E-04	<2.93E-04	<2.93E-04	<3.47E-04	<4.24E-04	<4.70E-04
S-510a	<1.36E-04	<1.36E-04	<2.47E-04	<1.36E-04	<3.03E-04	<3.59E-04	<3.75E-04	<3.59E-04	<3.90E-04	<3.90E-04	<1.91E-04	<3.51E-04	<3.59E-04	<6.48E-04	<3.03E-04	<2.39E-04	<3.59E-04	<2.47E-04	<3.03E-04	<3.03E-04	<3.59E-04	<4.38E-04	<4.86E-04

Nota: Los compuestos sombreados en magenta no tuvieron defectos para este evento de prueba. El valor proporcionado para estos compuestos derivó de la hipótesis de que la concentración medida era igual a ½ del límite de detección del método.

5. Análisis de Datos

Distribución de la Zona de Celdas

La Tabla 5.1 muestra cómo se distribuyeron los puntos de datos de las cámaras de flujo individuales para calcular el valor del flujo promedio para cada celda de la cuadrícula de prueba. Se realizaron cuatro mediciones en cada celda de prueba. Las cuatro mediciones se pusieron como objetivo para que representen la concentración analizada de emisiones bajas (mitad inferior), de emisiones medias (entre la mitad inferior y el 10% superior), de emisiones altas (el 10% superior) y máximas, en la celda de prueba. Por lo tanto, la medición baja objetivo representó el 50% del área de las celdas, la medición media representó el 40% de la zona de las celdas, la medición alta representó el 10% de la zona de las celdas y la medición máxima representó la zona de la cámara de flujo, 0.13 m^2. Pero los valores reales fueron sustancialmente diferentes a los valores objetivo. La Tabla 5.1 muestra los valores calculados de la distribución, en base al análisis del estudio de la celda interior. La base del cálculo se indica en el Apéndice 2.

Tabla 5.1 Distribución del Área de Celdas de la Cuadrícula por Zona de Celdas Interiores de la Cuadrícula.

		Rep.	Distribución de las Celdas			
Categoría	**Subconjunto**	**Celda**	**Bajo**	**Medio**	**Alto**	**Máx.**
Zona de Excesos		87	73%	17%	10%	0.003%
Membrana	Alto	181	76%	14%	10%	0.003%
Membrana	Medio	171	76%	4%	20%	0.003%
Membrana	Medio	172	52%	27%	21%	0.003%
Membrana	Bajo	188	25%	25%	25%	25.000%
Interfaz	Alto	211	31%	47%	22%	0.003%
Interfaz	Medio	212	86%	9%	5%	0.003%
Interfaz	Medio	163	71%	18%	11%	0.003%
Interfaz	Bajo	155	66%	14%	21%	0.003%
Zona No Reactiva	Alto	116	77%	13%	10%	0.003%
Zona No Reactiva	Medio	199	42%	50%	8%	0.003%
Zona No Reactiva	Medio	31	74%	12%	15%	0.003%
Zona No Reactiva	Bajo	134	32%	30%	30%	0.003%
Calle		Calle	42%	42%	17%	0.003%

El valor de flujo promedio de la celda se calculó multiplicando el factor de distribución apropiado (consulte la Tabla 5.1) por el valor del flujo medido para cada posición. Se asumió que la lectura máxima era válida únicamente bajo la cámara de flujo, un área de 0.13 m^2, porque la lectura máxima únicamente se representa en un punto de la cuadrícula. Ninguna otra parte de la cuadrícula está representada por la lectura máxima. Se debe tener en cuenta que algunas de las celdas de la cuadrícula tuvieron los mismos valores o valores similares al estudio y por lo tanto no hay un máximo identificable. Para estas celdas, la asignación de la superficie al valor "Máximo" es mayor al valor del 0.003% asignado a las celdas que sí tuvieron un valor máximo identificable.

Cálculos de las Emisiones

Todos los cálculos de las emisiones se indican en el Apéndice 3. Como ejemplo, el cálculo de emisiones de metano se indica a continuación en la Tabla 5.2. Los valores del flujo se muestran en la Sección 5 (para las cuatro categorías de celdas internas

Tabla 5.2 Cálculos de Emisiones de Metano.

Metano													
74-82 -8													
Protocolo de Legado													
		Rep.		**Flujo (mg/m^2- min)**					**Rep. del Área**		**Las emisiones**		
Categoría	**Subconjunto**	**Celda**	**M?**	**Bajo**	**Medio**	**Alto**	**Máx.**	**Promedio Ponderado**	**($pies^2$)**	**(m^2)**	**(mg/min.)**	**(lb./yardas)**	**(TPY)**
Zona de Excesos		87		0.6613	0.3295	311.9673	247.7175	31.7446	452,665	42,054	1,334,988	1,546,891	773.4
Membrana	Alto	181		0.0420	<1.72E-02	0.0466	<1.11E-02	<3.91E-02	654,090	60,767	<2.37E+03	<2.75E+03	<1.38E+00
Membrana	Medio	171		0.0224	0.0223	0.1031	0.0452	0.0385	933,363	86,712	<2.57E+03	<2.98E+03	<1.49E+00
Membrana	Medio	172		<1.88E-02	0.0200	0.0268	<8.74E-03	<2.08E-02					
Membrana	Bajo	188		0.0531	0.0864	0.1137	0.1265	0.0949	1,166,324	108,355	10,287	11,920	6.0
Interfaz	Alto	211		0.0204	0.0307	0.2640	0.0351	0.0785	115,029	10,687	839	972	0.49
Interfaz	Medio	212		0.0766	0.1133	3.7030	711.7208	0.2679	108,063	10,039	196,096	227,222	113.61
Interfaz	Medio	163	P	49.6259	13.4441	8.8076	179.9295	38.7973					
Interfaz	Bajo	155	P	3.7046	4.8144	604.3883	2,311.2603	128.2122	664,306	61,716	7,912,750	9,168,742	4,584.371
Zona No Reactiva	Alto	116		<8.43E-03	0.0364	<9.44E-03	0.1607	<1.23E-02	1,642,688	152,611	<1.87E+03	<2.17E+03	<1.08E+00
Zona No Reactiva	Medio	199		0.0471	0.9569	1.2206	40.8381	0.5936	2,065,355	191,878	<5.22E+05	<6.05E+05	<3.02E+02
Zona No Reactiva	Medio	31		<1.62E-02	15.8267	20.1733	212.7870	<4.85E+00					
Zona No Reactiva	Bajo	134		0.0382	0.0324	0.0359	<1.25E-02	<3.23E-02	4,542,939	422,053	<1.36E+04	<1.58E+04	<7.91E+00
Área No SEM								<8.72E+00	560,472	52,070	<4.54E+05	<5.26E+05	<2.63E+02
							Total		**12,905,294**	**1,198,941**	**<1.05E+07**	**<1.21E+07**	**<6.06E+03**
													(TPY)
Calle				0.0626	<9.56E-03	<1.10E-02	<9.67E-03	<3.19E-02		Zona de Excesos			773
										Membrana			<8.83E+00
										Interfaz			4,698
										Zona No Reactiva			<3.11E+02
										Flujo Promedio (mg/m^2-min.)			<8.72E+00
										Flujo en la Zona No Reactiva (mg/m^2-m)			<7.01E-01
										Flujo en la Membrana (mg/m^2- min)			<5.95E-02
										Flujo en la Interfaz (mg/m^2-min.)			98
										Flujo en la Calle (mg/m^2-min.)			0.0319
Protocolo Nuevo													
		Rep.		**Flujo (mg/m^2- min)**					**Rep. del Área**		**Las emisiones**		
Categoría	**Subconjunto**	**Celda**	**M?**	**Bajo**	**Medio**	**Alto**	**Máx.**	**Promedio Ponderado**	**($pies^2$)**	**(m^2)**	**(mg/min.)**	**(lb./yardas)**	**(TPY)**
Zona de Excesos		87		0.6613	0.3295	311.9673	247.7175	31.7446	452,665	42,054	1,334,988	1,546,891	773
Membrana	Alto	181		0.0420	<1.72E-02	0.0466	<1.11E-02	<3.91E-02	1,063,263	98,780	<3.86E+03	<4.47E+03	<2.24E+00
Membrana	Bajo	188		0.0531	0.0864	0.1137	0.1265	0.0949	1,595,881	148,262	14,076	16,310	8.2
Celdas Anómalas	Alto	171											
Celdas Anómalas	Bajo	172											
Iinterfaz	Alto	211		0.0204	0.0307	0.2640	0.0351	0.0785	115,029	10,687	839	972	0.486
Interfaz	Medio	212		0.0766	0.1133	3.7030	711.7208	0.2679	108,063	10,039	196,096	227,222	113.61
Interfaz	Medio	163	P	49.6259	13.4441	8.8076	179.9295	38.7973					
Interfaz	Bajo	155	P	3.7046	4.8144	604.3883	2,311.2603	128.2122	664,306	61,716	7,912,750	9,168,742	4,584
Zona No Reactiva	Alto	116		<8.43E-03	0.0364	<9.44E-03	0.1607	<1.23E-02	1,642,688	152,611	<1.87E+03	<2.17E+03	<1.08E+00
Zona No Reactiva	Medio	199		0.0471	0.9569	1.2206	40.8381	0.5936	2,065,355	191,878	<5.22E+05	<6.05E+05	<3.02E+02
Zona No Reactiva	Medio	31		<1.62E-02	15.8267	20.1733	212.7870	<4.85E+00					
Zona No Reactiva	Bajo	134		0.0382	0.0324	0.0359	<1.25E-02	<3.23E-02	4,542,939	422,053	<1.36E+04	<1.58E+04	<7.91E+00
Área No SEM								<8.72E+00	560,472	52,070	<4.54E+05	<5.26E+05	<2.63E+02
							Total		**12,905,294**	**1,198,941**	**<1.05E+07**	**<1.21E+07**	**<6.06E+03**
													(TPY)
Calle				0.0626	<9.56E-03	<1.10E-02	<9.67E-03	<3.19E-02		Zona de Excesos			773
										Membrana			<1.05E+01
										Interfaz			4,698
										Zona No Reactiva			<3.11E+02
										Celdas Anómalas			<1.53E-01
										Flujo Promedio (mg/m^2-min.)			<8.72E+00
										Flujo en la Zona No Reactiva (mg/m^2-m)			<7.01E-01
										Flujo en la Membrana (mg/m^2- min)			<7.26E-02
										Flujo en la Interfaz (mg/m^2-min.)			98
										Celdas Anómalas (mg/m^2-min.)			<3.01E-02

(bajo, medio, alto y máx.) se promedian en base a la distribución de zonas descrita arriba. El valor de flujo de celda promedio (columna “Promedio Ponderado”) después se multiplica por el área representada por esa celda de la cuadrícula para llegar a las emisiones totales. Las emisiones se calcularon y se presentaron utilizando la metodología de cálculo indicada en el protocolo de prueba. Se calcularon las emisiones para todos los compuestos utilizando los modelos de análisis de datos del "Protocolo de Legado" y del "Protocolo Revisado (Nuevo)". El análisis del "Protocolo de Legado" utilizó todos los datos tomados y los resultados del informe primario se basan en esos datos. El análisis del "Protocolo Revisado (Nuevo)" utilizó todos los datos tomados y se basó en nuevas categorías del origen.

No se detectó monóxido de carbono o hidrógeno en ninguna de las muestras y no se cuantificó de ninguna manera.

Los compuestos identificados tentativamente (TICs) se proporcionan en los informes del laboratorio proporcionados en el Apéndice C del Adjunto 2. Como las detecciones de TICs fueron escasas, no se completaron los cálculos de las emisiones para el flujo de todo el sitio para estos productos químicos. Sin embargo, si se solicitan, se proporcionarán los cálculos de los TIC.

Resumen de las Emisiones

Las Tablas 5.3 y 5.4 resumen las emisiones totales en la superficie del sitio en toneladas por año utilizando el Método de Análisis del Protocolo de Legado. Las Tablas 5.5 y 5.6 resumen las emisiones totales en la superficie del sitio en toneladas por año utilizando el Protocolo Revisado (Nuevo). Aunque los datos de las emisiones se presentan en toneladas por año, debe resaltarse que estos índices de emisiones únicamente son válidos por el -período de tiempo que dura el evento de muestreo y no está previsto que impliquen que las emisiones en los siguientes 365 días sean iguales a estos valores. Todos los datos de laboratorio informados como "no detectados" se cuantificaron a la mitad del límite de detección del método (MDL) para los cálculos de las emisiones. Además, el índice de flujo promedio para cada compuesto se proporciona en mg/m^2-min. en cada una de las tablas.

Table 5.3 Site Surface Emissions Summary; CO2, Methane, VOC, TO-14 and 307-91 Compounds. Legacy Protocol Data Analysis.

								TO-14 Compounds					307-91 Compounds			
Category			**Units**	**Carbon Dioxide**	**Methane**	**VOC**	**Benzene TO-14**	**Toluene TO-14**	**n-propylbenzene TO-14**	**Propane TO-14**	**Dimethyl Sulfide**	**Dimethyl Disulfide**	**Hydrogen Sulfide**	**Methyl Mercaptan**
Exceedance Area	87		TPY	10,358	773	1.19	<1.43E-02	<3.15E-02	<8.06E-02	0.038	<4.27E-02	<3.98E-02	<1.44E-02	<1.90E-02
Membrane	181	High	TPY	<1.29E+03	<1.38E+00	<5.73E+00	<7.55E-01	<2.71E-01	<1.34E-01	0.0072	<1.17E-01	<8.32E-02	<5.19E-03	<7.33E-03
Membrane	171	Med	TPY	<1.61E+03	<1.49E+00	3.23	0.342	0.231	<8.04E-02	0.018	0.481	<1.74E-01	<8.39E-03	<1.18E-02
Membrane	188	Low	TPY	9,178	6	<1.21E-01	<8.77E-03	<1.38E-02	<9.00E-03	<2.14E-02	<5.23E-02	<7.93E-02	<2.87E-02	<4.05E-02
Interface	211	High	TPY	<2.45E+02	0.49	0.14	0.037	0.010	0.0040	<1.62E-03	<4.94E-03	<3.20E-03	<1.16E-03	<1.63E-03
Interface	212	Med	TPY	1,088	114	0.049	<7.96E-04	<1.96E-03	<2.93E-03	<1.29E-03	<2.71E-03	<4.11E-03	<1.49E-03	<2.10E-03
Interface	155	Low	TPY	13,129	4,584	3.30	<2.91E-02	<3.22E-01	<5.91E-01	0.018	<2.44E-02	<1.54E-02	<1.43E-02	<1.68E-02
Non-Reaction Area	116	High	TPY	3,010	<1.08E+00	<3.03E-01	<3.58E-03	<1.03E-02	<1.27E-02	<1.16E-02	<2.14E-02	<3.24E-02	<1.65E-02	<1.66E-02
Non-Reaction Area	199	Med	TPY	40,322	<3.02E+02	<3.27E+00	<1.68E-02	<1.18E-02	<4.49E-02	<5.18E-02	<4.74E-02	<7.18E-02	<6.60E-02	<3.67E-02
Non-Reaction Area	134	Low	TPY	14,330	<7.91E+00	<8.83E-01	<2.85E-02	<1.33E-02	<1.35E-02	<3.16E-02	<7.86E-02	<1.19E-01	<4.31E-02	<6.08E-02
Non SEM Area			TPY	<4.29E+03	<2.63E+02	<8.27E-01	<5.61E-02	<4.16E-02	<4.42E-02	<9.06E-03	<3.96E-02	<2.83E-02	<9.05E-03	<9.68E-03
Total			**TPY**	**<9.89E+04**	**<6.06E+03**	**<1.90E+01**	**<1.29E+00**	**<9.59E-01**	**<1.02E+00**	**<2.09E-01**	**<9.12E-01**	**<6.51E-01**	**<2.08E-01**	**<2.23E-01**
Exceedance Area			TPY	10,358	773	1.19	<1.43E-02	<3.15E-02	<8.06E-02	0.038	<4.27E-02	<3.98E-02	<1.44E-02	<1.90E-02
Membrane			TPY	<1.21E+04	<8.83E+00	<9.09E+00	<1.11E+00	<5.17E-01	<2.24E-01	<4.64E-02	<6.51E-01	<3.37E-01	<4.23E-02	<5.97E-02
Interface			TPY	<1.45E+04	4,698	3.49	<6.67E-02	<3.34E-01	<5.98E-01	<2.06E-02	<3.20E-02	<2.27E-02	<1.70E-02	<2.05E-02
Non-Reaction Area			TPY	57,662	<3.11E+02	<4.45E+00	<4.89E-02	<3.55E-02	<7.12E-02	<9.51E-02	<1.47E-01	<2.23E-01	<1.26E-01	<1.14E-01
Average Flux (mg/m2-min)			mg/m2-min	<1.42E+02	<8.72E+00	<2.74E-02	<1.86E-03	<1.38E-03	<1.47E-03	<3.00E-04	<1.31E-03	<9.37E-04	<3.00E-04	<3.21E-04
Non-Reaction Area Flux (mg/m2-r			mg/m2-min	130	<7.01E-01	<1.00E-02	<1.10E-04	<7.99E-05	<1.60E-04	<2.14E-04	<3.32E-04	<5.03E-04	<2.83E-04	<2.57E-04
Membrane Flux (mg/m2-min)			mg/m2-min	<8.15E+01	<5.95E-02	<6.13E-02	<7.46E-03	<3.49E-03	<1.51E-03	<3.13E-04	<4.39E-03	<2.27E-03	<2.85E-04	<4.03E-04
Interface Flux (mg/m2-min)			mg/m2-min	<3.03E+02	98	0.073	<1.40E-03	<6.98E-03	<1.25E-02	<4.31E-04	<6.71E-04	<4.76E-04	<3.56E-04	<4.29E-04
Road Flux (mg/m2-min)			mg/m2-min	<2.06E+01	<3.19E-02	0.0038	<2.08E-04	<4.97E-05	<1.02E-04	<7.37E-05	<2.93E-04	<4.45E-04	<3.33E-04	<2.27E-04

Table 5.4 Site Surface Emissions Summary, TO-15 Compounds. Legacy Protocol Data Analysis.

Category			Units	Methanol	Acetone	Benzene	2-Butanone (MEK)	Tetrahydrofuran	m,p-Xylenes	Ethylbenzene	Toluene	Isopropyltoluene	Decane	Ethanol	1,2,4-Trimethylbenzene	o-Xylene	Nonane	1,3,5-Trimethylbenzene	4-Ethyltoluene	Propylene	Octane	Acrolein	n-Heptane	2-propanol (isopropylalcohol)	Naphthalene	Chloroform	Cyclohexane	Hexane	1,2-Dichloroethane	Trichloroethene (TCE)	Chloroethane
Exceedance Area	87		TPY	0.584	0.164	<1.14E-02	0.014	<1.24E-03	<2.30E-02	<1.83E-02	<2.51E-02	<3.33E-02	<1.05E-02	0.084	<6.36E-03	<2.00E-02	<1.36E-02	<8.36E-03	<1.12E-02	<1.50E-02	<7.91E-03	<1.15E-02	<4.54E-03	<1.07E-02	<3.34E-03	<5.70E-03	<2.22E-03	<4.12E-03	<1.65E-03	<8.30E-04	<2.18E-03
Membrane	181	High	TPY	0.183	0.331	0.616	0.262	0.356	<3.61E-01	<3.38E-01	<2.37E-01	<3.53E-02	<1.71E-01	0.051	0.142	<1.07E-01	<6.57E-02	<7.64E-02	<7.38E-02	0.011	<4.05E-02	<6.15E-03	<9.29E-03	0.029	<3.99E-03	<6.19E-04	<4.36E-04	<8.67E-04	<5.13E-04	<3.20E-04	<9.47E-04
Membrane	171	Med	TPY	0.602	0.337	0.954	0.411	0.590	<3.43E-01	<3.32E-01	<3.09E-01	<3.82E-01	<2.24E-01	0.129	<1.11E-01	<1.36E-01	<1.33E-01	<4.48E-02	<4.33E-02	<2.91E-02	<6.28E-02	<7.42E-03	<1.47E-02	0.043	<2.08E-03	<1.00E-03	<7.05E-04	<1.40E-03	<1.03E-03	<5.18E-04	<1.05E-03
Membrane	188	Low	TPY	0.136	0.129	<2.95E-02	<8.18E-03	<3.48E-03	<5.90E-03	<5.90E-03	<1.04E-02	<1.51E-02	<1.61E-02	<3.82E-02	<1.36E-02	<5.90E-03	<7.13E-03	<1.36E-02	<1.36E-02	<2.34E-03	<6.35E-03	<9.04E-03	<5.57E-03	<6.78E-03	<7.13E-03	<3.42E-03	<2.41E-03	<4.79E-03	<2.84E-03	<1.77E-03	<3.59E-03
Interface	211	High	TPY	<1.65E-03	0.0024	0.025	<1.62E-04	<4.67E-04	<3.57E-03	<8.47E-04	<7.46E-03	0.0030	<2.06E-03	0.011	<5.47E-04	<2.38E-04	<1.44E-03	<5.47E-04	<1.00E-03	0.0022	<6.84E-04	<1.26E-04	<1.32E-03	<2.73E-04	<2.87E-04	<1.38E-04	<9.72E-05	<7.79E-04	<1.14E-04	<7.14E-05	<1.45E-04
Interface	212	Med	TPY	0.141	0.007	<2.09E-03	<6.60E-04	<1.07E-04	<3.06E-04	<3.06E-04	<5.39E-04	<8.18E-03	<8.32E-04	<5.93E-03	<7.03E-04	<3.06E-04	<3.70E-04	<7.03E-04	<7.03E-04	<1.04E-02	<3.29E-04	<3.88E-04	<1.49E-03	<3.52E-04	<2.36E-02	<2.69E-03	<2.18E-03	<4.82E-04	<2.44E-04	<1.10E-04	<7.28E-04
Interface	155	Low	TPY	0.046	0.140	0.030	0.284	<2.14E-02	<5.83E-02	<5.23E-02	<1.97E-01	<5.05E-02	<1.30E-02	<3.31E-02	<1.65E-02	<1.70E-02	<2.73E-02	<1.51E-02	<8.40E-03	<9.79E-02	<5.46E-02	<1.77E-03	<1.63E-01	<1.32E-03	<1.39E-03	<4.90E-03	<1.06E-01	<2.04E-02	<2.24E-02	<2.66E-02	<7.38E-03
Non-Reaction Area	116	High	TPY	0.828	0.254	0.104	0.026	<8.43E-04	<2.41E-03	<2.41E-03	<4.25E-03	<2.10E-02	<6.56E-03	<2.94E-02	<5.54E-03	<2.41E-03	<2.91E-03	<5.54E-03	<5.54E-03	0.011	<2.59E-03	0.039	<2.28E-03	<1.02E-02	<2.91E-03	<1.40E-03	<9.85E-04	<4.34E-03	<1.16E-03	<7.23E-04	<1.46E-03
Non-Reaction Area	199	Med	TPY	0.469	0.339	0.155	<1.62E-02	<1.88E-03	<5.35E-03	<5.35E-03	<9.42E-03	<1.11E-01	<1.36E-01	<6.01E-02	<1.23E-02	<5.35E-03	<7.97E-03	<1.23E-02	<1.23E-02	<2.94E-02	<5.75E-03	<3.17E-02	<1.14E-02	<9.25E-03	<4.07E-02	<7.12E-02	<2.69E-02	<4.54E-03	<2.57E-03	<1.60E-03	<3.25E-03
Non-Reaction Area	134	Low	TPY	2.360	0.523	<3.49E-02	<7.34E-02	<3.10E-03	<8.86E-03	<8.86E-03	<1.56E-02	<3.37E-02	<2.41E-02	<1.13E-01	<2.04E-02	<8.86E-03	<1.07E-02	<2.04E-02	<2.04E-02	<1.62E-02	<9.53E-03	0.044	<8.36E-03	<1.02E-02	<1.07E-02	<5.13E-03	<3.62E-03	<7.19E-03	<4.26E-03	<2.66E-03	<5.38E-03
Non SEM Area			TPY	<2.43E-01	0.101	<8.91E-02	<4.98E-02	<4.44E-02	<3.69E-02	<3.47E-02	<3.70E-02	<3.15E-02	<2.74E-02	<2.52E-02	<1.49E-02	<1.38E-02	<1.23E-02	<8.97E-03	<8.63E-03	<1.02E-02	<8.67E-03	<6.86E-03	<1.01E-02	<5.47E-03	<4.37E-03	<4.37E-03	<6.61E-03	<2.22E-03	<1.67E-03	<1.60E-03	<1.19E-03
Total			**TPY**	**<5.59E+00**	**2.328**	**<2.05E+00**	**<1.15E+00**	**<1.02E+00**	**<8.49E-01**	**<7.99E-01**	**<8.52E-01**	**<7.25E-01**	**<6.32E-01**	**<5.80E-01**	**<3.44E-01**	**<3.17E-01**	**<2.82E-01**	**<2.07E-01**	**<1.99E-01**	**<2.35E-01**	**<2.00E-01**	**<1.58E-01**	**<2.32E-01**	**<1.26E-01**	**<1.01E-01**	**<1.01E-01**	**<1.52E-01**	**<5.12E-02**	**<3.84E-02**	**<3.68E-02**	**<2.73E-02**
Exceedance Area			TPY	0.584	0.164	<1.14E-02	0.014	<1.24E-03	<2.30E-02	<1.83E-02	<2.51E-02	<3.33E-02	<1.05E-02	0.084	<6.36E-03	<2.00E-02	<1.36E-02	<8.36E-03	<1.12E-02	<1.50E-02	<7.91E-03	<1.15E-02	<4.54E-03	<1.07E-02	<3.34E-03	<5.70E-03	<2.22E-03	<4.12E-03	<1.65E-03	<8.30E-04	<2.18E-03
Membrane			TPY	0.921	0.797	<1.60E+00	<6.81E-01	<9.49E-01	<7.10E-01	<6.76E-01	<5.56E-01	<4.32E-01	<4.11E-01	<2.18E-01	<2.67E-01	<2.49E-01	<2.06E-01	<1.35E-01	<1.31E-01	<4.27E-02	<1.10E-01	<2.26E-02	<2.95E-02	<7.83E-02	<1.32E-02	<5.04E-03	<3.55E-03	<7.06E-03	<4.38E-03	<2.61E-03	<5.58E-03
Interface			TPY	<1.89E-01	0.150	<5.71E-02	<2.85E-01	<2.20E-02	<6.21E-02	<5.34E-02	<2.05E-01	<6.17E-02	<1.59E-02	<5.00E-02	<1.77E-02	<1.76E-02	<2.91E-02	<1.64E-02	<1.01E-02	<1.10E-01	<5.56E-02	<2.28E-03	<1.66E-01	<1.94E-03	<2.53E-02	<7.73E-03	<1.08E-01	<2.17E-02	<2.28E-02	<2.68E-02	<8.26E-03
Non-Reaction Area			TPY	3.657	1.116	<2.94E-01	<1.16E-01	<5.82E-03	<1.66E-02	<1.66E-02	<2.93E-02	<1.66E-01	<1.67E-01	<2.03E-01	<3.82E-02	<1.66E-02	<2.16E-02	<3.82E-02	<3.82E-02	<5.67E-02	<1.79E-02	<1.15E-01	<2.20E-02	<2.97E-02	<5.43E-02	<7.78E-02	<3.15E-02	<1.61E-02	<7.98E-03	<4.98E-03	<1.01E-02
Average Flux (mg/m2-min)			mg/m2-min	<8.05E-03	0.003	<2.95E-03	<1.65E-03	<1.47E-03	<1.22E-03	<1.15E-03	<1.23E-03	<1.04E-03	<9.09E-04	<8.35E-04	<4.95E-04	<4.57E-04	<4.06E-04	<2.97E-04	<2.86E-04	<3.38E-04	<2.87E-04	<2.27E-04	<3.34E-04	<1.81E-04	<1.45E-04	<1.45E-04	<2.19E-04	<7.36E-05	<5.53E-05	<5.30E-05	<3.93E-05
Non-Reaction Area Flux (mg/m2-r			mg/m2-min	0.008	0.003	<6.62E-04	<2.61E-04	<1.31E-05	<3.74E-05	<3.74E-05	<6.59E-05	<3.74E-04	<3.76E-04	<4.57E-04	<8.60E-05	<3.74E-05	<4.86E-05	<8.60E-05	<8.60E-05	<1.28E-04	<4.03E-05	<2.58E-04	<4.95E-05	<6.68E-05	<1.22E-04	<1.75E-04	<7.10E-05	<3.62E-05	<1.80E-05	<1.12E-05	<2.27E-05
Membrane Flux (mg/m2-min)			mg/m2-min	0.006	0.005	<1.08E-02	<4.60E-03	<6.41E-03	<4.79E-03	<4.56E-03	<3.75E-03	<2.92E-03	<2.77E-03	<1.47E-03	<1.80E-03	<1.68E-03	<1.39E-03	<9.09E-04	<8.81E-04	<2.88E-04	<7.40E-04	<1.53E-04	<1.99E-04	<5.28E-04	<8.91E-05	<3.40E-05	<2.40E-05	<4.76E-05	<2.95E-05	<1.76E-05	<3.76E-05
Interface Flux (mg/m2-min)			mg/m2-min	<3.95E-03	0.003	<1.20E-03	<5.96E-03	<4.60E-04	<1.30E-03	<1.12E-03	<4.28E-03	<1.29E-03	<3.32E-04	<1.05E-03	<3.71E-04	<3.68E-04	<6.10E-04	<3.42E-04	<2.11E-04	<2.31E-03	<1.16E-03	<4.78E-05	<3.48E-03	<4.07E-05	<5.29E-04	<1.62E-04	<2.27E-03	<4.54E-04	<4.76E-04	<5.60E-04	<1.73E-04
Road Flux (mg/m2-min)			mg/m2-min	0.00108	0.00209	<1.62E-04	0.00041	<5.79E-05	<3.31E-05	<3.31E-05	<5.83E-05	<1.59E-04	<9.00E-05	<8.49E-05	<7.60E-05	<3.31E-05	<4.00E-05	<7.60E-05	<7.60E-05	<2.55E-05	<3.56E-05	0.00041	<3.12E-05	<3.80E-05	<4.00E-05	<1.92E-05	<1.35E-05	<2.69E-05	<1.59E-05	<9.93E-06	<2.01E-05

Table 5.5 Site Surface Emissions Summary; CO2, Methane, VOC, TO-14 and 307-91 Compounds. Revised (New) Protocol Data Analysis.

							TO-14 Compounds				307-91 Compounds			
Category		**Units**	**Carbon Dioxide**	**Methane**	**VOC**	**Benzene TO-14**	**Toluene TO-14**	**n-propylbenzene TO-14**	**Propane TO-14**	**Dimethyl Sulfide**	**Dimethyl Disulfide**	**Hydrogen Sulfide**	**Methyl Mercaptan**
Exceedance Area		TPY	10,358	773	1.19	<1.43E-02	<3.15E-02	<8.06E-02	0.038	<4.27E-02	<3.98E-02	<1.44E-02	<1.90E-02
Membrane	High	TPY	<2.10E+03	<2.24E+00	<9.32E+00	<1.23E+00	<4.41E-01	<2.18E-01	0.012	<1.90E-01	<1.35E-01	<8.44E-03	<1.19E-02
Membrane	Low	TPY	12,559	8.16	0.17	0.012	0.019	0.012	0.029	0.072	0.109	<3.93E-02	<5.54E-02
Known Bad Cells	High	TPY	<1.19E+02	<1.03E-01	0.29	0.033	0.024	<8.39E-03	0.0007	0.043	<1.67E-02	<3.49E-04	<4.92E-04
Known Bad Cells	Low	TPY	47	0.050	<4.71E-02	<3.48E-03	<4.92E-04	<1.54E-04	<1.07E-03	<7.89E-03	<1.62E-03	<4.93E-04	<6.95E-04
Interface	High	TPY	<2.45E+02	0.49	0.14	0.037	0.010	0.004	<1.62E-03	<4.94E-03	<3.20E-03	<1.16E-03	<1.63E-03
Interface	Med	TPY	1,088	114	0.049	<7.96E-04	<1.96E-03	<2.93E-03	<1.29E-03	<2.71E-03	<4.11E-03	<1.49E-03	<2.10E-03
Interface	Low	TPY	13,129	4,584	3.30	<2.91E-02	<3.22E-01	<5.91E-01	0.018	<2.44E-02	<1.54E-02	<1.43E-02	<1.68E-02
Non-Reaction Area	High	TPY	3,010	<1.08E+00	<3.03E-01	<3.58E-03	<1.03E-02	<1.27E-02	<1.16E-02	<2.14E-02	<3.24E-02	<1.65E-02	<1.66E-02
Non-Reaction Area	Med	TPY	40,322	<3.02E+02	<3.27E+00	<1.68E-02	<1.18E-02	<4.49E-02	<5.18E-02	<4.74E-02	<7.18E-02	<6.60E-02	<3.67E-02
Non-Reaction Area	Low	TPY	14,330	<7.91E+00	<8.83E-01	<2.85E-02	<1.33E-02	<1.35E-02	<3.16E-02	<7.86E-02	<1.19E-01	<4.31E-02	<6.08E-02
Non SEM Area		TPY	<4.42E+03	<2.63E+02	<8.60E-01	<6.38E-02	<4.02E-02	<4.49E-02	<8.90E-03	<2.43E-02	<2.49E-02	<9.33E-03	<1.01E-02
Total		**TPY**	**<1.02E+05**	**<6.06E+03**	**<1.98E+01**	**<1.47E+00**	**<9.25E-01**	**<1.03E+00**	**<2.05E-01**	**<5.59E-01**	**<5.73E-01**	**<2.15E-01**	**<2.32E-01**
Exceedance Area		TPY	10,358	773	1.19	<1.43E-02	<3.15E-02	<8.06E-02	0.038	<4.27E-02	<3.98E-02	<1.44E-02	<1.90E-02
Membrane		TPY	<1.48E+04	<1.05E+01	<9.78E+00	<1.27E+00	<4.84E-01	<2.39E-01	0.042	<3.04E-01	<2.61E-01	<4.81E-02	<6.79E-02
Interface		TPY	<1.45E+04	4,698	3.49	<6.67E-02	<3.34E-01	<5.98E-01	<2.06E-02	<3.20E-02	<2.27E-02	<1.70E-02	<2.05E-02
Non-Reaction Area		TPY	57,662	<3.11E+02	<4.45E+00	<4.89E-02	<3.55E-02	<7.12E-02	<9.51E-02	<1.47E-01	<2.23E-01	<1.26E-01	<1.14E-01
Anomalous Cells		TPY	<1.67E+02	<1.53E-01	<3.39E-01	<3.61E-02	<2.46E-02	<8.55E-03	<1.78E-03	<5.04E-02	<1.84E-02	<8.41E-04	<1.19E-03
Average Flux (mg/m2-min)		mg/m2-min	<1.46E+02	<8.72E+00	<2.85E-02	<2.12E-03	<1.33E-03	<1.49E-03	<2.95E-04	<8.04E-04	<8.25E-04	<3.09E-04	<3.34E-04
Non-Reaction Area Flux (mg/m2-m)		mg/m2-min	130	<7.01E-01	<1.00E-02	<1.10E-04	<7.99E-05	<1.60E-04	<2.14E-04	<3.32E-04	<5.03E-04	<2.83E-04	<2.57E-04
Membrane Flux (mg/m2-min)		mg/m2-min	<1.02E+02	<7.26E-02	<6.63E-02	<8.66E-03	<3.21E-03	<1.61E-03	0.00029	<1.83E-03	<1.70E-03	<3.33E-04	<4.71E-04
Interface Flux (mg/m2-min)		mg/m2-min	<3.03E+02	98	0.073	<1.40E-03	<6.98E-03	<1.25E-02	<4.31E-04	<6.71E-04	<4.76E-04	<3.56E-04	<4.29E-04
Anomalous Cells (mg/m2-min)		mg/m2-min	<3.27E+01	<3.01E-02	<6.66E-02	<7.08E-03	<4.83E-03	<1.68E-03	<3.50E-04	<9.90E-03	<3.60E-03	<1.65E-04	<2.33E-04

Table 5.6 Site Surface Emissions Summary, TO-15 Compounds. Revised (New) Protocol Data Analysis.

Category			Units	Methanol	Acetone	Benzene	2-Butanone (MEK)	Tetrahydrofuran	m,p-Xylenes	Ethylbenzene	Toluene	Isopropyltoluene	Decane	Ethanol	1,2,4-Trimethylbenzene	o-Xylene	Nonane	1,3,5-Trimethylbenzene	4-Ethyltoluene	Propylene	Octane	Acrolein	n-Heptane	2-propanol (Isopropylalcohol)	Naphthalene	Chloroform	Cyclohexane	Hexane	1,2-Dichloroethane	Trichloroethene (TCE)	Chloroethane
Exceedance Area			TPY	0.584	0.164	<1.14E-02	0.014	<1.24E-03	<2.30E-02	<1.83E-02	<2.51E-02	<3.33E-02	<1.05E-02	0.084	<6.36E-03	<2.00E-02	<1.36E-02	<8.36E-03	<1.12E-02	<1.50E-02	<7.91E-03	<1.15E-02	<4.54E-03	<1.07E-02	<3.34E-03	<5.70E-03	<2.22E-03	<4.12E-03	<1.65E-03	<8.30E-04	<2.18E-03
Membrane		High	TPY	0.297	0.538	1.001	0.426	0.579	<5.87E-01	<5.50E-01	<3.85E-01	<5.73E-02	<2.77E-01	0.083	0.231	<1.74E-01	<1.07E-01	<1.24E-01	<1.20E-01	0.018	<6.58E-02	<1.00E-02	<1.51E-02	0.047	<6.49E-03	<1.01E-03	<7.09E-04	<1.41E-03	<8.34E-04	<5.21E-04	<1.54E-03
Membrane		Low	TPY	0.187	0.176	0.040	0.011	0.005	0.008	0.008	0.014	0.021	0.022	0.052	0.019	0.008	0.010	0.019	0.019	0.0032	0.0087	<1.24E-02	0.008	0.0093	<9.75E-03	<4.68E-03	<3.30E-03	<6.56E-03	<3.88E-03	<2.42E-03	<4.91E-03
Known Bad Cells		High	TPY	0.021	0.016	0.100	0.030	0.052	<3.64E-02	<3.52E-02	<3.27E-02	<3.96E-02	<2.36E-02	0.006	<1.16E-02	<1.44E-02	<1.40E-02	<4.51E-03	<4.35E-03	<2.60E-03	<6.57E-03	0.00040	<1.46E-03	0.0021	<8.66E-05	<4.15E-05	<2.93E-05	<5.82E-05	<5.58E-05	<2.15E-05	<4.36E-05
Known Bad Cells		Low	TPY	0.039	0.018	<1.84E-03	<1.21E-02	<9.92E-03	<1.01E-04	<1.01E-04	<1.78E-04	<9.65E-04	<2.76E-04	<7.17E-03	<2.33E-04	<1.01E-04	<1.22E-04	<2.33E-04	<2.33E-04	<4.50E-04	<1.09E-04	<3.55E-04	<9.56E-05	<2.26E-03	<1.22E-04	<5.87E-05	<4.14E-05	<8.22E-05	<4.87E-05	<3.04E-05	<6.15E-05
Interface		High	TPY	<1.65E-03	0.0024	0.025	<1.62E-04	<4.67E-04	<3.57E-03	<8.47E-04	<7.46E-03	0.0030	<2.06E-03	0.011	<5.47E-04	<2.38E-04	<1.44E-03	<5.47E-04	<1.00E-03	0.002	<6.84E-04	<1.26E-04	<1.32E-03	<2.73E-04	<2.87E-04	<1.38E-04	<9.72E-05	<7.79E-04	<1.14E-04	<7.14E-05	<1.45E-04
Interface		Med	TPY	0.141	0.0075	<2.09E-03	<6.60E-04	<1.07E-04	<3.06E-04	<3.06E-04	<5.39E-04	<8.18E-03	<8.32E-04	<5.93E-03	<7.03E-04	<3.06E-04	<3.70E-04	<7.03E-04	<7.03E-04	<1.04E-02	<3.29E-04	<3.88E-04	<1.49E-03	<3.52E-04	<2.36E-02	<2.69E-03	<2.18E-03	<4.82E-04	<2.44E-04	<1.10E-04	<7.28E-04
Interface		Low	TPY	0.046	0.140	0.030	0.284	<2.14E-02	<5.83E-02	<5.23E-02	<1.97E-01	<5.05E-02	<1.30E-02	<3.31E-02	<1.65E-02	<1.70E-02	<2.73E-02	<1.51E-02	<8.40E-03	<9.79E-02	<5.46E-02	<1.77E-03	<1.63E-01	<1.32E-03	<1.39E-03	<4.90E-03	<1.06E-01	<2.04E-02	<2.24E-02	<2.66E-02	<7.38E-03
Non-Reaction Area		High	TPY	0.828	0.254	0.104	0.026	<8.43E-04	<2.41E-03	<2.41E-03	<4.25E-03	<2.10E-02	<6.56E-03	<2.94E-02	<5.54E-03	<2.41E-03	<2.91E-03	<5.54E-03	<5.54E-03	0.011	<2.59E-03	0.039	<2.28E-03	<1.02E-02	<2.91E-03	<1.40E-03	<9.85E-04	<4.34E-03	<1.16E-03	<7.23E-04	<1.46E-03
Non-Reaction Area		Med	TPY	0.469	0.339	0.155	<1.62E-02	<1.88E-03	<5.35E-03	<5.35E-03	<9.42E-03	<1.11E-01	<1.36E-01	<6.01E-02	<1.23E-02	<5.35E-03	<7.97E-03	<1.23E-02	<1.23E-02	<2.94E-02	<5.75E-03	<3.17E-02	<1.14E-02	<9.25E-03	<4.07E-02	<7.12E-02	<2.69E-02	<4.54E-03	<2.57E-03	<1.60E-03	<3.25E-03
Non-Reaction Area		Low	TPY	2.360	0.523	<3.49E-02	<7.34E-02	<3.10E-03	<8.86E-03	<8.86E-03	<1.56E-02	<3.37E-02	<2.41E-02	<1.13E-01	<2.04E-02	<8.86E-03	<1.07E-02	<2.04E-02	<2.04E-02	<1.62E-02	<9.53E-03	0.044	<8.36E-03	<1.02E-02	<1.07E-02	<5.13E-03	<3.62E-03	<7.19E-03	<4.26E-03	<2.66E-03	<5.38E-03
Non SEM Area			TPY	<2.26E-01	0.099	<6.84E-02	<4.06E-02	<3.06E-02	<3.33E-02	<3.09E-02	<3.14E-02	<1.72E-02	<2.34E-02	<2.20E-02	<1.47E-02	<1.14E-02	<8.85E-03	<9.56E-03	<9.20E-03	<9.39E-03	<7.38E-03	<6.88E-03	<9.85E-03	<4.66E-03	<4.51E-03	<4.40E-03	<6.63E-03	<2.27E-03	<1.69E-03	<1.62E-03	<1.23E-03
Total			**TPY**	**<5.20E+00**	**2.277**	**<1.57E+00**	**<9.35E-01**	**<7.05E-01**	**<7.67E-01**	**<7.13E-01**	**<7.23E-01**	**<3.97E-01**	**<5.40E-01**	**<5.06E-01**	**<3.38E-01**	**<2.62E-01**	**<2.04E-01**	**<2.20E-01**	**<2.12E-01**	**<2.16E-01**	**<1.70E-01**	**<1.59E-01**	**<2.27E-01**	**<1.07E-01**	**<1.04E-01**	**<1.01E-01**	**<1.53E-01**	**<5.23E-02**	**<3.89E-02**	**<3.72E-02**	**<2.83E-02**
Exceedance Area			TPY	0.584	0.164	<1.14E-02	0.014	<1.24E-03	<2.30E-02	<1.83E-02	<2.51E-02	<3.33E-02	<1.05E-02	0.084	<6.36E-03	<2.00E-02	<1.36E-02	<8.36E-03	<1.12E-02	<1.50E-02	<7.91E-03	<1.15E-02	<4.54E-03	<1.07E-02	<3.34E-03	<5.70E-03	<2.22E-03	<4.12E-03	<1.65E-03	<8.30E-04	<2.18E-03
Membrane			TPY	0.504	0.730	1.141	0.468	0.635	<6.32E-01	<5.93E-01	<4.32E-01	<1.18E-01	<3.23E-01	0.141	0.261	<1.97E-01	<1.30E-01	<1.47E-01	<1.43E-01	0.024	<8.10E-02	<2.28E-02	<2.42E-02	0.058	<1.63E-02	<5.73E-03	<4.04E-03	<8.02E-03	<4.77E-03	<2.97E-03	<6.49E-03
Interface			TPY	<1.89E-01	0.150	<5.71E-02	<2.85E-01	<2.20E-02	<6.21E-02	<5.34E-02	<2.05E-01	<6.17E-02	<1.59E-02	<5.00E-02	<1.77E-02	<1.76E-02	<2.91E-02	<1.64E-02	<1.01E-02	<1.10E-01	<5.56E-02	<2.28E-03	<1.66E-01	<1.94E-03	<2.53E-02	<7.73E-03	<1.08E-01	<2.17E-02	<2.28E-02	<2.68E-02	<8.26E-03
Non-Reaction Area			TPY	3.657	1.116	<2.94E-01	<1.16E-01	<5.82E-03	<1.66E-02	<1.66E-02	<2.93E-02	<1.66E-01	<1.67E-01	<2.03E-01	<3.82E-02	<1.66E-02	<2.16E-02	<3.82E-02	<3.82E-02	<5.67E-02	<1.79E-02	<1.15E-01	<2.20E-02	<2.97E-02	<5.43E-02	<7.78E-02	<3.15E-02	<1.61E-02	<7.98E-03	<4.98E-03	<1.01E-02
Anomalous Cells			TPY	0.060	0.034	<1.01E-01	<4.25E-02	<6.18E-02	<3.65E-02	<3.53E-02	<3.29E-02	<4.06E-02	<2.38E-02	<1.30E-02	<1.18E-02	<1.45E-02	<1.41E-02	<4.74E-03	<4.58E-03	<3.05E-03	<6.68E-03	<7.53E-04	<1.55E-03	<4.31E-03	<2.09E-04	<1.00E-04	<7.07E-05	<1.40E-04	<1.04E-04	<5.19E-05	<1.05E-04
Average Flux (mg/m2-min)			mg/m2-min	<7.49E-03	0.0033	<2.27E-03	<1.35E-03	<1.01E-03	<1.10E-03	<1.03E-03	<1.04E-03	<5.71E-04	<7.77E-04	<7.29E-04	<4.87E-04	<3.78E-04	<2.93E-04	<3.17E-04	<3.05E-04	<3.11E-04	<2.45E-04	<2.28E-04	<3.27E-04	<1.54E-04	<1.50E-04	<1.46E-04	<2.20E-04	<7.52E-05	<5.60E-05	<5.35E-05	<4.08E-05
Non-Reaction Area Flux (mg/m2-m)			mg/m2-min	0.008	0.0025	<6.62E-04	<2.61E-04	<1.31E-05	<3.74E-05	<3.74E-05	<6.59E-05	<3.74E-04	<3.76E-04	<4.57E-04	<8.60E-05	<3.74E-05	<4.86E-05	<8.60E-05	<8.60E-05	<1.28E-04	<4.03E-05	<2.58E-04	<4.95E-05	<6.68E-05	<1.22E-04	<1.75E-04	<7.10E-05	<3.62E-05	<1.80E-05	<1.12E-05	<2.27E-05
Membrane Flux (mg/m2-min)			mg/m2-min	0.003	0.0050	0.0073	0.0031	0.0041	<4.16E-03	<3.90E-03	<2.79E-03	<5.45E-04	<2.09E-03	0.0009	0.0017	<1.27E-03	<8.14E-04	<9.98E-04	<9.68E-04	0.00015	<5.20E-04	<1.56E-04	<1.59E-04	0.00039	<1.13E-04	<3.97E-05	<2.80E-05	<5.57E-05	<3.29E-05	<2.06E-05	<4.50E-05
Interface Flux (mg/m2-min)			mg/m2-min	<3.95E-03	0.0031	<1.20E-03	<5.96E-03	<4.60E-04	<1.30E-03	<1.12E-03	<4.28E-03	<1.29E-03	<3.32E-04	<1.05E-03	<3.71E-04	<3.68E-04	<6.10E-04	<3.42E-04	<2.11E-04	<2.31E-03	<1.16E-03	<4.78E-05	<3.48E-03	<4.07E-05	<5.29E-04	<1.62E-04	<2.27E-03	<4.54E-04	<4.76E-04	<5.60E-04	<1.73E-04
Anomalous Cells (mg/m2-min)			mg/m2-min	0.012	0.0067	<1.99E-02	<8.34E-03	<1.21E-02	<7.17E-03	<6.93E-03	<6.45E-03	<7.96E-03	<4.68E-03	<2.55E-03	<2.32E-03	<2.85E-03	<2.77E-03	<9.31E-04	<8.99E-04	<5.98E-04	<1.31E-03	<1.48E-04	<3.05E-04	<8.47E-04	<4.10E-05	<1.97E-05	<1.39E-05	<2.76E-05	<2.05E-05	<1.02E-05	<2.06E-05

Observaciones Basadas en Datos

Tendencia de los Datos Globales

La Tabla 5.7 proporciona un comparativo de los índices de emisiones en todo el sitio (en toneladas/año) para los productos químicos seleccionados de los eventos de prueba de la cámara de flujo de agosto de 2023, marzo de 2024, noviembre de 2024, marzo de 2025, julio de 2025, noviembre de 2025 y marzo de 2026. Estos datos demuestran que aunque hubo un importante aumento en las emisiones desde el Primer al Segundo evento de Prueba, resultantes de condiciones alteradas importantes que ocurrieron durante el Segundo Evento de Prueba, los resultados del Tercer, Cuarto, Quinto, Sexto y Séptimo Evento de Prueba indicaron una reducción sustancial en las emisiones si se lo compara con los eventos previos, para la mayoría de los compuestos especiados analizados. Esta tendencia probablemente es el resultado de mejoras en la recuperación de gas y en los sistemas de las cubiertas del Vertedero. Se debe tener en cuenta que en la mayoría de los compuestos especiado, los resultados de laboratorio estuvieron cerca o por debajo del límite de detección del método. Por lo tanto, probablemente habrá mayores reducciones limitadas en las emisiones cuantificables de esos compuestos en futuros eventos, debido a las limitaciones en la realización de análisis químicos de las muestras de gas. Estos resultados son de la metodología de análisis de datos del "Protocolo de Legado".

Durante la Séptima Prueba, hubo emisiones más altas en algunos constituyentes, que incluyen dióxido de carbono, metano, VOCs totales y ciertos VOCs individuales que en el Sexto Evento de Prueba, pero casi todos los compuestos estuvieron por debajo del Primer y Segundo Evento de Prueba. Estas emisiones no fueron inesperadas debido a las condiciones operativas del sitio descritas a continuación.

En base a un análisis de los resultados del flujo, la siguiente lista priorizada incluye las celdas de las cuadrículas que contribuyeron a la mayoría de los niveles de flujo detectados durante el Séptimo evento de prueba:

1. Celda 155 de la Cuadrícula - 10 veces más emisiones de metano que en cualquier otra celda evaluada.
2. Celda 181 de la Cuadrícula - Las emisiones totales de VOC más altas.
3. Celda 171 de la Cuadrícula - Conocida como la celda de alta presión, que tuvo las emisiones más altas de benceno y azufre.
4. Celda 199 de la Cuadrícula - Fue el emisor de CO2 más alto.
5. Celdas 181 y 171 de la Cuadrícula - mostraron las emisiones de compuestos tóxicos más altas.

Revisamos el sistema de recolección de LFG, el cobertor y otra información operativa para evaluar si había condiciones anómalas en el sitio que pudieran haber sido afectadas por las lecturas de flujo en estas celdas de la cuadrícula.

- Durante el evento de prueba, la Celda 155 de la Cuadrícula pudo haber tenido un sistema de recuperación de gas con funcionamiento limitado.

- En la Celda de la Cuadrícula 181 se registraron dos excedencias instantáneas el 19 de marzo de 2026 en los pozos CV-2337 y CV-2352. Se compactó la tierra alrededor de ambos pozos como acción correctiva por las excedencias del SEM, pero esta acción correctiva no ocurrió hasta después de haberse analizado el flujo de la celda de la cuadrícula.

- En la Celda 171 de la Cuadrícula, el pozo de extracción CV-2304 fue un pozo de presión positiva que se monitoreó el 19 de marzo de 2026. Los técnicos no pudieron mantener el pozo bajo vacío hasta el 26 de marzo de 2026 después de que ya se había completado la prueba de flujo.

Table 5.7 Comparison of Site-wide Surface Air Emissions (tons/yr) for the Seven Test Events.

		Test Event						
		1	2	3	4	5	6	7
Compound	**Units**	**Aug-23**	**Mar-24**	**Nov-24**	**Mar-25**	**Jul-25**	**Nov-25**	**Mar-26**
Carbon dioxide	tons/yr	41,312	327,049	216,177	100,526	46,702	92,157	98,854
Methane	tons/yr	3,357	11,456	6,880	4,756	285	2,979	6,055
Total VOC	tons/yr	207	853	61	26	2.6	4.39	19.04
Methanol	tons/yr	9.09	<4	0.51	0.79	0.45	0.34	5.59
Acetone	tons/yr	17.64	50.66	1.30	1.38	0.54	0.69	2.33
Benzene	tons/yr	9.33	104.31	0.27	0.90	0.14	0.20	2.05
Total Xylenes	tons/yr	1.52	9.79	0.30	0.48	0.08	0.10	1.17
2-Butanone (MEK)	tons/yr	9.06	51.20	0.24	0.30	0.07	0.14	1.15
Tetrahydrofuran	tons/yr	13.62	106.99	0.06	0.23	0.01	0.12	1.02
Dimethyl Sulfide	tons/yr	15.16	57.90	0.93	0.95	ND	0.84	0.91
Toluene	tons/yr	2.00	18.64	0.22	0.29	0.06	0.11	0.85
Ethylbenzene	tons/yr	1.14	10.07	0.16	0.20	0.03	0.05	0.80
Isopropyltoluene	tons/yr	3.72	15.23	0.18	0.51	<0.05	0.14	0.72
Nonane	tons/yr	<0.1	<4	<0.05	<0.05	<0.05	0.05	0.28
Propylene (Corrected)	tons/yr	6.62	29.82	0.69	0.41	0.05	0.08	0.24
n-Heptane	tons/yr	<0.1	<4	<0.05	<0.05	<0.05	0.05	0.23
Hydrogen Sulfide	tons/yr	0.13	3.81	0.72	0.24	0.15	0.40	0.21
Octane	tons/yr	<0.1	<4	<0.05	<0.05	<0.05	0.05	0.20
Acrolein	tons/yr	NA	NA	NA	NA	0.05	0.07	0.16
Cyclohexane	tons/yr	<0.1	<4	<0.05	<0.05	<0.05	0.03	0.15
Chloroform	tons/yr	<0.1	<4	<0.05	<0.05	<0.05	0.05	0.10
Hexane	tons/yr	<0.1	<4	<0.05	<0.05	<0.05	0.09	0.05
1,2-Dichloroethane	tons/yr	<0.1	<4	<0.05	<0.05	<0.05	0.02	0.04
Trichloroethene (TCE)	tons/yr	<0.1	<4	<0.05	<0.05	<0.05	1.07	0.04
Chloroethane	tons/yr	<0.1	<4	<0.05	<0.05	<0.05	0.03	0.03
NA = Not Analyzed								

Hipótesis para el Cálculo del Límite de Detección del Método

Todas las emisiones informadas oficialmente se calcularon en base al uso de la mitad del límite de detección del método (MDL) para la concentración cuando no se detecta un compuesto (ND = MDL/2). La Tabla 5.8 muestra el impacto de esta hipótesis comparando los datos de ½ MDL con un cálculo en el que se asume que un compuesto "No Detectado" es un valor de cero (ND = 0). Las emisiones de los compuestos resaltados en azul son las más impactadas por esta hipótesis.

Tabla 5.8 Comparativo de la Hipótesis para el Cálculo del Límite de Detección del Método (Los compuestos más impactados están sombreados).

Compuesto	Unidades	ND=MDL/2	ND=0	%ND
Dióxido de carbono	toneladas/año	98,853.69	98,696.24	0.2%
Metano	toneladas/año	6,055.14	6,053.42	0.0%
VOC	toneladas/año	19.04	18.76	1.4%
Metanol	toneladas/año	5.59	5.59	0.0%
Acetona	toneladas/año	2.33	2.33	0.0%
Benceno	toneladas/año	2.05	2.02	1.5%
2-Butanona (MEK)	toneladas/año	1.15	1.14	0.4%
Tetrahidrofurano	toneladas/año	1.02	1.01	0.9%
m,p-Xyleno	toneladas/año	0.85	0.82	3.5%
Etilbenceno	toneladas/año	0.80	0.77	3.7%
Tolueno	toneladas/año	0.85	0.80	6.1%
Isopropiltolueno	toneladas/año	0.72	0.68	6.0%
Decano	toneladas/año	0.63	0.55	12.3%
Etanol	toneladas/año	0.58	0.56	2.6%
1,2,4-Trimetilbenceno	toneladas/año	0.34	0.28	18.9%
o-Xileno	toneladas/año	0.32	0.29	9.3%
Nonano	toneladas/año	0.28	0.25	12.4%
1,3,5-Trimetilbenceno	toneladas/año	0.21	0.14	32.0%
4-Etiltolueno	toneladas/año	0.20	0.13	34.0%
Propileno	toneladas/año	0.24	0.23	2.0%
Octano	toneladas/año	0.20	0.17	15.9%
Acroleína	toneladas/año	0.16	0.16	1.4%
n-Heptano	toneladas/año	0.23	0.21	11.1%
2-propanol (alcohol isopropílico)	toneladas/año	0.13	0.10	21.1%
Naftalina	toneladas/año	0.10	0.07	34.9%
Cloroformo	toneladas/año	0.10	0.09	15.1%
Ciclohexano	toneladas/año	0.15	0.14	7.5%
Hexano	toneladas/año	0.05	0.03	44.1%
1,2-Dicloroetano	toneladas/año	0.04	0.02	37.8%
Tricloroeteno (TCE)	toneladas/año	0.04	0.03	25.0%
Cloroetano	toneladas/año	0.03	0.01	67.4%
TO-14				
Benceno TO-14	toneladas/año	1.29	1.26	2.5%
Tolueno TO-14	toneladas/año	0.96	0.92	3.8%
n-propilbenceno TO-14	toneladas/año	1.02	0.98	3.9%
Propano TO-14	toneladas/año	0.21	0.20	4.5%
307- -91				
Sulfuro de Dimetilo	toneladas/año	0.91	0.66	27.6%
Sulfuro de Dimetilo	toneladas/yardas	0.65	0.25	61.4%
Ácido Sulfhídrico	toneladas/yardas	0.21	0.08	63.7%
Metilmercaptano	toneladas/año	0.22	0.01	94.6%

Emisiones de la Membrana

La Tabla 5.9 muestra las emisiones de la membrana comparadas con las emisiones totales. Los compuestos con las emisiones de membrana de porcentaje alto pueden ser permeables por la membrana. Sin embargo, se debe tener en cuenta que varios de estos compuestos, como se muestra arriba, están dominados sin detecciones, lo que significa que las emisiones masivas informadas de estos constituyentes son dominadas por la hipótesis de que una no detección es igual en valor a la mitad del límite de detección. Este nivel de No Detecciones para el Total de Emisiones en la Membrana también demuestra la efectividad de las medidas de mitigación de Chiquita para mejorar las emisiones. Por lo tanto, se incita a tener precaución con las conclusiones sacadas para esos compuestos.

Tabla 5.9 Comparativo del Total de Emisiones con las Emisiones de la Membrana.

Compuesto	Unidades	Total en el Sitio Las emisiones	Membrana Las emisiones	% de Membrana
Dióxido de carbono	toneladas/año	98,853.69	12,079.09	12%
Metano	toneladas/año	6,055.14	8.83	0%
VOC	toneladas/año	19.04	9.09	48%
Metanol	toneladas/año	5.59	0.92	16%
Acetona	toneladas/año	2.33	0.80	34%
Benceno	toneladas/año	2.05	1.60	78%
2-Butanona (MEK)	toneladas/año	1.15	0.68	59%
Tetrahidrofurano	toneladas/año	1.02	0.95	93%
m,p-Xyleno	toneladas/año	0.85	0.71	84%
Etilbenceno	toneladas/año	0.80	0.68	85%
Tolueno	toneladas/año	0.85	0.56	65%
Isopropiltolueno	toneladas/año	0.72	0.43	60%
Decano	toneladas/año	0.63	0.41	65%
Etanol	toneladas/año	0.58	0.22	38%
1,2,4-Trimetilbenceno	toneladas/año	0.34	0.27	78%
o-Xileno	toneladas/año	0.32	0.25	79%
Nonano	toneladas/año	0.28	0.21	73%
1,3,5-Trimetilbenceno	toneladas/año	0.21	0.13	65%
4-Etiltolueno	toneladas/año	0.20	0.13	66%
Propileno	toneladas/año	0.24	0.04	18%
Octano	toneladas/año	0.20	0.11	55%
Acroleína	toneladas/año	0.16	0.02	14%
n-Heptano	toneladas/año	0.23	0.03	13%
2-propanol (alcohol isopropílico)	toneladas/año	0.13	0.08	62%
Naftalina	toneladas/año	0.10	0.01	13%
Cloroformo	toneladas/año	0.10	0.01	5%
Ciclohexano	toneladas/año	0.15	0.00	2%
Hexano	toneladas/año	0.05	0.01	14%
1,2-Dicloroetano	toneladas/año	0.04	0.00	11%
Tricloroeteno (TCE)	toneladas/año	0.04	0.00	7%
Cloroetano	toneladas/año	0.03	0.01	20%
TO-14				
Benceno TO-14	toneladas/año	1.29	1.11	86%
Tolueno TO-14	toneladas/año	0.96	0.52	54%
n-propilbenceno TO-14	toneladas/año	1.02	0.22	22%
Propano TO-14	toneladas/año	0.21	0.05	22%
307- -91				
Sulfuro de Dimetilo	toneladas/año	0.91	0.65	71%
Disulfuro de Dimetilo	toneladas/año	0.65	0.34	52%
Ácido Sulfhídrico	toneladas/año	0.21	0.04	20%
Metilmercaptano	toneladas/año	0.22	0.06	27%

Impacto del Protocolo Revisado (Nuevo)

En base a la información del personal del SCAQMD, se introdujo una nueva categoría del origen para las muestras del sitio y los análisis de datos. La Tabla 5.10 muestra los resultados de las emisiones del aire utilizando el Protocolo de Legado, a diferencia de calcular los datos en base al Protocolo Revisado (Nuevo). Este cambio no afecta la mayoría de los compuestos para este evento de muestreo. Los datos se comparan cuantitativamente utilizando una diferencia de porcentaje relativa (RPD). Los compuestos que tienen RPDs que exceden el 30% (el límite normal de significancia) están resaltados en azul.

Tabla 5.10 Comparativo del Total de Emisiones Determinado por el Protocolo de Legado Comparado con el Protocolo Revisado (Nuevo).

Compuesto	Unidades	Protocolo de Legado Total del Sitio Las emisiones	Protocolo Nuevo Total del Sitio Las emisiones	RPD
Dióxido de carbono	toneladas/año	98,853.69	101,720.40	3%
Metano	toneladas/año	6,055.14	6,056.94	0%
VOC	toneladas/año	19.04	19.81	4%
Metanol	toneladas/año	5.59	5.20	-7%
Acetona	toneladas/año	2.33	2.28	-2%
Benceno	toneladas/año	2.05	1.57	-26%
2-Butanona (MEK)	toneladas/año	1.15	0.94	-20%
Tetrahidrofurano	toneladas/año	1.02	0.70	-37%
m,p-Xyleno	toneladas/año	0.85	0.77	-10%
Etilbenceno	toneladas/año	0.80	0.71	-11%
Tolueno	toneladas/año	0.85	0.72	-16%
Isopropiltolueno	toneladas/año	0.72	0.40	-58%
Decano	toneladas/año	0.63	0.54	-16%
Etanol	toneladas/año	0.58	0.51	-14%
1,2,4-Trimetilbenceno	toneladas/año	0.34	0.34	-2%
o-Xileno	toneladas/año	0.32	0.26	-19%
Nonano	toneladas/año	0.28	0.20	-32%
1,3,5-Trimetilbenceno	toneladas/año	0.21	0.22	6%
4-Etiltolueno	toneladas/año	0.20	0.21	6%
Propileno	toneladas/año	0.24	0.22	-8%
Octano	toneladas/año	0.20	0.17	-16%
Acroleína	toneladas/año	0.16	0.16	0%
n-Heptano	toneladas/año	0.23	0.23	-2%
2-propanol (alcohol isopropílico)	toneladas/año	0.13	0.11	-16%
Naftalina	toneladas/año	0.10	0.10	3%
Cloroformo	toneladas/año	0.10	0.10	1%
Ciclohexano	toneladas/año	0.15	0.15	0%
Hexano	toneladas/año	0.05	0.05	2%
1,2-Dicloroetano	toneladas/año	0.04	0.04	1%
Tricloroeteno (TCE)	toneladas/año	0.04	0.04	1%
Cloroetano	toneladas/año	0.03	0.03	4%
TO-14				
Benceno TO-14	toneladas/año	1.29	1.47	13%
Tolueno TO-14	toneladas/año	0.96	0.93	-4%
n-propilbenceno TO-14	toneladas/año	1.02	1.03	2%
Propano TO-14	toneladas/año	0.21	0.20	-2%
307- -91				
Sulfuro de Dimetilo	toneladas/año	0.91	0.56	-48%
Disulfuro de Dimetilo	toneladas/año	0.65	0.57	-13%
Ácido Sulfhídrico	toneladas/año	0.21	0.21	3%
Metilmercaptano	toneladas/año	0.22	0.23	4%

Desempeño de la Interfaz de las Membranas

Ha habido dudas sobre si la interfaz de cubiertas de membrana/suelo podría tener emisiones más altas. Eventos anteriores han demostrado que éste no es el caso. No obstante, para este evento, hubo un aumento importante en las emisiones en la zona de la interfaz y el metano fue el más significativo por un amplio margen. Como se indicó arriba, este aumento se debió a un problema operativo específico que ocurrió cerca de la Cuadrícula 155 (Observe arriba en la página 33). La Tabla 5.11 muestra el porcentaje del aumento de flujo en la zona de la interfaz, comparado con el flujo en la membrana, para los compuestos identificados. Los compuestos con los aumentos más significativos en la interfaz están resaltados en azul.

Tabla 5.11 Comparativo del Flujo de la Membrana y de la Interfaz de Cobertores de Membrana/Suelo.

		Flujo (mg/m^2- min)		
Compuesto	**Unidades**	**Membrana**	**Interfaz**	**% de Aumento en la Interfaz**
Dióxido de carbono	toneladas/año	12,079.09	14,460.88	20%
Metano	toneladas/año	8.83	4,698.47	53133%
VOC	toneladas/año	9.09	3.49	-62%
Metanol	toneladas/año	0.92	0.19	-80%
Acetona	toneladas/año	0.80	0.15	-81%
Benceno	toneladas/año	1.60	0.06	-96%
2-Butanona (MEK)	toneladas/año	0.68	0.28	-58%
Tetrahidrofurano	toneladas/año	0.95	0.02	-98%
m,p-Xyleno	toneladas/año	0.71	0.06	-91%
Etilbenceno	toneladas/año	0.68	0.05	-92%
Tolueno	toneladas/año	0.56	0.20	-63%
Isopropiltolueno	toneladas/año	0.43	0.06	-86%
Decano	toneladas/año	0.41	0.02	-96%
Etanol	toneladas/año	0.22	0.05	-77%
1,2,4-Trimetilbenceno	toneladas/año	0.27	0.02	-93%
o-Xileno	toneladas/año	0.25	0.02	-93%
Nonano	toneladas/año	0.21	0.03	-86%
1,3,5-Trimetilbenceno	toneladas/año	0.13	0.02	-88%
4-Etiltolueno	toneladas/año	0.13	0.01	-92%
Propileno	toneladas/año	0.04	0.11	159%
Octano	toneladas/año	0.11	0.06	-49%
Acroleína	toneladas/año	0.02	0.00	-90%
n-Heptano	toneladas/año	0.03	0.17	463%
2-propanol (alcohol isopropílico)	toneladas/año	0.08	0.00	-98%
Naftalina	toneladas/año	0.01	0.03	91%
Cloroformo	toneladas/año	0.01	0.01	53%
Ciclohexano	toneladas/año	0.00	0.11	2947%
Hexano	toneladas/año	0.01	0.02	207%
1,2-Dicloroetano	toneladas/año	0.00	0.00	420%
Tricloroeteno (TCE)	toneladas/año	0.00	0.03	926%
Cloroetano	toneladas/año	0.01	0.01	48%
TO-14				
Benceno TO-14	toneladas/año	1.11	0.01	48%
Tolueno TO-14	toneladas/año	0.52	0.33	-35%
n-propilbenceno TO-14	toneladas/año	.22	0.60	168%
Propano TO-14	toneladas/año	0.05	0.02	-56%
307- -91				
Sulfuro de Dimetilo	toneladas/año	0.65	0.03	-95%
Disulfuro de Dimetilo	toneladas/año	0.34	0.02	-93%
Ácido Sulfhídrico	toneladas/año	0.04	0.02	-60%
Metil mercaptano	toneladas/año	0.06	0.02	-66%

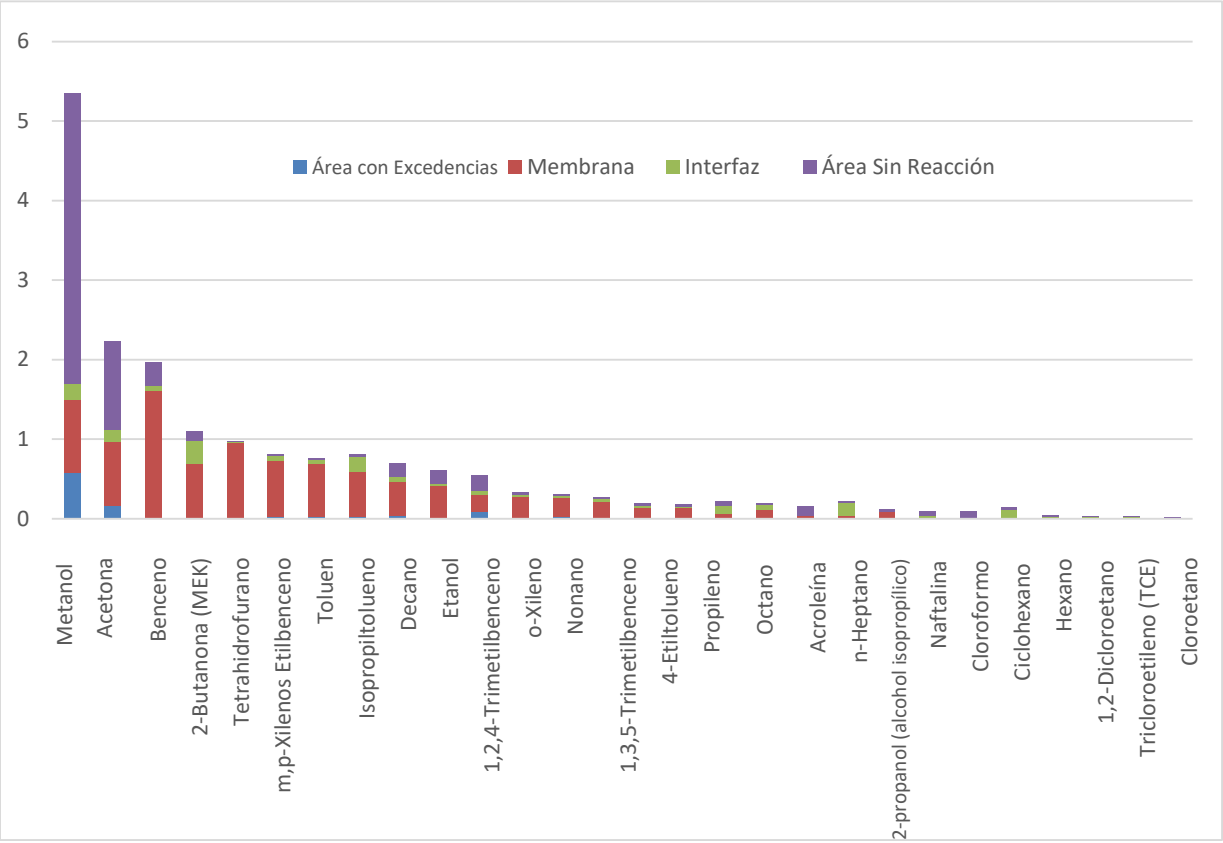
Distribución de Emisiones de Aire por Categoría de Origen

Las emisiones se computan por categoría y las cinco categorías son:

1. Zona de Excesos
2. Zona de Membrana
3. Zona de Interfaz
4. Zona No Reactiva

La Figura 5.1 muestra la distribución de emisiones para los compuestos más especiados TO-15. Este gráfico muestra que las emisiones de metanol y acetona se atribuyen ampliamente a las emisiones de las zonas sin reacción/sin excedencias. Todos los otros compuestos se atribuyen ampliamente a emisiones de las áreas del vertedero con membrana/excedencias.

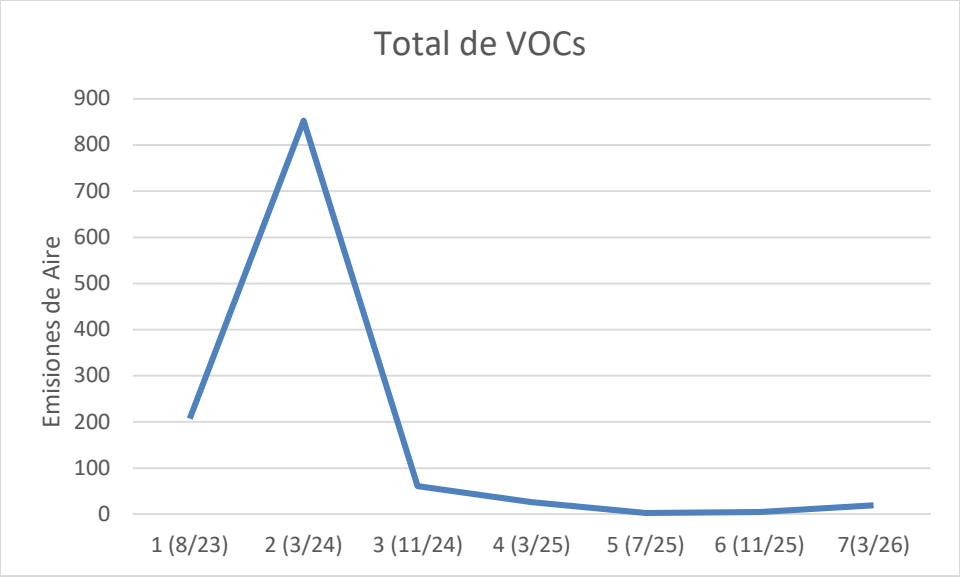
Figura 5.1 Distribución de Emisiones de Aire por Categoría de Origen



Análisis de las Tendencias de los Compuestos Individuales y de los Grupos de Compuestos

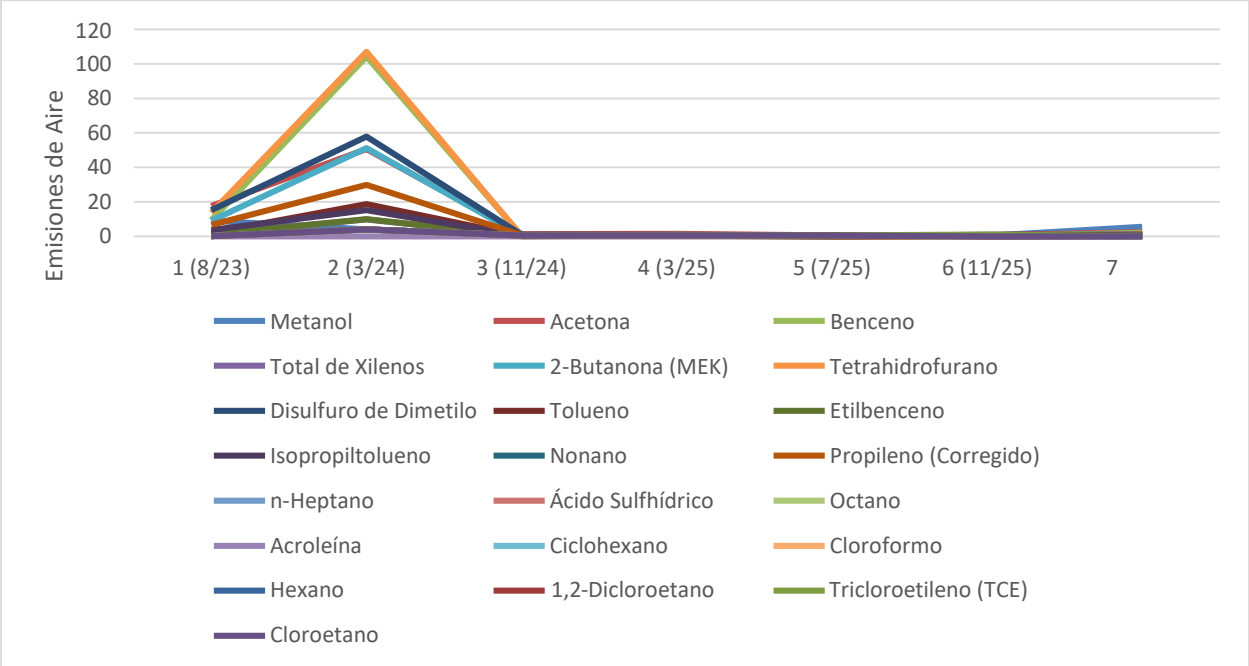
La Figura 5.2 muestra la tendencia de VOCs totales por TO-12 como C1. Gradualmente está tocando fondo después de una profunda reducción entre el Segundo y el Tercer Evento de Prueba.

Figura 5.2 VOC Total de todos los Eventos de Muestreo.



La Figura 5.3 muestra la tendencia de los compuestos tóxicos especiados. Esta figura muestra que las emisiones tóxicas están reteniéndose de forma continua a un nivel bastante bajo entre el Tercer y Séptimo Evento de Prueba. Las futuras emisiones tóxicas probablemente no se desviarán de estos bajos niveles encontrados durante el Tercer, Cuarto, Quinto, Sexto y Séptimo Evento de Prueba.

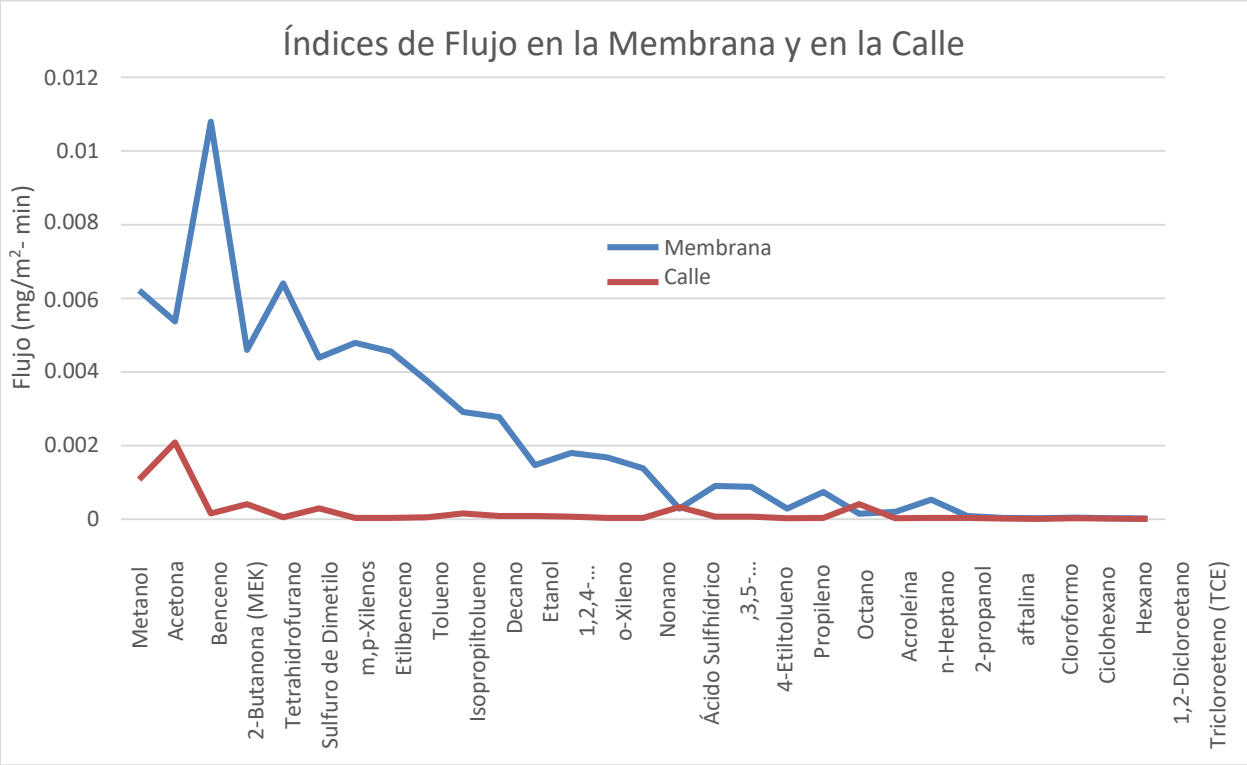
Figura 5.3 Compuestos Tóxicos de los Especiados de todos los Eventos de Muestreo.



Índices de Emisiones Relativas de las Calles

Para este evento de prueba, se analizó una sección de la calle para determinar cómo se comparaba el índice de flujo de los compuestos de la superficie de la calle con la superficie en la membrana. La superficie analizada de la calle no tenía una membrana debajo. La Figura 5.4 muestra cómo se compara el índice de flujo de la calle con el índice de flujo de la membrana para los compuestos de TO-15. La calle tuvo índices de flujo sustancialmente más bajos en la mayoría de los compuestos de TO-15.

Figura 5.4 Flujo de las calles comparado con el flujo de las Membranas con relación a Tóxicos Especiados.

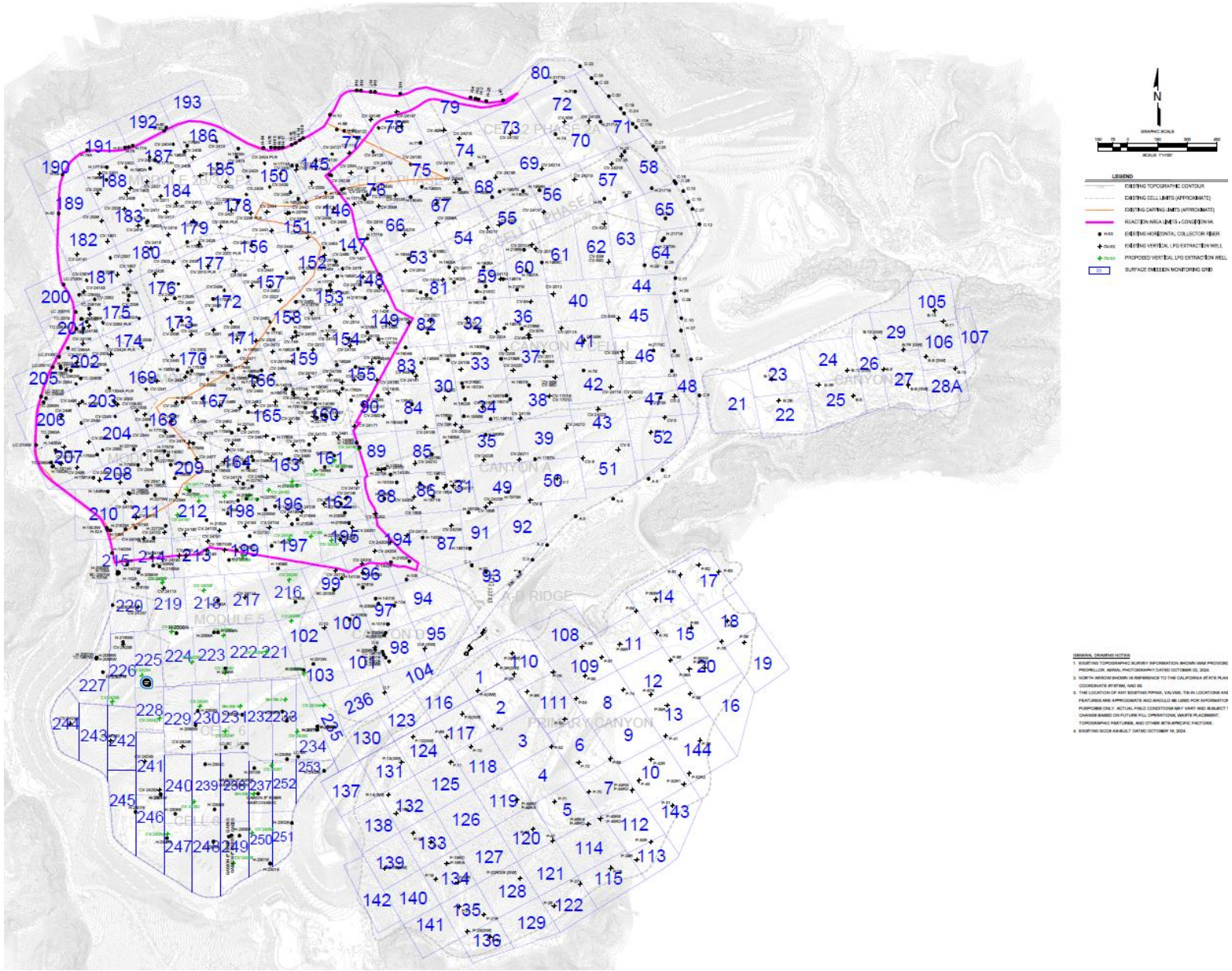


6. Obras Involucradas

Card and Schmidt. *Vertedero de Chiquita Canyon, Castaic, California, Evaluación de Emisiones de Aire Post Remediación de las Superficies del Vertedero, Protocolo para la Toma de Muestras.* Diciembre de 2023

Agencia de Protección Ambiental de EE.UU. (USEPA). 1986. *Medición de Índices de Emisiones de Gases de las Superficies de Tierra Usando una Cámara de Flujo de Aislamiento de Emisiones - Guía del Usuario*, EPA 600/8-86-008 (NTIS PB86-223161).

Appendix 1
Reaction Area Designation Map


N
LEGEND
EXISTING TOPOGRAPHIC CONTOUR
EXISTING CELL LIMITS (APPROXIMATE)
EXISTING CAPPING LIMITS (APPROXIMATE)
REACTION AREA LIMITS (CONDITION IA)
EXISTING HORIZONTAL COLLECTOR WELL
EXISTING VERTICAL LFG EXTRACTION WELL
PROPOSED VERTICAL LFG EXTRACTION WELL
SURFACE EMISSION MONITORING GRID
GENERAL DRAWING NOTES
1. EXISTING TOPOGRAPHIC SURVEY INFORMATION SHOWN WAS PROVIDE
PROPELLOR, AERIAL PHOTOGRAPHY DATED OCTOBER 03, 2024.
2. NORTH ARROW SHOWN IS REFERENCE TO THE CALIFORNIA STATE PLAN
COORDINATE SYSTEM, NAD 83.
3. THE LOCATION OF ANY EXISTING PIPING, VALVES, TIE-IN LOCATIONS AN
FEATURES ARE APPROXIMATE AND SHOULD BE USED FOR INFORMATIO
PURPOSES ONLY. ACTUAL FIELD CONDITIONS MAY VARY AND SUBJECT
CHANGE BASED ON FUTURE FILL OPERATIONS, WASTE PLACEMENT,
TOPOGRAPHIC FEATURES, AND OTHER SITE-SPECIFIC FACTORS.
4. EXISTING SCCR AS-BUILT DATED OCTOBER 16, 2024.

Appendix 2
Grid Cell Field Screening Data

Table 2.1

PreTest Screening Grid Metrics

GRID 87			GRID 211			GRID 212			GRID 155			GRID 163			GRID 188			GRID 172			GRID 171			GRID 181			GRID 199			GRID 134			GRID Road			GRID 31			GRID 116		
270			3000			80			###			600			4			21			25			40			20			5	2	9%	9			1800			117		
250			130			**40**	1	5%	###			14			3			18			20			30			12			5			4			440			32		
180			30			**11**	2	9%	###			12			3			15			10			**16**	3	10%	**12**	2	8%	4			**4**	2	17%	**250**	5	15%	**13**	3	10%
113	3	10%	**23**	7	22%	9			**96**	6	21%	**10**	3	11%	3			14			9			15			6			4			3			120			9		
40			23			8			80			8			**3**		25%	14			**9**	5	20%	11			6			4			3			70			7		
20			17			8			70			**8**	5	18%	3			14			9			**10**	4	14%	5			**4**		30%	3			60			6		
20	5	17%	15			8			50			8			3			**13**	7	###	**6**	1	4%	9			5			4			**3**		42%	45			**4**	4	13%
12			14			7			25			7			3			11			3			9			5			4			3			**19**	4	12%	4		
12			13			7			20			7			3			9			3			7			5			4			3			15			3		
8			10			**7**	19	86%	**20**	4	14%	6			3			9			3			6			5			4			**3**		42%	9			3		
8			9			7			19			6			**3**		25%	9			3			**6**	22	76%	5			4			3			8			3		
8			9			7			13			6			3			8			3			6			**5**	13	50%	**4**		30%	3			8			3		
7			9			6			11			5			3			7			3			5			5			4			3			7			3		
6	22	73%	8			6			10			5			3			**7**	9	###	3			5			5			4						6			3		
5			8			6			10			**4**	20	71%	3			6			3			5			5			4						6			3		
5			**8**	15	47%	6			10			4			3			6			**3**	19	76%	5			5			3						6			3		
5			8			6			10			3			**3**		25%	6			3			5			4			3						6			3		
4			8			6			8			3			3			5			3			5			4			**3**	7	32%				5			3		
4			7			6			**8**	19	66%	3			3			5			3			5			4			3						5			3		
4			7			6			8			3			3			5			3			5			**4**	11	42%	3						**5**	25	74%	**3**	23	77%
4			7			5			6			3			3			5			3			4			4			3						5			3		
4			7			4			6			3			**3**		25%	5			3			4			4			3						5			3		
4			7			4			5			3			3			5			3			4			4									5			3		
4			6						4			3			3			5			3			4			4									5			3		
4			5						3			3			3			4			3			4			4									4			3		
4			5						3			3			3			4			3			4			4									4			3		
4			**5**	10	31%				3			3						4						4												4			3		
4			5						3			3						4						4												4			3		
4			5						3			3						**4**	17	###				4												4			3		
4			4						3									4						3												4			3		
4			4															4																		4					
			4															4																		4					
																		3																		4					
30			32			22			29			28			#			33			25			29			26			22			12			34			30		

000050 of 001164

Chiquita Canyon Landfill
Cell Screening Form

Grid ID 87 Exceedance

Instrument _____

Baseline 5

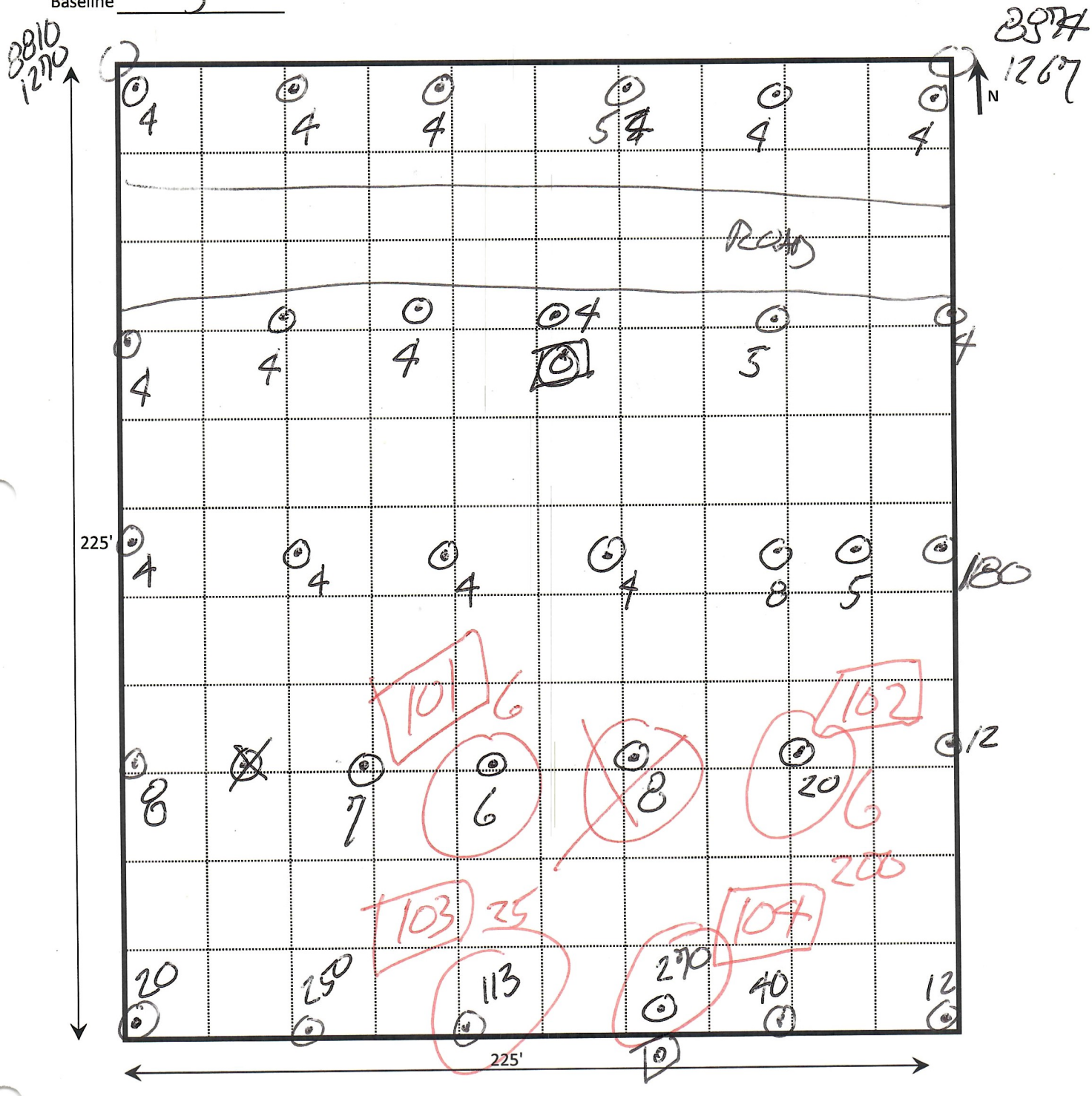
Coordinates are: 11S 34_,___
3,81_,___

Date 3/16

Time 8:00

Windpeed/Dir _____

Samplers _____



Chiquita Canyon Landfill
Cell Screening Form

Grid ID 211

Instrument _____

Baseline 13

Unbuildable Grid Cell too steep

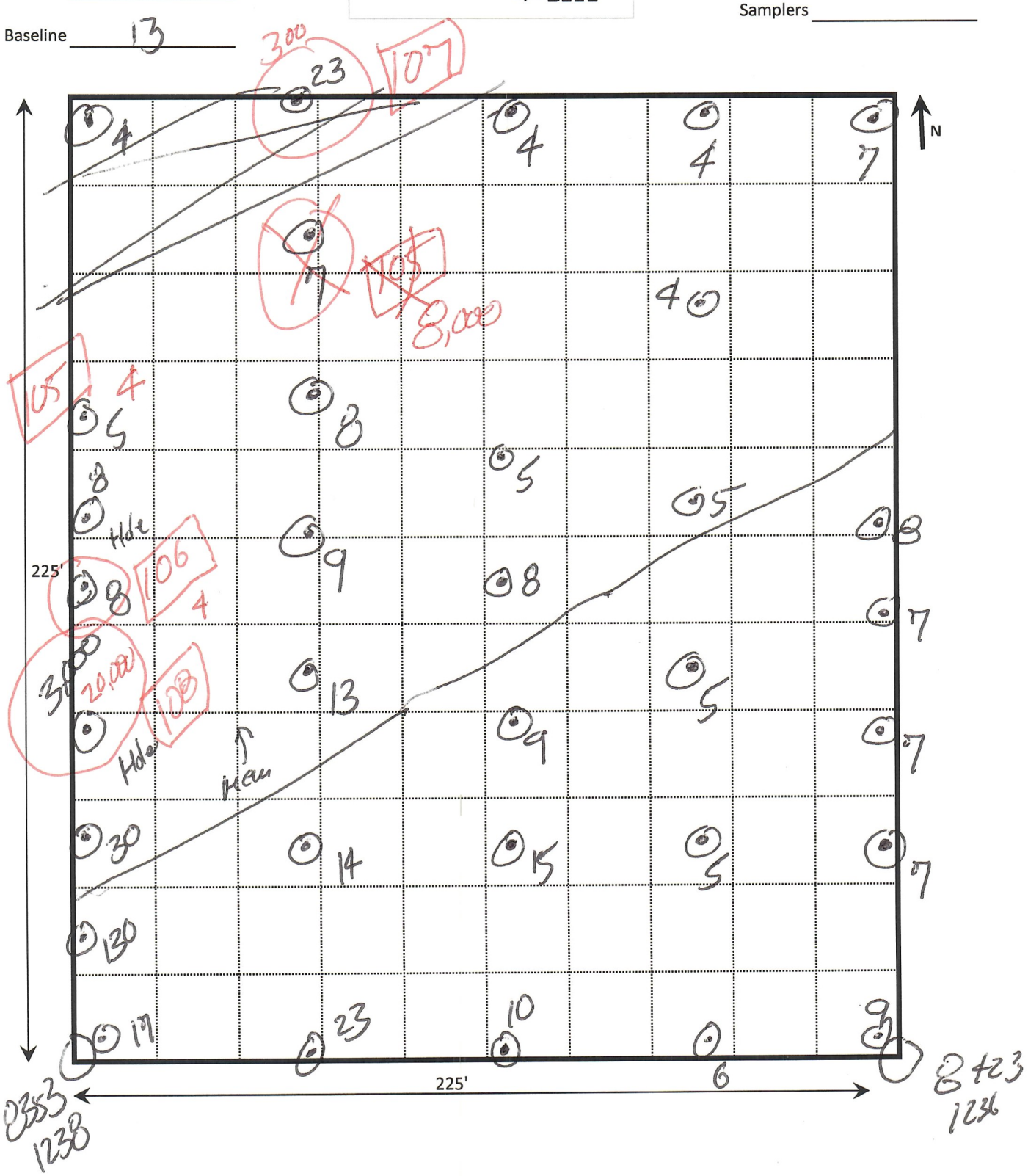
Coordinates are: 11S 34_,___
3,81_,___

Date 3/16

Time 8:50

Windpeed/Dir _____

Samplers _____



Chiquita Canyon Landfill
Cell Screening Form

Grid ID 212

Instrument _____

Baseline _____

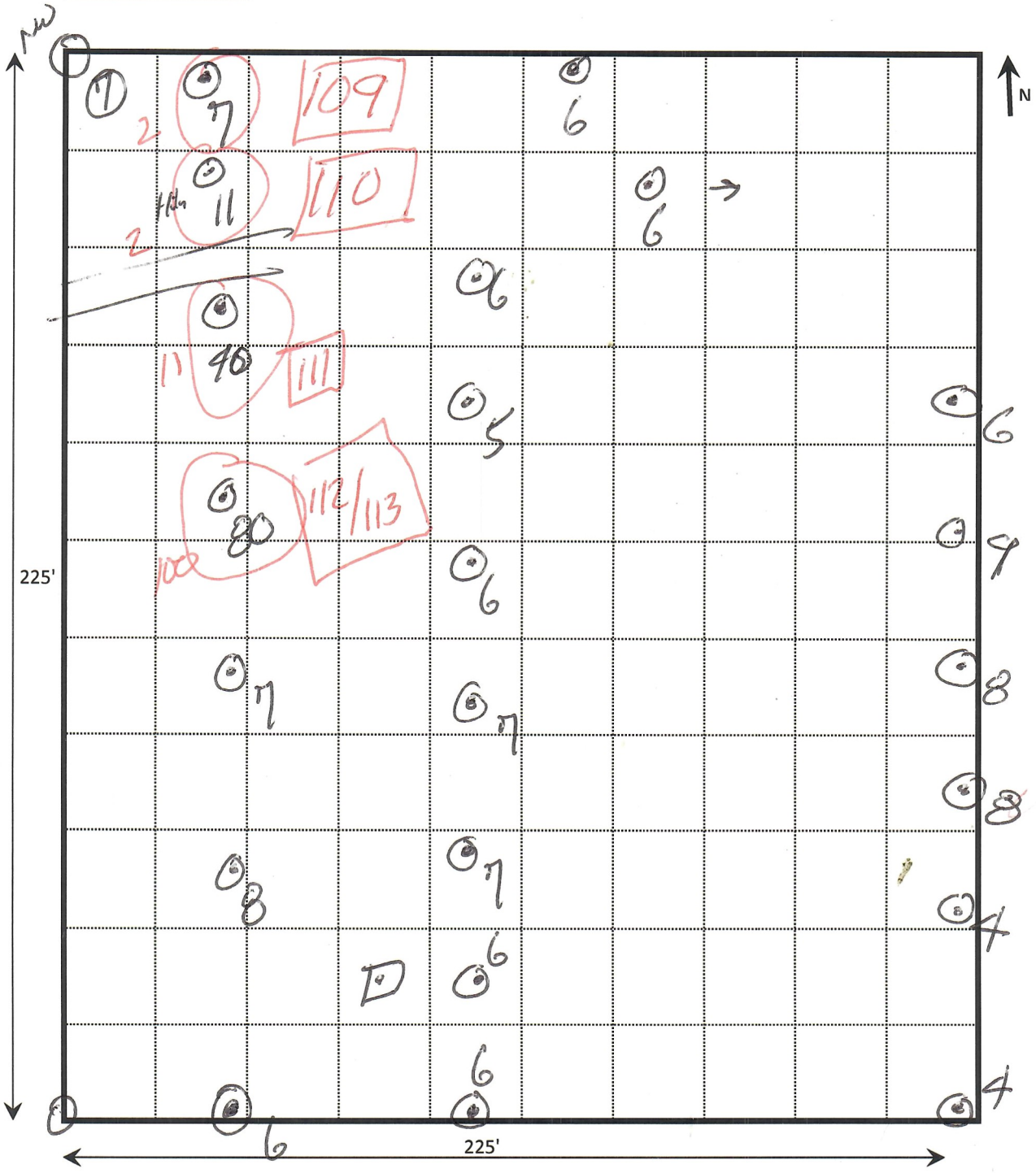
Coordinates are: **11S 34_,___**
3,81_,___

Date _____

Time _____

Windpeed/Dir _____

Samplers _____



Chiquita Canyon Landfill
Cell Screening Form

Grid ID 155

Instrument 5

Baseline

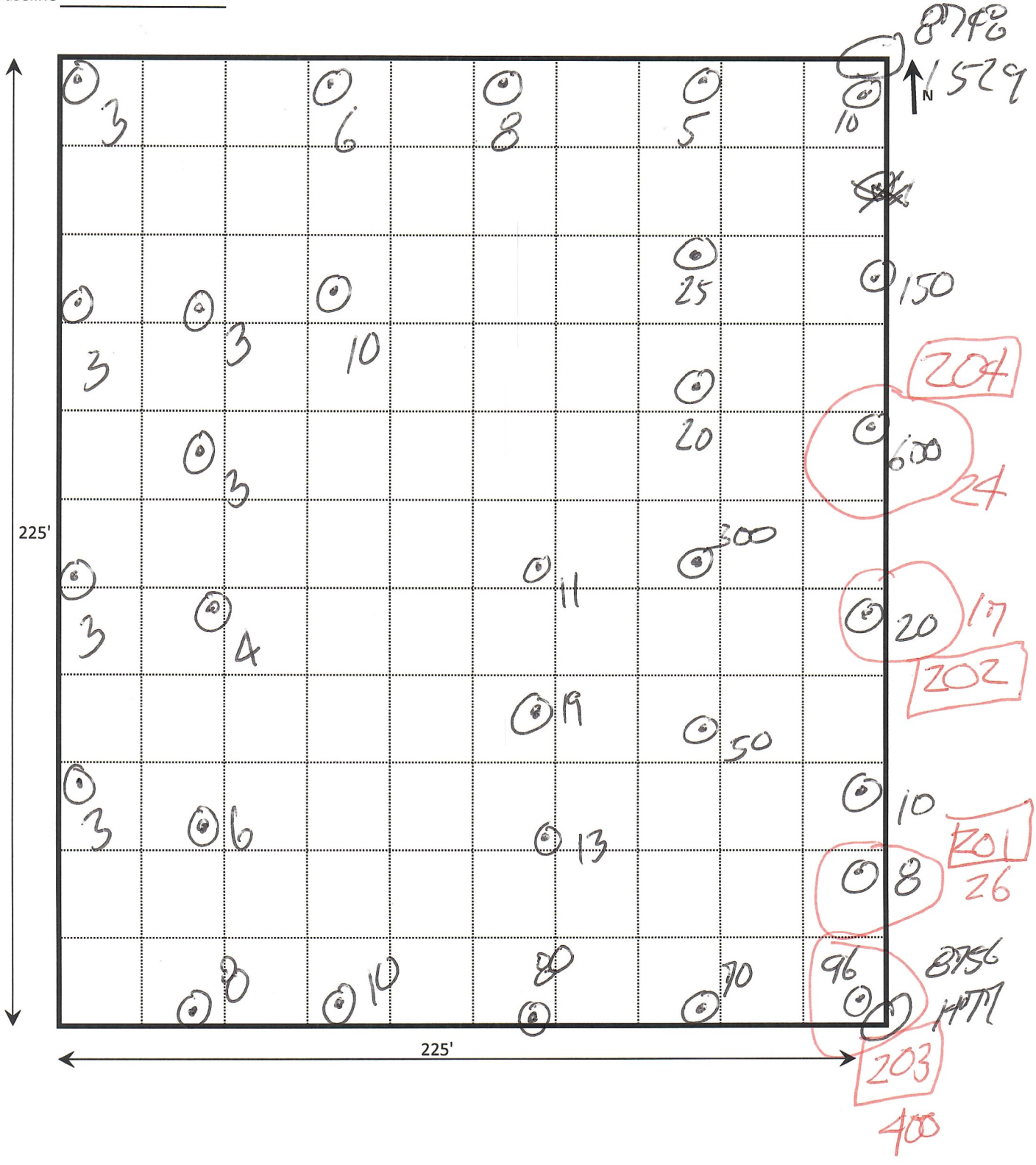
Coordinates are: 11S 34_,___
3,81_,___

Date 3/17

Time 7:37

Windpeed/Dir

Samplers



Chiquita Canyon Landfill
Cell Screening Form

Grid ID 163

Instrument _____

Baseline _____

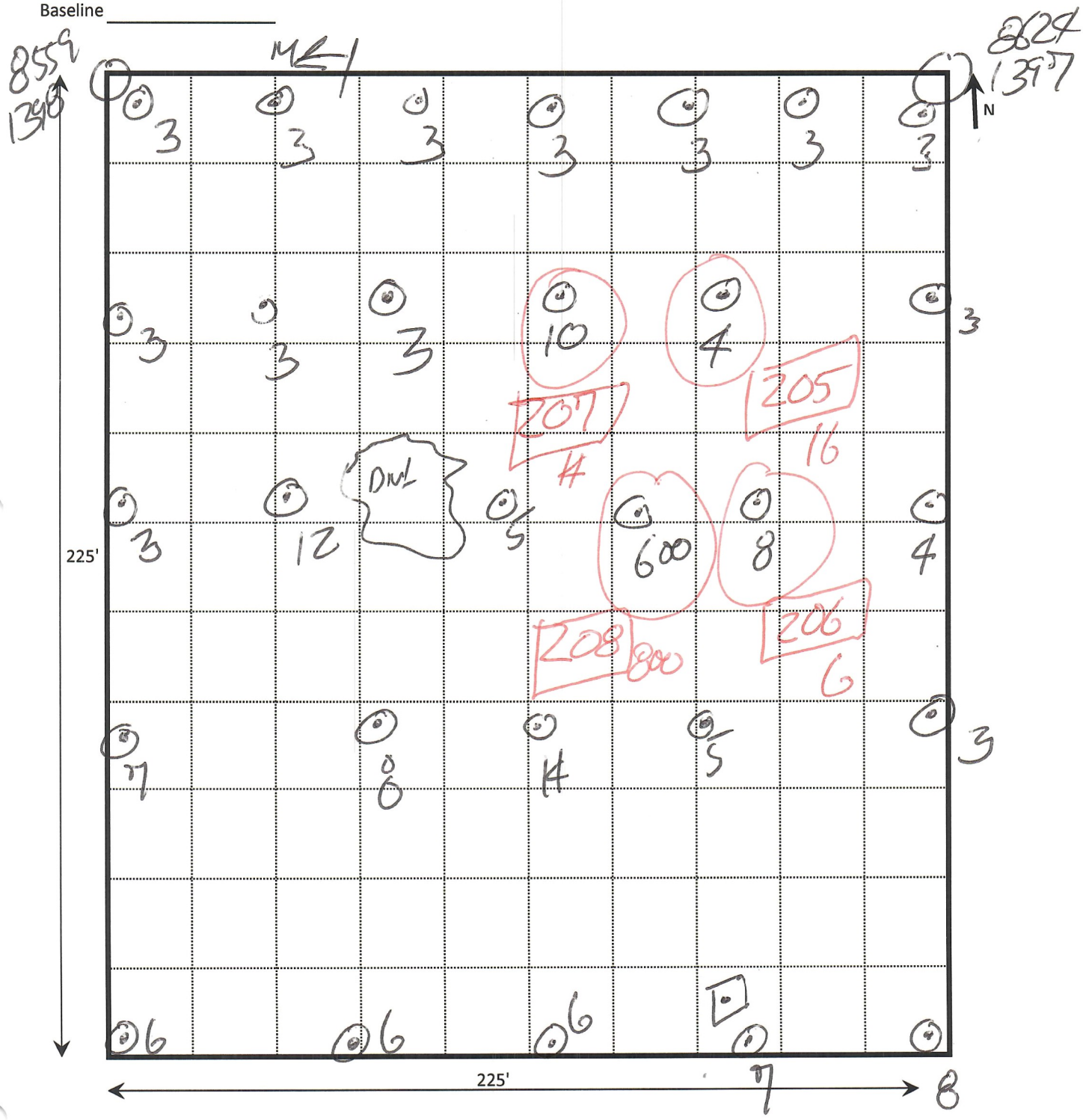
Coordinates are: 11S 34_,_ _ _
3,81_,_ _ _

Date 3/17

Time 800

Windpeed/Dir _____

Samplers _____



Chiquita Canyon Landfill
Cell Screening Form

Grid ID 180

Instrument _____

Baseline _____

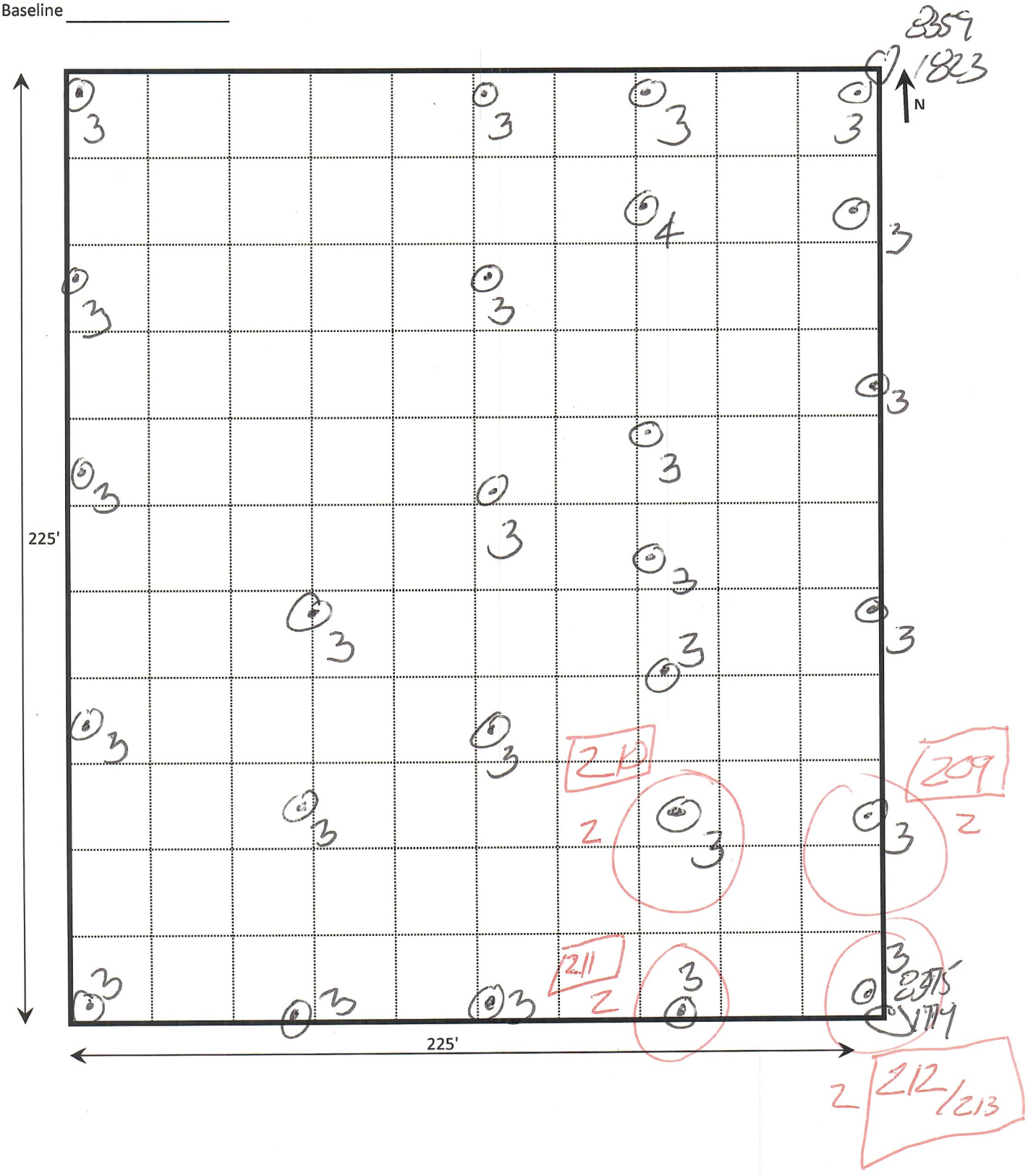
Coordinates are: **11S 34_,___**
3,81_,___

Date 3/17

Time 8:30

Windpeed/Dir _____

Samplers _____



Chiquita Canyon Landfill
Cell Screening Form

Grid ID 177 172

Instrument 5

Baseline

Coordinates are: 11S 34_,_ _ _
3,81_,_ _ _

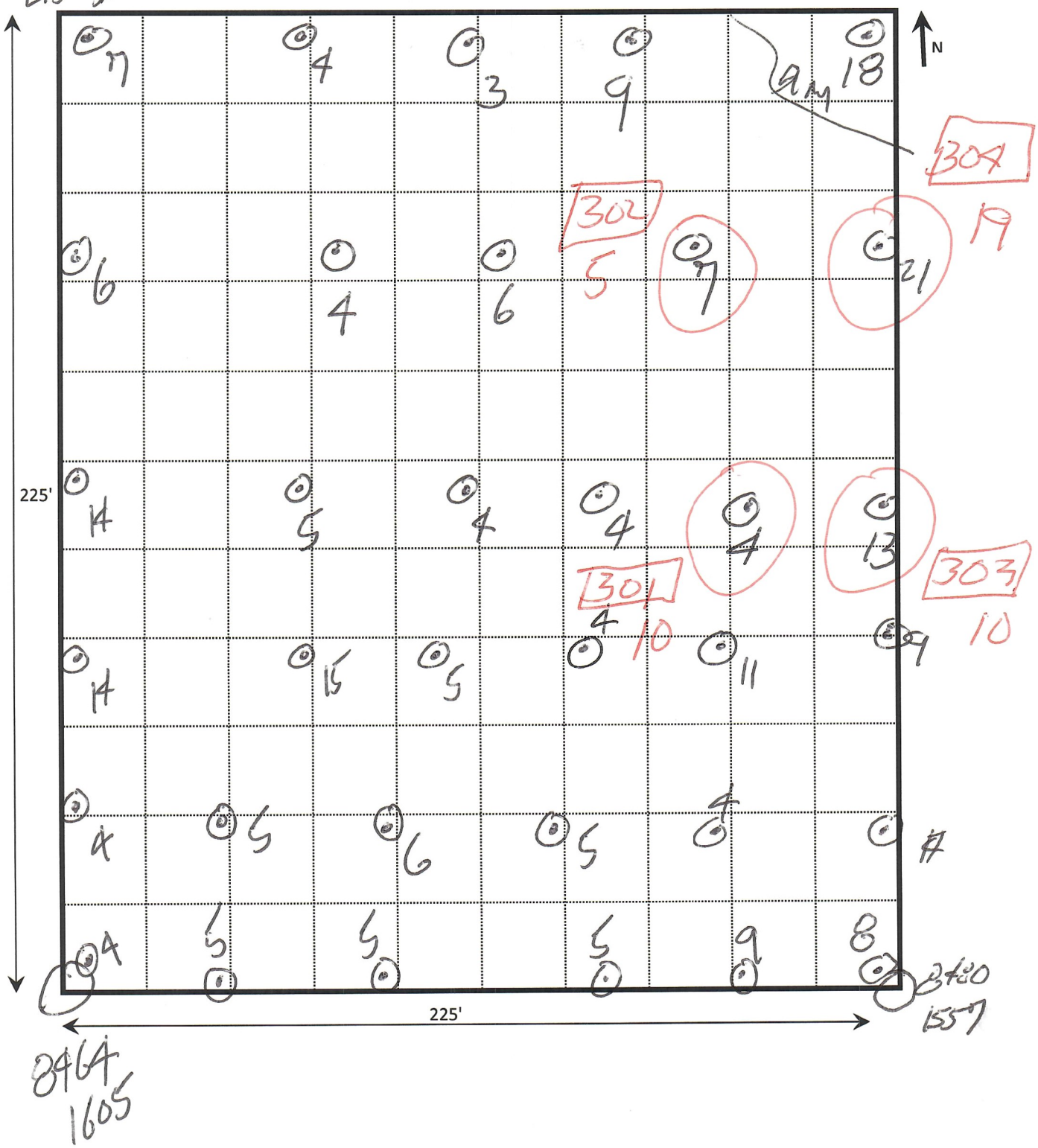
Date 3/18

Time 7:32

Windpeed/Dir

Samplers

Light fog



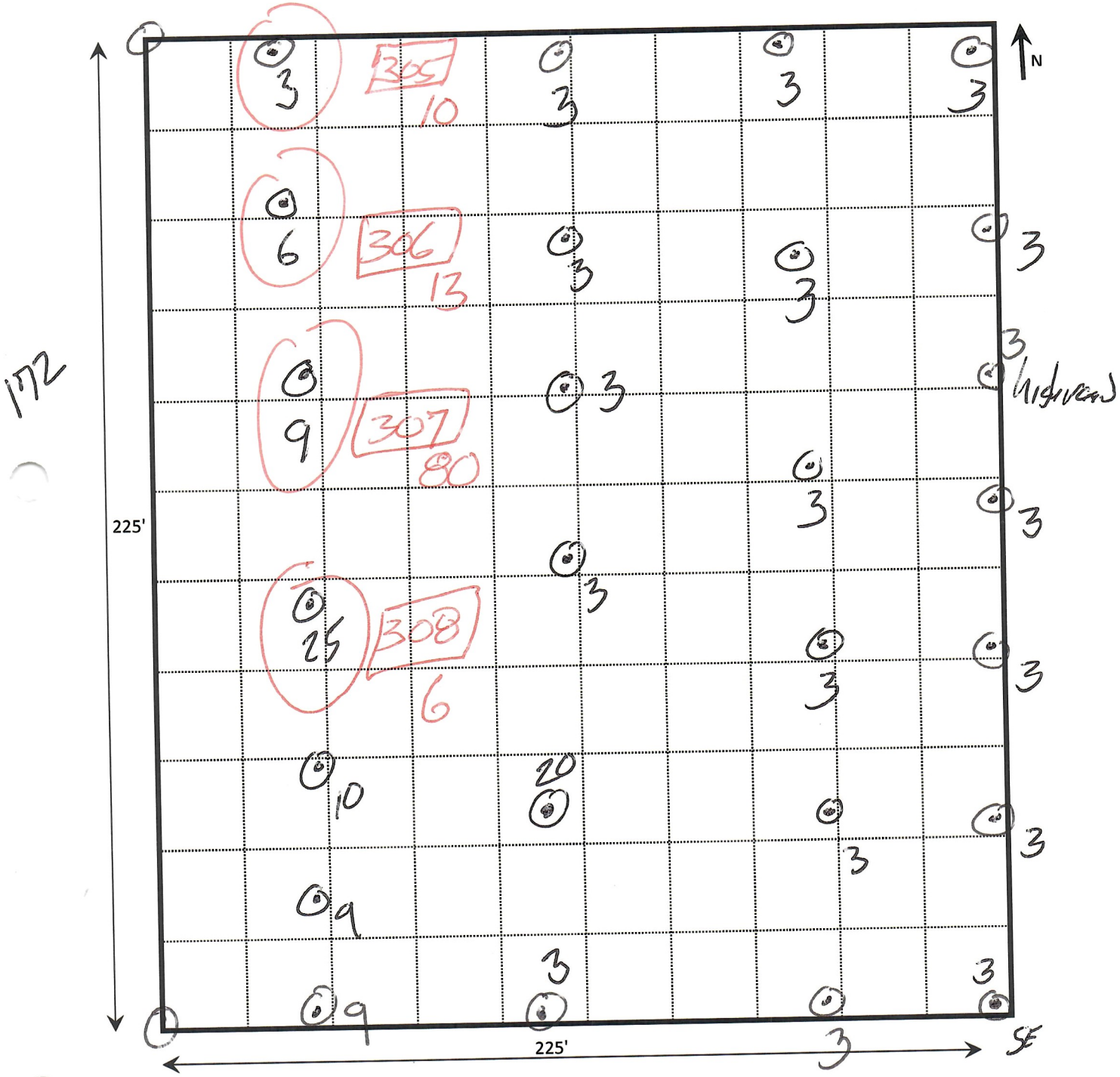
Chiquita Canyon Landfill
Cell Screening Form

Date 3/13
Time 7:54

Grid ID 171
Instrument 9 6
Baseline

Coordinates are: 11S 34_,___
3,81_,___

Windpeed/Dir
Samplers



Chiquita Canyon Landfill
Cell Screening Form

Grid ID 181

Instrument 18 4

Baseline

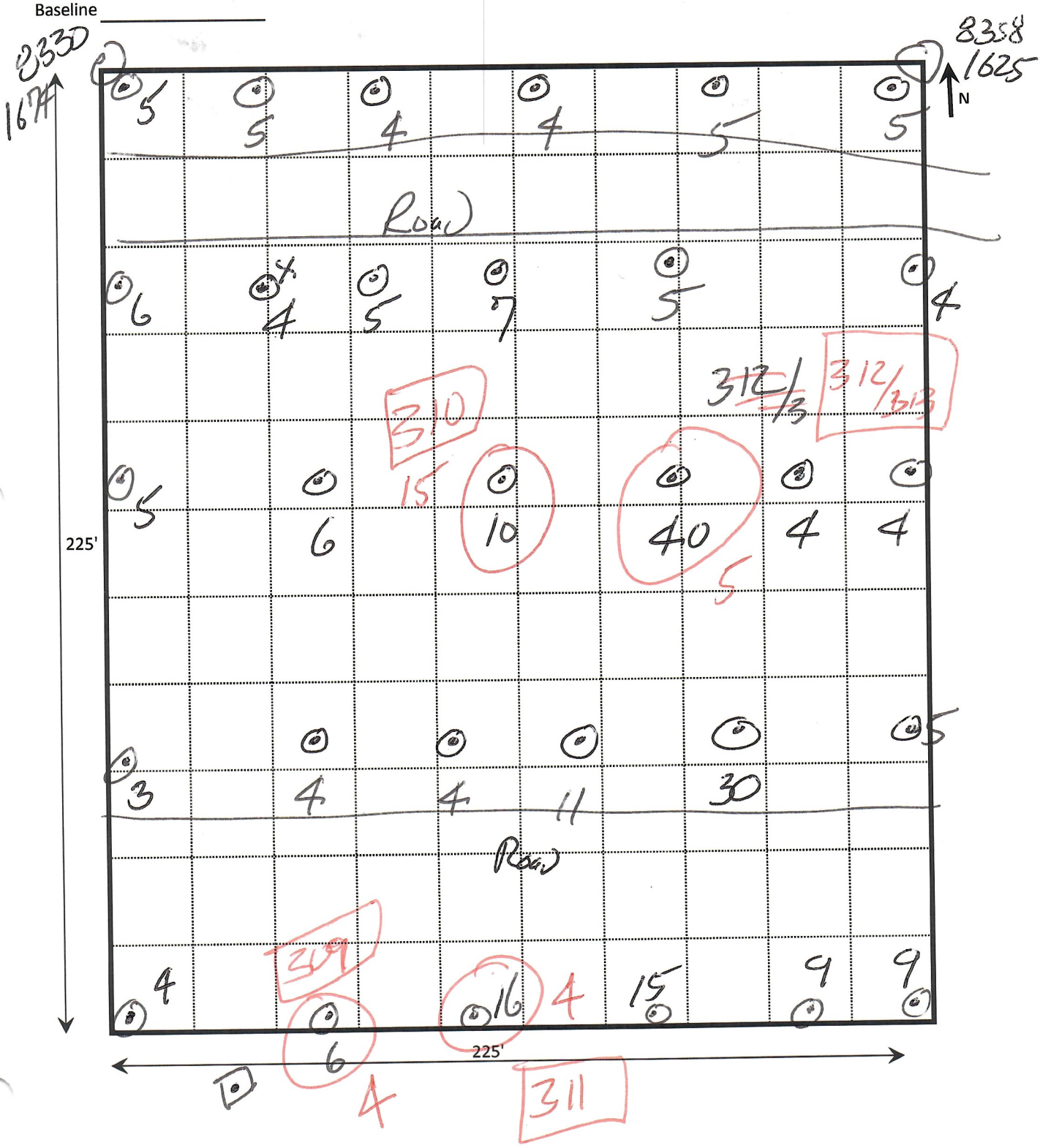
Coordinates are: 11S 34_,___
3,81_,___

Date 3/18/26

Time 8-18

Windpeed/Dir

Samplers



Chiquita Canyon Landfill
Cell Screening Form

Grid ID 199

Instrument _____

Baseline 5

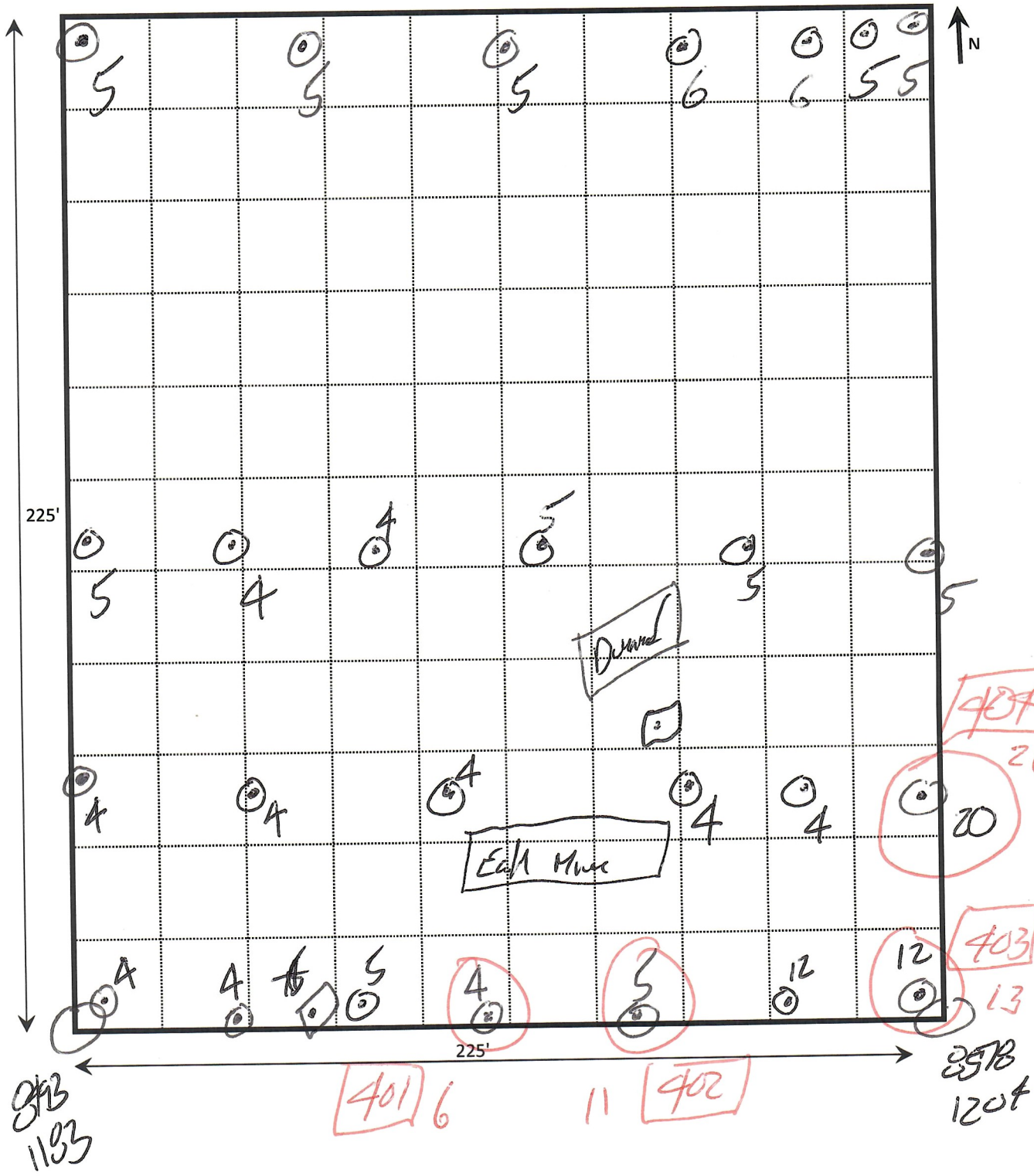
Coordinates are: 11S 34_,___
3,81_,___

Date 3/18

Time 7:52

Windpeed/Dir _____

Samplers _____



Chiquita Canyon Landfill
Cell Screening Form

Grid ID 134

Instrument 4

Baseline _____

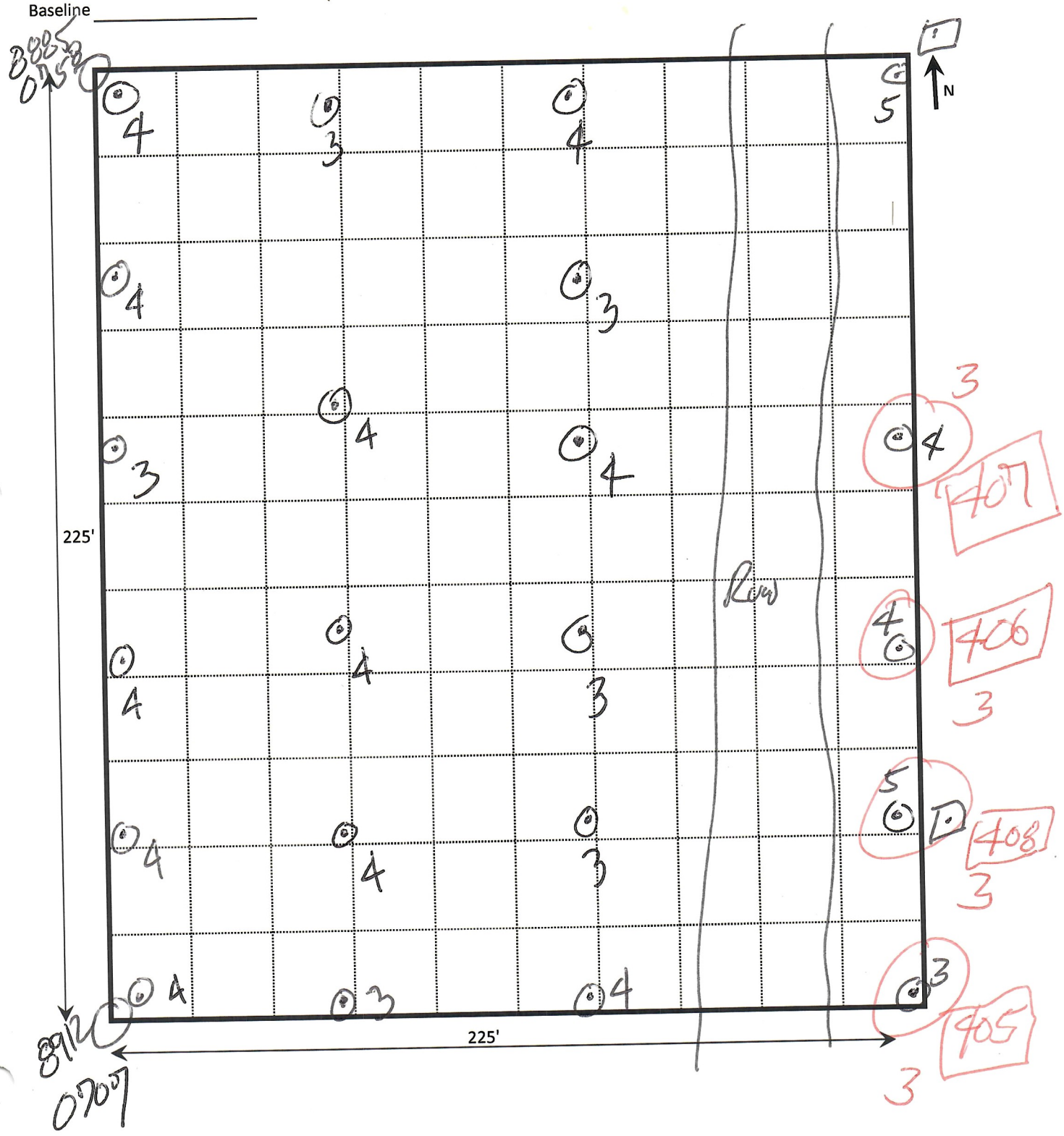
Coordinates are: 11S 34_,___
3,81_,___

Date 3/19

Time 7:20

Windpeed/Dir _____

Samplers _____



Chiquita Canyon Landfill
Cell Screening Form

Grid ID Road

Instrument 2

Baseline

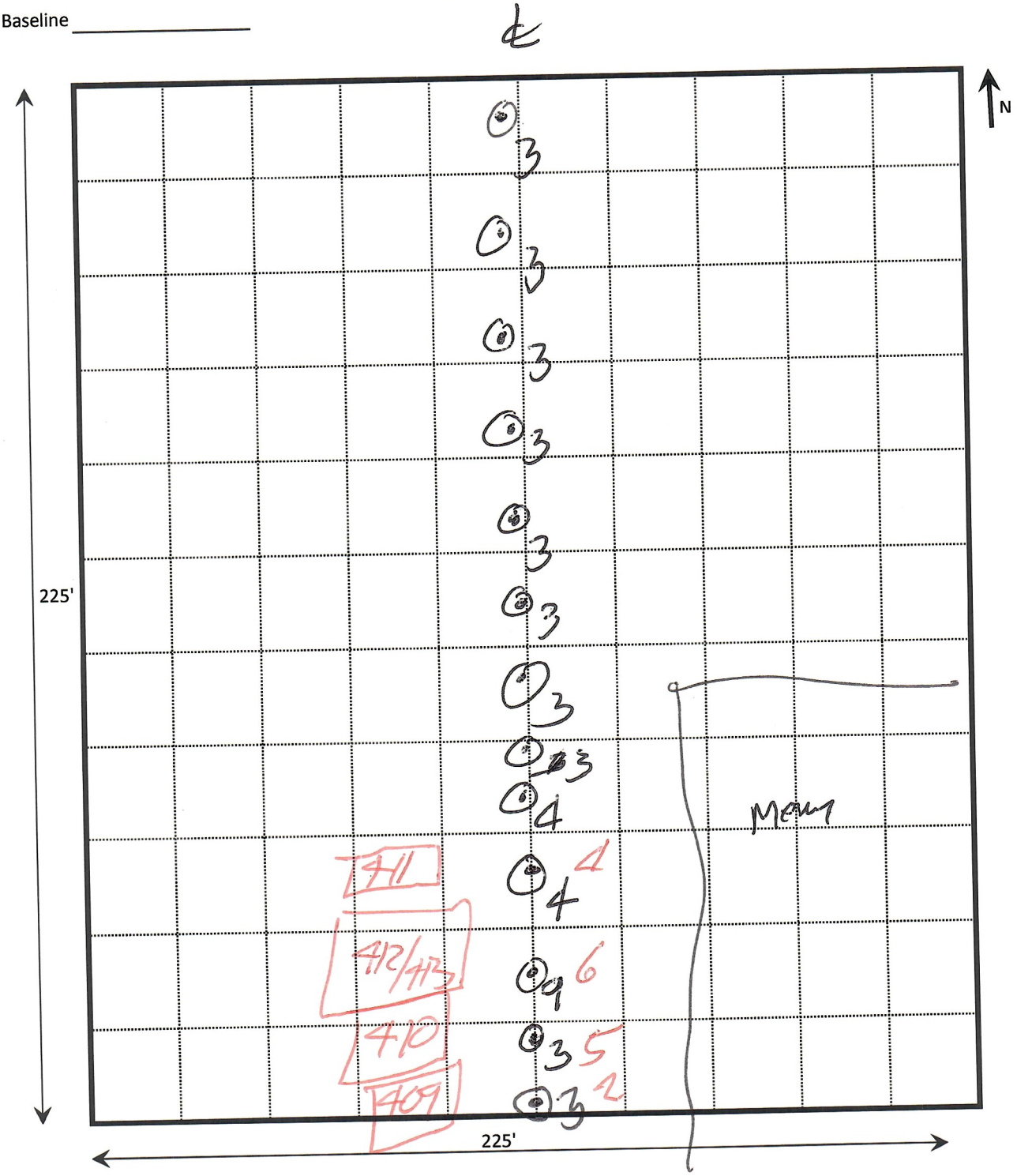
Coordinates are: 11S 34_,_ _ _
3,81_,_ _ _

Date 3/18

Time 11:07

Windpeed/Dir

Samplers



Chiquita Canyon Landfill
Cell Screening Form

Grid ID ~~DA~~ 31

Instrument 9

Baseline _____

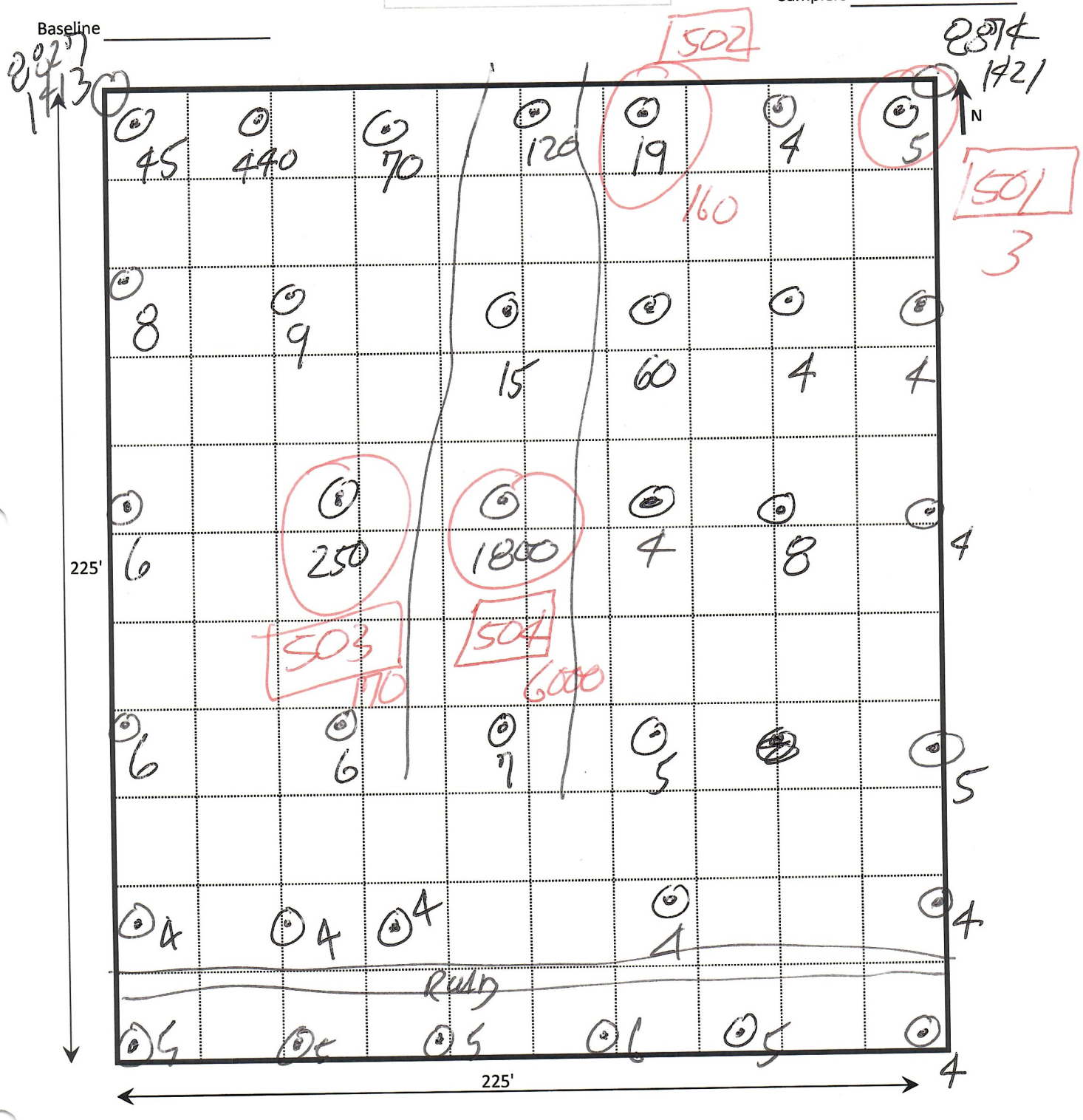
Coordinates are: 11S 34_,___
3,81_,___

Date 3/26

Time 7:23

Windpeed/Dir _____

Samplers _____



Chiquita Canyon Landfill
Cell Screening Form

Grid ID 116

Instrument _____

Baseline 18

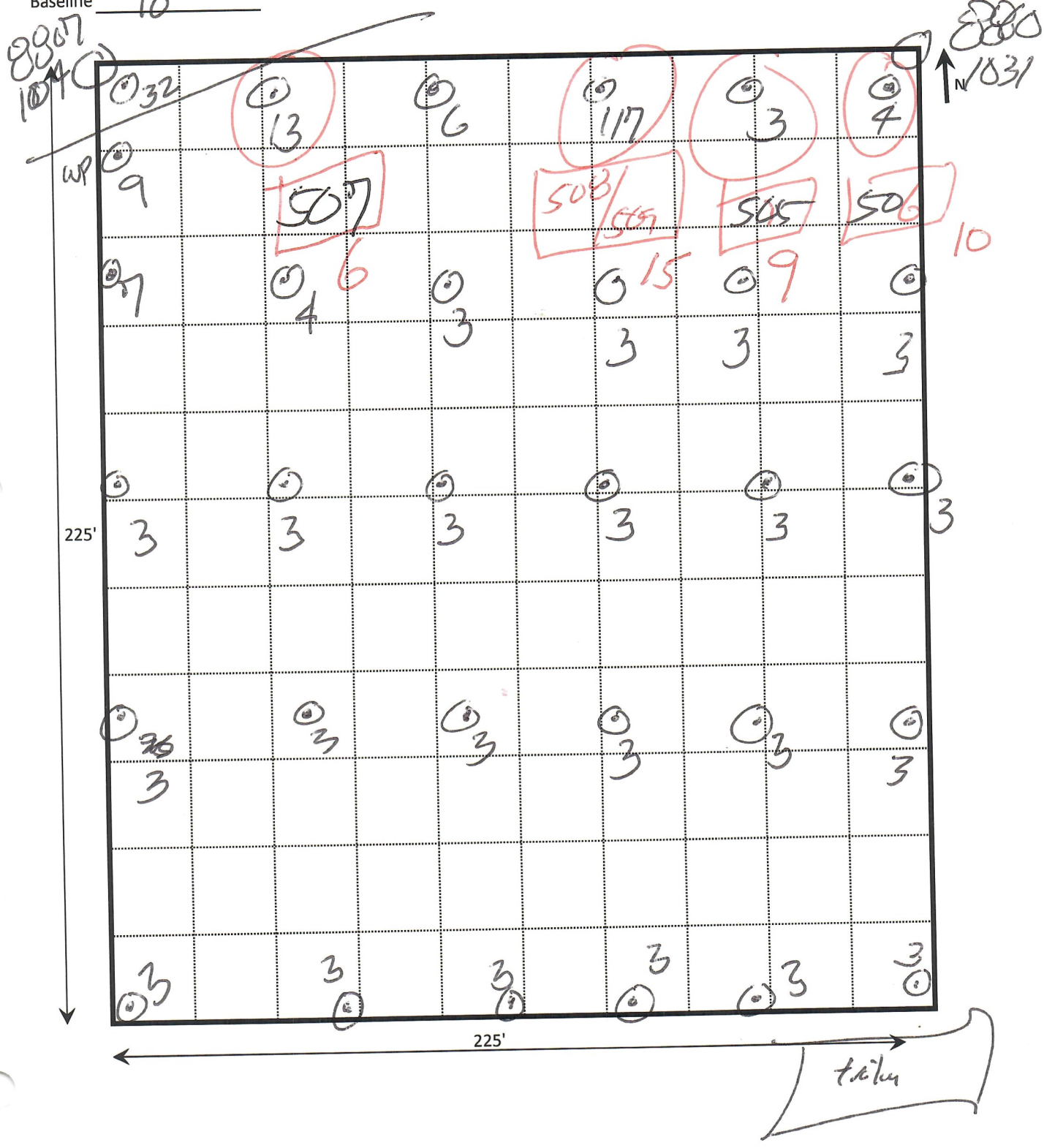
Coordinates are: 11S 34_,_ _ _
3,81_,_ _ _

Date 3/20

Time 8:15

Windpeed/Dir _____

Samplers _____



Appendix 3

Emissions Calculations for Each Compound

Carbon Dioxide
124-38-9

Legacy Protocol

		Rep		Flux (mg/m2-min)					Area Rep		Emissions		
Category	**Subset**	**Cell**	**M?**	**Low**	**Med**	**High**	**Max**	**W Avg**	**(ft2)**	**(m2)**	**(mg/min)**	**(lbs/yr)**	**(TPY)**
Exceedance Area		87		436.7664	220.1962	681.0775	842.0942	425.1299	452,665	42,054	17,878,393	20,716,233	10,358.1
Membrane	High	181		34.2062	47.4967	39.8429	<6.43E+00	<3.66E+01	654,090	60,767	<2.23E+06	<2.58E+06	<1.29E+03
Membrane	Med	171		30.6127	29.4086	100.7154	28.5724	44.5860	933,363	86,712	<2.78E+06	<3.22E+06	<1.61E+03
Membrane	Med	172		<9.56E+00	27.5834	33.5410	23.4565	<1.96E+01					
Membrane	Low	188		96.3724	127.0568	153.3730	208.0231	146.2063	1,166,324	108,355	15,842,193	18,356,827	9,178.4
Interface	High	211		<5.45E+00	<5.65E+00	160.7562	<6.04E+00	<3.95E+01	115,029	10,687	<4.22E+05	<4.89E+05	<2.45E+02
Interface	Med	212		84.3038	97.0702	769.1244	3,148.3799	116.6949	108,063	10,039	1,877,243	2,175,218	1,087.61
Interface	Med	163	P	264.7550	232.6615	248.3054	593.2466	257.2808					
Interface	Low	155	P	45.1429	69.6038	1,584.4006	5,760.4926	367.1711	664,306	61,716	22,660,352	26,257,234	13,128.617
Non-Reaction Area	High	116		33.4882	45.0903	23.5724	81.6265	34.0462	1,642,688	152,611	5,195,813	6,020,545	3,010.27
Non-Reaction Area	Med	199		67.9272	1,096.5707	609.1738	144.0878	623.8880	2,065,355	191,878	69,596,307	80,643,340	40,322
Non-Reaction Area	Med	31		62.6413	233.9128	189.9536	677.8628	101.5353					
Non-Reaction Area	Low	134		38.9646	67.6841	88.7072	48.1919	58.6059	4,542,939	422,053	24,734,796	28,660,954	14,330
Non SEM Area								<1.42E+02	560,472	52,070	<7.41E+06	<8.59E+06	<4.29E+03
							Total		**12,905,294**	**1,198,941**	**<1.71E+08**	**<1.98E+08**	**<9.89E+04**

										(TPY)
Road				<7.14E+00	28.2208	35.2025	41.0368	<2.06E+01	Exceedance Area	10,358
									Membrane	<1.21E+04
									Interface	<1.45E+04
									Non-Reaction Area	57,662
									Average Flux (mg/m2-min)	<1.42E+02
									Non-Reaction Area Flux (mg/m2-m)	130
									Membrane Flux (mg/m2-min)	<8.15E+01
									Interface Flux (mg/m2-min)	<3.03E+02
									Road Flux (mg/m2-min)	<2.06E+01

New Protocol

		Rep		Flux (mg/m2-min)					Area Rep		Emissions		
Category	**Subset**	**Cell**	**M?**	**Low**	**Med**	**High**	**Max**	**W Avg**	**(ft2)**	**(m2)**	**(mg/min)**	**(lbs/yr)**	**(TPY)**
Exceedance Area		87		436.7664	220.1962	681.0775	842.0942	425.1299	452,665	42,054	17,878,393	20,716,233	10,358
Membrane	High	181		34.2062	47.4967	39.8429	<6.43E+00	<3.66E+01	1,063,263	98,780	<3.62E+06	<4.19E+06	<2.10E+03
Membrane	Low	188		96.3724	127.0568	153.3730	208.0231	146.2063	1,595,881	148,262	21,676,871	25,117,645	12,558.8
Anomalous Cells	High	171		<3.06E+01	29.4086	100.7154	28.5724	<4.46E+01	49,687	4,616	<2.06E+05	<2.38E+05	<1.19E+02
Anomalous Cells	Low	172		9.5571	27.5834	33.5410	23.4565	19.5616	44,946	4,176	81,682	94,647	47.3237
Interface	High	211		<5.45E+00	<5.65E+00	160.7562	<6.04E+00	<3.95E+01	115,029	10,687	<4.22E+05	<4.89E+05	<2.45E+02
Interface	Med	212		84.3038	97.0702	769.1244	3,148.3799	116.6949	108,063	10,039	1,877,243	2,175,218	1,087.61
Interface	Med	163	P	264.7550	232.6615	248.3054	593.2466	257.2808					
Interface	Low	155	P	45.1429	69.6038	1,584.4006	5,760.4926	367.1711	664,306	61,716	22,660,352	26,257,234	13,129
Non-Reaction Area	High	116		33.4882	45.0903	23.5724	81.6265	34.0462	1,642,688	152,611	5,195,813	6,020,545	3,010.27
Non-Reaction Area	Med	199		67.9272	1,096.5707	609.1738	144.0878	623.8880	2,065,355	191,878	69,596,307	80,643,340	40,322
Non-Reaction Area	Med	31		62.6413	233.9128	189.9536	677.8628	101.5353					
Non-Reaction Area	Low	134		38.9646	67.6841	88.7072	48.1919	58.6059	4,542,939	422,053	24,734,796	28,660,954	14,330.477
Non SEM Area								<1.46E+02	560,472	52,070	<7.63E+06	<8.84E+06	<4.42E+03
							Total		**12,905,294**	**1,198,941**	**<1.76E+08**	**<2.03E+08**	**<1.02E+05**

										(TPY)
Road				<7.14E+00	28.2208	35.2025	41.0368	<2.06E+01	Exceedance Area	10,358
									Membrane	<1.48E+04
									Interface	<1.45E+04
									Non-Reaction Area	57,662
									Anomalous Cells	<1.67E+02
									Average Flux (mg/m2-min)	<1.46E+02
									Non-Reaction Area Flux (mg/m2-m)	130
									Membrane Flux (mg/m2-min)	<1.02E+02
									Interface Flux (mg/m2-min)	<3.03E+02
									Anomalous Cells (mg/m2-min)	<3.27E+01

Methane

74-82-8

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		0.6613	0.3295	311.9673	247.7175	31.7446	452,665	42,054	1,334,988	1,546,891	773.4
Membrane	High	181		0.0420	<1.72E-02	0.0466	<1.11E-02	<3.91E-02	654,090	60,767	<2.37E+03	<2.75E+03	<1.38E+00
Membrane	Med	171		0.0224	0.0223	0.1031	0.0452	0.0385	933,363	86,712	<2.57E+03	<2.98E+03	<1.49E+00
Membrane	Med	172		<1.88E-02	0.0200	0.0268	<8.74E-03	<2.08E-02					
Membrane	Low	188		0.0531	0.0864	0.1137	0.1265	0.0949	1,166,324	108,355	10,287	11,920	6.0
Interface	High	211		0.0204	0.0307	0.2640	0.0351	0.0785	115,029	10,687	839	972	0.49
Interface	Med	212		0.0766	0.1133	3.7030	711.7208	0.2679	108,063	10,039	196,096	227,222	113.61
Interface	Med	163	P	49.6259	13.4441	8.8076	179.9295	38.7973					
Interface	Low	155	P	3.7046	4.8144	604.3883	2,311.2603	128.2122	664,306	61,716	7,912,750	9,168,742	4,584.371
Non-Reaction Area	High	116		<8.43E-03	0.0364	<9.44E-03	0.1607	<1.23E-02	1,642,688	152,611	<1.87E+03	<2.17E+03	<1.08E+00
Non-Reaction Area	Med	199		0.0471	0.9569	1.2206	40.8381	0.5936	2,065,355	191,878	<5.22E+05	<6.05E+05	<3.02E+02
Non-Reaction Area	Med	31		<1.62E-02	15.8267	20.1733	212.7870	<4.85E+00					
Non-Reaction Area	Low	134		0.0382	0.0324	0.0359	<1.25E-02	<3.23E-02	4,542,939	422,053	<1.36E+04	<1.58E+04	<7.91E+00
Non SEM Area								<8.72E+00	560,472	52,070	<4.54E+05	<5.26E+05	<2.63E+02
							Total		**12,905,294**	**1,198,941**	**<1.05E+07**	**<1.21E+07**	**<6.06E+03**

Road				0.0626	<9.56E-03	<1.10E-02	<9.67E-03	<3.19E-02					

	(TPY)
Exceedance Area	773
Membrane	<8.83E+00
Interface	4,698
Non-Reaction Area	<3.11E+02
Average Flux (mg/m2-min)	<8.72E+00
Non-Reaction Area Flux (mg/m2-m)	<7.01E-01
Membrane Flux (mg/m2-min)	<5.95E-02
Interface Flux (mg/m2-min)	98
Road Flux (mg/m2-min)	<3.19E-02

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		0.6613	0.3295	311.9673	247.7175	31.7446	452,665	42,054	1,334,988	1,546,891	773
Membrane	High	181		0.0420	<1.72E-02	0.0466	<1.11E-02	<3.91E-02	1,063,263	98,780	<3.86E+03	<4.47E+03	<2.24E+00
Membrane	Low	188		0.0531	0.0864	0.1137	0.1265	0.0949	1,595,881	148,262	14,076	16,310	8.2
Anomalous Cells	High	171		<2.24E-02	0.0223	0.1031	<4.52E-02	<3.85E-02	49,687	4,616	<1.78E+02	<2.06E+02	<1.03E-01
Anomalous Cells	Low	172		0.0188	0.0200	0.0268	0.0087	0.0208	44,946	4,176	87	101	0.0504
Interface	High	211		0.0204	0.0307	0.2640	0.0351	0.0785	115,029	10,687	839	972	0.486
Interface	Med	212		0.0766	0.1133	3.7030	711.7208	0.2679	108,063	10,039	196,096	227,222	113.61
Interface	Med	163	P	49.6259	13.4441	8.8076	179.9295	38.7973					
Interface	Low	155	P	3.7046	4.8144	604.3883	2,311.2603	128.2122	664,306	61,716	7,912,750	9,168,742	4,584
Non-Reaction Area	High	116		<8.43E-03	0.0364	<9.44E-03	0.1607	<1.23E-02	1,642,688	152,611	<1.87E+03	<2.17E+03	<1.08E+00
Non-Reaction Area	Med	199		0.0471	0.9569	1.2206	40.8381	0.5936	2,065,355	191,878	<5.22E+05	<6.05E+05	<3.02E+02
Non-Reaction Area	Med	31		<1.62E-02	15.8267	20.1733	212.7870	<4.85E+00					
Non-Reaction Area	Low	134		0.0382	0.0324	0.0359	<1.25E-02	<3.23E-02	4,542,939	422,053	<1.36E+04	<1.58E+04	<7.91E+00
Non SEM Area								<8.72E+00	560,472	52,070	<4.54E+05	<5.26E+05	<2.63E+02
							Total		**12,905,294**	**1,198,941**	**<1.05E+07**	**<1.21E+07**	**<6.06E+03**

Road				0.0626	<9.56E-03	<1.10E-02	<9.67E-03	<3.19E-02					

	(TPY)
Exceedance Area	773
Membrane	<1.05E+01
Interface	4,698
Non-Reaction Area	<3.11E+02
Anomalous Cells	<1.53E-01
Average Flux (mg/m2-min)	<8.72E+00
Non-Reaction Area Flux (mg/m2-m)	<7.01E-01
Membrane Flux (mg/m2-min)	<7.26E-02
Interface Flux (mg/m2-min)	98
Anomalous Cells (mg/m2-min)	<3.01E-02

Total Non-Methane Hydrocarbons-C1

74-82-8

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		0.0218	0.0077	0.3154	0.8061	0.0488	452,665	42,054	2,053	2,378	1.19
Membrane	High	181		<5.34E-04	1.1700	0.0097	0.4108	<1.63E-01	654,090	60,767	<9.89E+03	<1.15E+04	<5.73E+00
Membrane	Med	171		0.0713	0.3198	0.2113	0.1986	0.1092	933,363	86,712	5,581	6,466	3.2
Membrane	Med	172		0.0252	0.0164	0.0095	0.0280	0.0195					
Membrane	Low	188		<1.17E-03	<1.43E-03	<2.00E-03	<3.13E-03	<1.93E-03	1,166,324	108,355	<2.09E+02	<2.43E+02	<1.21E-01
Interface	High	211		0.0197	0.0040	0.0671	0.0073	0.0227	115,029	10,687	243	281	0.14
Interface	Med	212		0.0025	0.0056	0.0262	0.2147	0.0039	108,063	10,039	84	98	0.049
Interface	Med	163	P	0.0158	0.0044	0.0076	0.0678	0.0129					
Interface	Low	155	P	0.0064	0.0032	0.4230	0.7825	0.0922	664,306	61,716	5,688	6,591	3.296
Non-Reaction Area	High	116		0.0039	0.0029	<5.59E-04	0.0026	<3.43E-03	1,642,688	152,611	<5.23E+02	<6.06E+02	<3.03E-01
Non-Reaction Area	Med	199		0.0082	0.0085	0.6004	0.2587	0.0539	2,065,355	191,878	<5.64E+03	<6.53E+03	<3.27E+00
Non-Reaction Area	Med	31		<1.12E-03	0.0163	0.0143	0.2281	<4.86E-03					
Non-Reaction Area	Low	134		0.0012	0.0098	<1.05E-03	<8.43E-04	<3.61E-03	4,542,939	422,053	<1.52E+03	<1.77E+03	<8.83E-01
Non SEM Area								<2.74E-02	560,472	52,070	<1.43E+03	<1.65E+03	<8.27E-01
							Total		**12,905,294**	**1,198,941**	**<3.29E+04**	**<3.81E+04**	**<1.90E+01**

Road				0.0048	0.0037	0.0013	0.0028	0.0038					

	(TPY)
Exceedance Area	1.19
Membrane	<9.09E+00
Interface	3.5
Non-Reaction Area	<4.45E+00
Average Flux (mg/m2-min)	<2.74E-02
Non-Reaction Area Flux (mg/m2-m)	<1.00E-02
Membrane Flux (mg/m2-min)	<6.13E-02
Interface Flux (mg/m2-min)	0.073
Road Flux (mg/m2-min)	0.0038

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		0.0218	0.0077	0.3154	0.8061	0.0488	452,665	42,054	2,053	2,378	1.189
Membrane	High	181		<5.34E-04	1.1700	0.0097	0.4108	<1.63E-01	1,063,263	98,780	<1.61E+04	<1.86E+04	<9.32E+00
Membrane	Low	188		0.0012	0.0014	0.0020	0.0031	0.0019	1,595,881	148,262	286	332	0.166
Anomalous Cells	High	171		0.0713	0.3198	0.2113	0.1986	0.1092	49,687	4,616	504	584	0.29
Anomalous Cells	Low	172		<2.52E-02	<1.64E-02	<9.50E-03	<2.80E-02	<1.95E-02	44,946	4,176	<8.14E+01	<9.43E+01	<4.71E-02
Interface	High	211		0.0197	0.0040	0.0671	0.0073	0.0227	115,029	10,687	243	281	0.141
Interface	Med	212		0.0025	0.0056	0.0262	0.2147	0.0039	108,063	10,039	84	98	0.049
Interface	Med	163	P	0.0158	0.0044	0.0076	0.0678	0.0129					
Interface	Low	155	P	0.0064	0.0032	0.4230	0.7825	0.0922	664,306	61,716	5,688	6,591	3.3
Non-Reaction Area	High	116		0.0039	0.0029	<5.59E-04	0.0026	<3.43E-03	1,642,688	152,611	<5.23E+02	<6.06E+02	<3.03E-01
Non-Reaction Area	Med	199		0.0082	0.0085	0.6004	0.2587	0.0539	2,065,355	191,878	<5.64E+03	<6.53E+03	<3.27E+00
Non-Reaction Area	Med	31		<1.12E-03	0.0163	0.0143	0.2281	<4.86E-03					
Non-Reaction Area	Low	134		0.0012	0.0098	<1.05E-03	<8.43E-04	<3.61E-03	4,542,939	422,053	<1.52E+03	<1.77E+03	<8.83E-01
Non SEM Area								<2.85E-02	560,472	52,070	<1.48E+03	<1.72E+03	<8.60E-01
							Total		**12,905,294**	**1,198,941**	**<3.42E+04**	**<3.96E+04**	**<1.98E+01**

Road				0.0048	0.0037	0.0013	0.0028	0.0038					

	(TPY)
Exceedance Area	1.189
Membrane	<9.78E+00
Interface	3.5
Non-Reaction Area	<4.45E+00
Anomalous Cells	<3.39E-01
Average Flux (mg/m2-min)	<2.85E-02
Non-Reaction Area Flux (mg/m2-m)	<1.00E-02
Membrane Flux (mg/m2-min)	<6.63E-02
Interface Flux (mg/m2-min)	0.073
Anomalous Cells (mg/m2-min)	<6.66E-02

Methanol

67-56-1

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		0.0316	0.0032	0.0030	0.0065	0.0240	452,665	42,054	1,009	1,169	0.6
Membrane	High	181		0.0014	0.0270	0.0038	0.0041	0.0052	654,090	60,767	315	365	0.2
Membrane	Med	171		0.0077	0.0062	0.0081	0.0112	0.0077	933,363	86,712	1,039	1,204	0.6
Membrane	Med	172		0.0177	0.0056	0.0264	0.0597	0.0163					
Membrane	Low	188		0.0018	0.0017	0.0017	0.0034	0.0022	1,166,324	108,355	236	273	0.1
Interface	High	211		0.0004	<4.94E-05	0.0006	0.0004	<2.66E-04	115,029	10,687	<2.85E+00	<3.30E+00	<1.65E-03
Interface	Med	212		0.0006	0.0020	0.5117	0.2245	0.0240	108,063	10,039	244	282	0.14
Interface	Med	163	P	0.0084	0.0988	0.0081	0.0788	0.0245					
Interface	Low	155	P	0.0013	0.0010	0.0016	0.0033	0.0013	664,306	61,716	79	92	0.046
Non-Reaction Area	High	116		0.0102	0.0094	0.0026	0.0041	0.0094	1,642,688	152,611	1,429	1,655	0.83
Non-Reaction Area	Med	199		0.0058	0.0009	0.0144	0.0018	0.0040	2,065,355	191,878	810	938	0
Non-Reaction Area	Med	31		0.0018	0.0138	0.0102	0.0046	0.0045					
Non-Reaction Area	Low	134		0.0003	0.0255	0.0068	0.0026	0.0097	4,542,939	422,053	4,074	4,720	2
Non SEM Area								<8.05E-03	560,472	52,070	<4.19E+02	<4.86E+02	<2.43E-01
							Total		**12,905,294**	**1,198,941**	**<9.66E+03**	**<1.12E+04**	**<5.59E+00**

										(TPY)
Road				0.0011	0.0008	0.0016	0.0016	0.0011	Exceedance Area	0.58
									Membrane	0.92
									Interface	<1.89E-01
									Non-Reaction Area	3.7
									Average Flux (mg/m2-min)	<8.05E-03
									Non-Reaction Area Flux (mg/m2-m)	0.0082
									Membrane Flux (mg/m2-min)	0.0062
									Interface Flux (mg/m2-min)	<3.95E-03
									Road Flux (mg/m2-min)	0.0011

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		0.0316	0.0032	0.0030	0.0065	0.0240	452,665	42,054	1,009	1,169	0.584
Membrane	High	181		0.0014	0.0270	0.0038	0.0041	0.0052	1,063,263	98,780	513	594	0.30
Membrane	Low	188		0.0018	0.0017	0.0017	0.0034	0.0022	1,595,881	148,262	322	373	0.187
Anomalous Cells	High	171		0.0077	0.0062	0.0081	0.0112	0.0077	49,687	4,616	36	41	0.021
Anomalous Cells	Low	172		0.0177	0.0056	0.0264	0.0597	0.0163	44,946	4,176	68	79	0.0394
Interface	High	211		0.0004	<4.94E-05	0.0006	0.0004	<2.66E-04	115,029	10,687	<2.85E+00	<3.30E+00	<1.65E-03
Interface	Med	212		0.0006	0.0020	0.5117	0.2245	0.0240	108,063	10,039	244	282	0.141
Interface	Med	163	P	0.0084	0.0988	0.0081	0.0788	0.0245					
Interface	Low	155	P	0.0013	0.0010	0.0016	0.0033	0.0013	664,306	61,716	79	92	0.046
Non-Reaction Area	High	116		0.0102	0.0094	0.0026	0.0041	0.0094	1,642,688	152,611	1,429	1,655	0.83
Non-Reaction Area	Med	199		0.0058	0.0009	0.0144	0.0018	0.0040	2,065,355	191,878	810	938	0
Non-Reaction Area	Med	31		0.0018	0.0138	0.0102	0.0046	0.0045					
Non-Reaction Area	Low	134		0.0003	0.0255	0.0068	0.0026	0.0097	4,542,939	422,053	4,074	4,720	2.360
Non SEM Area								<7.49E-03	560,472	52,070	<3.90E+02	<4.52E+02	<2.26E-01
							Total		**12,905,294**	**1,198,941**	**<8.97E+03**	**<1.04E+04**	**<5.20E+00**

										(TPY)
Road				0.0011	0.0008	0.0016	0.0016	0.0011	Exceedance Area	0.584
									Membrane	0.50
									Interface	<1.89E-01
									Non-Reaction Area	3.66
									Anomalous Cells	0.060
									Average Flux (mg/m2-min)	<7.49E-03
									Non-Reaction Area Flux (mg/m2-m)	0.0082
									Membrane Flux (mg/m2-min)	0.0034
									Interface Flux (mg/m2-min)	<3.95E-03
									Anomalous Cells (mg/m2-min)	0.012

Benzene

71-43-2

Legacy Protocol

		Rep		Flux (mg/m2-min)					Area Rep		Emissions		
Category	**Subset**	**Cell**	**M?**	**Low**	**Med**	**High**	**Max**	**W Avg**	**(ft2)**	**(m2)**	**(mg/min)**	**(lbs/yr)**	**(TPY)**
Exceedance Area		87		<3.31E-04	<1.94E-04	0.0019	0.0028	<4.67E-04	452,665	42,054	<1.96E+01	<2.28E+01	<1.14E-02
Membrane	High	181		0.0003	0.1247	0.0003	0.0344	0.0175	654,090	60,767	1,063	1,232	0.62
Membrane	Med	171		0.0402	0.0220	0.0289	0.0351	0.0372	933,363	86,712	1,646	1,907	0.95
Membrane	Med	172		0.0007	0.0011	0.0005	0.0012	0.0008					
Membrane	Low	188		<1.49E-04	0.0008	0.0005	<3.97E-04	<4.70E-04	1,166,324	108,355	<5.10E+01	<5.91E+01	<2.95E-02
Interface	High	211		0.0031	0.0007	0.0126	0.0006	0.0040	115,029	10,687	43	50	0.025
Interface	Med	212		0.0003	<1.69E-04	0.0019	0.0009	<3.81E-04	108,063	10,039	<3.61E+00	<4.18E+00	<2.09E-03
Interface	Med	163	P	0.0003	0.0002	0.0006	0.0004	0.0003					
Interface	Low	155	P	0.0002	0.0002	0.0034	0.0068	0.0008	664,306	61,716	52	60	0.030
Non-Reaction Area	High	116		0.0011	0.0014	0.0010	0.0010	0.0012	1,642,688	152,611	179	207	0.10
Non-Reaction Area	Med	199		0.0002	0.0003	0.0005	0.0007	0.0003	2,065,355	191,878	268	311	0
Non-Reaction Area	Med	31		0.0027	0.0022	0.0018	0.0028	0.0025					
Non-Reaction Area	Low	134		<7.00E-05	<1.11E-04	0.0003	0.0003	<1.43E-04	4,542,939	422,053	<6.02E+01	<6.97E+01	<3.49E-02
Non SEM Area								<2.95E-03	560,472	52,070	<1.54E+02	<1.78E+02	<8.91E-02
							Total		**12,905,294**	**1,198,941**	**<3.54E+03**	**<4.10E+03**	**<2.05E+00**

Road				<1.01E-04	0.0002	0.0003	0.0025	<1.62E-04					

	(TPY)
Exceedance Area	<1.14E-02
Membrane	<1.60E+00
Interface	<5.71E-02
Non-Reaction Area	<2.94E-01
Average Flux (mg/m2-min)	<2.95E-03
Non-Reaction Area Flux (mg/m2-m)	<6.62E-04
Membrane Flux (mg/m2-min)	<1.08E-02
Interface Flux (mg/m2-min)	<1.20E-03
Road Flux (mg/m2-min)	<1.62E-04

New Protocol

		Rep		Flux (mg/m2-min)					Area Rep		Emissions		
Category	**Subset**	**Cell**	**M?**	**Low**	**Med**	**High**	**Max**	**W Avg**	**(ft2)**	**(m2)**	**(mg/min)**	**(lbs/yr)**	**(TPY)**
Exceedance Area		87		<3.31E-04	<1.94E-04	0.0019	0.0028	<4.67E-04	452,665	42,054	<1.96E+01	<2.28E+01	<1.14E-02
Membrane	High	181		0.0003	0.1247	0.0003	0.0344	0.0175	1,063,263	98,780	1,729	2,003	1.00
Membrane	Low	188		0.0001	0.0008	0.0005	0.0004	0.0005	1,595,881	148,262	70	81	0.040
Anomalous Cells	High	171		0.0402	0.0220	0.0289	0.0351	0.0372	49,687	4,616	172	199	0.10
Anomalous Cells	Low	172		<7.22E-04	0.0011	0.0005	<1.16E-03	<7.62E-04	44,946	4,176	<3.18E+00	<3.69E+00	<1.84E-03
Interface	High	211		0.0031	0.0007	0.0126	0.0006	0.0040	115,029	10,687	43	50	0.025
Interface	Med	212		0.0003	<1.69E-04	0.0019	0.0009	<3.81E-04	108,063	10,039	<3.61E+00	<4.18E+00	<2.09E-03
Interface	Med	163	P	0.0003	0.0002	0.0006	0.0004	0.0003					
Interface	Low	155	P	0.0002	0.0002	0.0034	0.0068	0.0008	664,306	61,716	52	60	0.030
Non-Reaction Area	High	116		0.0011	0.0014	0.0010	0.0010	0.0012	1,642,688	152,611	179	207	0.10
Non-Reaction Area	Med	199		0.0002	0.0003	0.0005	0.0007	0.0003	2,065,355	191,878	268	311	0
Non-Reaction Area	Med	31		0.0027	0.0022	0.0018	0.0028	0.0025					
Non-Reaction Area	Low	134		<7.00E-05	<1.11E-04	0.0003	0.0003	<1.43E-04	4,542,939	422,053	<6.02E+01	<6.97E+01	<3.49E-02
Non SEM Area								<2.27E-03	560,472	52,070	<1.18E+02	<1.37E+02	<6.84E-02
							Total		**12,905,294**	**1,198,941**	**<2.72E+03**	**<3.15E+03**	**<1.57E+00**

Road				<1.01E-04	0.0002	0.0003	0.0025	<1.62E-04					

	(TPY)
Exceedance Area	<1.14E-02
Membrane	1.14
Interface	<5.71E-02
Non-Reaction Area	<2.94E-01
Anomalous Cells	<1.01E-01
Average Flux (mg/m2-min)	<2.27E-03
Non-Reaction Area Flux (mg/m2-m)	<6.62E-04
Membrane Flux (mg/m2-min)	0.0073
Interface Flux (mg/m2-min)	<1.20E-03
Anomalous Cells (mg/m2-min)	<1.99E-02

Acetone
67-64-1

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		0.0070	0.0025	0.0122	0.0088	0.0067	452,665	42,054	283	328	0.164
Membrane	High	181		0.0017	0.0555	0.0047	0.0109	0.0094	654,090	60,767	571	661	0.33
Membrane	Med	171		0.0057	0.0058	0.0072	0.0071	0.0060	933,363	86,712	582	675	0.34
Membrane	Med	172		0.0081	0.0065	0.0068	0.0091	0.0074					
Membrane	Low	188		0.0009	0.0009	0.0040	0.0024	0.0020	1,166,324	108,355	222	257	0.129
Interface	High	211		0.0004	0.0002	0.0008	0.0003	0.0004	115,029	10,687	4	5	0.0024
Interface	Med	212		0.0005	0.0010	0.0091	0.0129	0.0009	108,063	10,039	13	15	0.0075
Interface	Med	163	P	0.0013	0.0026	0.0023	0.0059	0.0017					
Interface	Low	155	P	0.0032	0.0009	0.0082	0.0029	0.0039	664,306	61,716	242	281	0.140
Non-Reaction Area	High	116		0.0032	0.0023	0.0013	0.0015	0.0029	1,642,688	152,611	438	507	0.25
Non-Reaction Area	Med	199		0.0032	0.0041	0.0060	0.0076	0.0039	2,065,355	191,878	585	678	0.34
Non-Reaction Area	Med	31		0.0013	0.0051	0.0047	0.0024	0.0022					
Non-Reaction Area	Low	134		0.0003	0.0035	0.0035	0.0009	0.0021	4,542,939	422,053	903	1,046	0.52
Non SEM Area								0.0034	560,472	52,070	175	202	0.10
							Total		**12,905,294**	**1,198,941**	**4,019**	**4,656**	**2.3**

Road				0.0030	0.0011	0.0024	0.0019	0.0021					

	(TPY)
Exceedance Area	0.164
Membrane	0.80
Interface	0.15
Non-Reaction Area	1.1
Average Flux (mg/m2-min)	0.0034
Non-Reaction Area Flux (mg/m2-m)	0.0025
Membrane Flux (mg/m2-min)	0.0054
Interface Flux (mg/m2-min)	0.0031
Road Flux (mg/m2-min)	0.0021

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		0.0070	0.0025	0.0122	0.0088	0.0067	452,665	42,054	283	328	0.1642
Membrane	High	181		0.0017	0.0555	0.0047	0.0109	0.0094	1,063,263	98,780	928	1,075	0.54
Membrane	Low	188		0.0009	0.0009	0.0040	0.0024	0.0020	1,595,881	148,262	304	352	0.176
Anomalous Cells	High	171		0.0057	0.0058	0.0072	0.0071	0.0060	49,687	4,616	28	32	0.016
Anomalous Cells	Low	172		0.0081	0.0065	0.0068	0.0091	0.0074	44,946	4,176	31	36	0.0179
Interface	High	211		0.0004	0.0002	0.0008	0.0003	0.0004	115,029	10,687	4.1	4.8	0.0024
Interface	Med	212		0.0005	0.0010	0.0091	0.0129	0.0009	108,063	10,039	12.9	14.9	0.0075
Interface	Med	163	P	0.0013	0.0026	0.0023	0.0059	0.0017					
Interface	Low	155	P	0.0032	0.0009	0.0082	0.0029	0.0039	664,306	61,716	242	281	0.140
Non-Reaction Area	High	116		0.0032	0.0023	0.0013	0.0015	0.0029	1,642,688	152,611	438	507	0.25
Non-Reaction Area	Med	199		0.0032	0.0041	0.0060	0.0076	0.0039	2,065,355	191,878	585	678	0.34
Non-Reaction Area	Med	31		0.0013	0.0051	0.0047	0.0024	0.0022					
Non-Reaction Area	Low	134		0.0003	0.0035	0.0035	0.0009	0.0021	4,542,939	422,053	903	1,046	0.523
Non SEM Area								0.0033	560,472	52,070	171	198	0.10
							Total		**12,905,294**	**1,198,941**	**3,930**	**4,554**	**2.3**

Road				0.0030	0.0011	0.0024	0.0019	0.0021					

	(TPY)
Exceedance Area	0.1642
Membrane	0.73
Interface	0.15
Non-Reaction Area	1.12
Anomalous Cells	0.034
Average Flux (mg/m2-min)	0.0033
Non-Reaction Area Flux (mg/m2-m)	0.0025
Membrane Flux (mg/m2-min)	0.0050
Interface Flux (mg/m2-min)	0.0031
Anomalous Cells (mg/m2-min)	0.0067

Propylene
115-07-1

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<5.03E-05	<2.94E-05	0.0057	0.0420	<6.15E-04	452,665	42,054	<2.59E+01	<3.00E+01	<1.50E-02
Membrane	High	181		0.0002	0.0012	0.0003	0.0007	0.0003	654,090	60,767	20	23	0.011
Membrane	Med	171		0.0009	0.0013	0.0013	0.0009	0.0010	933,363	86,712	<5.02E+01	<5.81E+01	<2.91E-02
Membrane	Med	172		<2.12E-05	0.0005	0.0002	0.0002	<1.86E-04					
Membrane	Low	188		<2.26E-05	<2.76E-05	<3.85E-05	<6.03E-05	<3.73E-05	1,166,324	108,355	<4.04E+00	<4.68E+00	<2.34E-03
Interface	High	211		0.0001	0.0001	0.0013	0.0001	0.0004	115,029	10,687	4	4	0.0022
Interface	Med	212		0.0001	0.0001	<1.06E-04	0.0208	<6.58E-05	108,063	10,039	<1.79E+01	<2.08E+01	<1.04E-02
Interface	Med	163	P	0.0047	0.0004	0.0004	0.0004	0.0035					
Interface	Low	155	P	0.0003	<1.07E-05	0.0122	0.0760	<2.74E-03	664,306	61,716	<1.69E+02	<1.96E+02	<9.79E-02
Non-Reaction Area	High	116		0.0001	0.0001	0.0001	0.0001	0.0001	1,642,688	152,611	19	22	0.011
Non-Reaction Area	Med	199		0.0001	0.0002	0.0004	0.0072	0.0002	2,065,355	191,878	<5.07E+01	<5.88E+01	<2.94E-02
Non-Reaction Area	Med	31		<2.17E-05	0.0012	0.0015	0.0089	<3.70E-04					
Non-Reaction Area	Low	134		0.0000	0.0001	0.0001	<1.62E-05	<6.61E-05	4,542,939	422,053	<2.79E+01	<3.23E+01	<1.62E-02
Non SEM Area								<3.38E-04	560,472	52,070	<1.76E+01	<2.04E+01	<1.02E-02
							Total		**12,905,294**	**1,198,941**	**<4.06E+02**	**<4.70E+02**	**<2.35E-01**

Road				0.0000	<1.12E-05	0.0000	0.0001	<2.55E-05					

	(TPY)
Exceedance Area	<1.50E-02
Membrane	<4.27E-02
Interface	<1.10E-01
Non-Reaction Area	<5.67E-02
Average Flux (mg/m2-min)	<3.38E-04
Non-Reaction Area Flux (mg/m2-m)	<1.28E-04
Membrane Flux (mg/m2-min)	<2.88E-04
Interface Flux (mg/m2-min)	<2.31E-03
Road Flux (mg/m2-min)	<2.55E-05

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<5.03E-05	<2.94E-05	0.0057	0.0420	<6.15E-04	452,665	42,054	<2.59E+01	<3.00E+01	<1.50E-02
Membrane	High	181		0.0002	0.0012	0.0003	0.0007	0.0003	1,063,263	98,780	32	37	0.018
Membrane	Low	188		0.0000	0.0000	0.0000	0.0001	0.0000	1,595,881	148,262	5.5	6.4	0.0032
Anomalous Cells	High	171		<8.64E-04	0.0013	0.0013	0.0009	<9.71E-04	49,687	4,616	<4.48E+00	<5.20E+00	<2.60E-03
Anomalous Cells	Low	172		<2.12E-05	<4.52E-04	<2.44E-04	<1.76E-04	<1.86E-04	44,946	4,176	<7.76E-01	<8.99E-01	<4.50E-04
Interface	High	211		0.0001	0.0001	0.0013	0.0001	0.0004	115,029	10,687	3.8	4.4	0.0022
Interface	Med	212		0.0001	0.0001	<1.06E-04	0.0208	<6.58E-05	108,063	10,039	<1.79E+01	<2.08E+01	<1.04E-02
Interface	Med	163	P	0.0047	0.0004	0.0004	0.0004	0.0035					
Interface	Low	155	P	0.0003	<1.07E-05	0.0122	0.0760	<2.74E-03	664,306	61,716	<1.69E+02	<1.96E+02	<9.79E-02
Non-Reaction Area	High	116		0.0001	0.0001	0.0001	0.0001	0.0001	1,642,688	152,611	19	22	0.011
Non-Reaction Area	Med	199		0.0001	0.0002	0.0004	0.0072	0.0002	2,065,355	191,878	<5.07E+01	<5.88E+01	<2.94E-02
Non-Reaction Area	Med	31		<2.17E-05	0.0012	0.0015	0.0089	<3.70E-04					
Non-Reaction Area	Low	134		0.0000	0.0001	0.0001	<1.62E-05	<6.61E-05	4,542,939	422,053	<2.79E+01	<3.23E+01	<1.62E-02
Non SEM Area								<3.11E-04	560,472	52,070	<1.62E+01	<1.88E+01	<9.39E-03
							Total		**12,905,294**	**1,198,941**	**<3.73E+02**	**<4.32E+02**	**<2.16E-01**

Road				0.0000	<1.12E-05	0.0000	0.0001	<2.55E-05					

	(TPY)
Exceedance Area	<1.50E-02
Membrane	0.024
Interface	<1.10E-01
Non-Reaction Area	<5.67E-02
Anomalous Cells	<3.05E-03
Average Flux (mg/m2-min)	<3.11E-04
Non-Reaction Area Flux (mg/m2-m)	<1.28E-04
Membrane Flux (mg/m2-min)	0.00015
Interface Flux (mg/m2-min)	<2.31E-03
Anomalous Cells (mg/m2-min)	<5.98E-04

Tetrahydrofuran
109-99-9

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<4.44E-05	<2.60E-05	0.0001	<3.85E-05	<5.10E-05	452,665	42,054	<2.14E+00	<2.48E+00	<1.24E-03
Membrane	High	181		0.0001	0.0725	0.0004	0.0126	0.0101	654,090	60,767	614	712	0.356
Membrane	Med	171		0.0209	0.0101	0.0155	0.0158	0.0194	933,363	86,712	1,018	1,180	0.59
Membrane	Med	172		0.0040	0.0048	0.0035	0.0087	0.0041					
Membrane	Low	188		<1.99E-05	<2.43E-05	0.0001	<5.33E-05	<5.54E-05	1,166,324	108,355	<6.00E+00	<6.96E+00	<3.48E-03
Interface	High	211		0.0001	<1.13E-05	0.0001	<1.21E-05	<7.55E-05	115,029	10,687	<8.06E-01	<9.34E-01	<4.67E-04
Interface	Med	212		<1.69E-05	<2.26E-05	<9.38E-05	<3.82E-05	<2.09E-05	108,063	10,039	<1.85E-01	<2.14E-01	<1.07E-04
Interface	Med	163	P	<1.65E-05	<9.93E-06	<2.19E-05	<1.45E-05	<1.59E-05					
Interface	Low	155	P	<9.44E-06	<9.46E-06	0.0029	0.0018	<5.98E-04	664,306	61,716	<3.69E+01	<4.28E+01	<2.14E-02
Non-Reaction Area	High	116		<9.09E-06	<1.21E-05	<9.52E-06	<9.50E-06	<9.54E-06	1,642,688	152,611	<1.46E+00	<1.69E+00	<8.43E-04
Non-Reaction Area	Med	199		<1.16E-05	<1.85E-05	<2.78E-05	0.0042	<1.64E-05	2,065,355	191,878	<3.24E+00	<3.75E+00	<1.88E-03
Non-Reaction Area	Med	31		<1.91E-05	<1.13E-05	<1.31E-05	0.0003	<1.73E-05					
Non-Reaction Area	Low	134		<9.39E-06	<1.49E-05	<1.79E-05	<1.43E-05	<1.27E-05	4,542,939	422,053	<5.35E+00	<6.20E+00	<3.10E-03
Non SEM Area								<1.47E-03	560,472	52,070	<7.67E+01	<8.88E+01	<4.44E-02
							Total		**12,905,294**	**1,198,941**	**<1.77E+03**	**<2.05E+03**	**<1.02E+00**

Road				<1.35E-05	0.0001	<1.08E-05	0.0001	<5.79E-05					

	(TPY)
Exceedance Area	<1.24E-03
Membrane	<9.49E-01
Interface	<2.20E-02
Non-Reaction Area	<5.82E-03
Average Flux (mg/m2-min)	<1.47E-03
Non-Reaction Area Flux (mg/m2-m)	<1.31E-05
Membrane Flux (mg/m2-min)	<6.41E-03
Interface Flux (mg/m2-min)	<4.60E-04
Road Flux (mg/m2-min)	<5.79E-05

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<4.44E-05	<2.60E-05	0.0001	<3.85E-05	<5.10E-05	452,665	42,054	<2.14E+00	<2.48E+00	<1.24E-03
Membrane	High	181		0.0001	0.0725	0.0004	0.0126	0.0101	1,063,263	98,780	999	1,157	0.579
Membrane	Low	188		0.0000	0.0000	0.0001	0.0001	0.0001	1,595,881	148,262	8.2	9.5	0.0048
Anomalous Cells	High	171		0.0209	0.0101	0.0155	0.0158	0.0194	49,687	4,616	89	104	0.052
Anomalous Cells	Low	172		<3.95E-03	<4.81E-03	0.0035	<8.75E-03	<4.10E-03	44,946	4,176	<1.71E+01	<1.98E+01	<9.92E-03
Interface	High	211		0.0001	<1.13E-05	0.0001	<1.21E-05	<7.55E-05	115,029	10,687	<8.06E-01	<9.34E-01	<4.67E-04
Interface	Med	212		<1.69E-05	<2.26E-05	<9.38E-05	<3.82E-05	<2.09E-05	108,063	10,039	<1.85E-01	<2.14E-01	<1.07E-04
Interface	Med	163	P	<1.65E-05	<9.93E-06	<2.19E-05	<1.45E-05	<1.59E-05					
Interface	Low	155	P	<9.44E-06	<9.46E-06	0.0029	0.0018	<5.98E-04	664,306	61,716	<3.69E+01	<4.28E+01	<2.14E-02
Non-Reaction Area	High	116		<9.09E-06	<1.21E-05	<9.52E-06	<9.50E-06	<9.54E-06	1,642,688	152,611	<1.46E+00	<1.69E+00	<8.43E-04
Non-Reaction Area	Med	199		<1.16E-05	<1.85E-05	<2.78E-05	0.0042	<1.64E-05	2,065,355	191,878	<3.24E+00	<3.75E+00	<1.88E-03
Non-Reaction Area	Med	31		<1.91E-05	<1.13E-05	<1.31E-05	0.0003	<1.73E-05					
Non-Reaction Area	Low	134		<9.39E-06	<1.49E-05	<1.79E-05	<1.43E-05	<1.27E-05	4,542,939	422,053	<5.35E+00	<6.20E+00	<3.10E-03
Non SEM Area								<1.01E-03	560,472	52,070	<5.28E+01	<6.12E+01	<3.06E-02
							Total		**12,905,294**	**1,198,941**	**<1.22E+03**	**<1.41E+03**	**<7.05E-01**

Road				<1.35E-05	0.0001	<1.08E-05	0.0001	<5.79E-05					

	(TPY)
Exceedance Area	<1.24E-03
Membrane	0.635
Interface	<2.20E-02
Non-Reaction Area	<5.82E-03
Anomalous Cells	<6.18E-02
Average Flux (mg/m2-min)	<1.01E-03
Non-Reaction Area Flux (mg/m2-m)	<1.31E-05
Membrane Flux (mg/m2-min)	0.00408
Interface Flux (mg/m2-min)	<4.60E-04
Anomalous Cells (mg/m2-min)	<1.21E-02

2-Butanone (MEK)
78-93-3

Legacy Protocol

		Rep		Flux (mg/m2-min)					Area Rep		Emissions		
Category	**Subset**	**Cell**	**M?**	**Low**	**Med**	**High**	**Max**	**W Avg**	**(ft2)**	**(m2)**	**(mg/min)**	**(lbs/yr)**	**(TPY)**
Exceedance Area		87		0.0007	0.0002	0.0004	0.0007	0.0006	452,665	42,054	24	27	0.014
Membrane	High	181		0.0001	0.0531	0.0003	0.0092	0.0074	654,090	60,767	453	524	0.262
Membrane	Med	171		0.0110	0.0097	0.0131	0.0167	0.0114	933,363	86,712	709	822	0.41
Membrane	Med	172		0.0048	0.0055	0.0050	0.0071	0.0050					
Membrane	Low	188		<3.87E-05	<4.73E-05	0.0003	<1.03E-04	<1.30E-04	1,166,324	108,355	<1.41E+01	<1.64E+01	<8.18E-03
Interface	High	211		<2.10E-05	<2.20E-05	<4.21E-05	<2.35E-05	<2.61E-05	115,029	10,687	<2.79E-01	<3.23E-01	<1.62E-04
Interface	Med	212		<3.27E-05	<4.39E-05	0.0012	<7.41E-05	<8.85E-05	108,063	10,039	<1.14E+00	<1.32E+00	<6.60E-04
Interface	Med	163	P	0.0001	0.0003	0.0002	0.0001	0.0001					
Interface	Low	155	P	0.0111	0.0000	0.0032	0.0009	0.0079	664,306	61,716	490	568	0.284
Non-Reaction Area	High	116		0.0003	0.0002	0.0001	0.0001	0.0003	1,642,688	152,611	45	53	0.026
Non-Reaction Area	Med	199		0.0001	0.0002	0.0006	0.0063	0.0002	2,065,355	191,878	<2.79E+01	<3.24E+01	<1.62E-02
Non-Reaction Area	Med	31		<3.71E-05	0.0004	0.0004	0.0002	<1.32E-04					
Non-Reaction Area	Low	134		0.0001	0.0005	0.0004	<2.78E-05	<3.00E-04	4,542,939	422,053	<1.27E+02	<1.47E+02	<7.34E-02
Non SEM Area								<1.65E-03	560,472	52,070	<8.59E+01	<9.95E+01	<4.98E-02
							Total		**12,905,294**	**1,198,941**	**<1.98E+03**	**<2.29E+03**	**<1.15E+00**

										(TPY)
Road			0.0004	0.0005	0.0004	0.0004	0.0004		Exceedance Area	0.014
									Membrane	<6.81E-01
									Interface	<2.85E-01
									Non-Reaction Area	<1.16E-01
									Average Flux (mg/m2-min)	<1.65E-03
									Non-Reaction Area Flux (mg/m2-m)	<2.61E-04
									Membrane Flux (mg/m2-min)	<4.60E-03
									Interface Flux (mg/m2-min)	<5.96E-03
									Road Flux (mg/m2-min)	0.0004

New Protocol

		Rep		Flux (mg/m2-min)					Area Rep		Emissions		
Category	**Subset**	**Cell**	**M?**	**Low**	**Med**	**High**	**Max**	**W Avg**	**(ft2)**	**(m2)**	**(mg/min)**	**(lbs/yr)**	**(TPY)**
Exceedance Area		87		0.0007	0.0002	0.0004	0.0007	0.0006	452,665	42,054	24	27	0.0137
Membrane	High	181		0.0001	0.0531	0.0003	0.0092	0.0074	1,063,263	98,780	736	852	0.426
Membrane	Low	188		0.0000	0.0000	0.0003	0.0001	0.0001	1,595,881	148,262	19.3	22.4	0.0112
Anomalous Cells	High	171		0.0110	0.0097	0.0131	0.0167	0.0114	49,687	4,616	52	61	0.030
Anomalous Cells	Low	172		<4.78E-03	<5.45E-03	0.0050	<7.11E-03	<5.01E-03	44,946	4,176	<2.09E+01	<2.42E+01	<1.21E-02
Interface	High	211		<2.10E-05	<2.20E-05	<4.21E-05	<2.35E-05	<2.61E-05	115,029	10,687	<2.79E-01	<3.23E-01	<1.62E-04
Interface	Med	212		<3.27E-05	<4.39E-05	0.0012	<7.41E-05	<8.85E-05	108,063	10,039	<1.14E+00	<1.32E+00	<6.60E-04
Interface	Med	163	P	0.0001	0.0003	0.0002	0.0001	0.0001					
Interface	Low	155	P	0.0111	0.0000	0.0032	0.0009	0.0079	664,306	61,716	490	568	0.284
Non-Reaction Area	High	116		0.0003	0.0002	0.0001	0.0001	0.0003	1,642,688	152,611	45	53	0.026
Non-Reaction Area	Med	199		0.0001	0.0002	0.0006	0.0063	0.0002	2,065,355	191,878	<2.79E+01	<3.24E+01	<1.62E-02
Non-Reaction Area	Med	31		<3.71E-05	0.0004	0.0004	0.0002	<1.32E-04					
Non-Reaction Area	Low	134		0.0001	0.0005	0.0004	<2.78E-05	<3.00E-04	4,542,939	422,053	<1.27E+02	<1.47E+02	<7.34E-02
Non SEM Area								<1.35E-03	560,472	52,070	<7.01E+01	<8.12E+01	<4.06E-02
							Total		**12,905,294**	**1,198,941**	**<1.61E+03**	**<1.87E+03**	**<9.35E-01**

										(TPY)
Road			0.0004	0.0005	0.0004	0.0004	0.0004		Exceedance Area	0.0137
									Membrane	0.468
									Interface	<2.85E-01
									Non-Reaction Area	<1.16E-01
									Anomalous Cells	<4.25E-02
									Average Flux (mg/m2-min)	<1.35E-03
									Non-Reaction Area Flux (mg/m2-m)	<2.61E-04
									Membrane Flux (mg/m2-min)	0.00306
									Interface Flux (mg/m2-min)	<5.96E-03
									Anomalous Cells (mg/m2-min)	<8.34E-03

Toluene
108-88-3

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<2.24E-04	<1.31E-04	0.0084	0.0079	<1.03E-03	452,665	42,054	<4.33E+01	<5.01E+01	<2.51E-02
Membrane	High	181		<4.58E-05	0.0485	<5.80E-05	0.0106	<6.73E-03	654,090	60,767	<4.09E+02	<4.74E+02	<2.37E-01
Membrane	Med	171		0.0122	0.0129	0.0120	0.0105	0.0122	933,363	86,712	<5.33E+02	<6.18E+02	<3.09E-01
Membrane	Med	172		<9.44E-05	<5.06E-05	<5.33E-05	0.0003	<7.38E-05					
Membrane	Low	188		<1.00E-04	<1.23E-04	<1.71E-04	<2.68E-04	<1.66E-04	1,166,324	108,355	<1.79E+01	<2.08E+01	<1.04E-02
Interface	High	211		0.0009	<5.70E-05	0.0042	<6.09E-05	<1.21E-03	115,029	10,687	<1.29E+01	<1.49E+01	<7.46E-03
Interface	Med	212		<8.49E-05	<1.14E-04	<4.72E-04	<1.92E-04	<1.05E-04	108,063	10,039	<9.30E-01	<1.08E+00	<5.39E-04
Interface	Med	163	P	<8.30E-05	<5.00E-05	<1.10E-04	<7.32E-05	<8.00E-05					
Interface	Low	155	P	<4.75E-05	<4.76E-05	0.0264	0.1039	<5.50E-03	664,306	61,716	<3.39E+02	<3.93E+02	<1.97E-01
Non-Reaction Area	High	116		<4.58E-05	<6.10E-05	<4.79E-05	<4.78E-05	<4.80E-05	1,642,688	152,611	<7.33E+00	<8.49E+00	<4.25E-03
Non-Reaction Area	Med	199		<5.86E-05	<9.31E-05	<1.40E-04	0.0013	<8.21E-05	2,065,355	191,878	<1.63E+01	<1.88E+01	<9.42E-03
Non-Reaction Area	Med	31		<9.63E-05	<5.67E-05	<6.57E-05	0.0034	<8.73E-05					
Non-Reaction Area	Low	134		<4.73E-05	<7.52E-05	<8.99E-05	<7.22E-05	<6.38E-05	4,542,939	422,053	<2.69E+01	<3.12E+01	<1.56E-02
Non SEM Area								<1.23E-03	560,472	52,070	<6.39E+01	<7.40E+01	<3.70E-02
							Total		**12,905,294**	**1,198,941**	**<1.47E+03**	**<1.70E+03**	**<8.52E-01**

Road				<6.82E-05	<4.98E-05	<5.46E-05	<5.11E-05	<5.83E-05					

	(TPY)
Exceedance Area	<2.51E-02
Membrane	<5.56E-01
Interface	<2.05E-01
Non-Reaction Area	<2.93E-02
Average Flux (mg/m2-min)	<1.23E-03
Non-Reaction Area Flux (mg/m2-m)	<6.59E-05
Membrane Flux (mg/m2-min)	<3.75E-03
Interface Flux (mg/m2-min)	<4.28E-03
Road Flux (mg/m2-min)	<5.83E-05

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<2.24E-04	<1.31E-04	0.0084	0.0079	<1.03E-03	452,665	42,054	<4.33E+01	<5.01E+01	<2.51E-02
Membrane	High	181		<4.58E-05	0.0485	<5.80E-05	0.0106	<6.73E-03	1,063,263	98,780	<6.65E+02	<7.71E+02	<3.85E-01
Membrane	Low	188		0.0001	0.0001	0.0002	0.0003	0.0002	1,595,881	148,262	24.6	28.4	0.0142
Anomalous Cells	High	171		<1.22E-02	<1.29E-02	<1.20E-02	0.0105	<1.22E-02	49,687	4,616	<5.64E+01	<6.54E+01	<3.27E-02
Anomalous Cells	Low	172		<9.44E-05	<5.06E-05	<5.33E-05	<2.70E-04	<7.38E-05	44,946	4,176	<3.08E-01	<3.57E-01	<1.78E-04
Interface	High	211		0.0009	<5.70E-05	0.0042	<6.09E-05	<1.21E-03	115,029	10,687	<1.29E+01	<1.49E+01	<7.46E-03
Interface	Med	212		<8.49E-05	<1.14E-04	<4.72E-04	<1.92E-04	<1.05E-04	108,063	10,039	<9.30E-01	<1.08E+00	<5.39E-04
Interface	Med	163	P	<8.30E-05	<5.00E-05	<1.10E-04	<7.32E-05	<8.00E-05					
Interface	Low	155	P	<4.75E-05	<4.76E-05	0.0264	0.1039	<5.50E-03	664,306	61,716	<3.39E+02	<3.93E+02	<1.97E-01
Non-Reaction Area	High	116		<4.58E-05	<6.10E-05	<4.79E-05	<4.78E-05	<4.80E-05	1,642,688	152,611	<7.33E+00	<8.49E+00	<4.25E-03
Non-Reaction Area	Med	199		<5.86E-05	<9.31E-05	<1.40E-04	0.0013	<8.21E-05	2,065,355	191,878	<1.63E+01	<1.88E+01	<9.42E-03
Non-Reaction Area	Med	31		<9.63E-05	<5.67E-05	<6.57E-05	0.0034	<8.73E-05					
Non-Reaction Area	Low	134		<4.73E-05	<7.52E-05	<8.99E-05	<7.22E-05	<6.38E-05	4,542,939	422,053	<2.69E+01	<3.12E+01	<1.56E-02
Non SEM Area								<1.04E-03	560,472	52,070	<5.42E+01	<6.28E+01	<3.14E-02
							Total		**12,905,294**	**1,198,941**	**<1.25E+03**	**<1.45E+03**	**<7.23E-01**

Road				<6.82E-05	<4.98E-05	<5.46E-05	<5.11E-05	<5.83E-05					

	(TPY)
Exceedance Area	<2.51E-02
Membrane	<4.32E-01
Interface	<2.05E-01
Non-Reaction Area	<2.93E-02
Anomalous Cells	<3.29E-02
Average Flux (mg/m2-min)	<1.04E-03
Non-Reaction Area Flux (mg/m2-m)	<6.59E-05
Membrane Flux (mg/m2-min)	<2.79E-03
Interface Flux (mg/m2-min)	<4.28E-03
Anomalous Cells (mg/m2-min)	<6.45E-03

Ethanol
64-17-5

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		0.0035	0.0029	0.0038	0.0053	0.0034	452,665	42,054	144	167	0.084
Membrane	High	181		0.0001	0.0085	0.0015	0.0013	0.0014	654,090	60,767	88	102	0.051
Membrane	Med	171		0.0024	0.0019	0.0012	0.0010	0.0022	933,363	86,712	223	258	0.13
Membrane	Med	172		0.0035	0.0014	0.0036	0.0046	0.0030					
Membrane	Low	188		<1.25E-04	0.0005	<2.14E-04	0.0016	<6.09E-04	1,166,324	108,355	<6.60E+01	<7.64E+01	<3.82E-02
Interface	High	211		0.0008	0.0030	0.0006	0.0002	0.0018	115,029	10,687	19	22	0.0109
Interface	Med	212		<1.06E-04	<1.42E-04	0.0176	0.0286	<9.05E-04	108,063	10,039	<1.02E+01	<1.19E+01	<5.93E-03
Interface	Med	163	P	0.0008	0.0025	0.0011	0.0007	0.0011					
Interface	Low	155	P	0.0009	0.0007	0.0011	<1.14E-04	<9.25E-04	664,306	61,716	<5.71E+01	<6.62E+01	<3.31E-02
Non-Reaction Area	High	116		0.0004	0.0002	<5.98E-05	0.0031	<3.32E-04	1,642,688	152,611	<5.07E+01	<5.87E+01	<2.94E-02
Non-Reaction Area	Med	199		0.0011	<1.16E-04	0.0013	0.0002	<6.04E-04	2,065,355	191,878	<1.04E+02	<1.20E+02	<6.01E-02
Non-Reaction Area	Med	31		<1.20E-04	0.0025	0.0007	0.0003	<4.77E-04					
Non-Reaction Area	Low	134		0.0002	0.0009	0.0005	<9.01E-05	<4.64E-04	4,542,939	422,053	<1.96E+02	<2.27E+02	<1.13E-01
Non SEM Area								<8.35E-04	560,472	52,070	<4.35E+01	<5.04E+01	<2.52E-02
							Total		**12,905,294**	**1,198,941**	**<1.00E+03**	**<1.16E+03**	**<5.80E-01**

Road				<8.50E-05	<6.22E-05	0.0001	0.0002	<8.49E-05					

	(TPY)
Exceedance Area	0.084
Membrane	<2.18E-01
Interface	<5.00E-02
Non-Reaction Area	<2.03E-01
Average Flux (mg/m2-min)	<8.35E-04
Non-Reaction Area Flux (mg/m2-m)	<4.57E-04
Membrane Flux (mg/m2-min)	<1.47E-03
Interface Flux (mg/m2-min)	<1.05E-03
Road Flux (mg/m2-min)	<8.49E-05

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		0.0035	0.0029	0.0038	0.0053	0.0034	452,665	42,054	144	167	0.0836
Membrane	High	181		0.0001	0.0085	0.0015	0.0013	0.0014	1,063,263	98,780	143	165	0.083
Membrane	Low	188		0.0001	0.0005	0.0002	0.0016	0.0006	1,595,881	148,262	90.3	104.6	0.0523
Anomalous Cells	High	171		0.0024	0.0019	0.0012	0.0010	0.0022	49,687	4,616	10	12	0.006
Anomalous Cells	Low	172		<3.55E-03	0.0014	<3.55E-03	0.0046	<2.96E-03	44,946	4,176	<1.24E+01	<1.43E+01	<7.17E-03
Interface	High	211		0.0008	0.0030	0.0006	0.0002	0.0018	115,029	10,687	18.9	21.9	0.0109
Interface	Med	212		<1.06E-04	<1.42E-04	0.0176	0.0286	<9.05E-04	108,063	10,039	<1.02E+01	<1.19E+01	<5.93E-03
Interface	Med	163	P	0.0008	0.0025	0.0011	0.0007	0.0011					
Interface	Low	155	P	0.0009	0.0007	0.0011	<1.14E-04	<9.25E-04	664,306	61,716	<5.71E+01	<6.62E+01	<3.31E-02
Non-Reaction Area	High	116		0.0004	0.0002	<5.98E-05	0.0031	<3.32E-04	1,642,688	152,611	<5.07E+01	<5.87E+01	<2.94E-02
Non-Reaction Area	Med	199		0.0011	<1.16E-04	0.0013	0.0002	<6.04E-04	2,065,355	191,878	<1.04E+02	<1.20E+02	<6.01E-02
Non-Reaction Area	Med	31		<1.20E-04	0.0025	0.0007	0.0003	<4.77E-04					
Non-Reaction Area	Low	134		0.0002	0.0009	0.0005	<9.01E-05	<4.64E-04	4,542,939	422,053	<1.96E+02	<2.27E+02	<1.13E-01
Non SEM Area								<7.29E-04	560,472	52,070	<3.80E+01	<4.40E+01	<2.20E-02
							Total		**12,905,294**	**1,198,941**	**<8.74E+02**	**<1.01E+03**	**<5.06E-01**

Road				<8.50E-05	<6.22E-05	0.0001	0.0002	<8.49E-05					

	(TPY)
Exceedance Area	0.0836
Membrane	0.141
Interface	<5.00E-02
Non-Reaction Area	<2.03E-01
Anomalous Cells	<1.30E-02
Average Flux (mg/m2-min)	<7.29E-04
Non-Reaction Area Flux (mg/m2-m)	<4.57E-04
Membrane Flux (mg/m2-min)	0.00094
Interface Flux (mg/m2-min)	<1.05E-03
Anomalous Cells (mg/m2-min)	<2.55E-03

Isopropyltoluene
99-87-6

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		0.0017	<1.91E-04	0.0007	0.0016	<1.36E-03	452,665	42,054	<5.74E+01	<6.65E+01	<3.33E-02
Membrane	High	181		0.0008	<1.34E-04	0.0034	0.0222	<1.00E-03	654,090	60,767	<6.09E+01	<7.05E+01	<3.53E-02
Membrane	Med	171		0.0147	0.0151	0.0153	0.0068	0.0148	933,363	86,712	<6.59E+02	<7.64E+02	<3.82E-01
Membrane	Med	172		<1.38E-04	0.0007	0.0006	0.0014	<3.99E-04					
Membrane	Low	188		<1.46E-04	<1.79E-04	<2.50E-04	<3.91E-04	<2.41E-04	1,166,324	108,355	<2.61E+01	<3.03E+01	<1.51E-02
Interface	High	211		0.0004	0.0002	0.0011	0.0002	0.0005	115,029	10,687	5	6	0.0030
Interface	Med	212		<1.24E-04	<1.66E-04	<6.88E-04	0.0018	<1.53E-04	108,063	10,039	<1.41E+01	<1.64E+01	<8.18E-03
Interface	Med	163	P	0.0036	0.0004	0.0004	0.0003	0.0027					
Interface	Low	155	P	0.0010	<6.94E-05	0.0037	0.1463	<1.41E-03	664,306	61,716	<8.72E+01	<1.01E+02	<5.05E-02
Non-Reaction Area	High	116		0.0003	<8.89E-05	0.0002	<6.97E-05	<2.37E-04	1,642,688	152,611	<3.62E+01	<4.19E+01	<2.10E-02
Non-Reaction Area	Med	199		0.0003	0.0007	0.0166	0.0008	0.0018	2,065,355	191,878	<1.92E+02	<2.23E+02	<1.11E-01
Non-Reaction Area	Med	31		<1.40E-04	<8.26E-05	0.0007	0.0120	<2.23E-04					
Non-Reaction Area	Low	134		<6.89E-05	0.0003	<1.31E-04	<1.05E-04	<1.38E-04	4,542,939	422,053	<5.82E+01	<6.75E+01	<3.37E-02
Non SEM Area								<1.04E-03	560,472	52,070	<5.43E+01	<6.30E+01	<3.15E-02
							Total		**12,905,294**	**1,198,941**	**<1.25E+03**	**<1.45E+03**	**<7.25E-01**

Road				<9.93E-05	0.0002	<7.96E-05	<7.45E-05	<1.59E-04					

	(TPY)
Exceedance Area	<3.33E-02
Membrane	<4.32E-01
Interface	<6.17E-02
Non-Reaction Area	<1.66E-01
Average Flux (mg/m2-min)	<1.04E-03
Non-Reaction Area Flux (mg/m2-m)	<3.74E-04
Membrane Flux (mg/m2-min)	<2.92E-03
Interface Flux (mg/m2-min)	<1.29E-03
Road Flux (mg/m2-min)	<1.59E-04

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		0.0017	<1.91E-04	0.0007	0.0016	<1.36E-03	452,665	42,054	<5.74E+01	<6.65E+01	<3.33E-02
Membrane	High	181		0.0008	<1.34E-04	0.0034	0.0222	<1.00E-03	1,063,263	98,780	<9.90E+01	<1.15E+02	<5.73E-02
Membrane	Low	188		0.0001	0.0002	0.0002	0.0004	0.0002	1,595,881	148,262	35.8	41.5	0.0207
Anomalous Cells	High	171		<1.47E-02	0.0151	0.0153	0.0068	<1.48E-02	49,687	4,616	<6.83E+01	<7.92E+01	<3.96E-02
Anomalous Cells	Low	172		<1.38E-04	<7.36E-04	<6.01E-04	<1.42E-03	<3.99E-04	44,946	4,176	<1.67E+00	<1.93E+00	<9.65E-04
Interface	High	211		0.0004	0.0002	0.0011	0.0002	0.0005	115,029	10,687	5.1	5.9	0.0030
Interface	Med	212		<1.24E-04	<1.66E-04	<6.88E-04	0.0018	<1.53E-04	108,063	10,039	<1.41E+01	<1.64E+01	<8.18E-03
Interface	Med	163	P	0.0036	0.0004	0.0004	0.0003	0.0027					
Interface	Low	155	P	0.0010	<6.94E-05	0.0037	0.1463	<1.41E-03	664,306	61,716	<8.72E+01	<1.01E+02	<5.05E-02
Non-Reaction Area	High	116		0.0003	<8.89E-05	0.0002	<6.97E-05	<2.37E-04	1,642,688	152,611	<3.62E+01	<4.19E+01	<2.10E-02
Non-Reaction Area	Med	199		0.0003	0.0007	0.0166	0.0008	0.0018	2,065,355	191,878	<1.92E+02	<2.23E+02	<1.11E-01
Non-Reaction Area	Med	31		<1.40E-04	<8.26E-05	0.0007	0.0120	<2.23E-04					
Non-Reaction Area	Low	134		<6.89E-05	0.0003	<1.31E-04	<1.05E-04	<1.38E-04	4,542,939	422,053	<5.82E+01	<6.75E+01	<3.37E-02
Non SEM Area								<5.71E-04	560,472	52,070	<2.97E+01	<3.45E+01	<1.72E-02
							Total		**12,905,294**	**1,198,941**	**<6.85E+02**	**<7.94E+02**	**<3.97E-01**

Road				<9.93E-05	0.0002	<7.96E-05	<7.45E-05	<1.59E-04					

	(TPY)
Exceedance Area	<3.33E-02
Membrane	<1.18E-01
Interface	<6.17E-02
Non-Reaction Area	<1.66E-01
Anomalous Cells	<4.06E-02
Average Flux (mg/m2-min)	<5.71E-04
Non-Reaction Area Flux (mg/m2-m)	<3.74E-04
Membrane Flux (mg/m2-min)	<5.45E-04
Interface Flux (mg/m2-min)	<1.29E-03
Anomalous Cells (mg/m2-min)	<7.96E-03

m,p-Xylenes
1330-20-7

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<1.27E-04	<7.43E-05	0.0084	0.0074	<9.42E-04	452,665	42,054	<3.96E+01	<4.59E+01	<2.30E-02
Membrane	High	181		<2.60E-05	0.0742	<3.29E-05	0.0120	<1.03E-02	654,090	60,767	<6.24E+02	<7.23E+02	<3.61E-01
Membrane	Med	171		0.0136	0.0143	0.0135	0.0090	0.0136	933,363	86,712	<5.92E+02	<6.86E+02	<3.43E-01
Membrane	Med	172		<5.36E-05	<2.88E-05	<3.03E-05	<2.86E-05	<4.19E-05					
Membrane	Low	188		<5.70E-05	<6.96E-05	<9.73E-05	<1.52E-04	<9.40E-05	1,166,324	108,355	<1.02E+01	<1.18E+01	<5.90E-03
Interface	High	211		0.0007	<3.24E-05	0.0016	<3.46E-05	<5.77E-04	115,029	10,687	<6.16E+00	<7.14E+00	<3.57E-03
Interface	Med	212		<4.82E-05	<6.46E-05	<2.68E-04	<1.09E-04	<5.97E-05	108,063	10,039	<5.28E-01	<6.12E-01	<3.06E-04
Interface	Med	163	P	<4.71E-05	<2.84E-05	<6.27E-05	<4.16E-05	<4.55E-05					
Interface	Low	155	P	<2.70E-05	<2.70E-05	0.0078	0.0254	<1.63E-03	664,306	61,716	<1.01E+02	<1.17E+02	<5.83E-02
Non-Reaction Area	High	116		<2.60E-05	<3.47E-05	<2.72E-05	<2.72E-05	<2.73E-05	1,642,688	152,611	<4.16E+00	<4.82E+00	<2.41E-03
Non-Reaction Area	Med	199		<3.33E-05	<5.29E-05	<7.96E-05	0.0003	<4.66E-05	2,065,355	191,878	<9.23E+00	<1.07E+01	<5.35E-03
Non-Reaction Area	Med	31		<5.47E-05	<3.22E-05	<3.73E-05	0.0017	<4.96E-05					
Non-Reaction Area	Low	134		<2.68E-05	<4.27E-05	<5.11E-05	<4.10E-05	<3.62E-05	4,542,939	422,053	<1.53E+01	<1.77E+01	<8.86E-03
Non SEM Area								<1.22E-03	560,472	52,070	<6.36E+01	<7.37E+01	<3.69E-02
							Total		**12,905,294**	**1,198,941**	**<1.46E+03**	**<1.70E+03**	**<8.49E-01**

Road				<3.87E-05	<2.83E-05	<3.10E-05	<2.90E-05	<3.31E-05					

	(TPY)
Exceedance Area	<2.30E-02
Membrane	<7.10E-01
Interface	<6.21E-02
Non-Reaction Area	<1.66E-02
Average Flux (mg/m2-min)	<1.22E-03
Non-Reaction Area Flux (mg/m2-m)	<3.74E-05
Membrane Flux (mg/m2-min)	<4.79E-03
Interface Flux (mg/m2-min)	<1.30E-03
Road Flux (mg/m2-min)	<3.31E-05

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<1.27E-04	<7.43E-05	0.0084	0.0074	<9.42E-04	452,665	42,054	<3.96E+01	<4.59E+01	<2.30E-02
Membrane	High	181		<2.60E-05	0.0742	<3.29E-05	0.0120	<1.03E-02	1,063,263	98,780	<1.01E+03	<1.17E+03	<5.87E-01
Membrane	Low	188		0.0001	0.0001	0.0001	0.0002	0.0001	1,595,881	148,262	13.9	16.2	0.0081
Anomalous Cells	High	171		<1.36E-02	<1.43E-02	<1.35E-02	<9.02E-03	<1.36E-02	49,687	4,616	<6.28E+01	<7.28E+01	<3.64E-02
Anomalous Cells	Low	172		<5.36E-05	<2.88E-05	<3.03E-05	<2.86E-05	<4.19E-05	44,946	4,176	<1.75E-01	<2.03E-01	<1.01E-04
Interface	High	211		0.0007	<3.24E-05	0.0016	<3.46E-05	<5.77E-04	115,029	10,687	<6.16E+00	<7.14E+00	<3.57E-03
Interface	Med	212		<4.82E-05	<6.46E-05	<2.68E-04	<1.09E-04	<5.97E-05	108,063	10,039	<5.28E-01	<6.12E-01	<3.06E-04
Interface	Med	163	P	<4.71E-05	<2.84E-05	<6.27E-05	<4.16E-05	<4.55E-05					
Interface	Low	155	P	<2.70E-05	<2.70E-05	0.0078	0.0254	<1.63E-03	664,306	61,716	<1.01E+02	<1.17E+02	<5.83E-02
Non-Reaction Area	High	116		<2.60E-05	<3.47E-05	<2.72E-05	<2.72E-05	<2.73E-05	1,642,688	152,611	<4.16E+00	<4.82E+00	<2.41E-03
Non-Reaction Area	Med	199		<3.33E-05	<5.29E-05	<7.96E-05	0.0003	<4.66E-05	2,065,355	191,878	<9.23E+00	<1.07E+01	<5.35E-03
Non-Reaction Area	Med	31		<5.47E-05	<3.22E-05	<3.73E-05	0.0017	<4.96E-05					
Non-Reaction Area	Low	134		<2.68E-05	<4.27E-05	<5.11E-05	<4.10E-05	<3.62E-05	4,542,939	422,053	<1.53E+01	<1.77E+01	<8.86E-03
Non SEM Area								<1.10E-03	560,472	52,070	<5.75E+01	<6.66E+01	<3.33E-02
							Total		**12,905,294**	**1,198,941**	**<1.32E+03**	**<1.53E+03**	**<7.67E-01**

Road				<3.87E-05	<2.83E-05	<3.10E-05	<2.90E-05	<3.31E-05					

	(TPY)
Exceedance Area	<2.30E-02
Membrane	<6.32E-01
Interface	<6.21E-02
Non-Reaction Area	<1.66E-02
Anomalous Cells	<3.65E-02
Average Flux (mg/m2-min)	<1.10E-03
Non-Reaction Area Flux (mg/m2-m)	<3.74E-05
Membrane Flux (mg/m2-min)	<4.16E-03
Interface Flux (mg/m2-min)	<1.30E-03
Anomalous Cells (mg/m2-min)	<7.17E-03

Ethylbenzene

100-41-4

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<1.27E-04	<7.43E-05	0.0065	0.0037	<7.53E-04	452,665	42,054	<3.17E+01	<3.67E+01	<1.83E-02
Membrane	High	181		<2.60E-05	0.0695	<3.29E-05	0.0109	<9.61E-03	654,090	60,767	<5.84E+02	<6.77E+02	<3.38E-01
Membrane	Med	171		0.0129	0.0135	0.0141	0.0097	0.0132	933,363	86,712	<5.72E+02	<6.63E+02	<3.32E-01
Membrane	Med	172		<5.36E-05	<2.88E-05	<3.03E-05	0.0002	<4.19E-05					
Membrane	Low	188		<5.70E-05	<6.96E-05	<9.73E-05	<1.52E-04	<9.40E-05	1,166,324	108,355	<1.02E+01	<1.18E+01	<5.90E-03
Interface	High	211		0.0001	<3.24E-05	0.0004	<3.46E-05	<1.37E-04	115,029	10,687	<1.46E+00	<1.69E+00	<8.47E-04
Interface	Med	212		<4.82E-05	<6.46E-05	<2.68E-04	<1.09E-04	<5.97E-05	108,063	10,039	<5.28E-01	<6.12E-01	<3.06E-04
Interface	Med	163	P	<4.71E-05	<2.84E-05	<6.27E-05	<4.16E-05	<4.55E-05					
Interface	Low	155	P	<2.70E-05	<2.70E-05	0.0070	0.0205	<1.46E-03	664,306	61,716	<9.02E+01	<1.05E+02	<5.23E-02
Non-Reaction Area	High	116		<2.60E-05	<3.47E-05	<2.72E-05	<2.72E-05	<2.73E-05	1,642,688	152,611	<4.16E+00	<4.82E+00	<2.41E-03
Non-Reaction Area	Med	199		<3.33E-05	<5.29E-05	<7.96E-05	<3.15E-05	<4.66E-05	2,065,355	191,878	<9.23E+00	<1.07E+01	<5.35E-03
Non-Reaction Area	Med	31		<5.47E-05	<3.22E-05	<3.73E-05	0.0035	<4.96E-05					
Non-Reaction Area	Low	134		<2.68E-05	<4.27E-05	<5.11E-05	<4.10E-05	<3.62E-05	4,542,939	422,053	<1.53E+01	<1.77E+01	<8.86E-03
Non SEM Area								<1.15E-03	560,472	52,070	<5.99E+01	<6.94E+01	<3.47E-02
							Total		**12,905,294**	**1,198,941**	**<1.38E+03**	**<1.60E+03**	**<7.99E-01**

Road				<3.87E-05	<2.83E-05	<3.10E-05	<2.90E-05	<3.31E-05					

	(TPY)
Exceedance Area	<1.83E-02
Membrane	<6.76E-01
Interface	<5.34E-02
Non-Reaction Area	<1.66E-02
Average Flux (mg/m2-min)	<1.15E-03
Non-Reaction Area Flux (mg/m2-m)	<3.74E-05
Membrane Flux (mg/m2-min)	<4.56E-03
Interface Flux (mg/m2-min)	<1.12E-03
Road Flux (mg/m2-min)	<3.31E-05

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<1.27E-04	<7.43E-05	0.0065	0.0037	<7.53E-04	452,665	42,054	<3.17E+01	<3.67E+01	<1.83E-02
Membrane	High	181		<2.60E-05	0.0695	<3.29E-05	0.0109	<9.61E-03	1,063,263	98,780	<9.49E+02	<1.10E+03	<5.50E-01
Membrane	Low	188		0.0001	0.0001	0.0001	0.0002	0.0001	1,595,881	148,262	13.9	16.2	0.0081
Anomalous Cells	High	171		<1.29E-02	<1.35E-02	<1.41E-02	0.0097	<1.32E-02	49,687	4,616	<6.07E+01	<7.04E+01	<3.52E-02
Anomalous Cells	Low	172		<5.36E-05	<2.88E-05	<3.03E-05	<2.44E-04	<4.19E-05	44,946	4,176	<1.75E-01	<2.03E-01	<1.01E-04
Interface	High	211		0.0001	<3.24E-05	0.0004	<3.46E-05	<1.37E-04	115,029	10,687	<1.46E+00	<1.69E+00	<8.47E-04
Interface	Med	212		<4.82E-05	<6.46E-05	<2.68E-04	<1.09E-04	<5.97E-05	108,063	10,039	<5.28E-01	<6.12E-01	<3.06E-04
Interface	Med	163	P	<4.71E-05	<2.84E-05	<6.27E-05	<4.16E-05	<4.55E-05					
Interface	Low	155	P	<2.70E-05	<2.70E-05	0.0070	0.0205	<1.46E-03	664,306	61,716	<9.02E+01	<1.05E+02	<5.23E-02
Non-Reaction Area	High	116		<2.60E-05	<3.47E-05	<2.72E-05	<2.72E-05	<2.73E-05	1,642,688	152,611	<4.16E+00	<4.82E+00	<2.41E-03
Non-Reaction Area	Med	199		<3.33E-05	<5.29E-05	<7.96E-05	<3.15E-05	<4.66E-05	2,065,355	191,878	<9.23E+00	<1.07E+01	<5.35E-03
Non-Reaction Area	Med	31		<5.47E-05	<3.22E-05	<3.73E-05	0.0035	<4.96E-05					
Non-Reaction Area	Low	134		<2.68E-05	<4.27E-05	<5.11E-05	<4.10E-05	<3.62E-05	4,542,939	422,053	<1.53E+01	<1.77E+01	<8.86E-03
Non SEM Area								<1.03E-03	560,472	52,070	<5.34E+01	<6.19E+01	<3.09E-02
							Total		**12,905,294**	**1,198,941**	**<1.23E+03**	**<1.43E+03**	**<7.13E-01**

Road				<3.87E-05	<2.83E-05	<3.10E-05	<2.90E-05	<3.31E-05					

	(TPY)
Exceedance Area	<1.83E-02
Membrane	<5.93E-01
Interface	<5.34E-02
Non-Reaction Area	<1.66E-02
Anomalous Cells	<3.53E-02
Average Flux (mg/m2-min)	<1.03E-03
Non-Reaction Area Flux (mg/m2-m)	<3.74E-05
Membrane Flux (mg/m2-min)	<3.90E-03
Interface Flux (mg/m2-min)	<1.12E-03
Anomalous Cells (mg/m2-min)	<6.93E-03

n-Heptane
142-82-5

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<1.20E-04	<7.01E-05	0.0009	0.0021	<1.87E-04	452,665	42,054	<7.84E+00	<9.09E+00	<4.54E-03
Membrane	High	181		<2.45E-05	0.0018	<3.11E-05	0.0006	<2.64E-04	654,090	60,767	<1.60E+01	<1.86E+01	<9.29E-03
Membrane	Med	171		0.0005	0.0006	0.0007	0.0005	0.0005	933,363	86,712	<2.53E+01	<2.93E+01	<1.47E-02
Membrane	Med	172		<5.06E-05	<2.71E-05	<2.86E-05	<2.70E-05	<3.95E-05					
Membrane	Low	188		<5.38E-05	<6.57E-05	<9.18E-05	<1.44E-04	<8.87E-05	1,166,324	108,355	<9.61E+00	<1.11E+01	<5.57E-03
Interface	High	211		0.0001	<3.05E-05	0.0007	<3.27E-05	<2.13E-04	115,029	10,687	<2.28E+00	<2.64E+00	<1.32E-03
Interface	Med	212		<4.55E-05	<6.10E-05	<2.53E-04	0.0011	<5.64E-05	108,063	10,039	<2.57E+00	<2.97E+00	<1.49E-03
Interface	Med	163	P	0.0006	0.0002	0.0002	0.0002	0.0005					
Interface	Low	155	P	<2.55E-05	<2.55E-05	0.0220	0.0869	<4.57E-03	664,306	61,716	<2.82E+02	<3.27E+02	<1.63E-01
Non-Reaction Area	High	116		<2.45E-05	<3.27E-05	<2.57E-05	<2.56E-05	<2.57E-05	1,642,688	152,611	<3.93E+00	<4.55E+00	<2.28E-03
Non-Reaction Area	Med	199		<3.14E-05	0.0002	<7.51E-05	0.0043	<1.30E-04	2,065,355	191,878	<1.96E+01	<2.27E+01	<1.14E-02
Non-Reaction Area	Med	31		<5.16E-05	<3.04E-05	0.0002	0.0049	<7.50E-05					
Non-Reaction Area	Low	134		<2.53E-05	<4.03E-05	<4.82E-05	<3.87E-05	<3.42E-05	4,542,939	422,053	<1.44E+01	<1.67E+01	<8.36E-03
Non SEM Area								<3.34E-04	560,472	52,070	<1.74E+01	<2.02E+01	<1.01E-02
							Total		**12,905,294**	**1,198,941**	**<4.01E+02**	**<4.65E+02**	**<2.32E-01**

Road				<3.65E-05	<2.67E-05	<2.93E-05	<2.74E-05	<3.12E-05					

	(TPY)
Exceedance Area	<4.54E-03
Membrane	<2.95E-02
Interface	<1.66E-01
Non-Reaction Area	<2.20E-02
Average Flux (mg/m2-min)	<3.34E-04
Non-Reaction Area Flux (mg/m2-m)	<4.95E-05
Membrane Flux (mg/m2-min)	<1.99E-04
Interface Flux (mg/m2-min)	<3.48E-03
Road Flux (mg/m2-min)	<3.12E-05

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<1.20E-04	<7.01E-05	0.0009	0.0021	<1.87E-04	452,665	42,054	<7.84E+00	<9.09E+00	<4.54E-03
Membrane	High	181		<2.45E-05	0.0018	<3.11E-05	0.0006	<2.64E-04	1,063,263	98,780	<2.61E+01	<3.02E+01	<1.51E-02
Membrane	Low	188		0.0001	0.0001	0.0001	0.0001	0.0001	1,595,881	148,262	13.2	15.2	0.0076
Anomalous Cells	High	171		<5.02E-04	<6.48E-04	<6.87E-04	<5.11E-04	<5.45E-04	49,687	4,616	<2.51E+00	<2.91E+00	<1.46E-03
Anomalous Cells	Low	172		<5.06E-05	<2.71E-05	<2.86E-05	<2.70E-05	<3.95E-05	44,946	4,176	<1.65E-01	<1.91E-01	<9.56E-05
Interface	High	211		0.0001	<3.05E-05	0.0007	<3.27E-05	<2.13E-04	115,029	10,687	<2.28E+00	<2.64E+00	<1.32E-03
Interface	Med	212		<4.55E-05	<6.10E-05	<2.53E-04	0.0011	<5.64E-05	108,063	10,039	<2.57E+00	<2.97E+00	<1.49E-03
Interface	Med	163	P	0.0006	0.0002	0.0002	0.0002	0.0005					
Interface	Low	155	P	<2.55E-05	<2.55E-05	0.0220	0.0869	<4.57E-03	664,306	61,716	<2.82E+02	<3.27E+02	<1.63E-01
Non-Reaction Area	High	116		<2.45E-05	<3.27E-05	<2.57E-05	<2.56E-05	<2.57E-05	1,642,688	152,611	<3.93E+00	<4.55E+00	<2.28E-03
Non-Reaction Area	Med	199		<3.14E-05	0.0002	<7.51E-05	0.0043	<1.30E-04	2,065,355	191,878	<1.96E+01	<2.27E+01	<1.14E-02
Non-Reaction Area	Med	31		<5.16E-05	<3.04E-05	0.0002	0.0049	<7.50E-05					
Non-Reaction Area	Low	134		<2.53E-05	<4.03E-05	<4.82E-05	<3.87E-05	<3.42E-05	4,542,939	422,053	<1.44E+01	<1.67E+01	<8.36E-03
Non SEM Area								<3.27E-04	560,472	52,070	<1.70E+01	<1.97E+01	<9.85E-03
							Total		**12,905,294**	**1,198,941**	**<3.91E+02**	**<4.54E+02**	**<2.27E-01**

Road				<3.65E-05	<2.67E-05	<2.93E-05	<2.74E-05	<3.12E-05					

	(TPY)
Exceedance Area	<4.54E-03
Membrane	<2.42E-02
Interface	<1.66E-01
Non-Reaction Area	<2.20E-02
Anomalous Cells	<1.55E-03
Average Flux (mg/m2-min)	<3.27E-04
Non-Reaction Area Flux (mg/m2-m)	<4.95E-05
Membrane Flux (mg/m2-min)	<1.59E-04
Interface Flux (mg/m2-min)	<3.48E-03
Anomalous Cells (mg/m2-min)	<3.05E-04

Decane
124-18-5

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<3.46E-04	<2.02E-04	0.0015	0.0010	<4.32E-04	452,665	42,054	<1.82E+01	<2.11E+01	<1.05E-02
Membrane	High	181		<7.07E-05	0.0344	0.0004	0.0126	<4.85E-03	654,090	60,767	<2.94E+02	<3.41E+02	<1.71E-01
Membrane	Med	171		0.0087	0.0093	0.0092	0.0024	0.0088	933,363	86,712	<3.87E+02	<4.48E+02	<2.24E-01
Membrane	Med	172		<1.46E-04	<7.82E-05	<8.24E-05	0.0003	<1.14E-04					
Membrane	Low	188		<1.55E-04	<1.89E-04	<2.65E-04	<4.14E-04	<2.56E-04	1,166,324	108,355	<2.77E+01	<3.21E+01	<1.61E-02
Interface	High	211		0.0004	0.0002	0.0005	<9.42E-05	<3.33E-04	115,029	10,687	<3.55E+00	<4.12E+00	<2.06E-03
Interface	Med	212		<1.31E-04	<1.76E-04	<7.30E-04	<2.97E-04	<1.62E-04	108,063	10,039	<1.44E+00	<1.66E+00	<8.32E-04
Interface	Med	163	P	<1.28E-04	<7.72E-05	<1.71E-04	<1.13E-04	<1.24E-04					
Interface	Low	155	P	0.0005	<7.36E-05	<1.40E-04	0.0071	<3.63E-04	664,306	61,716	<2.24E+01	<2.59E+01	<1.30E-02
Non-Reaction Area	High	116		<7.07E-05	<9.43E-05	<7.40E-05	<7.39E-05	<7.42E-05	1,642,688	152,611	<1.13E+01	<1.31E+01	<6.56E-03
Non-Reaction Area	Med	199		<9.05E-05	<1.44E-04	0.0287	0.0004	<2.32E-03	2,065,355	191,878	<2.35E+02	<2.73E+02	<1.36E-01
Non-Reaction Area	Med	31		<1.49E-04	<8.76E-05	<1.02E-04	0.0007	<1.35E-04					
Non-Reaction Area	Low	134		<7.30E-05	<1.16E-04	<1.39E-04	<1.12E-04	<9.86E-05	4,542,939	422,053	<4.16E+01	<4.82E+01	<2.41E-02
Non SEM Area								<9.09E-04	560,472	52,070	<4.73E+01	<5.49E+01	<2.74E-02
							Total		**12,905,294**	**1,198,941**	**<1.09E+03**	**<1.26E+03**	**<6.32E-01**

														(TPY)
Road				<1.05E-04	<7.70E-05	<8.44E-05	<7.90E-05	<9.00E-05		Exceedance Area				<1.05E-02
										Membrane				<4.11E-01
										Interface				<1.59E-02
										Non-Reaction Area				<1.67E-01
										Average Flux (mg/m2-min)				<9.09E-04
										Non-Reaction Area Flux (mg/m2-m)				<3.76E-04
										Membrane Flux (mg/m2-min)				<2.77E-03
										Interface Flux (mg/m2-min)				<3.32E-04
										Road Flux (mg/m2-min)				<9.00E-05

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<3.46E-04	<2.02E-04	0.0015	0.0010	<4.32E-04	452,665	42,054	<1.82E+01	<2.11E+01	<1.05E-02
Membrane	High	181		<7.07E-05	0.0344	0.0004	0.0126	<4.85E-03	1,063,263	98,780	<4.79E+02	<5.55E+02	<2.77E-01
Membrane	Low	188		0.0002	0.0002	0.0003	0.0004	0.0003	1,595,881	148,262	37.9	44.0	0.0220
Anomalous Cells	High	171		<8.68E-03	<9.33E-03	<9.19E-03	0.0024	<8.81E-03	49,687	4,616	<4.07E+01	<4.71E+01	<2.36E-02
Anomalous Cells	Low	172		<1.46E-04	<7.82E-05	<8.24E-05	<2.62E-04	<1.14E-04	44,946	4,176	<4.76E-01	<5.51E-01	<2.76E-04
Interface	High	211		0.0004	0.0002	0.0005	<9.42E-05	<3.33E-04	115,029	10,687	<3.55E+00	<4.12E+00	<2.06E-03
Interface	Med	212		<1.31E-04	<1.76E-04	<7.30E-04	<2.97E-04	<1.62E-04	108,063	10,039	<1.44E+00	<1.66E+00	<8.32E-04
Interface	Med	163	P	<1.28E-04	<7.72E-05	<1.71E-04	<1.13E-04	<1.24E-04					
Interface	Low	155	P	0.0005	<7.36E-05	<1.40E-04	0.0071	<3.63E-04	664,306	61,716	<2.24E+01	<2.59E+01	<1.30E-02
Non-Reaction Area	High	116		<7.07E-05	<9.43E-05	<7.40E-05	<7.39E-05	<7.42E-05	1,642,688	152,611	<1.13E+01	<1.31E+01	<6.56E-03
Non-Reaction Area	Med	199		<9.05E-05	<1.44E-04	0.0287	0.0004	<2.32E-03	2,065,355	191,878	<2.35E+02	<2.73E+02	<1.36E-01
Non-Reaction Area	Med	31		<1.49E-04	<8.76E-05	<1.02E-04	0.0007	<1.35E-04					
Non-Reaction Area	Low	134		<7.30E-05	<1.16E-04	<1.39E-04	<1.12E-04	<9.86E-05	4,542,939	422,053	<4.16E+01	<4.82E+01	<2.41E-02
Non SEM Area								<7.77E-04	560,472	52,070	<4.05E+01	<4.69E+01	<2.34E-02
							Total		**12,905,294**	**1,198,941**	**<9.32E+02**	**<1.08E+03**	**<5.40E-01**

														(TPY)
Road				<1.05E-04	<7.70E-05	<8.44E-05	<7.90E-05	<9.00E-05		Exceedance Area				<1.05E-02
										Membrane				<3.23E-01
										Interface				<1.59E-02
										Non-Reaction Area				<1.67E-01
										Anomalous Cells				<2.38E-02
										Average Flux (mg/m2-min)				<7.77E-04
										Non-Reaction Area Flux (mg/m2-m)				<3.76E-04
										Membrane Flux (mg/m2-min)				<2.09E-03
										Interface Flux (mg/m2-min)				<3.32E-04
										Anomalous Cells (mg/m2-min)				<4.68E-03

Cyclohexane

110-82-7

Legacy Protocol

		Rep		Flux (mg/m2-min)					Area Rep		Emissions		
Category	**Subset**	**Cell**	**M?**	**Low**	**Med**	**High**	**Max**	**W Avg**	**(ft2)**	**(m2)**	**(mg/min)**	**(lbs/yr)**	**(TPY)**
Exceedance Area		87		<5.19E-05	<3.03E-05	0.0005	0.0021	<9.09E-05	452,665	42,054	<3.82E+00	<4.43E+00	<2.22E-03
Membrane	High	181		<1.06E-05	<2.13E-05	<1.34E-05	<1.41E-05	<1.24E-05	654,090	60,767	<7.53E-01	<8.72E-01	<4.36E-04
Membrane	Med	171		<1.10E-05	<1.08E-05	<1.08E-05	<1.08E-05	<1.10E-05	933,363	86,712	<1.22E+00	<1.41E+00	<7.05E-04
Membrane	Med	172		<2.19E-05	<1.17E-05	<1.24E-05	<1.17E-05	<1.71E-05					
Membrane	Low	188		<2.33E-05	<2.84E-05	<3.97E-05	<6.22E-05	<3.84E-05	1,166,324	108,355	<4.16E+00	<4.82E+00	<2.41E-03
Interface	High	211		<1.27E-05	<1.32E-05	<2.53E-05	<1.41E-05	<1.57E-05	115,029	10,687	<1.68E-01	<1.94E-01	<9.72E-05
Interface	Med	212		<1.97E-05	<2.64E-05	<1.10E-04	0.0033	<2.45E-05	108,063	10,039	<3.76E+00	<4.36E+00	<2.18E-03
Interface	Med	163	P	0.0009	0.0002	0.0003	0.0006	0.0007					
Interface	Low	155	P	<1.10E-05	0.0003	0.0141	0.0426	<2.96E-03	664,306	61,716	<1.83E+02	<2.12E+02	<1.06E-01
Non-Reaction Area	High	116		<1.06E-05	<1.42E-05	<1.11E-05	<1.11E-05	<1.11E-05	1,642,688	152,611	<1.70E+00	<1.97E+00	<9.85E-04
Non-Reaction Area	Med	199		<1.36E-05	0.0008	0.0002	0.0060	<4.00E-04	2,065,355	191,878	<4.65E+01	<5.38E+01	<2.69E-02
Non-Reaction Area	Med	31		<2.23E-05	0.0001	0.0004	0.0043	<8.48E-05					
Non-Reaction Area	Low	134		<1.10E-05	<1.74E-05	<2.09E-05	<1.67E-05	<1.48E-05	4,542,939	422,053	<6.25E+00	<7.24E+00	<3.62E-03
Non SEM Area								<2.19E-04	560,472	52,070	<1.14E+01	<1.32E+01	<6.61E-03
							Total		**12,905,294**	**1,198,941**	**<2.63E+02**	**<3.04E+02**	**<1.52E-01**

														(TPY)
Road				<1.58E-05	<1.16E-05	<1.27E-05	<1.19E-05	<1.35E-05					Exceedance Area	<2.22E-03
													Membrane	<3.55E-03
													Interface	<1.08E-01
													Non-Reaction Area	<3.15E-02
													Average Flux (mg/m2-min)	<2.19E-04
													Non-Reaction Area Flux (mg/m2-m)	<7.10E-05
													Membrane Flux (mg/m2-min)	<2.40E-05
													Interface Flux (mg/m2-min)	<2.27E-03
													Road Flux (mg/m2-min)	<1.35E-05

New Protocol

		Rep		Flux (mg/m2-min)					Area Rep		Emissions		
Category	**Subset**	**Cell**	**M?**	**Low**	**Med**	**High**	**Max**	**W Avg**	**(ft2)**	**(m2)**	**(mg/min)**	**(lbs/yr)**	**(TPY)**
Exceedance Area		87		<5.19E-05	<3.03E-05	0.0005	0.0021	<9.09E-05	452,665	42,054	<3.82E+00	<4.43E+00	<2.22E-03
Membrane	High	181		<1.06E-05	<2.13E-05	<1.34E-05	<1.41E-05	<1.24E-05	1,063,263	98,780	<1.22E+00	<1.42E+00	<7.09E-04
Membrane	Low	188		<2.33E-05	<2.84E-05	<3.97E-05	<6.22E-05	<3.84E-05	1,595,881	148,262	<5.69E+00	<6.60E+00	<3.30E-03
Anomalous Cells	High	171		<1.10E-05	<1.08E-05	<1.08E-05	<1.08E-05	<1.10E-05	49,687	4,616	<5.06E-02	<5.86E-02	<2.93E-05
Anomalous Cells	Low	172		<2.19E-05	<1.17E-05	<1.24E-05	<1.17E-05	<1.71E-05	44,946	4,176	<7.14E-02	<8.28E-02	<4.14E-05
Interface	High	211		<1.27E-05	<1.32E-05	<2.53E-05	<1.41E-05	<1.57E-05	115,029	10,687	<1.68E-01	<1.94E-01	<9.72E-05
Interface	Med	212		<1.97E-05	<2.64E-05	<1.10E-04	0.0033	<2.45E-05	108,063	10,039	<3.76E+00	<4.36E+00	<2.18E-03
Interface	Med	163	P	0.0009	0.0002	0.0003	0.0006	0.0007					
Interface	Low	155	P	<1.10E-05	0.0003	0.0141	0.0426	<2.96E-03	664,306	61,716	<1.83E+02	<2.12E+02	<1.06E-01
Non-Reaction Area	High	116		<1.06E-05	<1.42E-05	<1.11E-05	<1.11E-05	<1.11E-05	1,642,688	152,611	<1.70E+00	<1.97E+00	<9.85E-04
Non-Reaction Area	Med	199		<1.36E-05	0.0008	0.0002	0.0060	<4.00E-04	2,065,355	191,878	<4.65E+01	<5.38E+01	<2.69E-02
Non-Reaction Area	Med	31		<2.23E-05	0.0001	0.0004	0.0043	<8.48E-05					
Non-Reaction Area	Low	134		<1.10E-05	<1.74E-05	<2.09E-05	<1.67E-05	<1.48E-05	4,542,939	422,053	<6.25E+00	<7.24E+00	<3.62E-03
Non SEM Area								<2.20E-04	560,472	52,070	<1.14E+01	<1.33E+01	<6.63E-03
							Total		**12,905,294**	**1,198,941**	**<2.64E+02**	**<3.05E+02**	**<1.53E-01**

														(TPY)
Road				<1.58E-05	<1.16E-05	<1.27E-05	<1.19E-05	<1.35E-05					Exceedance Area	<2.22E-03
													Membrane	<4.04E-03
													Interface	<1.08E-01
													Non-Reaction Area	<3.15E-02
													Anomalous Cells	<7.07E-05
													Average Flux (mg/m2-min)	<2.20E-04
													Non-Reaction Area Flux (mg/m2-m)	<7.10E-05
													Membrane Flux (mg/m2-min)	<2.80E-05
													Interface Flux (mg/m2-min)	<2.27E-03
													Anomalous Cells (mg/m2-min)	<1.39E-05

o-Xylene
95-47-6

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<1.27E-04	<7.43E-05	0.0072	0.0056	<8.22E-04	452,665	42,054	<3.46E+01	<4.00E+01	<2.00E-02
Membrane	High	181		<2.60E-05	0.0219	<3.29E-05	0.0058	<3.04E-03	654,090	60,767	<1.85E+02	<2.14E+02	<1.07E-01
Membrane	Med	171		0.0053	0.0058	0.0055	0.0026	0.0054	933,363	86,712	<2.35E+02	<2.73E+02	<1.36E-01
Membrane	Med	172		<5.36E-05	<2.88E-05	<3.03E-05	<2.86E-05	<4.19E-05					
Membrane	Low	188		<5.70E-05	<6.96E-05	<9.73E-05	<1.52E-04	<9.40E-05	1,166,324	108,355	<1.02E+01	<1.18E+01	<5.90E-03
Interface	High	211		<3.10E-05	<3.24E-05	<6.20E-05	<3.46E-05	<3.84E-05	115,029	10,687	<4.11E-01	<4.76E-01	<2.38E-04
Interface	Med	212		<4.82E-05	<6.46E-05	<2.68E-04	<1.09E-04	<5.97E-05	108,063	10,039	<5.28E-01	<6.12E-01	<3.06E-04
Interface	Med	163	P	<4.71E-05	<2.84E-05	<6.27E-05	<4.16E-05	<4.55E-05					
Interface	Low	155	P	<2.70E-05	<2.70E-05	0.0022	0.0126	<4.76E-04	664,306	61,716	<2.94E+01	<3.40E+01	<1.70E-02
Non-Reaction Area	High	116		<2.60E-05	<3.47E-05	<2.72E-05	<2.72E-05	<2.73E-05	1,642,688	152,611	<4.16E+00	<4.82E+00	<2.41E-03
Non-Reaction Area	Med	199		<3.33E-05	<5.29E-05	<7.96E-05	<3.15E-05	<4.66E-05	2,065,355	191,878	<9.23E+00	<1.07E+01	<5.35E-03
Non-Reaction Area	Med	31		<5.47E-05	<3.22E-05	<3.73E-05	0.0012	<4.95E-05					
Non-Reaction Area	Low	134		<2.68E-05	<4.27E-05	<5.11E-05	<4.10E-05	<3.62E-05	4,542,939	422,053	<1.53E+01	<1.77E+01	<8.86E-03
Non SEM Area								<4.57E-04	560,472	52,070	<2.38E+01	<2.76E+01	<1.38E-02
							Total		**12,905,294**	**1,198,941**	**<5.48E+02**	**<6.35E+02**	**<3.17E-01**

Road				<3.87E-05	<2.83E-05	<3.10E-05	<2.90E-05	<3.31E-05					

	(TPY)
Exceedance Area	<2.00E-02
Membrane	<2.49E-01
Interface	<1.76E-02
Non-Reaction Area	<1.66E-02
Average Flux (mg/m2-min)	<4.57E-04
Non-Reaction Area Flux (mg/m2-m)	<3.74E-05
Membrane Flux (mg/m2-min)	<1.68E-03
Interface Flux (mg/m2-min)	<3.68E-04
Road Flux (mg/m2-min)	<3.31E-05

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<1.27E-04	<7.43E-05	0.0072	0.0056	<8.22E-04	452,665	42,054	<3.46E+01	<4.00E+01	<2.00E-02
Membrane	High	181		<2.60E-05	0.0219	<3.29E-05	0.0058	<3.04E-03	1,063,263	98,780	<3.01E+02	<3.48E+02	<1.74E-01
Membrane	Low	188		0.0001	0.0001	0.0001	0.0002	0.0001	1,595,881	148,262	13.9	16.2	0.0081
Anomalous Cells	High	171		<5.34E-03	<5.80E-03	<5.48E-03	<2.59E-03	<5.39E-03	49,687	4,616	<2.49E+01	<2.88E+01	<1.44E-02
Anomalous Cells	Low	172		<5.36E-05	<2.88E-05	<3.03E-05	<2.86E-05	<4.19E-05	44,946	4,176	<1.75E-01	<2.03E-01	<1.01E-04
Interface	High	211		<3.10E-05	<3.24E-05	<6.20E-05	<3.46E-05	<3.84E-05	115,029	10,687	<4.11E-01	<4.76E-01	<2.38E-04
Interface	Med	212		<4.82E-05	<6.46E-05	<2.68E-04	<1.09E-04	<5.97E-05	108,063	10,039	<5.28E-01	<6.12E-01	<3.06E-04
Interface	Med	163	P	<4.71E-05	<2.84E-05	<6.27E-05	<4.16E-05	<4.55E-05					
Interface	Low	155	P	<2.70E-05	<2.70E-05	0.0022	0.0126	<4.76E-04	664,306	61,716	<2.94E+01	<3.40E+01	<1.70E-02
Non-Reaction Area	High	116		<2.60E-05	<3.47E-05	<2.72E-05	<2.72E-05	<2.73E-05	1,642,688	152,611	<4.16E+00	<4.82E+00	<2.41E-03
Non-Reaction Area	Med	199		<3.33E-05	<5.29E-05	<7.96E-05	<3.15E-05	<4.66E-05	2,065,355	191,878	<9.23E+00	<1.07E+01	<5.35E-03
Non-Reaction Area	Med	31		<5.47E-05	<3.22E-05	<3.73E-05	0.0012	<4.95E-05					
Non-Reaction Area	Low	134		<2.68E-05	<4.27E-05	<5.11E-05	<4.10E-05	<3.62E-05	4,542,939	422,053	<1.53E+01	<1.77E+01	<8.86E-03
Non SEM Area								<3.78E-04	560,472	52,070	<1.97E+01	<2.28E+01	<1.14E-02
							Total		**12,905,294**	**1,198,941**	**<4.53E+02**	**<5.25E+02**	**<2.62E-01**

Road				<3.87E-05	<2.83E-05	<3.10E-05	<2.90E-05	<3.31E-05					

	(TPY)
Exceedance Area	<2.00E-02
Membrane	<1.97E-01
Interface	<1.76E-02
Non-Reaction Area	<1.66E-02
Anomalous Cells	<1.45E-02
Average Flux (mg/m2-min)	<3.78E-04
Non-Reaction Area Flux (mg/m2-m)	<3.74E-05
Membrane Flux (mg/m2-min)	<1.27E-03
Interface Flux (mg/m2-min)	<3.68E-04
Anomalous Cells (mg/m2-min)	<2.85E-03

1,2,4-Trimethylbenzene
95-63-6

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<2.92E-04	<1.71E-04	<1.83E-04	<2.53E-04	<2.61E-04	452,665	42,054	<1.10E+01	<1.27E+01	<6.36E-03
Membrane	High	181		0.0001	0.0280	0.0006	0.0088	0.0040	654,090	60,767	245	284	0.142
Membrane	Med	171		0.0042	0.0043	0.0051	0.0015	0.0043	933,363	86,712	<1.92E+02	<2.23E+02	<1.11E-01
Membrane	Med	172		<1.23E-04	<6.61E-05	<6.96E-05	0.0001	<9.63E-05					
Membrane	Low	188		<1.31E-04	<1.60E-04	<2.24E-04	<3.50E-04	<2.16E-04	1,166,324	108,355	<2.34E+01	<2.71E+01	<1.36E-02
Interface	High	211		<7.12E-05	<7.44E-05	<1.43E-04	<7.95E-05	<8.83E-05	115,029	10,687	<9.44E-01	<1.09E+00	<5.47E-04
Interface	Med	212		<1.11E-04	<1.49E-04	<6.16E-04	<2.51E-04	<1.37E-04	108,063	10,039	<1.21E+00	<1.41E+00	<7.03E-04
Interface	Med	163	P	<1.08E-04	<6.52E-05	<1.44E-04	<9.55E-05	<1.04E-04					
Interface	Low	155	P	0.0006	<6.21E-05	0.0003	0.0060	<4.60E-04	664,306	61,716	<2.84E+01	<3.29E+01	<1.65E-02
Non-Reaction Area	High	116		<5.97E-05	<7.97E-05	<6.25E-05	<6.24E-05	<6.27E-05	1,642,688	152,611	<9.57E+00	<1.11E+01	<5.54E-03
Non-Reaction Area	Med	199		<7.65E-05	<1.21E-04	<1.83E-04	<7.24E-05	<1.07E-04	2,065,355	191,878	<2.12E+01	<2.46E+01	<1.23E-02
Non-Reaction Area	Med	31		<1.26E-04	<7.40E-05	<8.58E-05	0.0004	<1.14E-04					
Non-Reaction Area	Low	134		<6.17E-05	<9.82E-05	<1.17E-04	<9.42E-05	<8.33E-05	4,542,939	422,053	<3.52E+01	<4.07E+01	<2.04E-02
Non SEM Area								<4.95E-04	560,472	52,070	<2.58E+01	<2.99E+01	<1.49E-02
							Total		**12,905,294**	**1,198,941**	**<5.94E+02**	**<6.88E+02**	**<3.44E-01**

Road				<8.89E-05	<6.51E-05	<7.13E-05	<6.67E-05	<7.60E-05					

	(TPY)
Exceedance Area	<6.36E-03
Membrane	<2.67E-01
Interface	<1.77E-02
Non-Reaction Area	<3.82E-02
Average Flux (mg/m2-min)	<4.95E-04
Non-Reaction Area Flux (mg/m2-m)	<8.60E-05
Membrane Flux (mg/m2-min)	<1.80E-03
Interface Flux (mg/m2-min)	<3.71E-04
Road Flux (mg/m2-min)	<7.60E-05

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<2.92E-04	<1.71E-04	<1.83E-04	<2.53E-04	<2.61E-04	452,665	42,054	<1.10E+01	<1.27E+01	<6.36E-03
Membrane	High	181		0.0001	0.0280	0.0006	0.0088	0.0040	1,063,263	98,780	398	461	0.231
Membrane	Low	188		0.0001	0.0002	0.0002	0.0003	0.0002	1,595,881	148,262	32.0	37.1	0.0186
Anomalous Cells	High	171		<4.15E-03	<4.26E-03	<5.07E-03	0.0015	<4.34E-03	49,687	4,616	<2.00E+01	<2.32E+01	<1.16E-02
Anomalous Cells	Low	172		<1.23E-04	<6.61E-05	<6.96E-05	<1.47E-04	<9.63E-05	44,946	4,176	<4.02E-01	<4.66E-01	<2.33E-04
Interface	High	211		<7.12E-05	<7.44E-05	<1.43E-04	<7.95E-05	<8.83E-05	115,029	10,687	<9.44E-01	<1.09E+00	<5.47E-04
Interface	Med	212		<1.11E-04	<1.49E-04	<6.16E-04	<2.51E-04	<1.37E-04	108,063	10,039	<1.21E+00	<1.41E+00	<7.03E-04
Interface	Med	163	P	<1.08E-04	<6.52E-05	<1.44E-04	<9.55E-05	<1.04E-04					
Interface	Low	155	P	0.0006	<6.21E-05	0.0003	0.0060	<4.60E-04	664,306	61,716	<2.84E+01	<3.29E+01	<1.65E-02
Non-Reaction Area	High	116		<5.97E-05	<7.97E-05	<6.25E-05	<6.24E-05	<6.27E-05	1,642,688	152,611	<9.57E+00	<1.11E+01	<5.54E-03
Non-Reaction Area	Med	199		<7.65E-05	<1.21E-04	<1.83E-04	<7.24E-05	<1.07E-04	2,065,355	191,878	<2.12E+01	<2.46E+01	<1.23E-02
Non-Reaction Area	Med	31		<1.26E-04	<7.40E-05	<8.58E-05	0.0004	<1.14E-04					
Non-Reaction Area	Low	134		<6.17E-05	<9.82E-05	<1.17E-04	<9.42E-05	<8.33E-05	4,542,939	422,053	<3.52E+01	<4.07E+01	<2.04E-02
Non SEM Area								<4.87E-04	560,472	52,070	<2.53E+01	<2.94E+01	<1.47E-02
							Total		**12,905,294**	**1,198,941**	**<5.83E+02**	**<6.76E+02**	**<3.38E-01**

Road				<8.89E-05	<6.51E-05	<7.13E-05	<6.67E-05	<7.60E-05					

	(TPY)
Exceedance Area	<6.36E-03
Membrane	0.261
Interface	<1.77E-02
Non-Reaction Area	<3.82E-02
Anomalous Cells	<1.18E-02
Average Flux (mg/m2-min)	<4.87E-04
Non-Reaction Area Flux (mg/m2-m)	<8.60E-05
Membrane Flux (mg/m2-min)	0.00174
Interface Flux (mg/m2-min)	<3.71E-04
Anomalous Cells (mg/m2-min)	<2.32E-03

Nonane
111-84-2

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<1.53E-04	<8.97E-05	0.0043	0.0022	<5.57E-04	452,665	42,054	<2.34E+01	<2.72E+01	<1.36E-02
Membrane	High	181		<3.14E-05	0.0133	<3.98E-05	0.0046	<1.87E-03	654,090	60,767	<1.13E+02	<1.31E+02	<6.57E-02
Membrane	Med	171		0.0052	0.0060	0.0052	0.0024	0.0052	933,363	86,712	<2.29E+02	<2.66E+02	<1.33E-01
Membrane	Med	172		<6.48E-05	<3.47E-05	<3.66E-05	0.0001	<5.06E-05					
Membrane	Low	188		<6.89E-05	<8.41E-05	<1.18E-04	<1.84E-04	<1.14E-04	1,166,324	108,355	<1.23E+01	<1.43E+01	<7.13E-03
Interface	High	211		0.0003	<3.91E-05	0.0006	<4.18E-05	<2.32E-04	115,029	10,687	<2.48E+00	<2.87E+00	<1.44E-03
Interface	Med	212		<5.83E-05	<7.81E-05	<3.24E-04	<1.32E-04	<7.22E-05	108,063	10,039	<6.38E-01	<7.39E-01	<3.70E-04
Interface	Med	163	P	<5.69E-05	<3.43E-05	<7.58E-05	<5.02E-05	<5.49E-05					
Interface	Low	155	P	<3.26E-05	<3.27E-05	0.0036	0.0124	<7.65E-04	664,306	61,716	<4.72E+01	<5.47E+01	<2.73E-02
Non-Reaction Area	High	116		<3.14E-05	<4.19E-05	<3.29E-05	<3.28E-05	<3.30E-05	1,642,688	152,611	<5.03E+00	<5.83E+00	<2.91E-03
Non-Reaction Area	Med	199		<4.02E-05	<6.38E-05	0.0004	0.0002	<8.34E-05	2,065,355	191,878	<1.37E+01	<1.59E+01	<7.97E-03
Non-Reaction Area	Med	31		<6.61E-05	<3.89E-05	<4.51E-05	0.0014	<5.99E-05					
Non-Reaction Area	Low	134		<3.24E-05	<5.16E-05	<6.17E-05	<4.95E-05	<4.38E-05	4,542,939	422,053	<1.85E+01	<2.14E+01	<1.07E-02
Non SEM Area								<4.06E-04	560,472	52,070	<2.11E+01	<2.45E+01	<1.23E-02
							Total		**12,905,294**	**1,198,941**	**<4.87E+02**	**<5.64E+02**	**<2.82E-01**

Road				<4.68E-05	<3.42E-05	<3.75E-05	<3.51E-05	<4.00E-05					

	(TPY)
Exceedance Area	<1.36E-02
Membrane	<2.06E-01
Interface	<2.91E-02
Non-Reaction Area	<2.16E-02
Average Flux (mg/m2-min)	<4.06E-04
Non-Reaction Area Flux (mg/m2-m)	<4.86E-05
Membrane Flux (mg/m2-min)	<1.39E-03
Interface Flux (mg/m2-min)	<6.10E-04
Road Flux (mg/m2-min)	<4.00E-05

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<1.53E-04	<8.97E-05	0.0043	0.0022	<5.57E-04	452,665	42,054	<2.34E+01	<2.72E+01	<1.36E-02
Membrane	High	181		<3.14E-05	0.0133	<3.98E-05	0.0046	<1.87E-03	1,063,263	98,780	<1.84E+02	<2.13E+02	<1.07E-01
Membrane	Low	188		0.0001	0.0001	0.0001	0.0002	0.0001	1,595,881	148,262	16.8	19.5	0.0098
Anomalous Cells	High	171		<5.20E-03	<5.97E-03	<5.21E-03	0.0024	<5.23E-03	49,687	4,616	<2.42E+01	<2.80E+01	<1.40E-02
Anomalous Cells	Low	172		<6.48E-05	<3.47E-05	<3.66E-05	<1.00E-04	<5.06E-05	44,946	4,176	<2.11E-01	<2.45E-01	<1.22E-04
Interface	High	211		0.0003	<3.91E-05	0.0006	<4.18E-05	<2.32E-04	115,029	10,687	<2.48E+00	<2.87E+00	<1.44E-03
Interface	Med	212		<5.83E-05	<7.81E-05	<3.24E-04	<1.32E-04	<7.22E-05	108,063	10,039	<6.38E-01	<7.39E-01	<3.70E-04
Interface	Med	163	P	<5.69E-05	<3.43E-05	<7.58E-05	<5.02E-05	<5.49E-05					
Interface	Low	155	P	<3.26E-05	<3.27E-05	0.0036	0.0124	<7.65E-04	664,306	61,716	<4.72E+01	<5.47E+01	<2.73E-02
Non-Reaction Area	High	116		<3.14E-05	<4.19E-05	<3.29E-05	<3.28E-05	<3.30E-05	1,642,688	152,611	<5.03E+00	<5.83E+00	<2.91E-03
Non-Reaction Area	Med	199		<4.02E-05	<6.38E-05	0.0004	0.0002	<8.34E-05	2,065,355	191,878	<1.37E+01	<1.59E+01	<7.97E-03
Non-Reaction Area	Med	31		<6.61E-05	<3.89E-05	<4.51E-05	0.0014	<5.99E-05					
Non-Reaction Area	Low	134		<3.24E-05	<5.16E-05	<6.17E-05	<4.95E-05	<4.38E-05	4,542,939	422,053	<1.85E+01	<2.14E+01	<1.07E-02
Non SEM Area								<2.93E-04	560,472	52,070	<1.53E+01	<1.77E+01	<8.85E-03
							Total		**12,905,294**	**1,198,941**	**<3.52E+02**	**<4.08E+02**	**<2.04E-01**

Road				<4.68E-05	<3.42E-05	<3.75E-05	<3.51E-05	<4.00E-05					

	(TPY)
Exceedance Area	<1.36E-02
Membrane	<1.30E-01
Interface	<2.91E-02
Non-Reaction Area	<2.16E-02
Anomalous Cells	<1.41E-02
Average Flux (mg/m2-min)	<2.93E-04
Non-Reaction Area Flux (mg/m2-m)	<4.86E-05
Membrane Flux (mg/m2-min)	<8.14E-04
Interface Flux (mg/m2-min)	<6.10E-04
Anomalous Cells (mg/m2-min)	<2.77E-03

Octane

111-65-9

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<1.37E-04	<7.98E-05	0.0021	0.0016	<3.24E-04	452,665	42,054	<1.36E+01	<1.58E+01	<7.91E-03
Membrane	High	181		<2.80E-05	0.0082	<3.54E-05	0.0033	<1.15E-03	654,090	60,767	<6.98E+01	<8.09E+01	<4.05E-02
Membrane	Med	171		0.0023	0.0028	0.0029	0.0017	0.0025	933,363	86,712	<1.08E+02	<1.26E+02	<6.28E-02
Membrane	Med	172		<5.76E-05	<3.09E-05	<3.26E-05	0.0001	<4.50E-05					
Membrane	Low	188		<6.13E-05	<7.48E-05	<1.05E-04	<1.64E-04	<1.01E-04	1,166,324	108,355	<1.10E+01	<1.27E+01	<6.35E-03
Interface	High	211		0.0003	<3.48E-05	<6.67E-05	<3.72E-05	<1.10E-04	115,029	10,687	<1.18E+00	<1.37E+00	<6.84E-04
Interface	Med	212		<5.19E-05	<6.95E-05	<2.88E-04	<1.17E-04	<6.42E-05	108,063	10,039	<5.68E-01	<6.58E-01	<3.29E-04
Interface	Med	163	P	<5.07E-05	<3.05E-05	<6.75E-05	<4.47E-05	<4.89E-05					
Interface	Low	155	P	<2.90E-05	<2.91E-05	0.0073	0.0145	<1.53E-03	664,306	61,716	<9.42E+01	<1.09E+02	<5.46E-02
Non-Reaction Area	High	116		<2.80E-05	<3.73E-05	<2.93E-05	<2.92E-05	<2.93E-05	1,642,688	152,611	<4.48E+00	<5.19E+00	<2.59E-03
Non-Reaction Area	Med	199		<3.58E-05	<5.68E-05	<8.56E-05	0.0019	<5.02E-05	2,065,355	191,878	<9.93E+00	<1.15E+01	<5.75E-03
Non-Reaction Area	Med	31		<5.88E-05	<3.46E-05	<4.02E-05	0.0016	<5.33E-05					
Non-Reaction Area	Low	134		<2.89E-05	<4.59E-05	<5.49E-05	<4.41E-05	<3.90E-05	4,542,939	422,053	<1.65E+01	<1.91E+01	<9.53E-03
Non SEM Area								<2.87E-04	560,472	52,070	<1.50E+01	<1.73E+01	<8.67E-03
							Total		**12,905,294**	**1,198,941**	**<3.45E+02**	**<3.99E+02**	**<2.00E-01**

Road				<4.16E-05	<3.04E-05	<3.34E-05	<3.12E-05	<3.56E-05					

	(TPY)
Exceedance Area	<7.91E-03
Membrane	<1.10E-01
Interface	<5.56E-02
Non-Reaction Area	<1.79E-02
Average Flux (mg/m2-min)	<2.87E-04
Non-Reaction Area Flux (mg/m2-m)	<4.03E-05
Membrane Flux (mg/m2-min)	<7.40E-04
Interface Flux (mg/m2-min)	<1.16E-03
Road Flux (mg/m2-min)	<3.56E-05

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<1.37E-04	<7.98E-05	0.0021	0.0016	<3.24E-04	452,665	42,054	<1.36E+01	<1.58E+01	<7.91E-03
Membrane	High	181		<2.80E-05	0.0082	<3.54E-05	0.0033	<1.15E-03	1,063,263	98,780	<1.14E+02	<1.32E+02	<6.58E-02
Membrane	Low	188		0.0001	0.0001	0.0001	0.0002	0.0001	1,595,881	148,262	15.0	17.4	0.0087
Anomalous Cells	High	171		<2.33E-03	<2.78E-03	<2.86E-03	0.0017	<2.46E-03	49,687	4,616	<1.13E+01	<1.31E+01	<6.57E-03
Anomalous Cells	Low	172		<5.76E-05	<3.09E-05	<3.26E-05	<9.31E-05	<4.50E-05	44,946	4,176	<1.88E-01	<2.18E-01	<1.09E-04
Interface	High	211		0.0003	<3.48E-05	<6.67E-05	<3.72E-05	<1.10E-04	115,029	10,687	<1.18E+00	<1.37E+00	<6.84E-04
Interface	Med	212		<5.19E-05	<6.95E-05	<2.88E-04	<1.17E-04	<6.42E-05	108,063	10,039	<5.68E-01	<6.58E-01	<3.29E-04
Interface	Med	163	P	<5.07E-05	<3.05E-05	<6.75E-05	<4.47E-05	<4.89E-05					
Interface	Low	155	P	<2.90E-05	<2.91E-05	0.0073	0.0145	<1.53E-03	664,306	61,716	<9.42E+01	<1.09E+02	<5.46E-02
Non-Reaction Area	High	116		<2.80E-05	<3.73E-05	<2.93E-05	<2.92E-05	<2.93E-05	1,642,688	152,611	<4.48E+00	<5.19E+00	<2.59E-03
Non-Reaction Area	Med	199		<3.58E-05	<5.68E-05	<8.56E-05	0.0019	<5.02E-05	2,065,355	191,878	<9.93E+00	<1.15E+01	<5.75E-03
Non-Reaction Area	Med	31		<5.88E-05	<3.46E-05	<4.02E-05	0.0016	<5.33E-05					
Non-Reaction Area	Low	134		<2.89E-05	<4.59E-05	<5.49E-05	<4.41E-05	<3.90E-05	4,542,939	422,053	<1.65E+01	<1.91E+01	<9.53E-03
Non SEM Area								<2.45E-04	560,472	52,070	<1.27E+01	<1.48E+01	<7.38E-03
							Total		**12,905,294**	**1,198,941**	**<2.93E+02**	**<3.40E+02**	**<1.70E-01**

Road				<4.16E-05	<3.04E-05	<3.34E-05	<3.12E-05	<3.56E-05					

	(TPY)
Exceedance Area	<7.91E-03
Membrane	<8.10E-02
Interface	<5.56E-02
Non-Reaction Area	<1.79E-02
Anomalous Cells	<6.68E-03
Average Flux (mg/m2-min)	<2.45E-04
Non-Reaction Area Flux (mg/m2-m)	<4.03E-05
Membrane Flux (mg/m2-min)	<5.20E-04
Interface Flux (mg/m2-min)	<1.16E-03
Anomalous Cells (mg/m2-min)	<1.31E-03

Naphthalene
91-20-3

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<1.53E-04	<8.96E-05	<9.60E-05	<1.33E-04	<1.37E-04	452,665	42,054	<5.76E+00	<6.68E+00	<3.34E-03
Membrane	High	181		<3.14E-05	<1.91E-04	0.0006	0.0053	<1.13E-04	654,090	60,767	<6.89E+00	<7.98E+00	<3.99E-03
Membrane	Med	171		<3.25E-05	<3.21E-05	<3.20E-05	<3.19E-05	<3.24E-05	933,363	86,712	<3.60E+00	<4.17E+00	<2.08E-03
Membrane	Med	172		<6.47E-05	<3.47E-05	<3.66E-05	<3.45E-05	<5.06E-05					
Membrane	Low	188		<6.88E-05	<8.40E-05	<1.17E-04	<1.84E-04	<1.14E-04	1,166,324	108,355	<1.23E+01	<1.43E+01	<7.13E-03
Interface	High	211		<3.74E-05	<3.91E-05	<7.49E-05	<4.18E-05	<4.64E-05	115,029	10,687	<4.96E-01	<5.74E-01	<2.87E-04
Interface	Med	212		<5.82E-05	<7.80E-05	<3.24E-04	<1.32E-04	<7.21E-05	108,063	10,039	<4.07E+01	<4.72E+01	<2.36E-02
Interface	Med	163	P	0.0093	0.0045	0.0057	0.0030	0.0080					
Interface	Low	155	P	<3.26E-05	<3.26E-05	<6.23E-05	0.0084	<3.90E-05	664,306	61,716	<2.41E+00	<2.79E+00	<1.39E-03
Non-Reaction Area	High	116		<3.14E-05	<4.18E-05	<3.28E-05	<3.28E-05	<3.29E-05	1,642,688	152,611	<5.02E+00	<5.82E+00	<2.91E-03
Non-Reaction Area	Med	199		<4.02E-05	<6.38E-05	<9.61E-05	<3.80E-05	<5.63E-05	2,065,355	191,878	<7.03E+01	<8.14E+01	<4.07E-02
Non-Reaction Area	Med	31		0.0009	<3.89E-05	<4.51E-05	<3.46E-05	<6.76E-04					
Non-Reaction Area	Low	134		<3.24E-05	<5.16E-05	<6.16E-05	<4.95E-05	<4.38E-05	4,542,939	422,053	<1.85E+01	<2.14E+01	<1.07E-02
Non SEM Area								<1.45E-04	560,472	52,070	<7.53E+00	<8.73E+00	<4.37E-03
							Total		**12,905,294**	**1,198,941**	**<1.73E+02**	**<2.01E+02**	**<1.01E-01**

Road				<4.67E-05	<3.42E-05	<3.74E-05	0.0020	<4.00E-05					

	(TPY)
Exceedance Area	<3.34E-03
Membrane	<1.32E-02
Interface	<2.53E-02
Non-Reaction Area	<5.43E-02
Average Flux (mg/m2-min)	<1.45E-04
Non-Reaction Area Flux (mg/m2-m)	<1.22E-04
Membrane Flux (mg/m2-min)	<8.91E-05
Interface Flux (mg/m2-min)	<5.29E-04
Road Flux (mg/m2-min)	<4.00E-05

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<1.53E-04	<8.96E-05	<9.60E-05	<1.33E-04	<1.37E-04	452,665	42,054	<5.76E+00	<6.68E+00	<3.34E-03
Membrane	High	181		<3.14E-05	<1.91E-04	0.0006	0.0053	<1.13E-04	1,063,263	98,780	<1.12E+01	<1.30E+01	<6.49E-03
Membrane	Low	188		<6.88E-05	<8.40E-05	<1.17E-04	<1.84E-04	<1.14E-04	1,595,881	148,262	<1.68E+01	<1.95E+01	<9.75E-03
Anomalous Cells	High	171		<3.25E-05	<3.21E-05	<3.20E-05	<3.19E-05	<3.24E-05	49,687	4,616	<1.49E-01	<1.73E-01	<8.66E-05
Anomalous Cells	Low	172		<6.47E-05	<3.47E-05	<3.66E-05	<3.45E-05	<5.06E-05	44,946	4,176	<2.11E-01	<2.45E-01	<1.22E-04
Interface	High	211		<3.74E-05	<3.91E-05	<7.49E-05	<4.18E-05	<4.64E-05	115,029	10,687	<4.96E-01	<5.74E-01	<2.87E-04
Interface	Med	212		<5.82E-05	<7.80E-05	<3.24E-04	<1.32E-04	<7.21E-05	108,063	10,039	<4.07E+01	<4.72E+01	<2.36E-02
Interface	Med	163	P	0.0093	0.0045	0.0057	0.0030	0.0080					
Interface	Low	155	P	<3.26E-05	<3.26E-05	<6.23E-05	0.0084	<3.90E-05	664,306	61,716	<2.41E+00	<2.79E+00	<1.39E-03
Non-Reaction Area	High	116		<3.14E-05	<4.18E-05	<3.28E-05	<3.28E-05	<3.29E-05	1,642,688	152,611	<5.02E+00	<5.82E+00	<2.91E-03
Non-Reaction Area	Med	199		<4.02E-05	<6.38E-05	<9.61E-05	<3.80E-05	<5.63E-05	2,065,355	191,878	<7.03E+01	<8.14E+01	<4.07E-02
Non-Reaction Area	Med	31		0.0009	<3.89E-05	<4.51E-05	<3.46E-05	<6.76E-04					
Non-Reaction Area	Low	134		<3.24E-05	<5.16E-05	<6.16E-05	<4.95E-05	<4.38E-05	4,542,939	422,053	<1.85E+01	<2.14E+01	<1.07E-02
Non SEM Area								<1.50E-04	560,472	52,070	<7.79E+00	<9.03E+00	<4.51E-03
							Total		**12,905,294**	**1,198,941**	**<1.79E+02**	**<2.08E+02**	**<1.04E-01**

Road				<4.67E-05	<3.42E-05	<3.74E-05	0.0020	<4.00E-05					

	(TPY)
Exceedance Area	<3.34E-03
Membrane	<1.63E-02
Interface	<2.53E-02
Non-Reaction Area	<5.43E-02
Anomalous Cells	<2.09E-04
Average Flux (mg/m2-min)	<1.50E-04
Non-Reaction Area Flux (mg/m2-m)	<1.22E-04
Membrane Flux (mg/m2-min)	<1.13E-04
Interface Flux (mg/m2-min)	<5.29E-04
Anomalous Cells (mg/m2-min)	<4.10E-05

4-Ethyltoluene

622-96-8

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<2.92E-04	<1.71E-04	0.0022	0.0017	<4.60E-04	452,665	42,054	<1.94E+01	<2.24E+01	<1.12E-02
Membrane	High	181		<5.97E-05	0.0148	<7.56E-05	0.0036	<2.10E-03	654,090	60,767	<1.27E+02	<1.48E+02	<7.38E-02
Membrane	Med	171		0.0013	0.0025	0.0027	0.0008	0.0016	933,363	86,712	<7.47E+01	<8.65E+01	<4.33E-02
Membrane	Med	172		<1.23E-04	<6.61E-05	<6.96E-05	0.0002	<9.63E-05					
Membrane	Low	188		<1.31E-04	<1.60E-04	<2.24E-04	<3.50E-04	<2.16E-04	1,166,324	108,355	<2.34E+01	<2.71E+01	<1.36E-02
Interface	High	211		0.0002	<7.44E-05	0.0003	<7.95E-05	<1.62E-04	115,029	10,687	<1.73E+00	<2.00E+00	<1.00E-03
Interface	Med	212		<1.11E-04	<1.49E-04	<6.16E-04	<2.51E-04	<1.37E-04	108,063	10,039	<1.21E+00	<1.41E+00	<7.03E-04
Interface	Med	163	P	<1.08E-04	<6.52E-05	<1.44E-04	<9.55E-05	<1.04E-04					
Interface	Low	155	P	<6.20E-05	<6.21E-05	0.0009	0.0146	<2.35E-04	664,306	61,716	<1.45E+01	<1.68E+01	<8.40E-03
Non-Reaction Area	High	116		<5.97E-05	<7.97E-05	<6.25E-05	<6.24E-05	<6.27E-05	1,642,688	152,611	<9.57E+00	<1.11E+01	<5.54E-03
Non-Reaction Area	Med	199		<7.65E-05	<1.21E-04	<1.83E-04	<7.24E-05	<1.07E-04	2,065,355	191,878	<2.12E+01	<2.46E+01	<1.23E-02
Non-Reaction Area	Med	31		<1.26E-04	<7.40E-05	<8.58E-05	0.0006	<1.14E-04					
Non-Reaction Area	Low	134		<6.17E-05	<9.82E-05	<1.17E-04	<9.42E-05	<8.33E-05	4,542,939	422,053	<3.52E+01	<4.07E+01	<2.04E-02
Non SEM Area								<2.86E-04	560,472	52,070	<1.49E+01	<1.73E+01	<8.63E-03
							Total		**12,905,294**	**1,198,941**	**<3.43E+02**	**<3.97E+02**	**<1.99E-01**

Road				<8.89E-05	<6.51E-05	<7.13E-05	<6.67E-05	<7.60E-05					

	(TPY)
Exceedance Area	<1.12E-02
Membrane	<1.31E-01
Interface	<1.01E-02
Non-Reaction Area	<3.82E-02
Average Flux (mg/m2-min)	<2.86E-04
Non-Reaction Area Flux (mg/m2-m)	<8.60E-05
Membrane Flux (mg/m2-min)	<8.81E-04
Interface Flux (mg/m2-min)	<2.11E-04
Road Flux (mg/m2-min)	<7.60E-05

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<2.92E-04	<1.71E-04	0.0022	0.0017	<4.60E-04	452,665	42,054	<1.94E+01	<2.24E+01	<1.12E-02
Membrane	High	181		<5.97E-05	0.0148	<7.56E-05	0.0036	<2.10E-03	1,063,263	98,780	<2.07E+02	<2.40E+02	<1.20E-01
Membrane	Low	188		0.0001	0.0002	0.0002	0.0003	0.0002	1,595,881	148,262	32.0	37.1	0.0186
Anomalous Cells	High	171		<1.29E-03	<2.54E-03	<2.70E-03	0.0008	<1.63E-03	49,687	4,616	<7.51E+00	<8.70E+00	<4.35E-03
Anomalous Cells	Low	172		<1.23E-04	<6.61E-05	<6.96E-05	<1.74E-04	<9.63E-05	44,946	4,176	<4.02E-01	<4.66E-01	<2.33E-04
Interface	High	211		0.0002	<7.44E-05	0.0003	<7.95E-05	<1.62E-04	115,029	10,687	<1.73E+00	<2.00E+00	<1.00E-03
Interface	Med	212		<1.11E-04	<1.49E-04	<6.16E-04	<2.51E-04	<1.37E-04	108,063	10,039	<1.21E+00	<1.41E+00	<7.03E-04
Interface	Med	163	P	<1.08E-04	<6.52E-05	<1.44E-04	<9.55E-05	<1.04E-04					
Interface	Low	155	P	<6.20E-05	<6.21E-05	0.0009	0.0146	<2.35E-04	664,306	61,716	<1.45E+01	<1.68E+01	<8.40E-03
Non-Reaction Area	High	116		<5.97E-05	<7.97E-05	<6.25E-05	<6.24E-05	<6.27E-05	1,642,688	152,611	<9.57E+00	<1.11E+01	<5.54E-03
Non-Reaction Area	Med	199		<7.65E-05	<1.21E-04	<1.83E-04	<7.24E-05	<1.07E-04	2,065,355	191,878	<2.12E+01	<2.46E+01	<1.23E-02
Non-Reaction Area	Med	31		<1.26E-04	<7.40E-05	<8.58E-05	0.0006	<1.14E-04					
Non-Reaction Area	Low	134		<6.17E-05	<9.82E-05	<1.17E-04	<9.42E-05	<8.33E-05	4,542,939	422,053	<3.52E+01	<4.07E+01	<2.04E-02
Non SEM Area								<3.05E-04	560,472	52,070	<1.59E+01	<1.84E+01	<9.20E-03
							Total		**12,905,294**	**1,198,941**	**<3.66E+02**	**<4.24E+02**	**<2.12E-01**

Road				<8.89E-05	<6.51E-05	<7.13E-05	<6.67E-05	<7.60E-05					

	(TPY)
Exceedance Area	<1.12E-02
Membrane	<1.43E-01
Interface	<1.01E-02
Non-Reaction Area	<3.82E-02
Anomalous Cells	<4.58E-03
Average Flux (mg/m2-min)	<3.05E-04
Non-Reaction Area Flux (mg/m2-m)	<8.60E-05
Membrane Flux (mg/m2-min)	<9.68E-04
Interface Flux (mg/m2-min)	<2.11E-04
Anomalous Cells (mg/m2-min)	<8.99E-04

2-propanol (isopropylalcohol)
67-63-0

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		0.0005	0.0003	<9.14E-05	<1.26E-04	<4.38E-04	452,665	42,054	<1.84E+01	<2.13E+01	<1.07E-02
Membrane	High	181		0.0002	0.0047	0.0003	0.0007	0.0008	654,090	60,767	50	58	0.029
Membrane	Med	171		0.0008	0.0006	0.0008	0.0008	0.0008	933,363	86,712	74	85	0.04
Membrane	Med	172		0.0011	0.0003	0.0013	0.0024	0.0009					
Membrane	Low	188		<6.55E-05	<8.00E-05	<1.12E-04	<1.75E-04	<1.08E-04	1,166,324	108,355	<1.17E+01	<1.36E+01	<6.78E-03
Interface	High	211		<3.56E-05	<3.72E-05	<7.13E-05	<3.98E-05	<4.42E-05	115,029	10,687	<4.72E-01	<5.47E-01	<2.73E-04
Interface	Med	212		<5.54E-05	<7.43E-05	<3.08E-04	<1.25E-04	<6.86E-05	108,063	10,039	<6.07E-01	<7.03E-01	<3.52E-04
Interface	Med	163	P	<5.42E-05	<3.26E-05	<7.21E-05	<4.78E-05	<5.22E-05					
Interface	Low	155	P	<3.10E-05	<3.11E-05	<5.93E-05	<5.96E-05	<3.69E-05	664,306	61,716	<2.28E+00	<2.64E+00	<1.32E-03
Non-Reaction Area	High	116		0.0001	<3.98E-05	<3.13E-05	<3.12E-05	<1.16E-04	1,642,688	152,611	<1.77E+01	<2.05E+01	<1.02E-02
Non-Reaction Area	Med	199		<3.82E-05	<6.07E-05	<9.14E-05	0.0001	<5.36E-05	2,065,355	191,878	<1.60E+01	<1.85E+01	<9.25E-03
Non-Reaction Area	Med	31		<6.29E-05	0.0003	0.0002	0.0001	<1.13E-04					
Non-Reaction Area	Low	134		<3.08E-05	<4.91E-05	<5.87E-05	<4.71E-05	<4.16E-05	4,542,939	422,053	<1.76E+01	<2.04E+01	<1.02E-02
Non SEM Area								<1.81E-04	560,472	52,070	<9.45E+00	<1.09E+01	<5.47E-03
							Total		**12,905,294**	**1,198,941**	**<2.18E+02**	**<2.52E+02**	**<1.26E-01**

Road				<4.45E-05	<3.25E-05	<3.56E-05	<3.34E-05	<3.80E-05					

	(TPY)
Exceedance Area	<1.07E-02
Membrane	<7.83E-02
Interface	<1.94E-03
Non-Reaction Area	<2.97E-02
Average Flux (mg/m2-min)	<1.81E-04
Non-Reaction Area Flux (mg/m2-m)	<6.68E-05
Membrane Flux (mg/m2-min)	<5.28E-04
Interface Flux (mg/m2-min)	<4.07E-05
Road Flux (mg/m2-min)	<3.80E-05

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		0.0005	0.0003	<9.14E-05	<1.26E-04	<4.38E-04	452,665	42,054	<1.84E+01	<2.13E+01	<1.07E-02
Membrane	High	181		0.0002	0.0047	0.0003	0.0007	0.0008	1,063,263	98,780	81	94	0.047
Membrane	Low	188		0.0001	0.0001	0.0001	0.0002	0.0001	1,595,881	148,262	16.0	18.6	0.0093
Anomalous Cells	High	171		0.0008	0.0006	0.0008	0.0008	0.0008	49,687	4,616	4	4	0.002
Anomalous Cells	Low	172		<1.08E-03	<3.33E-04	<1.34E-03	<2.35E-03	<9.34E-04	44,946	4,176	<3.90E+00	<4.52E+00	<2.26E-03
Interface	High	211		<3.56E-05	<3.72E-05	<7.13E-05	<3.98E-05	<4.42E-05	115,029	10,687	<4.72E-01	<5.47E-01	<2.73E-04
Interface	Med	212		<5.54E-05	<7.43E-05	<3.08E-04	<1.25E-04	<6.86E-05	108,063	10,039	<6.07E-01	<7.03E-01	<3.52E-04
Interface	Med	163	P	<5.42E-05	<3.26E-05	<7.21E-05	<4.78E-05	<5.22E-05					
Interface	Low	155	P	<3.10E-05	<3.11E-05	<5.93E-05	<5.96E-05	<3.69E-05	664,306	61,716	<2.28E+00	<2.64E+00	<1.32E-03
Non-Reaction Area	High	116		0.0001	<3.98E-05	<3.13E-05	<3.12E-05	<1.16E-04	1,642,688	152,611	<1.77E+01	<2.05E+01	<1.02E-02
Non-Reaction Area	Med	199		<3.82E-05	<6.07E-05	<9.14E-05	0.0001	<5.36E-05	2,065,355	191,878	<1.60E+01	<1.85E+01	<9.25E-03
Non-Reaction Area	Med	31		<6.29E-05	0.0003	0.0002	0.0001	<1.13E-04					
Non-Reaction Area	Low	134		<3.08E-05	<4.91E-05	<5.87E-05	<4.71E-05	<4.16E-05	4,542,939	422,053	<1.76E+01	<2.04E+01	<1.02E-02
Non SEM Area								<1.54E-04	560,472	52,070	<8.04E+00	<9.32E+00	<4.66E-03
							Total		**12,905,294**	**1,198,941**	**<1.85E+02**	**<2.15E+02**	**<1.07E-01**

Road				<4.45E-05	<3.25E-05	<3.56E-05	<3.34E-05	<3.80E-05					

	(TPY)
Exceedance Area	<1.07E-02
Membrane	0.058
Interface	<1.94E-03
Non-Reaction Area	<2.97E-02
Anomalous Cells	<4.31E-03
Average Flux (mg/m2-min)	<1.54E-04
Non-Reaction Area Flux (mg/m2-m)	<6.68E-05
Membrane Flux (mg/m2-min)	0.00039
Interface Flux (mg/m2-min)	<4.07E-05
Anomalous Cells (mg/m2-min)	<8.47E-04

1,3,5-Trimethylbenzene
108-67-8

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<2.92E-04	<1.71E-04	0.0010	0.0012	<3.43E-04	452,665	42,054	<1.44E+01	<1.67E+01	<8.36E-03
Membrane	High	181		<5.97E-05	0.0153	0.0002	0.0039	<2.17E-03	654,090	60,767	<1.32E+02	<1.53E+02	<7.64E-02
Membrane	Med	171		0.0016	0.0018	0.0018	0.0005	0.0017	933,363	86,712	<7.72E+01	<8.95E+01	<4.48E-02
Membrane	Med	172		<1.23E-04	<6.61E-05	<6.96E-05	0.0002	<9.63E-05					
Membrane	Low	188		<1.31E-04	<1.60E-04	<2.24E-04	<3.50E-04	<2.16E-04	1,166,324	108,355	<2.34E+01	<2.71E+01	<1.36E-02
Interface	High	211		<7.12E-05	<7.44E-05	<1.43E-04	<7.95E-05	<8.83E-05	115,029	10,687	<9.44E-01	<1.09E+00	<5.47E-04
Interface	Med	212		<1.11E-04	<1.49E-04	<6.16E-04	<2.51E-04	<1.37E-04	108,063	10,039	<1.21E+00	<1.41E+00	<7.03E-04
Interface	Med	163	P	<1.08E-04	<6.52E-05	<1.44E-04	<9.55E-05	<1.04E-04					
Interface	Low	155	P	0.0003	<6.21E-05	0.0010	0.0052	<4.23E-04	664,306	61,716	<2.61E+01	<3.02E+01	<1.51E-02
Non-Reaction Area	High	116		<5.97E-05	<7.97E-05	<6.25E-05	<6.24E-05	<6.27E-05	1,642,688	152,611	<9.57E+00	<1.11E+01	<5.54E-03
Non-Reaction Area	Med	199		<7.65E-05	<1.21E-04	<1.83E-04	<7.24E-05	<1.07E-04	2,065,355	191,878	<2.12E+01	<2.46E+01	<1.23E-02
Non-Reaction Area	Med	31		<1.26E-04	<7.40E-05	<8.58E-05	0.0004	<1.14E-04					
Non-Reaction Area	Low	134		<6.17E-05	<9.82E-05	<1.17E-04	<9.42E-05	<8.33E-05	4,542,939	422,053	<3.52E+01	<4.07E+01	<2.04E-02
Non SEM Area								<2.97E-04	560,472	52,070	<1.55E+01	<1.79E+01	<8.97E-03
							Total		**12,905,294**	**1,198,941**	**<3.57E+02**	**<4.13E+02**	**<2.07E-01**

Road				<8.89E-05	<6.51E-05	<7.13E-05	<6.67E-05	<7.60E-05					

	(TPY)
Exceedance Area	<8.36E-03
Membrane	<1.35E-01
Interface	<1.64E-02
Non-Reaction Area	<3.82E-02
Average Flux (mg/m2-min)	<2.97E-04
Non-Reaction Area Flux (mg/m2-m)	<8.60E-05
Membrane Flux (mg/m2-min)	<9.09E-04
Interface Flux (mg/m2-min)	<3.42E-04
Road Flux (mg/m2-min)	<7.60E-05

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<2.92E-04	<1.71E-04	0.0010	0.0012	<3.43E-04	452,665	42,054	<1.44E+01	<1.67E+01	<8.36E-03
Membrane	High	181		<5.97E-05	0.0153	0.0002	0.0039	<2.17E-03	1,063,263	98,780	<2.14E+02	<2.49E+02	<1.24E-01
Membrane	Low	188		0.0001	0.0002	0.0002	0.0003	0.0002	1,595,881	148,262	32.0	37.1	0.0186
Anomalous Cells	High	171		<1.64E-03	<1.81E-03	<1.82E-03	0.0005	<1.69E-03	49,687	4,616	<7.78E+00	<9.01E+00	<4.51E-03
Anomalous Cells	Low	172		<1.23E-04	<6.61E-05	<6.96E-05	<1.88E-04	<9.63E-05	44,946	4,176	<4.02E-01	<4.66E-01	<2.33E-04
Interface	High	211		<7.12E-05	<7.44E-05	<1.43E-04	<7.95E-05	<8.83E-05	115,029	10,687	<9.44E-01	<1.09E+00	<5.47E-04
Interface	Med	212		<1.11E-04	<1.49E-04	<6.16E-04	<2.51E-04	<1.37E-04	108,063	10,039	<1.21E+00	<1.41E+00	<7.03E-04
Interface	Med	163	P	<1.08E-04	<6.52E-05	<1.44E-04	<9.55E-05	<1.04E-04					
Interface	Low	155	P	0.0003	<6.21E-05	0.0010	0.0052	<4.23E-04	664,306	61,716	<2.61E+01	<3.02E+01	<1.51E-02
Non-Reaction Area	High	116		<5.97E-05	<7.97E-05	<6.25E-05	<6.24E-05	<6.27E-05	1,642,688	152,611	<9.57E+00	<1.11E+01	<5.54E-03
Non-Reaction Area	Med	199		<7.65E-05	<1.21E-04	<1.83E-04	<7.24E-05	<1.07E-04	2,065,355	191,878	<2.12E+01	<2.46E+01	<1.23E-02
Non-Reaction Area	Med	31		<1.26E-04	<7.40E-05	<8.58E-05	0.0004	<1.14E-04					
Non-Reaction Area	Low	134		<6.17E-05	<9.82E-05	<1.17E-04	<9.42E-05	<8.33E-05	4,542,939	422,053	<3.52E+01	<4.07E+01	<2.04E-02
Non SEM Area								<3.17E-04	560,472	52,070	<1.65E+01	<1.91E+01	<9.56E-03
							Total		**12,905,294**	**1,198,941**	**<3.80E+02**	**<4.40E+02**	**<2.20E-01**

Road				<8.89E-05	<6.51E-05	<7.13E-05	<6.67E-05	<7.60E-05					

	(TPY)
Exceedance Area	<8.36E-03
Membrane	<1.47E-01
Interface	<1.64E-02
Non-Reaction Area	<3.82E-02
Anomalous Cells	<4.74E-03
Average Flux (mg/m2-min)	<3.17E-04
Non-Reaction Area Flux (mg/m2-m)	<8.60E-05
Membrane Flux (mg/m2-min)	<9.98E-04
Interface Flux (mg/m2-min)	<3.42E-04
Anomalous Cells (mg/m2-min)	<9.31E-04

Chloroform
67-66-3

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		0.0003	<4.30E-05	0.0002	0.0037	<2.34E-04	452,665	42,054	<9.85E+00	<1.14E+01	<5.70E-03
Membrane	High	181		<1.51E-05	<3.03E-05	<1.91E-05	<2.00E-05	<1.76E-05	654,090	60,767	<1.07E+00	<1.24E+00	<6.19E-04
Membrane	Med	171		<1.56E-05	<1.54E-05	<1.54E-05	<1.53E-05	<1.55E-05	933,363	86,712	<1.73E+00	<2.00E+00	<1.00E-03
Membrane	Med	172		<3.10E-05	<1.67E-05	<1.75E-05	<1.65E-05	<2.43E-05					
Membrane	Low	188		<3.30E-05	<4.03E-05	<5.63E-05	<8.82E-05	<5.45E-05	1,166,324	108,355	<5.90E+00	<6.84E+00	<3.42E-03
Interface	High	211		<1.79E-05	<1.88E-05	<3.59E-05	<2.00E-05	<2.23E-05	115,029	10,687	<2.38E-01	<2.76E-01	<1.38E-04
Interface	Med	212		<2.79E-05	<3.74E-05	<1.55E-04	0.0002	<3.46E-05	108,063	10,039	<4.64E+00	<5.38E+00	<2.69E-03
Interface	Med	163	P	0.0003	0.0037	0.0003	0.0003	0.0009					
Interface	Low	155	P	<1.56E-05	0.0009	<2.99E-05	0.0011	<1.37E-04	664,306	61,716	<8.45E+00	<9.79E+00	<4.90E-03
Non-Reaction Area	High	116		<1.51E-05	<2.01E-05	<1.58E-05	<1.57E-05	<1.58E-05	1,642,688	152,611	<2.41E+00	<2.79E+00	<1.40E-03
Non-Reaction Area	Med	199		<1.93E-05	0.0001	<4.61E-05	<1.82E-05	<5.85E-05	2,065,355	191,878	<1.23E+02	<1.42E+02	<7.12E-02
Non-Reaction Area	Med	31		<3.17E-05	0.0101	0.0001	0.0052	<1.22E-03					
Non-Reaction Area	Low	134		<1.55E-05	<2.47E-05	<2.96E-05	<2.38E-05	<2.10E-05	4,542,939	422,053	<8.86E+00	<1.03E+01	<5.13E-03
Non SEM Area								<1.45E-04	560,472	52,070	<7.54E+00	<8.74E+00	<4.37E-03
							Total		**12,905,294**	**1,198,941**	**<1.74E+02**	**<2.01E+02**	**<1.01E-01**

Road				<2.24E-05	<1.64E-05	<1.80E-05	<1.68E-05	<1.92E-05					

	(TPY)
Exceedance Area	<5.70E-03
Membrane	<5.04E-03
Interface	<7.73E-03
Non-Reaction Area	<7.78E-02
Average Flux (mg/m2-min)	<1.45E-04
Non-Reaction Area Flux (mg/m2-m)	<1.75E-04
Membrane Flux (mg/m2-min)	<3.40E-05
Interface Flux (mg/m2-min)	<1.62E-04
Road Flux (mg/m2-min)	<1.92E-05

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		0.0003	<4.30E-05	0.0002	0.0037	<2.34E-04	452,665	42,054	<9.85E+00	<1.14E+01	<5.70E-03
Membrane	High	181		<1.51E-05	<3.03E-05	<1.91E-05	<2.00E-05	<1.76E-05	1,063,263	98,780	<1.74E+00	<2.01E+00	<1.01E-03
Membrane	Low	188		<3.30E-05	<4.03E-05	<5.63E-05	<8.82E-05	<5.45E-05	1,595,881	148,262	<8.08E+00	<9.36E+00	<4.68E-03
Anomalous Cells	High	171		<1.56E-05	<1.54E-05	<1.54E-05	<1.53E-05	<1.55E-05	49,687	4,616	<7.17E-02	<8.31E-02	<4.15E-05
Anomalous Cells	Low	172		<3.10E-05	<1.67E-05	<1.75E-05	<1.65E-05	<2.43E-05	44,946	4,176	<1.01E-01	<1.17E-01	<5.87E-05
Interface	High	211		<1.79E-05	<1.88E-05	<3.59E-05	<2.00E-05	<2.23E-05	115,029	10,687	<2.38E-01	<2.76E-01	<1.38E-04
Interface	Med	212		<2.79E-05	<3.74E-05	<1.55E-04	0.0002	<3.46E-05	108,063	10,039	<4.64E+00	<5.38E+00	<2.69E-03
Interface	Med	163	P	0.0003	0.0037	0.0003	0.0003	0.0009					
Interface	Low	155	P	<1.56E-05	0.0009	<2.99E-05	0.0011	<1.37E-04	664,306	61,716	<8.45E+00	<9.79E+00	<4.90E-03
Non-Reaction Area	High	116		<1.51E-05	<2.01E-05	<1.58E-05	<1.57E-05	<1.58E-05	1,642,688	152,611	<2.41E+00	<2.79E+00	<1.40E-03
Non-Reaction Area	Med	199		<1.93E-05	0.0001	<4.61E-05	<1.82E-05	<5.85E-05	2,065,355	191,878	<1.23E+02	<1.42E+02	<7.12E-02
Non-Reaction Area	Med	31		<3.17E-05	0.0101	0.0001	0.0052	<1.22E-03					
Non-Reaction Area	Low	134		<1.55E-05	<2.47E-05	<2.96E-05	<2.38E-05	<2.10E-05	4,542,939	422,053	<8.86E+00	<1.03E+01	<5.13E-03
Non SEM Area								<1.46E-04	560,472	52,070	<7.60E+00	<8.81E+00	<4.40E-03
							Total		**12,905,294**	**1,198,941**	**<1.75E+02**	**<2.03E+02**	**<1.01E-01**

Road				<2.24E-05	<1.64E-05	<1.80E-05	<1.68E-05	<1.92E-05					

	(TPY)
Exceedance Area	<5.70E-03
Membrane	<5.73E-03
Interface	<7.73E-03
Non-Reaction Area	<7.78E-02
Anomalous Cells	<1.00E-04
Average Flux (mg/m2-min)	<1.46E-04
Non-Reaction Area Flux (mg/m2-m)	<1.75E-04
Membrane Flux (mg/m2-min)	<3.97E-05
Interface Flux (mg/m2-min)	<1.62E-04
Anomalous Cells (mg/m2-min)	<1.97E-05

Acrolein
107-02-8

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		0.0006	0.0003	<4.20E-05	<5.81E-05	<4.73E-04	452,665	42,054	<1.99E+01	<2.30E+01	<1.15E-02
Membrane	High	181		0.0002	<2.76E-05	0.0002	<1.83E-05	<1.75E-04	654,090	60,767	<1.06E+01	<1.23E+01	<6.15E-03
Membrane	Med	171		0.0002	0.0001	0.0001	<1.40E-05	<1.49E-04	933,363	86,712	<1.28E+01	<1.48E+01	<7.42E-03
Membrane	Med	172		0.0001	0.0001	0.0002	0.0002	0.0001					
Membrane	Low	188		0.0001	<3.68E-05	0.0003	0.0002	<1.44E-04	1,166,324	108,355	<1.56E+01	<1.81E+01	<9.04E-03
Interface	High	211		<1.64E-05	<1.71E-05	<3.28E-05	0.0001	<2.03E-05	115,029	10,687	<2.17E-01	<2.51E-01	<1.26E-04
Interface	Med	212		<2.55E-05	<3.41E-05	0.0006	<5.76E-05	<5.44E-05	108,063	10,039	<6.70E-01	<7.77E-01	<3.88E-04
Interface	Med	163	P	<2.49E-05	0.0002	0.0002	0.0002	<7.91E-05					
Interface	Low	155	P	0.0001	<1.43E-05	<2.72E-05	<2.74E-05	<4.95E-05	664,306	61,716	<3.06E+00	<3.54E+00	<1.77E-03
Non-Reaction Area	High	116		0.0004	0.0008	0.0002	0.0003	0.0004	1,642,688	152,611	68	78	0.039
Non-Reaction Area	Med	199		0.0002	<2.79E-05	0.0004	<1.66E-05	<1.48E-04	2,065,355	191,878	<5.46E+01	<6.33E+01	<3.17E-02
Non-Reaction Area	Med	31		0.0004	0.0007	0.0005	0.0003	0.0004					
Non-Reaction Area	Low	134		0.0001	0.0003	0.0003	0.0001	0.0002	4,542,939	422,053	76	88	0.04
Non SEM Area								<2.27E-04	560,472	52,070	<1.18E+01	<1.37E+01	<6.86E-03
							Total		**12,905,294**	**1,198,941**	**<2.73E+02**	**<3.16E+02**	**<1.58E-01**

										(TPY)
Road				0.0008	0.0001	0.0003	0.0005	0.0004	Exceedance Area	<1.15E-02
									Membrane	<2.26E-02
									Interface	<2.28E-03
									Non-Reaction Area	<1.15E-01
									Average Flux (mg/m2-min)	<2.27E-04
									Non-Reaction Area Flux (mg/m2-m)	<2.58E-04
									Membrane Flux (mg/m2-min)	<1.53E-04
									Interface Flux (mg/m2-min)	<4.78E-05
									Road Flux (mg/m2-min)	0.00041

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		0.0006	0.0003	<4.20E-05	<5.81E-05	<4.73E-04	452,665	42,054	<1.99E+01	<2.30E+01	<1.15E-02
Membrane	High	181		0.0002	<2.76E-05	0.0002	<1.83E-05	<1.75E-04	1,063,263	98,780	<1.73E+01	<2.00E+01	<1.00E-02
Membrane	Low	188		0.0001	0.0000	0.0003	<1.85E-04	<1.44E-04	1,595,881	148,262	<2.13E+01	<2.47E+01	<1.24E-02
Anomalous Cells	High	171		0.0002	0.0001	0.0001	0.0000	0.0001	49,687	4,616	1	1	0.000
Anomalous Cells	Low	172		0.0001	<1.32E-04	0.0002	0.0002	<1.47E-04	44,946	4,176	<6.12E-01	<7.09E-01	<3.55E-04
Interface	High	211		<1.64E-05	<1.71E-05	<3.28E-05	0.0001	<2.03E-05	115,029	10,687	<2.17E-01	<2.51E-01	<1.26E-04
Interface	Med	212		<2.55E-05	<3.41E-05	0.0006	<5.76E-05	<5.44E-05	108,063	10,039	<6.70E-01	<7.77E-01	<3.88E-04
Interface	Med	163	P	<2.49E-05	0.0002	0.0002	0.0002	<7.91E-05					
Interface	Low	155	P	0.0001	<1.43E-05	<2.72E-05	<2.74E-05	<4.95E-05	664,306	61,716	<3.06E+00	<3.54E+00	<1.77E-03
Non-Reaction Area	High	116		0.0004	0.0008	0.0002	0.0003	0.0004	1,642,688	152,611	68	78	0.039
Non-Reaction Area	Med	199		0.0002	<2.79E-05	0.0004	<1.66E-05	<1.48E-04	2,065,355	191,878	<5.46E+01	<6.33E+01	<3.17E-02
Non-Reaction Area	Med	31		0.0004	0.0007	0.0005	0.0003	0.0004					
Non-Reaction Area	Low	134		0.0001	0.0003	0.0003	0.0001	0.0002	4,542,939	422,053	76	88	0.044
Non SEM Area								<2.28E-04	560,472	52,070	<1.19E+01	<1.38E+01	<6.88E-03
							Total		**12,905,294**	**1,198,941**	**<2.74E+02**	**<3.17E+02**	**<1.59E-01**

										(TPY)
Road				0.0008	0.0001	0.0003	0.0005	0.0004	Exceedance Area	<1.15E-02
									Membrane	<2.28E-02
									Interface	<2.28E-03
									Non-Reaction Area	<1.15E-01
									Anomalous Cells	<7.53E-04
									Average Flux (mg/m2-min)	<2.28E-04
									Non-Reaction Area Flux (mg/m2-m)	<2.58E-04
									Membrane Flux (mg/m2-min)	<1.56E-04
									Interface Flux (mg/m2-min)	<4.78E-05
									Anomalous Cells (mg/m2-min)	<1.48E-04

Hexane
110-54-3

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<1.03E-04	0.0003	0.0005	0.0017	<1.69E-04	452,665	42,054	<7.11E+00	<8.24E+00	<4.12E-03
Membrane	High	181		<2.11E-05	<4.24E-05	<2.67E-05	<2.81E-05	<2.46E-05	654,090	60,767	<1.50E+00	<1.73E+00	<8.67E-04
Membrane	Med	171		<2.18E-05	<2.16E-05	<2.15E-05	<2.15E-05	<2.18E-05	933,363	86,712	<2.42E+00	<2.80E+00	<1.40E-03
Membrane	Med	172		<4.35E-05	<2.33E-05	<2.46E-05	<2.32E-05	<3.40E-05					
Membrane	Low	188		<4.63E-05	<5.65E-05	<7.89E-05	<1.24E-04	<7.63E-05	1,166,324	108,355	<8.27E+00	<9.58E+00	<4.79E-03
Interface	High	211		0.0001	0.0001	0.0003	<2.81E-05	<1.26E-04	115,029	10,687	<1.34E+00	<1.56E+00	<7.79E-04
Interface	Med	212		<3.92E-05	<5.25E-05	<2.18E-04	0.0004	<4.85E-05	108,063	10,039	<8.33E-01	<9.65E-01	<4.82E-04
Interface	Med	163	P	0.0001	<2.30E-05	0.0002	0.0001	<1.17E-04					
Interface	Low	155	P	<2.19E-05	<2.20E-05	0.0027	0.0109	<5.71E-04	664,306	61,716	<3.52E+01	<4.08E+01	<2.04E-02
Non-Reaction Area	High	116		0.0001	<2.81E-05	<2.21E-05	<2.20E-05	<4.91E-05	1,642,688	152,611	<7.49E+00	<8.68E+00	<4.34E-03
Non-Reaction Area	Med	199		<2.70E-05	<4.29E-05	<6.46E-05	0.0019	<3.79E-05	2,065,355	191,878	<7.84E+00	<9.09E+00	<4.54E-03
Non-Reaction Area	Med	31		<4.44E-05	0.0001	<3.03E-05	0.0005	<4.38E-05					
Non-Reaction Area	Low	134		<2.18E-05	<3.47E-05	<4.14E-05	<3.33E-05	<2.94E-05	4,542,939	422,053	<1.24E+01	<1.44E+01	<7.19E-03
Non SEM Area								<7.36E-05	560,472	52,070	<3.83E+00	<4.44E+00	<2.22E-03
							Total		**12,905,294**	**1,198,941**	**<8.83E+01**	**<1.02E+02**	**<5.12E-02**

Road				<3.14E-05	<2.30E-05	<2.52E-05	<2.36E-05	<2.69E-05					

	(TPY)
Exceedance Area	<4.12E-03
Membrane	<7.06E-03
Interface	<2.17E-02
Non-Reaction Area	<1.61E-02
Average Flux (mg/m2-min)	<7.36E-05
Non-Reaction Area Flux (mg/m2-m)	<3.62E-05
Membrane Flux (mg/m2-min)	<4.76E-05
Interface Flux (mg/m2-min)	<4.54E-04
Road Flux (mg/m2-min)	<2.69E-05

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<1.03E-04	0.0003	0.0005	0.0017	<1.69E-04	452,665	42,054	<7.11E+00	<8.24E+00	<4.12E-03
Membrane	High	181		<2.11E-05	<4.24E-05	<2.67E-05	<2.81E-05	<2.46E-05	1,063,263	98,780	<2.43E+00	<2.82E+00	<1.41E-03
Membrane	Low	188		<4.63E-05	<5.65E-05	<7.89E-05	<1.24E-04	<7.63E-05	1,595,881	148,262	<1.13E+01	<1.31E+01	<6.56E-03
Anomalous Cells	High	171		<2.18E-05	<2.16E-05	<2.15E-05	<2.15E-05	<2.18E-05	49,687	4,616	<1.00E-01	<1.16E-01	<5.82E-05
Anomalous Cells	Low	172		<4.35E-05	<2.33E-05	<2.46E-05	<2.32E-05	<3.40E-05	44,946	4,176	<1.42E-01	<1.64E-01	<8.22E-05
Interface	High	211		0.0001	0.0001	0.0003	<2.81E-05	<1.26E-04	115,029	10,687	<1.34E+00	<1.56E+00	<7.79E-04
Interface	Med	212		<3.92E-05	<5.25E-05	<2.18E-04	0.0004	<4.85E-05	108,063	10,039	<8.33E-01	<9.65E-01	<4.82E-04
Interface	Med	163	P	0.0001	<2.30E-05	0.0002	0.0001	<1.17E-04					
Interface	Low	155	P	<2.19E-05	<2.20E-05	0.0027	0.0109	<5.71E-04	664,306	61,716	<3.52E+01	<4.08E+01	<2.04E-02
Non-Reaction Area	High	116		0.0001	<2.81E-05	<2.21E-05	<2.20E-05	<4.91E-05	1,642,688	152,611	<7.49E+00	<8.68E+00	<4.34E-03
Non-Reaction Area	Med	199		<2.70E-05	<4.29E-05	<6.46E-05	0.0019	<3.79E-05	2,065,355	191,878	<7.84E+00	<9.09E+00	<4.54E-03
Non-Reaction Area	Med	31		<4.44E-05	0.0001	<3.03E-05	0.0005	<4.38E-05					
Non-Reaction Area	Low	134		<2.18E-05	<3.47E-05	<4.14E-05	<3.33E-05	<2.94E-05	4,542,939	422,053	<1.24E+01	<1.44E+01	<7.19E-03
Non SEM Area								<7.52E-05	560,472	52,070	<3.92E+00	<4.54E+00	<2.27E-03
							Total		**12,905,294**	**1,198,941**	**<9.02E+01**	**<1.05E+02**	**<5.23E-02**

Road				<3.14E-05	<2.30E-05	<2.52E-05	<2.36E-05	<2.69E-05					

	(TPY)
Exceedance Area	<4.12E-03
Membrane	<8.02E-03
Interface	<2.17E-02
Non-Reaction Area	<1.61E-02
Anomalous Cells	<1.40E-04
Average Flux (mg/m2-min)	<7.52E-05
Non-Reaction Area Flux (mg/m2-m)	<3.62E-05
Membrane Flux (mg/m2-min)	<5.57E-05
Interface Flux (mg/m2-min)	<4.54E-04
Anomalous Cells (mg/m2-min)	<2.76E-05

Chloroethane
75-00-3

Legacy Protocol

		Rep		Flux (mg/m2-min)					Area Rep		Emissions		
Category	**Subset**	**Cell**	**M?**	**Low**	**Med**	**High**	**Max**	**W Avg**	**(ft2)**	**(m2)**	**(mg/min)**	**(lbs/yr)**	**(TPY)**
Exceedance Area		87		<7.72E-05	<4.51E-05	0.0003	<6.68E-05	<8.93E-05	452,665	42,054	<3.75E+00	<4.35E+00	<2.18E-03
Membrane	High	181		<1.58E-05	<3.17E-05	0.0001	<2.10E-05	<2.69E-05	654,090	60,767	<1.63E+00	<1.89E+00	<9.47E-04
Membrane	Med	171		<1.63E-05	<1.61E-05	<1.61E-05	<1.61E-05	<1.63E-05	933,363	86,712	<1.81E+00	<2.10E+00	<1.05E-03
Membrane	Med	172		<3.26E-05	<1.75E-05	<1.84E-05	<1.74E-05	<2.54E-05					
Membrane	Low	188		<3.46E-05	<4.23E-05	<5.91E-05	<9.25E-05	<5.71E-05	1,166,324	108,355	<6.19E+00	<7.17E+00	<3.59E-03
Interface	High	211		<1.88E-05	<1.97E-05	<3.77E-05	<2.10E-05	<2.33E-05	115,029	10,687	<2.49E-01	<2.89E-01	<1.45E-04
Interface	Med	212		<2.93E-05	<3.93E-05	<1.63E-04	0.0006	<3.63E-05	108,063	10,039	<1.26E+00	<1.46E+00	<7.28E-04
Interface	Med	163	P	0.0003	<1.72E-05	<3.81E-05	<2.52E-05	<2.14E-04					
Interface	Low	155	P	<1.64E-05	<1.64E-05	0.0009	0.0074	<2.06E-04	664,306	61,716	<1.27E+01	<1.48E+01	<7.38E-03
Non-Reaction Area	High	116		<1.58E-05	<2.11E-05	<1.65E-05	<1.65E-05	<1.66E-05	1,642,688	152,611	<2.53E+00	<2.93E+00	<1.46E-03
Non-Reaction Area	Med	199		<2.02E-05	<3.21E-05	<4.83E-05	0.0020	<2.84E-05	2,065,355	191,878	<5.61E+00	<6.50E+00	<3.25E-03
Non-Reaction Area	Med	31		<3.32E-05	<1.96E-05	<2.27E-05	0.0002	<3.01E-05					
Non-Reaction Area	Low	134		<1.63E-05	<2.59E-05	<3.10E-05	<2.49E-05	<2.20E-05	4,542,939	422,053	<9.29E+00	<1.08E+01	<5.38E-03
Non SEM Area								<3.93E-05	560,472	52,070	<2.05E+00	<2.37E+00	<1.19E-03
							Total		**12,905,294**	**1,198,941**	**<4.71E+01**	**<5.46E+01**	**<2.73E-02**

Road				<2.35E-05	<1.72E-05	<1.88E-05	<1.76E-05	<2.01E-05					

	(TPY)
Exceedance Area	<2.18E-03
Membrane	<5.58E-03
Interface	<8.26E-03
Non-Reaction Area	<1.01E-02
Average Flux (mg/m2-min)	<3.93E-05
Non-Reaction Area Flux (mg/m2-m)	<2.27E-05
Membrane Flux (mg/m2-min)	<3.76E-05
Interface Flux (mg/m2-min)	<1.73E-04
Road Flux (mg/m2-min)	<2.01E-05

New Protocol

		Rep		Flux (mg/m2-min)					Area Rep		Emissions		
Category	**Subset**	**Cell**	**M?**	**Low**	**Med**	**High**	**Max**	**W Avg**	**(ft2)**	**(m2)**	**(mg/min)**	**(lbs/yr)**	**(TPY)**
Exceedance Area		87		<7.72E-05	<4.51E-05	0.0003	<6.68E-05	<8.93E-05	452,665	42,054	<3.75E+00	<4.35E+00	<2.18E-03
Membrane	High	181		<1.58E-05	<3.17E-05	0.0001	<2.10E-05	<2.69E-05	1,063,263	98,780	<2.66E+00	<3.08E+00	<1.54E-03
Membrane	Low	188		<3.46E-05	<4.23E-05	<5.91E-05	<9.25E-05	<5.71E-05	1,595,881	148,262	<8.47E+00	<9.81E+00	<4.91E-03
Anomalous Cells	High	171		<1.63E-05	<1.61E-05	<1.61E-05	<1.61E-05	<1.63E-05	49,687	4,616	<7.52E-02	<8.71E-02	<4.36E-05
Anomalous Cells	Low	172		<3.26E-05	<1.75E-05	<1.84E-05	<1.74E-05	<2.54E-05	44,946	4,176	<1.06E-01	<1.23E-01	<6.15E-05
Interface	High	211		<1.88E-05	<1.97E-05	<3.77E-05	<2.10E-05	<2.33E-05	115,029	10,687	<2.49E-01	<2.89E-01	<1.45E-04
Interface	Med	212		<2.93E-05	<3.93E-05	<1.63E-04	0.0006	<3.63E-05	108,063	10,039	<1.26E+00	<1.46E+00	<7.28E-04
Interface	Med	163	P	0.0003	<1.72E-05	<3.81E-05	<2.52E-05	<2.14E-04					
Interface	Low	155	P	<1.64E-05	<1.64E-05	0.0009	0.0074	<2.06E-04	664,306	61,716	<1.27E+01	<1.48E+01	<7.38E-03
Non-Reaction Area	High	116		<1.58E-05	<2.11E-05	<1.65E-05	<1.65E-05	<1.66E-05	1,642,688	152,611	<2.53E+00	<2.93E+00	<1.46E-03
Non-Reaction Area	Med	199		<2.02E-05	<3.21E-05	<4.83E-05	0.0020	<2.84E-05	2,065,355	191,878	<5.61E+00	<6.50E+00	<3.25E-03
Non-Reaction Area	Med	31		<3.32E-05	<1.96E-05	<2.27E-05	0.0002	<3.01E-05					
Non-Reaction Area	Low	134		<1.63E-05	<2.59E-05	<3.10E-05	<2.49E-05	<2.20E-05	4,542,939	422,053	<9.29E+00	<1.08E+01	<5.38E-03
Non SEM Area								<4.08E-05	560,472	52,070	<2.12E+00	<2.46E+00	<1.23E-03
							Total		**12,905,294**	**1,198,941**	**<4.89E+01**	**<5.66E+01**	**<2.83E-02**

Road				<2.35E-05	<1.72E-05	<1.88E-05	<1.76E-05	<2.01E-05					

	(TPY)
Exceedance Area	<2.18E-03
Membrane	<6.49E-03
Interface	<8.26E-03
Non-Reaction Area	<1.01E-02
Anomalous Cells	<1.05E-04
Average Flux (mg/m2-min)	<4.08E-05
Non-Reaction Area Flux (mg/m2-m)	<2.27E-05
Membrane Flux (mg/m2-min)	<4.50E-05
Interface Flux (mg/m2-min)	<1.73E-04
Anomalous Cells (mg/m2-min)	<2.06E-05

1,2-Dichloroethane

107-06-2

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<6.10E-05	<3.57E-05	0.0002	<5.29E-05	<6.78E-05	452,665	42,054	<2.85E+00	<3.30E+00	<1.65E-03
Membrane	High	181		<1.25E-05	<2.51E-05	<1.58E-05	<1.66E-05	<1.46E-05	654,090	60,767	<8.85E-01	<1.03E+00	<5.13E-04
Membrane	Med	171		<1.29E-05	0.0000	0.0000	0.0000	<2.08E-05	933,363	86,712	<1.78E+00	<2.06E+00	<1.03E-03
Membrane	Med	172		<2.57E-05	<1.38E-05	<1.45E-05	<1.37E-05	<2.01E-05					
Membrane	Low	188		<2.74E-05	<3.34E-05	<4.67E-05	<7.31E-05	<4.52E-05	1,166,324	108,355	<4.89E+00	<5.67E+00	<2.84E-03
Interface	High	211		<1.49E-05	<1.55E-05	<2.98E-05	<1.66E-05	<1.85E-05	115,029	10,687	<1.97E-01	<2.29E-01	<1.14E-04
Interface	Med	212		<2.32E-05	<3.10E-05	<1.29E-04	0.0002	<2.87E-05	108,063	10,039	<4.21E-01	<4.87E-01	<2.44E-04
Interface	Med	163	P	0.0001	<1.36E-05	<3.01E-05	<2.00E-05	<5.51E-05					
Interface	Low	155	P	<1.30E-05	<1.30E-05	0.0030	0.0026	<6.26E-04	664,306	61,716	<3.87E+01	<4.48E+01	<2.24E-02
Non-Reaction Area	High	116		<1.25E-05	<1.66E-05	<1.31E-05	<1.30E-05	<1.31E-05	1,642,688	152,611	<2.00E+00	<2.32E+00	<1.16E-03
Non-Reaction Area	Med	199		<1.60E-05	<2.54E-05	<3.82E-05	0.0001	<2.24E-05	2,065,355	191,878	<4.43E+00	<5.13E+00	<2.57E-03
Non-Reaction Area	Med	31		<2.63E-05	<1.55E-05	<1.79E-05	0.0000	<2.38E-05					
Non-Reaction Area	Low	134		<1.29E-05	<2.05E-05	<2.45E-05	<1.97E-05	<1.74E-05	4,542,939	422,053	<7.35E+00	<8.51E+00	<4.26E-03
Non SEM Area								<5.53E-05	560,472	52,070	<2.88E+00	<3.34E+00	<1.67E-03
							Total		**12,905,294**	**1,198,941**	**<6.63E+01**	**<7.69E+01**	**<3.84E-02**

Road				<1.86E-05	<1.36E-05	<1.49E-05	<1.39E-05	<1.59E-05					

	(TPY)
Exceedance Area	<1.65E-03
Membrane	<4.38E-03
Interface	<2.28E-02
Non-Reaction Area	<7.98E-03
Average Flux (mg/m2-min)	<5.53E-05
Non-Reaction Area Flux (mg/m2-m)	<1.80E-05
Membrane Flux (mg/m2-min)	<2.95E-05
Interface Flux (mg/m2-min)	<4.76E-04
Road Flux (mg/m2-min)	<1.59E-05

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<6.10E-05	<3.57E-05	0.0002	<5.29E-05	<6.78E-05	452,665	42,054	<2.85E+00	<3.30E+00	<1.65E-03
Membrane	High	181		<1.25E-05	<2.51E-05	<1.58E-05	<1.66E-05	<1.46E-05	1,063,263	98,780	<1.44E+00	<1.67E+00	<8.34E-04
Membrane	Low	188		<2.74E-05	0.0000	0.0000	0.0001	<4.52E-05	1,595,881	148,262	<6.70E+00	<7.76E+00	<3.88E-03
Anomalous Cells	High	171		<1.29E-05	<2.85E-05	<4.94E-05	<3.14E-05	<2.08E-05	49,687	4,616	<9.62E-02	<1.12E-01	<5.58E-05
Anomalous Cells	Low	172		<2.57E-05	<1.38E-05	<1.45E-05	<1.37E-05	<2.01E-05	44,946	4,176	<8.40E-02	<9.73E-02	<4.87E-05
Interface	High	211		<1.49E-05	<1.55E-05	<2.98E-05	<1.66E-05	<1.85E-05	115,029	10,687	<1.97E-01	<2.29E-01	<1.14E-04
Interface	Med	212		<2.32E-05	<3.10E-05	<1.29E-04	0.0002	<2.87E-05	108,063	10,039	<4.21E-01	<4.87E-01	<2.44E-04
Interface	Med	163	P	0.0001	<1.36E-05	<3.01E-05	<2.00E-05	<5.51E-05					
Interface	Low	155	P	<1.30E-05	<1.30E-05	0.0030	0.0026	<6.26E-04	664,306	61,716	<3.87E+01	<4.48E+01	<2.24E-02
Non-Reaction Area	High	116		<1.25E-05	<1.66E-05	<1.31E-05	<1.30E-05	<1.31E-05	1,642,688	152,611	<2.00E+00	<2.32E+00	<1.16E-03
Non-Reaction Area	Med	199		<1.60E-05	<2.54E-05	<3.82E-05	0.0001	<2.24E-05	2,065,355	191,878	<4.43E+00	<5.13E+00	<2.57E-03
Non-Reaction Area	Med	31		<2.63E-05	<1.55E-05	<1.79E-05	0.0000	<2.38E-05					
Non-Reaction Area	Low	134		<1.29E-05	<2.05E-05	<2.45E-05	<1.97E-05	<1.74E-05	4,542,939	422,053	<7.35E+00	<8.51E+00	<4.26E-03
Non SEM Area								<5.60E-05	560,472	52,070	<2.92E+00	<3.38E+00	<1.69E-03
							Total		**12,905,294**	**1,198,941**	**<6.71E+01**	**<7.78E+01**	**<3.89E-02**

Road				<1.86E-05	<1.36E-05	<1.49E-05	<1.39E-05	<1.59E-05					

	(TPY)
Exceedance Area	<1.65E-03
Membrane	<4.77E-03
Interface	<2.28E-02
Non-Reaction Area	<7.98E-03
Anomalous Cells	<1.04E-04
Average Flux (mg/m2-min)	<5.60E-05
Non-Reaction Area Flux (mg/m2-m)	<1.80E-05
Membrane Flux (mg/m2-min)	<3.29E-05
Interface Flux (mg/m2-min)	<4.76E-04
Anomalous Cells (mg/m2-min)	<2.05E-05

Trichloroethene (TCE)
79-01-6

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<3.81E-05	<2.23E-05	<2.39E-05	<3.30E-05	<3.40E-05	452,665	42,054	<1.43E+00	<1.66E+00	<8.30E-04
Membrane	High	181		<7.80E-06	<1.57E-05	<9.87E-06	<1.04E-05	<9.10E-06	654,090	60,767	<5.53E-01	<6.41E-01	<3.20E-04
Membrane	Med	171		<8.07E-06	<7.97E-06	<7.95E-06	<7.94E-06	<8.04E-06	933,363	86,712	<8.93E-01	<1.04E+00	<5.18E-04
Membrane	Med	172		<1.61E-05	<8.63E-06	<9.09E-06	<8.57E-06	<1.26E-05					
Membrane	Low	188		<1.71E-05	<2.09E-05	<2.92E-05	<4.57E-05	<2.82E-05	1,166,324	108,355	<3.06E+00	<3.54E+00	<1.77E-03
Interface	High	211		<9.29E-06	<9.71E-06	<1.86E-05	<1.04E-05	<1.15E-05	115,029	10,687	<1.23E-01	<1.43E-01	<7.14E-05
Interface	Med	212		<1.45E-05	<1.94E-05	0.0002	0.0013	<2.44E-05	108,063	10,039	<1.91E-01	<2.21E-01	<1.10E-04
Interface	Med	163	P	<1.41E-05	<8.51E-06	<1.88E-05	<1.25E-05	<1.36E-05					
Interface	Low	155	P	<8.10E-06	<8.11E-06	0.0036	0.0023	<7.43E-04	664,306	61,716	<4.59E+01	<5.32E+01	<2.66E-02
Non-Reaction Area	High	116		<7.80E-06	<1.04E-05	<8.16E-06	<8.15E-06	<8.18E-06	1,642,688	152,611	<1.25E+00	<1.45E+00	<7.23E-04
Non-Reaction Area	Med	199		<9.98E-06	<1.59E-05	<2.39E-05	<9.45E-06	<1.40E-05	2,065,355	191,878	<2.77E+00	<3.21E+00	<1.60E-03
Non-Reaction Area	Med	31		<1.64E-05	<9.66E-06	<1.12E-05	<8.60E-06	<1.48E-05					
Non-Reaction Area	Low	134		<8.05E-06	<1.28E-05	<1.53E-05	<1.23E-05	<1.09E-05	4,542,939	422,053	<4.59E+00	<5.32E+00	<2.66E-03
Non SEM Area								<5.30E-05	560,472	52,070	<2.76E+00	<3.20E+00	<1.60E-03
							Total		**12,905,294**	**1,198,941**	**<6.35E+01**	**<7.36E+01**	**<3.68E-02**

Road				<1.16E-05	<8.49E-06	<9.30E-06	<8.71E-06	<9.93E-06					

	(TPY)
Exceedance Area	<8.30E-04
Membrane	<2.61E-03
Interface	<2.68E-02
Non-Reaction Area	<4.98E-03
Average Flux (mg/m2-min)	<5.30E-05
Non-Reaction Area Flux (mg/m2-m)	<1.12E-05
Membrane Flux (mg/m2-min)	<1.76E-05
Interface Flux (mg/m2-min)	<5.60E-04
Road Flux (mg/m2-min)	<9.93E-06

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<3.81E-05	<2.23E-05	<2.39E-05	<3.30E-05	<3.40E-05	452,665	42,054	<1.43E+00	<1.66E+00	<8.30E-04
Membrane	High	181		<7.80E-06	<1.57E-05	<9.87E-06	<1.04E-05	<9.10E-06	1,063,263	98,780	<8.99E-01	<1.04E+00	<5.21E-04
Membrane	Low	188		<1.71E-05	<2.09E-05	<2.92E-05	<4.57E-05	<2.82E-05	1,595,881	148,262	<4.18E+00	<4.85E+00	<2.42E-03
Anomalous Cells	High	171		<8.07E-06	<7.97E-06	<7.95E-06	<7.94E-06	<8.04E-06	49,687	4,616	<3.71E-02	<4.30E-02	<2.15E-05
Anomalous Cells	Low	172		<1.61E-05	<8.63E-06	<9.09E-06	<8.57E-06	<1.26E-05	44,946	4,176	<5.25E-02	<6.08E-02	<3.04E-05
Interface	High	211		<9.29E-06	<9.71E-06	<1.86E-05	<1.04E-05	<1.15E-05	115,029	10,687	<1.23E-01	<1.43E-01	<7.14E-05
Interface	Med	212		<1.45E-05	<1.94E-05	0.0002	0.0013	<2.44E-05	108,063	10,039	<1.91E-01	<2.21E-01	<1.10E-04
Interface	Med	163	P	<1.41E-05	<8.51E-06	<1.88E-05	<1.25E-05	<1.36E-05					
Interface	Low	155	P	<8.10E-06	<8.11E-06	0.0036	0.0023	<7.43E-04	664,306	61,716	<4.59E+01	<5.32E+01	<2.66E-02
Non-Reaction Area	High	116		<7.80E-06	<1.04E-05	<8.16E-06	<8.15E-06	<8.18E-06	1,642,688	152,611	<1.25E+00	<1.45E+00	<7.23E-04
Non-Reaction Area	Med	199		<9.98E-06	<1.59E-05	<2.39E-05	<9.45E-06	<1.40E-05	2,065,355	191,878	<2.77E+00	<3.21E+00	<1.60E-03
Non-Reaction Area	Med	31		<1.64E-05	<9.66E-06	<1.12E-05	<8.60E-06	<1.48E-05					
Non-Reaction Area	Low	134		<8.05E-06	<1.28E-05	<1.53E-05	<1.23E-05	<1.09E-05	4,542,939	422,053	<4.59E+00	<5.32E+00	<2.66E-03
Non SEM Area								<5.35E-05	560,472	52,070	<2.79E+00	<3.23E+00	<1.62E-03
							Total		**12,905,294**	**1,198,941**	**<6.42E+01**	**<7.44E+01**	**<3.72E-02**

Road				<1.16E-05	<8.49E-06	<9.30E-06	<8.71E-06	<9.93E-06					

	(TPY)
Exceedance Area	<8.30E-04
Membrane	<2.97E-03
Interface	<2.68E-02
Non-Reaction Area	<4.98E-03
Anomalous Cells	<5.19E-05
Average Flux (mg/m2-min)	<5.35E-05
Non-Reaction Area Flux (mg/m2-m)	<1.12E-05
Membrane Flux (mg/m2-min)	<2.06E-05
Interface Flux (mg/m2-min)	<5.60E-04
Anomalous Cells (mg/m2-min)	<1.02E-05

Benzene TO-14
71-43-2

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<2.80E-04	<1.40E-04	0.0036	0.0033	<5.88E-04	452,665	42,054	<2.47E+01	<2.87E+01	<1.43E-02
Membrane	High	181		<3.86E-05	0.1550	0.0004	0.0442	<2.14E-02	654,090	60,767	<1.30E+03	<1.51E+03	<7.55E-01
Membrane	Med	171		0.0138	0.0343	0.0016	0.0357	0.0122	933,363	86,712	591	685	0.34
Membrane	Med	172		0.0018	0.0014	0.0007	0.0036	0.0014					
Membrane	Low	188		<8.47E-05	<1.03E-04	<1.44E-04	<2.26E-04	<1.40E-04	1,166,324	108,355	<1.51E+01	<1.75E+01	<8.77E-03
Interface	High	211		0.0042	0.0007	0.0196	0.0012	0.0060	115,029	10,687	64	74	0.037
Interface	Med	212		0.0002	<9.60E-05	0.0012	<1.62E-04	<2.06E-04	108,063	10,039	<1.37E+00	<1.59E+00	<7.96E-04
Interface	Med	163	P	<7.00E-05	<4.22E-05	<9.32E-05	<6.18E-05	<6.75E-05					
Interface	Low	155	P	<4.01E-05	<4.02E-05	0.0038	0.0063	<8.13E-04	664,306	61,716	<5.02E+01	<5.81E+01	<2.91E-02
Non-Reaction Area	High	116		<3.86E-05	<5.15E-05	<4.04E-05	<6.50E-05	<4.05E-05	1,642,688	152,611	<6.18E+00	<7.17E+00	<3.58E-03
Non-Reaction Area	Med	199		0.0003	0.0002	<1.18E-04	0.0011	<2.29E-04	2,065,355	191,878	<2.91E+01	<3.37E+01	<1.68E-02
Non-Reaction Area	Med	31		<8.13E-05	<4.78E-05	<5.55E-05	0.0017	<7.36E-05					
Non-Reaction Area	Low	134		0.0001	0.0002	<7.58E-05	<6.09E-05	<1.16E-04	4,542,939	422,053	<4.91E+01	<5.69E+01	<2.85E-02
Non SEM Area								<1.86E-03	560,472	52,070	<9.69E+01	<1.12E+02	<5.61E-02
							Total		**12,905,294**	**1,198,941**	**<2.23E+03**	**<2.58E+03**	**<1.29E+00**

Road				0.0004	0.0001	<4.61E-05	0.0001	<2.08E-04					

	(TPY)
Exceedance Area	<1.43E-02
Membrane	<1.11E+00
Interface	<6.67E-02
Non-Reaction Area	<4.89E-02
Average Flux (mg/m2-min)	<1.86E-03
Non-Reaction Area Flux (mg/m2-m)	<1.10E-04
Membrane Flux (mg/m2-min)	<7.46E-03
Interface Flux (mg/m2-min)	<1.40E-03
Road Flux (mg/m2-min)	<2.08E-04

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<2.80E-04	<1.40E-04	0.0036	0.0033	<5.88E-04	452,665	42,054	<2.47E+01	<2.87E+01	<1.43E-02
Membrane	High	181		<3.86E-05	0.1550	0.0004	0.0442	<2.14E-02	1,063,263	98,780	<2.12E+03	<2.46E+03	<1.23E+00
Membrane	Low	188		0.0001	0.0001	0.0001	0.0002	0.0001	1,595,881	148,262	21	24	0.012
Anomalous Cells	High	171		0.0138	0.0343	0.0016	0.0357	0.0122	49,687	4,616	56	65	0.033
Anomalous Cells	Low	172		<1.77E-03	<1.43E-03	<6.53E-04	<3.57E-03	<1.44E-03	44,946	4,176	<6.01E+00	<6.97E+00	<3.48E-03
Interface	High	211		0.0042	0.0007	0.0196	0.0012	0.0060	115,029	10,687	64	74	0.037
Interface	Med	212		0.0002	<9.60E-05	0.0012	<1.62E-04	<2.06E-04	108,063	10,039	<1.37E+00	<1.59E+00	<7.96E-04
Interface	Med	163	P	<7.00E-05	<4.22E-05	<9.32E-05	<6.18E-05	<6.75E-05					
Interface	Low	155	P	<4.01E-05	<4.02E-05	0.0038	0.0063	<8.13E-04	664,306	61,716	<5.02E+01	<5.81E+01	<2.91E-02
Non-Reaction Area	High	116		<3.86E-05	<5.15E-05	<4.04E-05	<6.50E-05	<4.05E-05	1,642,688	152,611	<6.18E+00	<7.17E+00	<3.58E-03
Non-Reaction Area	Med	199		0.0003	0.0002	<1.18E-04	0.0011	<2.29E-04	2,065,355	191,878	<2.91E+01	<3.37E+01	<1.68E-02
Non-Reaction Area	Med	31		<8.13E-05	<4.78E-05	<5.55E-05	0.0017	<7.36E-05					
Non-Reaction Area	Low	134		0.0001	0.0002	<7.58E-05	<6.09E-05	<1.16E-04	4,542,939	422,053	<4.91E+01	<5.69E+01	<2.85E-02
Non SEM Area								<2.12E-03	560,472	52,070	<1.10E+02	<1.28E+02	<6.38E-02
							Total		**12,905,294**	**1,198,941**	**<2.54E+03**	**<2.94E+03**	**<1.47E+00**

Road				0.0004	0.0001	<4.61E-05	0.0001	<2.08E-04					

	(TPY)
Exceedance Area	<1.43E-02
Membrane	<1.27E+00
Interface	<6.67E-02
Non-Reaction Area	<4.89E-02
Anomalous Cells	<3.61E-02
Average Flux (mg/m2-min)	<2.12E-03
Non-Reaction Area Flux (mg/m2-m)	<1.10E-04
Membrane Flux (mg/m2-min)	<8.66E-03
Interface Flux (mg/m2-min)	<1.40E-03
Anomalous Cells (mg/m2-min)	<7.08E-03

Propane TO-14
74-98-6

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		0.0008	0.0004	0.0091	0.1845	0.0015	452,665	42,054	65	75	0.038
Membrane	High	181		0.0001	0.0007	0.0002	0.0003	0.0002	654,090	60,767	12	14	0.0072
Membrane	Med	171		0.0002	0.0004	0.0005	0.0003	0.0003	933,363	86,712	31	36	0.018
Membrane	Med	172		0.0006	0.0003	0.0002	0.0002	0.0004					
Membrane	Low	188		<9.57E-05	0.0003	0.0004	0.0007	<3.41E-04	1,166,324	108,355	<3.69E+01	<4.28E+01	<2.14E-02
Interface	High	211		0.0002	<5.43E-05	0.0007	0.0002	<2.61E-04	115,029	10,687	<2.79E+00	<3.23E+00	<1.62E-03
Interface	Med	212		0.0002	0.0004	0.0010	<1.83E-04	<2.45E-04	108,063	10,039	<2.23E+00	<2.59E+00	<1.29E-03
Interface	Med	163	P	0.0002	<4.76E-05	0.0007	0.0015	<2.00E-04					
Interface	Low	155	P	0.0007	0.0001	0.0003	0.0006	0.0005	664,306	61,716	31	35	0.018
Non-Reaction Area	High	116		0.0001	0.0001	0.0001	<7.34E-05	<1.31E-04	1,642,688	152,611	<2.01E+01	<2.32E+01	<1.16E-02
Non-Reaction Area	Med	199		0.0002	0.0005	0.0010	0.0064	0.0004	2,065,355	191,878	<8.95E+01	<1.04E+02	<5.18E-02
Non-Reaction Area	Med	31		<9.18E-05	0.0033	0.0004	0.0619	<5.19E-04					
Non-Reaction Area	Low	134		<4.50E-05	0.0002	0.0002	<6.88E-05	<1.29E-04	4,542,939	422,053	<5.46E+01	<6.32E+01	<3.16E-02
Non SEM Area								<3.00E-04	560,472	52,070	<1.56E+01	<1.81E+01	<9.06E-03
							Total		**12,905,294**	**1,198,941**	**<3.60E+02**	**<4.17E+02**	**<2.09E-01**

Road				<6.49E-05	<4.75E-05	0.0002	0.0002	<7.37E-05					

	(TPY)
Exceedance Area	0.038
Membrane	<4.64E-02
Interface	<2.06E-02
Non-Reaction Area	<9.51E-02
Average Flux (mg/m2-min)	<3.00E-04
Non-Reaction Area Flux (mg/m2-m)	<2.14E-04
Membrane Flux (mg/m2-min)	<3.13E-04
Interface Flux (mg/m2-min)	<4.31E-04
Road Flux (mg/m2-min)	<7.37E-05

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		0.0008	0.0004	0.0091	0.1845	0.0015	452,665	42,054	65	75	0.0375
Membrane	High	181		0.0001	0.0007	0.0002	0.0003	0.0002	1,063,263	98,780	20	23	0.012
Membrane	Low	188		0.0001	0.0003	0.0004	0.0007	0.0003	1,595,881	148,262	51	59	0.029
Anomalous Cells	High	171		0.0002	0.0004	0.0005	0.0003	0.0003	49,687	4,616	1	1	0.00072
Anomalous Cells	Low	172		<6.10E-04	0.0003	0.0002	0.0002	<4.41E-04	44,946	4,176	<1.84E+00	<2.13E+00	<1.07E-03
Interface	High	211		0.0002	<5.43E-05	0.0007	0.0002	<2.61E-04	115,029	10,687	<2.79E+00	<3.23E+00	<1.62E-03
Interface	Med	212		0.0002	0.0004	0.0010	<1.83E-04	<2.45E-04	108,063	10,039	<2.23E+00	<2.59E+00	<1.29E-03
Interface	Med	163	P	0.0002	<4.76E-05	0.0007	0.0015	<2.00E-04					
Interface	Low	155	P	0.0007	0.0001	0.0003	0.0006	0.0005	664,306	61,716	31	35	0.018
Non-Reaction Area	High	116		0.0001	0.0001	0.0001	<7.34E-05	<1.31E-04	1,642,688	152,611	<2.01E+01	<2.32E+01	<1.16E-02
Non-Reaction Area	Med	199		0.0002	0.0005	0.0010	0.0064	0.0004	2,065,355	191,878	<8.95E+01	<1.04E+02	<5.18E-02
Non-Reaction Area	Med	31		<9.18E-05	0.0033	0.0004	0.0619	<5.19E-04					
Non-Reaction Area	Low	134		<4.50E-05	0.0002	0.0002	<6.88E-05	<1.29E-04	4,542,939	422,053	<5.46E+01	<6.32E+01	<3.16E-02
Non SEM Area								<2.95E-04	560,472	52,070	<1.54E+01	<1.78E+01	<8.90E-03
							Total		**12,905,294**	**1,198,941**	**<3.54E+02**	**<4.10E+02**	**<2.05E-01**

Road				<6.49E-05	<4.75E-05	0.0002	0.0002	<7.37E-05					

	(TPY)
Exceedance Area	0.0375
Membrane	0.042
Interface	<2.06E-02
Non-Reaction Area	<9.51E-02
Anomalous Cells	<1.78E-03
Average Flux (mg/m2-min)	<2.95E-04
Non-Reaction Area Flux (mg/m2-m)	<2.14E-04
Membrane Flux (mg/m2-min)	0.00029
Interface Flux (mg/m2-min)	<4.31E-04
Anomalous Cells (mg/m2-min)	<3.50E-04

Toluene TO-14

108-88-3

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<2.83E-04	<1.42E-04	0.0106	0.0112	<1.29E-03	452,665	42,054	<5.43E+01	<6.29E+01	<3.15E-02
Membrane	High	181		<3.90E-05	0.0556	0.0001	0.0165	<7.71E-03	654,090	60,767	<4.68E+02	<5.43E+02	<2.71E-01
Membrane	Med	171		0.0097	0.0169	0.0048	0.0156	0.0090	933,363	86,712	399	463	0.231
Membrane	Med	172		0.0002	0.0002	0.0001	0.0010	0.0002					
Membrane	Low	188		<8.56E-05	<1.05E-04	0.0005	<2.29E-04	<2.20E-04	1,166,324	108,355	<2.38E+01	<2.76E+01	<1.38E-02
Interface	High	211		0.0011	0.0001	0.0051	0.0002	0.0015	115,029	10,687	16	19	0.010
Interface	Med	212		0.0002	<9.71E-05	<4.03E-04	0.0006	<2.37E-04	108,063	10,039	<3.39E+00	<3.92E+00	<1.96E-03
Interface	Med	163	P	0.0005	0.0002	<9.42E-05	0.0014	<4.37E-04					
Interface	Low	155	P	<4.05E-05	<4.06E-05	0.0434	0.0751	<9.01E-03	664,306	61,716	<5.56E+02	<6.44E+02	<3.22E-01
Non-Reaction Area	High	116		0.0001	<5.21E-05	<4.09E-05	<6.57E-05	<1.17E-04	1,642,688	152,611	<1.78E+01	<2.07E+01	<1.03E-02
Non-Reaction Area	Med	199		0.0001	<7.94E-05	0.0003	0.0062	<1.17E-04	2,065,355	191,878	<2.04E+01	<2.37E+01	<1.18E-02
Non-Reaction Area	Med	31		<8.22E-05	<4.84E-05	0.0002	0.0052	<9.57E-05					
Non-Reaction Area	Low	134		<4.03E-05	<6.41E-05	<7.67E-05	<6.16E-05	<5.44E-05	4,542,939	422,053	<2.30E+01	<2.66E+01	<1.33E-02
Non SEM Area								<1.38E-03	560,472	52,070	<7.19E+01	<8.33E+01	<4.16E-02
							Total		**12,905,294**	**1,198,941**	**<1.65E+03**	**<1.92E+03**	**<9.59E-01**

Road				<5.81E-05	<4.25E-05	<4.66E-05	<4.36E-05	<4.97E-05					

	(TPY)
Exceedance Area	<3.15E-02
Membrane	<5.17E-01
Interface	<3.34E-01
Non-Reaction Area	<3.55E-02
Average Flux (mg/m2-min)	<1.38E-03
Non-Reaction Area Flux (mg/m2-m)	<7.99E-05
Membrane Flux (mg/m2-min)	<3.49E-03
Interface Flux (mg/m2-min)	<6.98E-03
Road Flux (mg/m2-min)	<4.97E-05

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<2.83E-04	<1.42E-04	0.0106	0.0112	<1.29E-03	452,665	42,054	<5.43E+01	<6.29E+01	<3.15E-02
Membrane	High	181		<3.90E-05	0.0556	0.0001	0.0165	<7.71E-03	1,063,263	98,780	<7.62E+02	<8.82E+02	<4.41E-01
Membrane	Low	188		0.0001	0.0001	0.0005	0.0002	0.0002	1,595,881	148,262	33	38	0.019
Anomalous Cells	High	171		0.0097	0.0169	0.0048	0.0156	0.0090	49,687	4,616	42	48	0.02409
Anomalous Cells	Low	172		<2.42E-04	<2.16E-04	0.0001	<9.58E-04	<2.03E-04	44,946	4,176	<8.49E-01	<9.84E-01	<4.92E-04
Interface	High	211		0.0011	0.0001	0.0051	0.0002	0.0015	115,029	10,687	16	19	0.010
Interface	Med	212		0.0002	<9.71E-05	<4.03E-04	0.0006	<2.37E-04	108,063	10,039	<3.39E+00	<3.92E+00	<1.96E-03
Interface	Med	163	P	0.0005	0.0002	<9.42E-05	0.0014	<4.37E-04					
Interface	Low	155	P	<4.05E-05	<4.06E-05	0.0434	0.0751	<9.01E-03	664,306	61,716	<5.56E+02	<6.44E+02	<3.22E-01
Non-Reaction Area	High	116		0.0001	<5.21E-05	<4.09E-05	<6.57E-05	<1.17E-04	1,642,688	152,611	<1.78E+01	<2.07E+01	<1.03E-02
Non-Reaction Area	Med	199		0.0001	<7.94E-05	0.0003	0.0062	<1.17E-04	2,065,355	191,878	<2.04E+01	<2.37E+01	<1.18E-02
Non-Reaction Area	Med	31		<8.22E-05	<4.84E-05	0.0002	0.0052	<9.57E-05					
Non-Reaction Area	Low	134		<4.03E-05	<6.41E-05	<7.67E-05	<6.16E-05	<5.44E-05	4,542,939	422,053	<2.30E+01	<2.66E+01	<1.33E-02
Non SEM Area								<1.33E-03	560,472	52,070	<6.94E+01	<8.04E+01	<4.02E-02
							Total		**12,905,294**	**1,198,941**	**<1.60E+03**	**<1.85E+03**	**<9.25E-01**

Road				<5.81E-05	<4.25E-05	<4.66E-05	<4.36E-05	<4.97E-05					

	(TPY)
Exceedance Area	<3.15E-02
Membrane	<4.84E-01
Interface	<3.34E-01
Non-Reaction Area	<3.55E-02
Anomalous Cells	<2.46E-02
Average Flux (mg/m2-min)	<1.33E-03
Non-Reaction Area Flux (mg/m2-m)	<7.99E-05
Membrane Flux (mg/m2-min)	<3.21E-03
Interface Flux (mg/m2-min)	<6.98E-03
Anomalous Cells (mg/m2-min)	<4.83E-03

n-propylbenzene TO-14
103-65-1

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<2.87E-04	<1.44E-04	0.0307	0.0397	<3.31E-03	452,665	42,054	<1.39E+02	<1.61E+02	<8.06E-02
Membrane	High	181		<3.96E-05	0.0274	<5.02E-05	0.0048	<3.81E-03	654,090	60,767	<2.32E+02	<2.68E+02	<1.34E-01
Membrane	Med	171		0.0029	0.0061	0.0035	0.0011	0.0031	933,363	86,712	<1.39E+02	<1.61E+02	<8.04E-02
Membrane	Med	172		<8.17E-05	<4.38E-05	<4.62E-05	<4.35E-05	<6.38E-05					
Membrane	Low	188		<8.69E-05	<1.06E-04	<1.48E-04	<2.32E-04	<1.43E-04	1,166,324	108,355	<1.55E+01	<1.80E+01	<9.00E-03
Interface	High	211		0.0005	0.0002	0.0017	0.0004	0.0006	115,029	10,687	7	8	0.0040
Interface	Med	212		<7.35E-05	<9.85E-05	0.0011	0.0187	<1.22E-04	108,063	10,039	<5.06E+00	<5.86E+00	<2.93E-03
Interface	Med	163	P	0.0011	0.0004	0.0005	0.0129	0.0009					
Interface	Low	155	P	<4.11E-05	<4.12E-05	0.0798	0.0842	<1.65E-02	664,306	61,716	<1.02E+03	<1.18E+03	<5.91E-01
Non-Reaction Area	High	116		0.0002	<5.28E-05	<4.15E-05	<6.67E-05	<1.44E-04	1,642,688	152,611	<2.19E+01	<2.54E+01	<1.27E-02
Non-Reaction Area	Med	199		0.0004	0.0007	0.0027	0.0088	0.0007	2,065,355	191,878	<7.75E+01	<8.99E+01	<4.49E-02
Non-Reaction Area	Med	31		<8.34E-05	<4.91E-05	<5.69E-05	0.0241	<7.62E-05					
Non-Reaction Area	Low	134		<4.09E-05	<6.51E-05	<7.78E-05	<6.25E-05	<5.53E-05	4,542,939	422,053	<2.33E+01	<2.70E+01	<1.35E-02
Non SEM Area								<1.47E-03	560,472	52,070	<7.63E+01	<8.84E+01	<4.42E-02
							Total		**12,905,294**	**1,198,941**	**<1.76E+03**	**<2.04E+03**	**<1.02E+00**

Road				<5.90E-05	0.0002	<4.73E-05	<4.42E-05	<1.02E-04					

	(TPY)
Exceedance Area	<8.06E-02
Membrane	<2.24E-01
Interface	<5.98E-01
Non-Reaction Area	<7.12E-02
Average Flux (mg/m2-min)	<1.47E-03
Non-Reaction Area Flux (mg/m2-m)	<1.60E-04
Membrane Flux (mg/m2-min)	<1.51E-03
Interface Flux (mg/m2-min)	<1.25E-02
Road Flux (mg/m2-min)	<1.02E-04

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<2.87E-04	<1.44E-04	0.0307	0.0397	<3.31E-03	452,665	42,054	<1.39E+02	<1.61E+02	<8.06E-02
Membrane	High	181		<3.96E-05	0.0274	<5.02E-05	0.0048	<3.81E-03	1,063,263	98,780	<3.77E+02	<4.36E+02	<2.18E-01
Membrane	Low	188		0.0001	0.0001	0.0001	0.0002	0.0001	1,595,881	148,262	21	25	0.012
Anomalous Cells	High	171		<2.89E-03	<6.09E-03	<3.51E-03	<1.15E-03	<3.14E-03	49,687	4,616	<1.45E+01	<1.68E+01	<8.39E-03
Anomalous Cells	Low	172		<8.17E-05	<4.38E-05	<4.62E-05	<4.35E-05	<6.38E-05	44,946	4,176	<2.67E-01	<3.09E-01	<1.54E-04
Interface	High	211		0.0005	0.0002	0.0017	0.0004	0.0006	115,029	10,687	7	8	0.0040
Interface	Med	212		<7.35E-05	<9.85E-05	0.0011	0.0187	<1.22E-04	108,063	10,039	<5.06E+00	<5.86E+00	<2.93E-03
Interface	Med	163	P	0.0011	0.0004	0.0005	0.0129	0.0009					
Interface	Low	155	P	<4.11E-05	<4.12E-05	0.0798	0.0842	<1.65E-02	664,306	61,716	<1.02E+03	<1.18E+03	<5.91E-01
Non-Reaction Area	High	116		0.0002	<5.28E-05	<4.15E-05	<6.67E-05	<1.44E-04	1,642,688	152,611	<2.19E+01	<2.54E+01	<1.27E-02
Non-Reaction Area	Med	199		0.0004	0.0007	0.0027	0.0088	0.0007	2,065,355	191,878	<7.75E+01	<8.99E+01	<4.49E-02
Non-Reaction Area	Med	31		<8.34E-05	<4.91E-05	<5.69E-05	0.0241	<7.62E-05					
Non-Reaction Area	Low	134		<4.09E-05	<6.51E-05	<7.78E-05	<6.25E-05	<5.53E-05	4,542,939	422,053	<2.33E+01	<2.70E+01	<1.35E-02
Non SEM Area								<1.49E-03	560,472	52,070	<7.75E+01	<8.98E+01	<4.49E-02
							Total		**12,905,294**	**1,198,941**	**<1.79E+03**	**<2.07E+03**	**<1.03E+00**

Road				<5.90E-05	0.0002	<4.73E-05	<4.42E-05	<1.02E-04					

	(TPY)
Exceedance Area	<8.06E-02
Membrane	<2.39E-01
Interface	<5.98E-01
Non-Reaction Area	<7.12E-02
Anomalous Cells	<8.55E-03
Average Flux (mg/m2-min)	<1.49E-03
Non-Reaction Area Flux (mg/m2-m)	<1.60E-04
Membrane Flux (mg/m2-min)	<1.61E-03
Interface Flux (mg/m2-min)	<1.25E-02
Anomalous Cells (mg/m2-min)	<1.68E-03

Hydrogen Sulfide
7783-06-4

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<6.18E-04	<3.61E-04	0.0008	<5.35E-04	<5.91E-04	452,665	42,054	<2.48E+01	<2.88E+01	<1.44E-02
Membrane	High	181		<1.26E-04	<2.54E-04	<1.60E-04	<1.68E-04	<1.47E-04	654,090	60,767	<8.96E+00	<1.04E+01	<5.19E-03
Membrane	Med	171		<1.31E-04	<1.29E-04	<1.29E-04	<1.29E-04	<1.30E-04	933,363	86,712	<1.45E+01	<1.68E+01	<8.39E-03
Membrane	Med	172		<2.61E-04	<1.40E-04	<1.47E-04	<1.39E-04	<2.04E-04					
Membrane	Low	188		<2.77E-04	<3.38E-04	<4.73E-04	<7.40E-04	<4.57E-04	1,166,324	108,355	<4.95E+01	<5.74E+01	<2.87E-02
Interface	High	211		<1.51E-04	<1.57E-04	<3.02E-04	<1.68E-04	<1.87E-04	115,029	10,687	<2.00E+00	<2.31E+00	<1.16E-03
Interface	Med	212		<2.35E-04	<3.14E-04	<1.30E-03	<5.31E-04	<2.90E-04	108,063	10,039	<2.57E+00	<2.97E+00	<1.49E-03
Interface	Med	163	P	<2.29E-04	<1.38E-04	<3.05E-04	<2.02E-04	<2.21E-04					
Interface	Low	155	P	<1.31E-04	<1.31E-04	0.0014	0.1936	<4.01E-04	664,306	61,716	<2.47E+01	<2.87E+01	<1.43E-02
Non-Reaction Area	High	116		<1.26E-04	0.0005	0.0003	<1.32E-04	<1.86E-04	1,642,688	152,611	<2.84E+01	<3.29E+01	<1.65E-02
Non-Reaction Area	Med	199		<1.62E-04	<2.57E-04	<3.87E-04	<1.53E-04	<2.27E-04	2,065,355	191,878	<1.14E+02	<1.32E+02	<6.60E-02
Non-Reaction Area	Med	31		0.0012	0.0006	<1.82E-04	0.0009	<9.61E-04					
Non-Reaction Area	Low	134		<1.31E-04	<2.08E-04	<2.48E-04	<1.99E-04	<1.76E-04	4,542,939	422,053	<7.44E+01	<8.62E+01	<4.31E-02
Non SEM Area								<3.00E-04	560,472	52,070	<1.56E+01	<1.81E+01	<9.05E-03
							Total		**12,905,294**	**1,198,941**	**<3.60E+02**	**<4.17E+02**	**<2.08E-01**

Road				0.0006	<1.38E-04	<1.51E-04	<1.41E-04	<3.33E-04					

	(TPY)
Exceedance Area	<1.44E-02
Membrane	<4.23E-02
Interface	<1.70E-02
Non-Reaction Area	<1.26E-01
Average Flux (mg/m2-min)	<3.00E-04
Non-Reaction Area Flux (mg/m2-m)	<2.83E-04
Membrane Flux (mg/m2-min)	<2.85E-04
Interface Flux (mg/m2-min)	<3.56E-04
Road Flux (mg/m2-min)	<3.33E-04

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<6.18E-04	<3.61E-04	0.0008	<5.35E-04	<5.91E-04	452,665	42,054	<2.48E+01	<2.88E+01	<1.44E-02
Membrane	High	181		<1.26E-04	<2.54E-04	<1.60E-04	<1.68E-04	<1.47E-04	1,063,263	98,780	<1.46E+01	<1.69E+01	<8.44E-03
Membrane	Low	188		<2.77E-04	<3.38E-04	<4.73E-04	<7.40E-04	<4.57E-04	1,595,881	148,262	<6.78E+01	<7.86E+01	<3.93E-02
Anomalous Cells	High	171		<1.31E-04	<1.29E-04	<1.29E-04	<1.29E-04	<1.30E-04	49,687	4,616	<6.02E-01	<6.97E-01	<3.49E-04
Anomalous Cells	Low	172		<2.61E-04	<1.40E-04	<1.47E-04	<1.39E-04	<2.04E-04	44,946	4,176	<8.50E-01	<9.85E-01	<4.93E-04
Interface	High	211		<1.51E-04	<1.57E-04	<3.02E-04	<1.68E-04	<1.87E-04	115,029	10,687	<2.00E+00	<2.31E+00	<1.16E-03
Interface	Med	212		<2.35E-04	<3.14E-04	<1.30E-03	<5.31E-04	<2.90E-04	108,063	10,039	<2.57E+00	<2.97E+00	<1.49E-03
Interface	Med	163	P	<2.29E-04	<1.38E-04	<3.05E-04	<2.02E-04	<2.21E-04					
Interface	Low	155	P	<1.31E-04	<1.31E-04	0.0014	0.1936	<4.01E-04	664,306	61,716	<2.47E+01	<2.87E+01	<1.43E-02
Non-Reaction Area	High	116		<1.26E-04	0.0005	0.0003	<1.32E-04	<1.86E-04	1,642,688	152,611	<2.84E+01	<3.29E+01	<1.65E-02
Non-Reaction Area	Med	199		<1.62E-04	<2.57E-04	<3.87E-04	<1.53E-04	<2.27E-04	2,065,355	191,878	<1.14E+02	<1.32E+02	<6.60E-02
Non-Reaction Area	Med	31		0.0012	0.0006	<1.82E-04	0.0009	<9.61E-04					
Non-Reaction Area	Low	134		<1.31E-04	<2.08E-04	<2.48E-04	<1.99E-04	<1.76E-04	4,542,939	422,053	<7.44E+01	<8.62E+01	<4.31E-02
Non SEM Area								<3.09E-04	560,472	52,070	<1.61E+01	<1.87E+01	<9.33E-03
							Total		**12,905,294**	**1,198,941**	**<3.71E+02**	**<4.30E+02**	**<2.15E-01**

Road				0.0006	<1.38E-04	<1.51E-04	<1.41E-04	<3.33E-04					

	(TPY)
Exceedance Area	<1.44E-02
Membrane	<4.81E-02
Interface	<1.70E-02
Non-Reaction Area	<1.26E-01
Anomalous Cells	<8.41E-04
Average Flux (mg/m2-min)	<3.09E-04
Non-Reaction Area Flux (mg/m2-m)	<2.83E-04
Membrane Flux (mg/m2-min)	<3.33E-04
Interface Flux (mg/m2-min)	<3.56E-04
Anomalous Cells (mg/m2-min)	<1.65E-04

Dimethyl Sulfide
75-18-3

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<1.13E-03	<6.58E-04	0.0082	<9.76E-04	<1.75E-03	452,665	42,054	<7.37E+01	<8.54E+01	<4.27E-02
Membrane	High	181		<2.30E-04	0.0226	<2.92E-04	0.0023	<3.32E-03	654,090	60,767	<2.02E+02	<2.34E+02	<1.17E-01
Membrane	Med	171		0.0137	0.0160	0.0241	0.0121	0.0159	933,363	86,712	831	963	0.5
Membrane	Med	172		0.0036	0.0035	0.0021	0.0036	0.0033					
Membrane	Low	188		<5.06E-04	<6.17E-04	<8.62E-04	<1.35E-03	<8.34E-04	1,166,324	108,355	<9.03E+01	<1.05E+02	<5.23E-02
Interface	High	211		<2.75E-04	<2.87E-04	0.0026	<3.07E-04	<7.98E-04	115,029	10,687	<8.53E+00	<9.88E+00	<4.94E-03
Interface	Med	212		<4.28E-04	<5.73E-04	<2.38E-03	<9.67E-04	<5.30E-04	108,063	10,039	<4.68E+00	<5.42E+00	<2.71E-03
Interface	Med	163	P	<4.18E-04	<2.52E-04	<5.56E-04	<3.69E-04	<4.03E-04					
Interface	Low	155	P	<2.39E-04	<2.40E-04	0.0024	0.0020	<6.82E-04	664,306	61,716	<4.21E+01	<4.88E+01	<2.44E-02
Non-Reaction Area	High	116		<2.30E-04	<3.07E-04	<2.41E-04	<2.41E-04	<2.42E-04	1,642,688	152,611	<3.69E+01	<4.28E+01	<2.14E-02
Non-Reaction Area	Med	199		<2.95E-04	<4.69E-04	<7.05E-04	0.0009	<4.13E-04	2,065,355	191,878	<8.18E+01	<9.47E+01	<4.74E-02
Non-Reaction Area	Med	31		<4.85E-04	<2.85E-04	<3.31E-04	<2.54E-04	<4.39E-04					
Non-Reaction Area	Low	134		<2.38E-04	<3.79E-04	<4.53E-04	<3.64E-04	<3.21E-04	4,542,939	422,053	<1.36E+02	<1.57E+02	<7.86E-02
Non SEM Area								<1.31E-03	560,472	52,070	<6.84E+01	<7.92E+01	<3.96E-02
							Total		**12,905,294**	**1,198,941**	**<1.57E+03**	**<1.82E+03**	**<9.12E-01**

Road				<3.43E-04	<2.51E-04	<2.75E-04	<2.57E-04	<2.93E-04					

	(TPY)
Exceedance Area	<4.27E-02
Membrane	<6.51E-01
Interface	<3.20E-02
Non-Reaction Area	<1.47E-01
Average Flux (mg/m2-min)	<1.31E-03
Non-Reaction Area Flux (mg/m2-m)	<3.32E-04
Membrane Flux (mg/m2-min)	<4.39E-03
Interface Flux (mg/m2-min)	<6.71E-04
Road Flux (mg/m2-min)	<2.93E-04

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<1.13E-03	<6.58E-04	0.0082	<9.76E-04	<1.75E-03	452,665	42,054	<7.37E+01	<8.54E+01	<4.27E-02
Membrane	High	181		<2.30E-04	0.0226	<2.92E-04	0.0023	<3.32E-03	1,063,263	98,780	<3.28E+02	<3.80E+02	<1.90E-01
Membrane	Low	188		0.0005	0.0006	0.0009	0.0013	0.0008	1,595,881	148,262	124	143	0.072
Anomalous Cells	High	171		0.0137	0.0160	0.0241	0.0121	0.0159	49,687	4,616	73	85	0.043
Anomalous Cells	Low	172		<3.61E-03	<3.47E-03	<2.15E-03	<3.65E-03	<3.26E-03	44,946	4,176	<1.36E+01	<1.58E+01	<7.89E-03
Interface	High	211		<2.75E-04	<2.87E-04	0.0026	<3.07E-04	<7.98E-04	115,029	10,687	<8.53E+00	<9.88E+00	<4.94E-03
Interface	Med	212		<4.28E-04	<5.73E-04	<2.38E-03	<9.67E-04	<5.30E-04	108,063	10,039	<4.68E+00	<5.42E+00	<2.71E-03
Interface	Med	163	P	<4.18E-04	<2.52E-04	<5.56E-04	<3.69E-04	<4.03E-04					
Interface	Low	155	P	<2.39E-04	<2.40E-04	0.0024	0.0020	<6.82E-04	664,306	61,716	<4.21E+01	<4.88E+01	<2.44E-02
Non-Reaction Area	High	116		<2.30E-04	<3.07E-04	<2.41E-04	<2.41E-04	<2.42E-04	1,642,688	152,611	<3.69E+01	<4.28E+01	<2.14E-02
Non-Reaction Area	Med	199		<2.95E-04	<4.69E-04	<7.05E-04	0.0009	<4.13E-04	2,065,355	191,878	<8.18E+01	<9.47E+01	<4.74E-02
Non-Reaction Area	Med	31		<4.85E-04	<2.85E-04	<3.31E-04	<2.54E-04	<4.39E-04					
Non-Reaction Area	Low	134		<2.38E-04	<3.79E-04	<4.53E-04	<3.64E-04	<3.21E-04	4,542,939	422,053	<1.36E+02	<1.57E+02	<7.86E-02
Non SEM Area								<8.04E-04	560,472	52,070	<4.19E+01	<4.85E+01	<2.43E-02
							Total		**12,905,294**	**1,198,941**	**<9.64E+02**	**<1.12E+03**	**<5.59E-01**

Road				<3.43E-04	<2.51E-04	<2.75E-04	<2.57E-04	<2.93E-04					

	(TPY)
Exceedance Area	<4.27E-02
Membrane	<3.04E-01
Interface	<3.20E-02
Non-Reaction Area	<1.47E-01
Anomalous Cells	<5.04E-02
Average Flux (mg/m2-min)	<8.04E-04
Non-Reaction Area Flux (mg/m2-m)	<3.32E-04
Membrane Flux (mg/m2-min)	<1.83E-03
Interface Flux (mg/m2-min)	<6.71E-04
Anomalous Cells (mg/m2-min)	<9.90E-03

Dimethyl Disulfide
624-92-0

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<1.71E-03	<9.98E-04	0.0021	<1.48E-03	<1.63E-03	452,665	42,054	<6.86E+01	<7.95E+01	<3.98E-02
Membrane	High	181		<3.49E-04	0.0149	<4.42E-04	0.0026	<2.36E-03	654,090	60,767	<1.44E+02	<1.66E+02	<8.32E-02
Membrane	Med	171		0.0067	0.0051	0.0050	0.0031	0.0063	933,363	86,712	<3.00E+02	<3.48E+02	<1.74E-01
Membrane	Med	172		<7.20E-04	0.0008	<4.07E-04	<3.84E-04	<6.68E-04					
Membrane	Low	188		<7.66E-04	<9.35E-04	<1.31E-03	<2.05E-03	<1.26E-03	1,166,324	108,355	<1.37E+02	<1.59E+02	<7.93E-02
Interface	High	211		<4.16E-04	<4.35E-04	<8.34E-04	<4.65E-04	<5.16E-04	115,029	10,687	<5.52E+00	<6.39E+00	<3.20E-03
Interface	Med	212		<6.48E-04	<8.69E-04	<3.60E-03	<1.47E-03	<8.03E-04	108,063	10,039	<7.10E+00	<8.22E+00	<4.11E-03
Interface	Med	163	P	<6.33E-04	<3.81E-04	<8.43E-04	<5.59E-04	<6.11E-04					
Interface	Low	155	P	<3.63E-04	<3.63E-04	<6.93E-04	<6.97E-04	<4.31E-04	664,306	61,716	<2.66E+01	<3.08E+01	<1.54E-02
Non-Reaction Area	High	116		<3.49E-04	<4.66E-04	<3.66E-04	<3.65E-04	<3.67E-04	1,642,688	152,611	<5.59E+01	<6.48E+01	<3.24E-02
Non-Reaction Area	Med	199		<4.47E-04	<7.10E-04	<1.07E-03	<4.23E-04	<6.27E-04	2,065,355	191,878	<1.24E+02	<1.44E+02	<7.18E-02
Non-Reaction Area	Med	31		<7.35E-04	<4.33E-04	<5.02E-04	<3.85E-04	<6.65E-04					
Non-Reaction Area	Low	134		<3.61E-04	<5.74E-04	<6.86E-04	<5.51E-04	<4.87E-04	4,542,939	422,053	<2.06E+02	<2.38E+02	<1.19E-01
Non SEM Area								<9.37E-04	560,472	52,070	<4.88E+01	<5.65E+01	<2.83E-02
							Total		**12,905,294**	**1,198,941**	**<1.12E+03**	**<1.30E+03**	**<6.51E-01**

Road				<5.20E-04	<3.80E-04	<4.17E-04	<3.90E-04	<4.45E-04					

	(TPY)
Exceedance Area	<3.98E-02
Membrane	<3.37E-01
Interface	<2.27E-02
Non-Reaction Area	<2.23E-01
Average Flux (mg/m2-min)	<9.37E-04
Non-Reaction Area Flux (mg/m2-m)	<5.03E-04
Membrane Flux (mg/m2-min)	<2.27E-03
Interface Flux (mg/m2-min)	<4.76E-04
Road Flux (mg/m2-min)	<4.45E-04

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<1.71E-03	<9.98E-04	0.0021	<1.48E-03	<1.63E-03	452,665	42,054	<6.86E+01	<7.95E+01	<3.98E-02
Membrane	High	181		<3.49E-04	0.0149	<4.42E-04	0.0026	<2.36E-03	1,063,263	98,780	<2.34E+02	<2.71E+02	<1.35E-01
Membrane	Low	188		0.0008	0.0009	0.0013	0.0020	0.0013	1,595,881	148,262	187	217	0.109
Anomalous Cells	High	171		<6.65E-03	0.0051	<4.99E-03	<3.13E-03	<6.26E-03	49,687	4,616	<2.89E+01	<3.35E+01	<1.67E-02
Anomalous Cells	Low	172		<7.20E-04	<7.73E-04	<4.07E-04	<3.84E-04	<6.68E-04	44,946	4,176	<2.79E+00	<3.23E+00	<1.62E-03
Interface	High	211		<4.16E-04	<4.35E-04	<8.34E-04	<4.65E-04	<5.16E-04	115,029	10,687	<5.52E+00	<6.39E+00	<3.20E-03
Interface	Med	212		<6.48E-04	<8.69E-04	<3.60E-03	<1.47E-03	<8.03E-04	108,063	10,039	<7.10E+00	<8.22E+00	<4.11E-03
Interface	Med	163	P	<6.33E-04	<3.81E-04	<8.43E-04	<5.59E-04	<6.11E-04					
Interface	Low	155	P	<3.63E-04	<3.63E-04	<6.93E-04	<6.97E-04	<4.31E-04	664,306	61,716	<2.66E+01	<3.08E+01	<1.54E-02
Non-Reaction Area	High	116		<3.49E-04	<4.66E-04	<3.66E-04	<3.65E-04	<3.67E-04	1,642,688	152,611	<5.59E+01	<6.48E+01	<3.24E-02
Non-Reaction Area	Med	199		<4.47E-04	<7.10E-04	<1.07E-03	<4.23E-04	<6.27E-04	2,065,355	191,878	<1.24E+02	<1.44E+02	<7.18E-02
Non-Reaction Area	Med	31		<7.35E-04	<4.33E-04	<5.02E-04	<3.85E-04	<6.65E-04					
Non-Reaction Area	Low	134		<3.61E-04	<5.74E-04	<6.86E-04	<5.51E-04	<4.87E-04	4,542,939	422,053	<2.06E+02	<2.38E+02	<1.19E-01
Non SEM Area								<8.25E-04	560,472	52,070	<4.29E+01	<4.98E+01	<2.49E-02
							Total		**12,905,294**	**1,198,941**	**<9.89E+02**	**<1.15E+03**	**<5.73E-01**

Road				<5.20E-04	<3.80E-04	<4.17E-04	<3.90E-04	<4.45E-04					

	(TPY)
Exceedance Area	<3.98E-02
Membrane	<2.61E-01
Interface	<2.27E-02
Non-Reaction Area	<2.23E-01
Anomalous Cells	<1.84E-02
Average Flux (mg/m2-min)	<8.25E-04
Non-Reaction Area Flux (mg/m2-m)	<5.03E-04
Membrane Flux (mg/m2-min)	<1.70E-03
Interface Flux (mg/m2-min)	<4.76E-04
Anomalous Cells (mg/m2-min)	<3.60E-03

Methyl Mercaptan

74-93-1

Legacy Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<8.72E-04	<5.10E-04	<5.46E-04	<7.55E-04	<7.79E-04	452,665	42,054	<3.28E+01	<3.80E+01	<1.90E-02
Membrane	High	181		<1.78E-04	<3.59E-04	<2.26E-04	<2.37E-04	<2.08E-04	654,090	60,767	<1.27E+01	<1.47E+01	<7.33E-03
Membrane	Med	171		<1.85E-04	<1.82E-04	<1.82E-04	<1.82E-04	<1.84E-04	933,363	86,712	<2.04E+01	<2.37E+01	<1.18E-02
Membrane	Med	172		<3.68E-04	<1.97E-04	<2.08E-04	<1.96E-04	<2.87E-04					
Membrane	Low	188		<3.91E-04	<4.78E-04	<6.68E-04	<1.05E-03	<6.46E-04	1,166,324	108,355	<6.99E+01	<8.10E+01	<4.05E-02
Interface	High	211		<2.13E-04	<2.22E-04	<4.26E-04	<2.38E-04	<2.64E-04	115,029	10,687	<2.82E+00	<3.27E+00	<1.63E-03
Interface	Med	212		<3.31E-04	<4.44E-04	<1.84E-03	<7.49E-04	<4.10E-04	108,063	10,039	<3.62E+00	<4.20E+00	<2.10E-03
Interface	Med	163	P	<3.24E-04	<1.95E-04	<4.31E-04	<2.85E-04	<3.12E-04					
Interface	Low	155	P	<1.85E-04	<1.86E-04	0.0016	0.0027	<4.69E-04	664,306	61,716	<2.90E+01	<3.36E+01	<1.68E-02
Non-Reaction Area	High	116		<1.78E-04	<2.38E-04	<1.87E-04	<1.86E-04	<1.87E-04	1,642,688	152,611	<2.86E+01	<3.31E+01	<1.66E-02
Non-Reaction Area	Med	199		<2.28E-04	<3.63E-04	<5.46E-04	<2.16E-04	<3.20E-04	2,065,355	191,878	<6.33E+01	<7.34E+01	<3.67E-02
Non-Reaction Area	Med	31		<3.76E-04	<2.21E-04	<2.56E-04	<1.97E-04	<3.40E-04					
Non-Reaction Area	Low	134		<1.84E-04	<2.93E-04	<3.50E-04	<2.81E-04	<2.49E-04	4,542,939	422,053	<1.05E+02	<1.22E+02	<6.08E-02
Non SEM Area								<3.21E-04	560,472	52,070	<1.67E+01	<1.94E+01	<9.68E-03
							Total		**12,905,294**	**1,198,941**	**<3.85E+02**	**<4.46E+02**	**<2.23E-01**

Road				<2.66E-04	<1.94E-04	<2.13E-04	<1.99E-04	<2.27E-04					

	(TPY)
Exceedance Area	<1.90E-02
Membrane	<5.97E-02
Interface	<2.05E-02
Non-Reaction Area	<1.14E-01
Average Flux (mg/m2-min)	<3.21E-04
Non-Reaction Area Flux (mg/m2-m)	<2.57E-04
Membrane Flux (mg/m2-min)	<4.03E-04
Interface Flux (mg/m2-min)	<4.29E-04
Road Flux (mg/m2-min)	<2.27E-04

New Protocol

Category	Subset	Rep Cell	M?	Flux (mg/m2-min) Low	Med	High	Max	W Avg	Area Rep (ft2)	(m2)	Emissions (mg/min)	(lbs/yr)	(TPY)
Exceedance Area		87		<8.72E-04	<5.10E-04	<5.46E-04	<7.55E-04	<7.79E-04	452,665	42,054	<3.28E+01	<3.80E+01	<1.90E-02
Membrane	High	181		<1.78E-04	<3.59E-04	<2.26E-04	<2.37E-04	<2.08E-04	1,063,263	98,780	<2.06E+01	<2.38E+01	<1.19E-02
Membrane	Low	188		<3.91E-04	<4.78E-04	<6.68E-04	<1.05E-03	<6.46E-04	1,595,881	148,262	<9.57E+01	<1.11E+02	<5.54E-02
Anomalous Cells	High	171		<1.85E-04	<1.82E-04	<1.82E-04	<1.82E-04	<1.84E-04	49,687	4,616	<8.50E-01	<9.85E-01	<4.92E-04
Anomalous Cells	Low	172		<3.68E-04	<1.97E-04	<2.08E-04	<1.96E-04	<2.87E-04	44,946	4,176	<1.20E+00	<1.39E+00	<6.95E-04
Interface	High	211		<2.13E-04	<2.22E-04	<4.26E-04	<2.38E-04	<2.64E-04	115,029	10,687	<2.82E+00	<3.27E+00	<1.63E-03
Interface	Med	212		<3.31E-04	<4.44E-04	<1.84E-03	<7.49E-04	<4.10E-04	108,063	10,039	<3.62E+00	<4.20E+00	<2.10E-03
Interface	Med	163	P	<3.24E-04	<1.95E-04	<4.31E-04	<2.85E-04	<3.12E-04					
Interface	Low	155	P	<1.85E-04	<1.86E-04	0.0016	0.0027	<4.69E-04	664,306	61,716	<2.90E+01	<3.36E+01	<1.68E-02
Non-Reaction Area	High	116		<1.78E-04	<2.38E-04	<1.87E-04	<1.86E-04	<1.87E-04	1,642,688	152,611	<2.86E+01	<3.31E+01	<1.66E-02
Non-Reaction Area	Med	199		<2.28E-04	<3.63E-04	<5.46E-04	<2.16E-04	<3.20E-04	2,065,355	191,878	<6.33E+01	<7.34E+01	<3.67E-02
Non-Reaction Area	Med	31		<3.76E-04	<2.21E-04	<2.56E-04	<1.97E-04	<3.40E-04					
Non-Reaction Area	Low	134		<1.84E-04	<2.93E-04	<3.50E-04	<2.81E-04	<2.49E-04	4,542,939	422,053	<1.05E+02	<1.22E+02	<6.08E-02
Non SEM Area								<3.34E-04	560,472	52,070	<1.74E+01	<2.02E+01	<1.01E-02
							Total		**12,905,294**	**1,198,941**	**<4.01E+02**	**<4.64E+02**	**<2.32E-01**

Road				<2.66E-04	<1.94E-04	<2.13E-04	<1.99E-04	<2.27E-04					

	(TPY)
Exceedance Area	<1.90E-02
Membrane	<6.79E-02
Interface	<2.05E-02
Non-Reaction Area	<1.14E-01
Anomalous Cells	<1.19E-03
Average Flux (mg/m2-min)	<3.34E-04
Non-Reaction Area Flux (mg/m2-m)	<2.57E-04
Membrane Flux (mg/m2-min)	<4.71E-04
Interface Flux (mg/m2-min)	<4.29E-04
Anomalous Cells (mg/m2-min)	<2.33E-04

Attachment 1
Data Validation Technical Memorandum
A. Emission Measurement Data Sheets
B. Chain of Custody
C. Lab Reports
D. Calibration Data

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TECHNICAL MEMORANDUM

TEST EVENT #7: Flux Chamber Assessment of Air Emissions from the Chiquita Canyon Landfill Located in Castaic, California



Prepared for:

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May 2026

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Attachments

A - Emissions Measurement Data Sheets
B - Chain of Custody
C - Lab Reports
D - Calibration Records

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EXECUTIVE SUMMARY

This Technical Memorandum documents the seventh air emissions testing event (March 2026). Field measurements were conducted by landfill screening experts at the Chiquita Canyon Landfill (Landfill) facility located at 29201 Henry Mayo Drive, Castaic, California in March 2026, to measure surface air emissions from the Landfill. Testing was performed using field screening for methane at the surface and following screening, in-depth area source testing using the U.S. Environmental Protection Agency (USEPA) surface emission isolation flux chamber technology as per the USEPA Guidance protocol (February 1986). This USEPA document provides the guidance for constructing and operating an agency approved area source measurement technology. The average flux (in units of mass per time per unit area) of surface emissions were calculated per category of grid cell (*i.e.*, low, medium, high, exceedance) per type of landfill area (*i.e.*, non-reaction area, membrane area, interface area, exceedance area, or anomalous cell area) as defined in the Assessment of Air Emissions from Landfill Surfaces (Emissions Report). These grid cell flux data multiplied by the number of grid cells in these categories when summed represent the air emissions of compounds from the Landfill surface.

The methane surface screening was conducted in similar fashion as to the USEPA New Source Performance Standards (NSPS) Title 40 Code of Federal Regulations (CFR) Part 60.755 (c) and (d), and CFR Part 60, Appendix A, Method 21 and the surface emissions monitoring (SEM) requirements contained within the California AB 32 Landfill Methane Rule (LMR) under Title 17 California Code of Regulations. The screening utilized the same grid system as is used in the Landfill regular South Coast Air Quality Management District (SCAQMD) Rule 1150.1 surface emissions monitoring, which consists of nominal one acre grid cells (approximately 50,000 square feet). A total vapor analyzer (TVA) instrument fit with a flame ionization detector (FID) was used along with global positioning system (GPS) location recording to map fugitive surface emissions in each grid cell.

As described in the Emissions Report, methane screening was performed by recording data along a traverse pattern that is spaced at 25 feet over the Landfill grid cells. Concentration data and location information was collected and used to generate integrated or average screening concentration of each grid cell. Grid cells within a category of interest were then ranked and divided into three groups: low emission, medium emission, and high emission per study area (*e.g.*, membrane area, non-reaction area, interface area, etc). Grid cells were selected for testing as described in the Emissions Report. The selected grid cells were screened on a point-by-point basis and representative low, medium, high, and the highest emission locations were selected for flux chamber testing. Samples collected from the flux chamber were sent offsite for laboratory

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analysis. Note that an additional area was investigated and tested using the same screening and testing technologies as the other grid cells. A section of one of the dirt/gravel roads on-site was tested in order to provide emission rate data from roads as a potential source.

A summary of the sampling program and testing efforts is provided below.

SOURCE		SURFACE CONDITION	SAMPLES
Grid Cell #87	Exceedance Cell	Soil	4
Grid Cell #211	Interface Area	White Membrane	4
Grid Cell #212	Interface Area	White Membrane, Soil	4
Grid Cell #155	Interface Area	Soil	4
Grid Cell #163	Interface Area	Soil	4
Grid Cell #188	Membrane Area	Soil over Membrane	4
Grid Cell #172	Membrane Area	Soil over Membrane	4
Grid Cell #171	Membrane Area	Various Membranes	4
Grid Cell #181	Membrane Area	Soil over Membrane	4
Grid Cell #199	Normal Cell	Soil	4
Grid Cell #134	Normal Cell	Soil	4
Grid Cell Road	Road	Gravel, Dirt	4
Grid Cell #31	Normal Cell	Soil	4
Grid Cell #116	Normal Cell	Soil	4
Blank		NA	5
Replicate		NA	5
TOTAL			66

The samples collected from the flux chamber for each location were used to calculate air emissions. The sample concentration data (mass per time) as received from the labs were reviewed, quality control (QC) data checks were performed, and tables were composed for total non-methane hydrocarbon compounds (TNMHC, C1), hydrocarbon species, hazardous air pollutants (HAPs), sulfur containing compounds, fixed gases (CO2, hydrogen, CH4), and trace gas species 1,1-difluoroethane (1,1-DFA, advective flow determination). This Technical Memorandum reports flux data for these study compounds along with the QC evaluation. Emission estimates for the study compounds are provided in the Emissions Report.

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I. INTRODUCTION

This technical memorandum describes the field testing that was conducted to characterize surface or fugitive air emissions. The Landfill site is located in Castaic, California. As discussed in more detail in the Emissions Report, testing was conducted on March 16-20, 2026 by Dr. C.E. Schmidt, Mr. Tom Card, Mr. Josh Abbey, and Mr. Rich Wharton supported by a SCS Engineers sub-contractor, who performed landfill surface screening for methane prior to the test dates and during the testing program. Preparation for testing included submitting a Sampling Protocol (SP) that was approved by SCS Engineers and representatives of the South Coast Air Quality Management District (SCAQMD). SCAQMD representatives were not present during the testing event.

The objective of the overall flux chamber study was to measure fugitive air emissions from grid cells that represented areas of the Landfill affected by the subsurface reaction (membrane , membrane/soil cover interface, and exceedance areas areas) as well as from areas unaffected by the reaction (non-reaction areas), as defined in the Emissions Report. The study was conducted by selecting representative test locations and conducting quantitative analysis of air emissions producing representative air emissions data.

This memorandum includes a discussion of the testing methodology, quality control procedures, and results. This memorandum only reports flux data per study compound and location.

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II. TEST METHODOLOGY

This section describes the methodologies used in the study for flux chamber testing, including evacuated canister and Tedlar® bag sample collection. Screening was performed in a fashion similar to the NSPS landfill screening protocol with additional criteria derived from the California LMR. Testing for surface flux was conducted using the USEPA recommended Surface Isolation Flux Chamber (USEPA, Radian Corporation, February 1986). Flux chamber sampling was performed on pre-selected Landfill grids as described in the Emissions Report and as directed by the SP.

Flux Chamber Sampling

As described in the USEPA User's Guide (February 1986), the flux chamber is an environmental or portable chamber also known as a mixed-tank reactor that is used to measure the 'flux' (mass transfer of study compounds per surface area of area source per time). Ultra-high purity air (sweep air) from a compressed air cylinder is regulated and added to the flux chamber at a flow of 5 liters per minute (lpm) until the chamber contents are well mixed. The chamber is a 'vented' chamber which releases or exhausts the chamber gas through the pressure equalization port in the top of the chamber to the atmosphere which keeps the chamber contents at atmospheric pressure during the measurement. Chamber mixing is described by a number of 'residence times.' A residence time in the chamber is determined by dividing the chamber volume by the sweep air flow rate. Following the User's Guide and with a chamber volume of 30 liters, the residence time is 6 minutes. Proper mixing in the chamber is achieved after five residence times or 30 minutes. After mixing, or after the chamber contents (sweep air plus compounds emitted into the chamber) are at equilibrium, gas samples are collected per regulatory approved methods described in the SP. Knowing the sweep air flow rate (5 lpm) plus any advective flow from the source, the area of the flux chamber on the test site (0.13 square meters), and the concentration of the study compounds, the flux of study compounds can be calculated (units of milligrams per square meter per minute, mg/m2,min). This Technical Memorandum reports directly measured flux data for the study compounds that are used in the Emissions Report.

The basic operation of the flux chamber involved the following:

1. Identifying the test area or test surface
2. Initiating sweep gas flow rate to the flux chamber
3. Operating the chamber for at least five residence times (30 minutes)
4. Collecting sample gas from the chamber for analysis
5. Decontaminating the chamber
6. Relocating the measurement equipment to the next test area

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The specific operating protocol for flux chamber sampling was as follows:

1. Locate the flux chamber, sweep gas, sample collection equipment, and field documents at the test location.
2. Document site information, location information, equipment information, name of sampler, date, and time on the Emissions Measurement Data Sheets. (The data sheets are provided in Attachment A.)
3. Place the chamber approximately 1/4 inch into test surface at the test locations selected as described in the Emissions Report. Seal the chamber along the base to prevent air infiltration- sealing on membrane cover using clean fill soil making a barrier to air flow. Place thermocouples to monitor soil and air temperature inside and outside of the chamber.
4. Initiate the sweep gas flow rate and set the rotometer at 5.0 lpm. Maintain a constant sweep gas flow rate. Record time.
5. Collect instrument background data (thermocouple) and other parameters (see Emissions Measurement Data Sheets) and record data.
6. Connect the purge pump to the chamber. Purge the sample line from the flux chamber without exceeding the line purge rate (or sample gas collection rate) of 2.5 lpm; this prevents entraining of ambient air into the chamber.
7. Operate the chamber sweep air flow rate at 5.0 lpm and record data every residence time (6 minutes) for five residence times or 30 minutes. Record the flow rate and time data. Maintain the chamber at steady state. Purge the sample line and Tedlar bags from the flux chamber with at least 10 line-volumes of air as part of the odor bag sampling protocol using the decompression lung device, preparing the sample line for the balance of the sample media collection.
8. Connect the sample media sequentially (sulfur bag, and evacuated canister) to the purged sample line and collect the gas sample. Do not exceed a collection rate of 2.5 lpm at any time to prevent unwanted dilution of chamber exhaust gas by ambient air. Both the odor and sulfur bags are purged prior to sample collection; the evacuated canister is not purged.
9. Label sample bag and record sample collection on the data sheet.
10. Store the sample(s) in the appropriate storage and/or shipping container as specified in the SP.
11. Document sample collection in field data sheets (see Attachment A).
12. Discontinue the flux measurement, shut off the sweep air, remove chamber, and secure equipment.

13. Decontaminate the chamber where contact was made with the liquid or solid material using a clean paper towel and water (if needed) to remove any soil and condensation from the inside of the chamber.
14. Relocate equipment to the next test location and repeat steps 1 through 13.

Tedlar® Bag Sampling
Grab samples using Tedlar® bags were collected from the sample line from the flux chamber at steady-state conditions (five residence times) for analysis for sulfur containing species. Sampling rate was maintained at less than 2.5 lpm from the flux chamber. Bag samples were collected by connecting the sampling line from the flux chamber using 1/4-inch Swage-lock® fittings fit inside the decompression lung or pressure fittings, drawing a vacuum on the decompression lung, and filling the Tedlar® bag. Both sulfur bags (a, b) were purged and evacuated prior to sample collection in order to minimize sample bag interaction. Note two Tedlar bags were collected for sulfur species analysis according to the method.

Canister Sampling
Grab samples using Summa® polished, evacuated stainless steel canisters were collected from the exhaust line of the flux chamber at steady-state conditions for speciation by gas chromatography. Sampling rate was maintained at less than 2.5 lpm from the flux chamber. Canister samples were collected by connecting the canister to the sampling line from the flux chamber using 1/4-inch Swage-lock® fittings, drawing a vacuum from the canister and filling the canister. All canisters were batch certified by the laboratory according to USEPA Methods TO-15/TO-12/fixed gases/1,1,1-DFA trace gas and sampled to full capacity (atmospheric pressure).

III. QUALITY CONTROL

Control procedures that were used to assure that data of sufficient quality resulted from the flux chamber study are listed and described below. The application and frequency of these procedures were developed to meet the program data quality objectives as described in the SP for all analytical methods used in this study. Method detection limits for all sample data are provided in the attached laboratory reports.

Field Documentation – A field notebook containing data forms, including sample chain-of-custody (COC) forms, was maintained for the testing program. Attachment A contains the Emissions Measurement Data Sheets.

Chain-of-Custody – COC forms were used for field data collection. Field data were recorded on the COC forms provided in Attachment B. Calibration records and certifications are found in

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Attachment D.

Total VOC as TNMNC by Analysis by USEPA Method TO-12, C1

Method QC Requirements – Method QC procedures were completed as per method requirements. These data are reported in the method specific lab reports (footnoted as applicable on the lab report showing compliance with the methods).

Laboratory Method Blank – A total of nine laboratory method blank samples were performed by the laboratory. TNHMC compounds were not detected in the blank samples at the method detection limit (MDL) level of about 45 ppbV. These data indicate acceptable method performance.

Laboratory Precision – A total of nine laboratory control duplicate (LCD) samples including nine compounds were performed by the laboratory. The LCD samples were reported within the criteria of less than 25%. These data indicate acceptable method performance.

Laboratory Accuracy – A total of nine laboratory control sample (LCS) or blank spike samples including nine compounds were performed by the laboratory. The LCS samples were reported within the criteria of 70-to-130 percent recovery. These data indicate acceptable method performance.

Field System Blank – Five media (field) blank samples were prepared in the field (T-114, -214, -314, -410, -510) and were analyzed as field samples (blind QC sample). Field blanks were prepared by filling the sampling media with ultra high purity air in the field and treated as a field sample. Four of the five field blank samples show non-detect (MDL 45 ppbv). One field blank sample result was 54.34 ppbv near the MDL. These data demonstrate acceptable method performance.

Field Method Precision – Five field samples were collected in replicate (second sample taken immediately after the first sample for method precision data) and analyzed for the flux chamber testing (T-112/-113, T-212/-213, T-312/-313, T-412/-413, T-508/-509). The range of sample/replicate pairs was 8.4 to 61 with an average RPD of 30 (QC criteria 50 RPD). One sample/replicate pair exceeded criteria at 61 RPD which is not uncommon. These data demonstrate acceptable method performance.

Hydrocarbon Species Analysis by USEPA Method TO-14

Method QC Requirements – Method QC procedures were completed as per method requirements. These data are reported in the method specific lab reports (footnoted as applicable on the lab report

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showing compliance with the methods).

Laboratory Method Blank – A total of nine laboratory method blank samples were performed by the laboratory. Hydrocarbon compounds were not detected in the blank samples at the method detection limit (MDL) level of 1-to-6 ppbv. These data indicate acceptable method performance.

Laboratory Precision – A total of nine laboratory control duplicate (LCD) samples including nine compounds were performed by the laboratory. The LCD samples were reported within the criteria of less than 25%. These data indicate acceptable method performance.

Laboratory Accuracy – A total of nine laboratory control sample (LCS) or blank spike samples including nine compounds were performed by the laboratory. The LCS samples were reported within the criteria of 70-to-130 percent recovery. These data indicate acceptable method performance.

Field System Blank –Five media (field) blank samples were prepared in the field (T-114, -214, -314, -414, -510) and were analyzed as field samples (blind QC sample). Field blanks were prepared by filling the sampling media with ultra high purity air in the field and treated as a field sample. Only one blank sample had a detection of one compound near detection limit, the rest were J flagged values below the reporting limit. Sample T-114 had five compounds below the reporting limit: ethene 3.25J ppbv, ethane 2.83J ppbv, propene 1.61J ppbv, i-butane 1.47J ppbv, and n-hexane 1.15 ppbv. Sample T-214 had four compounds below the reporting limit and one above: ethene 2.89J ppbv, ethane 5.06J ppbv, i-butene 1.22J ppbv, n-pentane 3.28 ppbv, and n-hexane 1.18 ppbv. Sample T-314 had five compounds below the reporting limit: ethene 2.75J ppbv, ethane 2.64J ppbv, propane 1.78J ppbv, 1-butene 1.19J ppbv, and 1,2,3-trimethylbenzene 0.77J ppbv. Sample T-414 had two compounds below the reporting limit: ethene 2.47J ppbv, and ethane 2.15J ppbv. And Sample T-514 had three compounds below the reporting limit: ethene 3.2J ppbv, ethane 2.84J ppbv, and i-butene 1.68J ppbv. These low level (less than reporting limit, J values) do not affect the data quality of the method given that the lab blank levels were largely non-detect. These data demonstrate acceptable method performance.

Field Method Precision – Five field samples were collected in replicate (second sample taken immediately after the first sample for method precision data) and analyzed for the flux chamber testing (T-112/-113, T-212/-213, T-312/-313, T-412/-413, T-508/-509). Sample/replicate pair (T-113/-114 had eight detections above J value limits with four of eight pairs exceeding RPD criteria, a range of RPD of 0 to 100, and an average RDP of 51. Sample/replicate pair T-212/-213 had no compound pairs above detection. Sample/replicate pair T-313/-314 had 33 pairs and 17 exceeded RPD criteria (RPD 50). The range of RPD values was 0 to 171 with an average RPD of 63.

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Sample/replicate pair had no compound pairs above detection. And sample/replicate pair T-508/-509 had one pair and no pairs exceeding RPD criteria (RPD 50). Although many compounds were detected, in this precision sample set, most were reported at less than detection limits or 'J values'. Given the low values and the number of compounds reported at low levels, the precision was poor. However, since the laboratory method precision criteria were acceptable, the field precision data do not indicate a systematic problem with the analysis. These data demonstrate acceptable method performance.

Individual HAP Analysis by USEPA Method TO-15

Method QC Requirements – Method QC procedures were completed as per method requirements including recovery of surrogate compounds. These data are reported in the method specific lab reports.

Laboratory Method Blank – A total of eight laboratory method blank samples were performed by the laboratory. No compounds were detected in the blank samples above the compound specific MDL levels (range of about 1.7-to-26 ug/m^3). These data indicate acceptable method performance.

Laboratory Precision – A total of eight laboratory LCD samples including 18 compounds were performed by the laboratory. All LCD samples were reported within the criteria of less than 25%. These data indicate acceptable method performance.

Laboratory Accuracy – A total of eight laboratory LCS samples including 18 compounds were performed by the laboratory. All LCS samples were reported within the criteria of 70-to-130 percent recovery. These data indicate acceptable method performance.

Field System Blank – Five media (field) blank samples were prepared in the field (T-114, -214, -314, -414, 510) and were analyzed as a field sample (blind QC sample). Field blanks were prepared by filling the sampling media with ultra high purity air in the field and treated as a field sample. No compounds were detected above MDL (range of 1.4 to 26 ug/m^3) in the six field blank samples. These data demonstrate acceptable method performance.

Field Method Precision – Five field samples were collected in replicate and analyzed for the flux chamber testing (T-112/-113, T-212/-213, T-312/-313, T-412/-413, T-508/-509), the second sample taken immediately after the first sample for method precision data. The sample/replicate pair T-112/-113 showed five compound pairs above reporting limits with a RPD range of 4.9 to 30, average RPD 16, and no compound pairs exceeded criteria (RPD 50). The sample/replicate pair T-212/-213 showed three compound pairs above reporting limits with a RPD range of 3.7 to

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8.5, average RPD of 6.4 and no compound pairs exceeded criteria (RPD 50). The sample/replicate pair T-312/-313 showed 24 compound pairs above reporting limits with a RPD range of 0.05 to 176, average RPD of 53 and 9 of 24 compound pairs exceeded criteria (RPD 50). The sample/replicate pair T-408/-409 showed seven compound pairs above reporting limits with a RPD range of 9.9 to 65, average RPD of 30 and one compound pair exceeded criteria (RPD 50). The sample/replicate pair T-508/-509 showed seven compound pairs above reporting limits with a RPD range of 1.2 to 34 and no compound pair exceeded criteria (RPD 50). Despite the one compound pair (T-312/-313) that had nine of 24 compound pairs exceeding criteria and with the average RPD value at 53, these data do not indicate a system precision problem. In addition, this one sample pair in exceedance had many compounds with a wide range of detection. Overall, these data demonstrate acceptable method performance.

SCAQMD 307.91 Analysis for Hydrogen Sulfide

Method QC Requirements – Method QC procedures were completed as per method requirements. These data are reported in the method specific lab reports. Thirteen QC standard QC data sets were run in total on the samples for the instrument used in analyzing the samples; four runs on the first two batches each and two on the third batch of samples. In summary, the opening calibration verification standard and duplicate analysis QC (95%-105%, <5 RPD), method blank QC (<pql), standard and duplicate standard analysis QC (95%-105%, <10%), matrix spike/ QC (<10%), and closing calibration curve verification standard QC (90-110%) for both instruments used in the analyses were within the method requirements. These data indicate acceptable performance. Note that each sample was collected in duplicate (a, b) and samples indicated with a sample ID of 'a' were analyzed.

Field System Blank – Five media (field) blank samples were prepared in the field (S-114, S-214, S-314, S-410, S-510) and were analyzed as field samples (blind QC sample). Field blanks were prepared by filling the sampling media with ultra high purity air in the field and treated as a field sample. Hydrogen sulfide and other reduced sulfur compounds were not detected in the five blank samples at a level of 0.005 ppmv. These data demonstrate acceptable method performance.

Field Method Precision – Five field samples were collected in replicate and analyzed for the flux chamber testing (S-112/-113, S-212/-213, S-312/-313, S-412/-413, S-508/-509), the second sample taken immediately after the first sample for method precision data. For all but one sample/replicate pair, the sample pair showed non detect for all study compounds except one pair, S-312/-313 which showed two compound pairs with a RPD of 23 and 33 (RPD criteria 50). These data indicate acceptable method performance.

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ASTM 1945/USEPA 3C for Fixed Gases (methane and carbon dioxide)
Method QC Requirements – Method QC procedures were completed as per method requirements.

Laboratory Method Blank – Two laboratory method blank samples were performed by the laboratory. Fixed gases were not detected in the blank samples above the MDL that ranged between 0.01% to 0.05%. These data indicate acceptable method performance.

Laboratory Precision – Two LCD samples were performed by the laboratory. The LCD samples were reported within the criteria of less than 25%. These data indicate acceptable method performance.

Laboratory Accuracy – Two LCS sample were performed by the laboratory. The LCS samples were reported within the criteria of 70-to-130 percent recovery. These data indicate acceptable method performance.

Field System Blank (accuracy) – Five media (field) blank samples were prepared in the field (T-114, -214, -314, -410, 510) and were analyzed as field samples (blind QC sample). Field blanks were prepared by filling the sampling media with ultra high purity air in the field and treated as a field sample. Carbon dioxide was not detected above the MDL (0.01%) and methane was detected near the detection limit in three samples between 1.3 to 2.0 ppmv (MDL 0.77 ppmv or less). These data demonstrate acceptable method performance.

Field Method Precision – Five field samples were collected in replicate and analyzed for the flux chamber testing (T-112/-113, T-212/-213, T-312/-313, T-412/-413, T-508/-509), the (second sample taken immediately after the first sample for method precision data. Two of the sample replicate pairs for carbon dioxide had values above MDL at RPD values of 19 and 24; the others were below method detection limit. Likewise two of the sample replicate pairs for methane were above MDL and had RPD values of 15 and 27 (criteria RPD 50). These data indicate acceptable method performance.

Trace Gas 1,1-DFA Analysis by USEPA Method TO-15
Method QC Requirements – Method QC procedures were completed as per method requirements.

Laboratory Method Blank – A total of eight laboratory method blank samples were performed by the laboratory. 1,1-DFA was not detected in the blank samples at the MDL of 0.83 ppbv. These data indicate acceptable method performance.

Laboratory Precision – Eight LCD samples were performed by the laboratory. The LCD samples

were reported within the criteria of less than 25%. These data indicate acceptable method performance.

Laboratory Accuracy – Eight LCS samples were performed by the laboratory. The LCS samples were reported within the criteria of 70-to-130 percent recovery. These data indicate acceptable method performance.

Field System Blank – Five media (field) blank samples were prepared in the field (T-114, -214, -314, -414, -510) and were analyzed as field samples (blind QC sample). Field blanks were prepared by filling the sampling media with ultra high purity air in the field and treated as a field sample. Given that these blank samples were taken from a calibration standard gas, these data serve as accuracy data or sample recovery QC data (±30%). The range of percent recovery for the five samples was 95%-to-102%. These data demonstrate acceptable method performance.

Field Method Precision – Five field samples were collected in replicate and analyzed for the flux chamber testing (T-112/-113, T-212/-213, T-312/-313, T-412/-413, T-508/-509), the second sample taken immediately after the first sample for method precision data. The RPD values ranged from 0.56 to 50, average RPD of 19 (QC criteria (50 RPD). These data indicate acceptable method performance.

Field Calibration of the TVA-1000; Screening for Total Hydrocarbon Concentration

Pre-Use and Post-Use Instrument Response to Span (calibration) Gas and Zero Air (pure air)

The MicroFid Photovac instrument with an FID detector was pre-use and post-use calibrated each day of use using certified methane span gas standard at 100 ppmv. Zero air checks were generally acceptable, and all span checks were within 70%-to-130% accuracy, indicating acceptable instrument performance. The cooler morning startups did cause higher blank levels and recalibration during the day as the ambient temperature increased, however the instrument did provide useful screening data. No field data (MicroFid FID) were used in the emissions calculations; these data were only used in the field for directive purposes.

Field Calibration of the J-631X; Screening for Hydrogen Sulfide

Pre-Use and Post-Use Instrument Response to Zero Air

The two J-631X hydrogen sulfide analyzers were pre-use and post-use zero air checked and re-zeroed without incident. These field screening instruments performed well as compared to pre and post zero air checks. The cooler morning startups did cause higher blank levels and high/low response recalibration during the day as the ambient temperature increased, however the instrument did provide useful screening data. Each analyzer seemed to have different sensitivity, and measurements were performed and recorded for both analyzers. No field data (J-631X) were

used in the emissions calculations; these data were only used in the field for directive purposes.

IV. RESULTS AND DISCUSSIONS

A summary of the field sample collection information and field data for the field testing is shown in Table 1. All field data for the surface flux chamber testing and sample identification information are presented in Table 2. Table 2 provides both concentration (%, ug/m^3, mg/m^3) and flux (mg/m^2,min) data. All laboratory data, including quality control data, are presented in Attachment C to this memorandum. TO-15 data is presented in Table 3, TO-14 data is presented in Table 4, and SCAQMD 307-91 data is presented in Table 5.

Surface flux data are shown in flux units for compound emissions (mg/m^2,min). Surface flux for a surface area source is calculated using measured target compound concentrations and flux chamber operating parameter data (sweep air flow rate of 5.0 lpm [or 0.005 cubic meters per minute (m^3/min) plus advective flow], surface area of 0.13 square meters [m^2]). The site emissions can be calculated by multiplying the flux by the surface area of the grid cell or source tested. The flux (Fi, mg/m2,min) is calculated from the sweep air flow rate (Q, m^3/min)), the compound concentration (Yi, mg/m^3), and exposure to the chamber surface area (A, m^2)), as follows:

$$Fi = (Q)\ (Yi)\ /\ (A)$$

Emission rate (mass per time) from a source tested using the flux chamber technology can be obtained by multiplying unit or average flux data per compound by the surface area of the source. Note that advective flow at each test location was determined by the dilution of the 208 ppbV 1,1-DFA trace gas as is the protocol for SCAQMD Rule 1133.3, Attachment A (alternative to using 10% helium as allowed by the method).

1,1-DFA was used as a trace gas at 200 ppbv in ultra high purity air as the sweep gas necessary to perform the flux measurements. The recovery of a trace gas in the assessment allows for the gas flow into the chamber from the Landfill or the advective flow from the Landfill. 1,1-DFA was selected as a trace gas and approved by the SCAQMD given that it is not a greenhouse gas and is not used as a commercial freon compound. However, it was found that for two samples (T-203 and T-204) the measured amount of 1,1-DFA was greater than amount added beyond the precision of the analysis. Further investigation by the laboratory found a large detection of a common refrigerator freon compound in those samples and it was found from the literature that 1,1-DFA is a common contaminant in this historic refrigerant. In other words, the added amount of 1,1-DFA above the trace gas level came from the Landfill as the source. As such, the field data for the recovery of trace gas from the data set was used to determine a representative

advective flow from the Landfill. The average added and advective flow for the balance of the flux tests for this trip was 9.6 liters per minute or 0.0096 cm3 per minute, or 10 liters per minute (0.0010 cm3/minute). This value was used in the calculation of flux from these two samples because using the added flow at 5.0 liters per minute would result in an under-estimate of the flux at these locations and would not have been representative. This approach provides for a reasonable estimate of advective flow divorced from the added trace gas 1,1-DFA.

The flux of VOCs as TNMHC (C1), HAPs compounds, hydrocarbon species, sulfur containing compounds, and fixed gases (methane, hydrogen, and carbon dioxide) from the Landfill grid cells tested is provided in this Technical Memorandum and is used in the Emissions Report.

The data set met the QC requirements provided in the SP and the laboratory methods employed.

V. SUMMARY

A focused air emissions assessment was performed on the Landfill at the facility located in Castaic, California. Areas of the Landfill that were tested included grid cells representative of both areas of the Landfill affected by the reaction and areas of the Landfill not affected by the reaction. Surfaces in the reaction area that were covered with a synthetic membrane were also tested as the technical approach included those grid cells by SEM screening like other grid cells on site. The following is a summary of activities and results associated with this Technical Memorandum:

- Surface flux measurements of VOCs as TNMHC, hydrocarbon species, HAPs compounds, sulfur containing compounds, and fixed gases (methane, carbon dioxide, 1,1-DFA) were measured on 14 selected Landfill grid cells. The scope of work was expanded to investigate other areas of interest on the Landfill. Four flux chamber measurements were taken from each grid cell.

- Grid selection was based on the areas of interest (i.e., membrane area, non-reaction area, interface area, etc) and methane surface screening data.

- Emissions testing was performed using the USEPA recommended surface flux chamber technology as described in the USEPA User's Guide for assessing fugitive air emissions from area sources. Surface advective flow was determined at each location by the dilution of a trace gas 1,1-DFA added to the chamber sweep air. Study compounds were tested following regulatory approved sampling and analytical methods. These technologies were used to quantitatively measure flux at the test surface of the listed study compounds.

- Field and laboratory quality control data indicate acceptable data quality for all of the

analytical methods used. Lab method QC sample data and media/field blank sample data for the analytical methods were found to be acceptable according to the methods used. Method precision for the lab replicates and spike samples (LCD and LCS) met the method criteria. Field method blank samples and field replicate samples were also acceptable, however some field precision samples for some methods, namely TO-14 and TO-15, exceeded criteria for some sample/replicate pairs. This was likely due to the low levels and numerous detections found in many samples, especially for Method TO-14 or hydrocarbon speciation analysis. The data set is of acceptable data quality for the purpose of assessing compound emissions from the Landfill.

- The flux data generated in this field study can be used to estimate emission factors from the Landfill area sources tested.

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REFERENCES

USEPA. 1986. "Measurement of Gaseous Emission Rates from Land Surfaces Using an Emission Isolation Flux Chamber, Users Guide." EPA Environmental Monitoring Systems Laboratory, Las Vegas, Nevada, EPA Contract No. 68-02-3889, Work Assignment No. 18, Radian Corporation, February 1986. NTIS # PB 86-223161.

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Table 1. Summary of Field Sampling data for Chiquita Canyon Air Emission Assessment, March 16-20, 2026.

DATE	TIME	Test Site	Grid Category	LOC.	TO-15 ID	SRS ID a,b	J 631X In (ppmv)	J 631X Out (ppmv)	FID In (ppmv)	FID Filter In (ppmv)	FID Out (ppmv)	FID Filter Out (ppmv)	IN SURF °F	IN AIR °F	OUT SURF °F	OUT AIR °F	Coordinates 11 S 34	Coordinates 381	COMMENT
3/16/2026	931	Grid 87	Exceedance Cell	1	T-101	S-101	0.000/0.000	0.013/0.006	-1	-0.4	7.1	2.7	102	103	106	85	8.854	1.228	Soil
3/16/2026	931	Grid 87		2	T-102	S-102	0.000/0.000	0.0120.000	-2.6	-1	6.5	5.1	114	102	85	89	8.874	1.233	Soil
3/16/2026	931	Grid 87		3	T-103	S-103	0.007/0.000	0.011/0.000	6000	5300	170	36	94	93	98	85	8.862	1.205	Soil
3/16/2026	931	Grid 87		4	T-104	S-104	0.002/0.000	0.010/0.000	3300	3100	400	46	100	101	96	82	8.872	1.209	Soil
3/16/2026	1050	Grid 211	Interface Area Cell	1	T-105	S-105	0.005/0.005	0.013/0.006	3.5	6	3.3	5	105	98	98	90	8.344	1.290	White Membrane
3/16/2026	1059	Grid 211	High	2	T-106	S-106	0.004/0.004	0.013/0.010	-2.7	-2.6	-0.9	0.2	115	103	96	89	8.343	1.274	White Membrane
3/16/2026	1050	Grid 211		3	T-107	S-107	0.005/0.004	0.013/0.008	1.2	-0.3	2	-0.2	136	105	99	88	8.357	1.291	Half White and Black Membrane
3/16/2026	1059	Grid 211		4	T-108	S-108	0.009/0.008	0.018/0.005	-2.9	-2.8	1	9.3	105	103	101	89	8.346	1.266	White Membrane
3/16/2026	1208	Grid 212	Interface Area Cell	1	T-109	S-109	0.004/0.004	0.014/0.008	-2.6	-2.5	-1.7	-1.8	109	106	103	89	8.426	1.310	White Membrane
3/16/2026	1208	Grid 212	Medium	2	T-110	S-110	0.12/0.002	0.013/0.008	600	630	-1.9	1.3	115	105	91	93	8.431	1.308	2"-3" Tear, Repair, Old Paint
3/16/2026	1208	Grid 212		3	T-111	S-111	0.009/0.006	0.001/0.010	21.4	17	7	5.3	123	106	108	92	8.439	1.291	Wood Chips/Vegetation
3/16/2026	1208	Grid 212		4	T-112	S-112	0.002/0.000	0.011/0.008	6100	6400	70	218	144	122	105	91	8.443	1.279	Wood Chips
3/16/2026	1208	Grid 212	Replicate	4	T-113	S-113	0.002/0.000	0.011/0.008	6100	6400	70	218	144	122	105	91	8.443	1.279	Sample Replicate
3/16/2026	1430	NA	Media Blank	NA	S-114	S-114	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Media Blank, 1,1-DFA, 212 ppbv
3/17/2026	940	Grid 155	Interface Area Cell	1	T-201	S-201	0.002/0.002	0.012/0.010	130	104	8	5	89	88	90	81	8.756	1.487	Soil
3/17/2026	938	Grid 155	Low	2	T-202	S-202	0.002/0.002	0.047/0.036	180	140	20	34	89	87	91	82	8.755	1.506	Soil
3/17/2026	940	Grid 155		3	T-203	S-203	0.16/0.069	0.020/0.014	14,000	13,000	30	50	90	93	85	81	8.757	1.478	Soil
3/17/2026	938	Grid 155		4	T-204	S-204	3.4/2.5	0.13/0.005	13,000	14,000	10	107	88	90	91	84	8.750	1.514	Soil
3/17/2026	1049	Grid 163	Interface Area Cell	1	T-205	S-205	0.001/0.001	0.11/0.007	1270	1,100	-0.4	50	112	101	98	91	8.609	1.383	Soil
3/17/2026	1050	Grid 163	Medium	2	T-206	S-206	0.000/0.000	0.011/0.007	500	470	0.007	0.011	138	121	105	94	8.604	1.370	Soil
3/17/2026	1049	Grid 163		3	T-207	S-207	0.000/0.000	0.12/0.001	300	200	-0.2	12	101	100	94	91	8.594	1.384	Soil, Some Vegetation
3/17/2026	1050	Grid 163		4	T-208	S-208	0.000/0.000	0.009/0.007	7400	7000	21	18	136	121	119	93	8.591	1.365	Wood Chips
3/17/2026	1156	Grid 188	Membrane Low	1	T-209	S-209	0.002/0.003	0.003/0.004	-3	-3	-3	-3	111	101	101	91	8.369	1.784	Soil over Membrane
3/17/2026	1156	Grid 188		2	T-210	S-210	0.003/0.004	0.012/0.007	-2.6	-2.1	-2.2	-2.2	113	103	102	91	8.357	1.785	Soil over Membrane
3/17/2026	1156	Grid 188		3	T-211	S-211	0.001/0.003	0.012/0.007	-3	-2	-2	-2	109	103	97	93	8.359	1.779	Soil over Membrane
3/17/2026	1156	Grid 188		4	T-212	S-212	0.002/0.003	0.010/0.006	-3	-1.5	-2	-1.3	115	109	103	94	8.375	1.779	Soil over Membrane
3/17/2026	1156	Grid 188	Replicate	4	T-213	S-213	0.002/0.003	0.010/0.006	-3	-1.5	-2	-1.3	115	109	103	94	8.375	1.779	Sample Replicate
3/17/2026	1309	NA	Media Blank	NA	T-214	S-214	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Media Blank, 1,1-DFA, 211 ppbv
3/18/2026	936	Grid 172	Membrane Medium	1	T-301	S-301	0.003/0.001	0.016/0.022	-1.3	-1.9	2	0.9	83	88	83	75	8.519	1.587	Soil over Membrane
3/18/2026	936	Grid 172	High Well Pressure	2	T-302	S-302	0.003/0.001	0.013/0.005	-2	-2.5	0	-1	83	83	73	74	8.527	1.596	Soil over Membrane
3/18/2026	936	Geis 172		3	T-303	S-303	0.005/0.003	0.010/0.005	-0.1	-0.5	2	1.0	82	85	72	75	8.519	1.584	Soil over Membrane
3/18/2026	936	Grid 172		4	T-304	S-304	0.004/0.003	0.016/0.015	-1	-2.2	1.2	-0.5	92	89	79	74	8.531	1.587	Soil over Membrane
3/18/2026	1028	Grid 171	Membrane Medium	1	T-305	S-305	0.040/0.023	0.015/0.009	3.5	-0.7	1.2	0.4	90	96	81	81	8.544	1.584	White Membrane, dirty surface
3/18/2026	1028	Grid 171	High Well Pressure	2	T-306	S-306	0.13/0.24	0.011/0.012	7.4	0.7	0.5	1.7	93	97	80	83	8.537	1.575	Half White and Black Membrane
3/18/2026	1028	Grid 171		3	T-307	S-307	0.11/0.023	0.13/0.18	6.9	2.2	1200	1.8	93	98	88	83	8.529	1.572	White Membrane, Stained
3/18/2026	1028	Grid 171		4	T-308	S-308	0.030/0.017	0.11/0.023	14	7	5	5.6	92	99	81	83	8.516	1.568	Half White/Black Membrane, Seam
3/18/2028	1136	Grid 181	Membrane High	1	T-309	S-309	0.000/0.000	0.010/0.008	-3.4	-3.2	-1.6	-2.0	112	109	89	93	8.285	1.643	Soil over Membrane
3/18/2026	1136	Grid 181		2	T-310	S-310	0.059/0.029	0.019/0.012	30	-0.8	5	-0.8	106	104	97	92	8.318	1.645	White Membrane, no holes
3/18/2026	1134	Grid 181		3	T-311	S-311	0.000/0.000	0.011/0.007	-3.8	-2.8	-1.6	-1.3	118	113	92	91	8.289	1.631	Soil over Membrane
3/18/2026	1134	Grid 181		4	T-312	S-312	0.012/0.013	0.18/0.12	7	-1	1	-1	111	111	97	92	8.322	1.629	Off White Membrane
3/18/2026	1134	Grid 181	Replicate	4	T-313	S-313	0.012/0.013	0.18/0.12	7	-1	1	-1	111	111	97	92	8.322	1.629	Replicate Sample
3/18/2026	1249	NA	Media Blank	NA	T-314	S-314	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Media Blank, 1,1-DFA, 212 ppbv
3/19/2026	858	Grid 199	Normal Medium	1	T-401	S-401	0.000/0.000	0.001/0.004	-2.6	-2.2	-1.7	-1.5	87	83	76	76	8.543	1.197	Soil and Wood Chips
3/19/2026	858	Grid 199		2	T-402	S-402	0.001/0.000	0.001/0.004	3.2	4.1	0.5	0.8	93	92	88	80	8.554	1.199	Soil and Wood Chips
3/19/2026	855	Grid 199		3	T-403	S-403	0.000/0.000	0.001/0.003	17	18	-0.6	0.5	96	89	89	74	8.578	1.203	Soil and Wood Chips
3/19/2026	855	Grid 199		4	T-404	S-404	0.000/0.000	0.000/0.004	1250	1200	30	13	77	76	78	74	8.568	1.218	Soil
3/19/2026	1004	Grid 134	Normal Low	1	T-405	S-405	0.000/0.000	0.001/0.004	-4.0	-3.3	-2	-2.8	82	91	80	81	8.868	0.697	Soil
3/19/2026	1004	Grid 134		2	T-406	S-406	0.000/0.000	0.001/0.004	-2.9	-3.1	-1.6	-2.3	96	98	88	83	8.857	0.721	Vegetation
3/19/2026	1004	Grid 134		3	T-407	S-407	0.003/0.000	0.000/0.003	-3.1	2.9	-1.7	-2.9	92	101	100	81	8.854	0.729	Vegetation
3/19/2026	1004	Grid 134		4	T-408	S-408	0.000/0.000	0.000/0.005	-3.5	-3.6	-2.1	-2.4	97	93	90	82	8.863	0.708	Soil
3/19/2026	1133	Road Grid	Road Grid	1	T-409	S-409	0.002/0.000	0.001/0.007	-4	-3.5	-2	-2.6	103	106	96	95	8.977	1.703	Packed gravel and soil
3/19/2026	1133	Road Grid		2	T-410	S-410	0.000/0.000	0.000/0.008	-4	-3.5	-1	-1	102	102	95	94	8.977	1.694	Packed gravel and soil
3/19/2026	1132	Road Grid		3	T-411	S-411	0.000/0.000	0.000/0.005	-3.8	-3	-1.3	-1.7	104	108	98	94	8.974	1.674	Packed gravel and soil
3/19/2026	1132	Road Grid		4	T-412	S-412	0.000/0.000	0.000/0.006	-3.8	-3.3	-2	4	100	106	99	98	8.974	1.681	Packed gravel and soil
3/19/2026	1132	Road Grid	Replicate	4	T-413	S-413	0.000/0.000	0.000/0.006	-3.8	-3.3	-2	4	100	106	99	98	8.974	1.681	Replicate Sample
3/19/2026	1235	NA	Media Blank	NA	T-414	S-414	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Media Blank, 1,1-DFA, 214 ppbv
3/20/2026	926	Grid 31	Normal Medium	1	T-501	S-501	0.001/0.000	0.000/0.004	-4	-2	-2	-1	88	89	92	80	8.876	1.422	Soil
3/20/2026	926	Grid 31		2	T-502	S-502	0.000/0.000	0.000/0.003	620	530	1.5	12	101	97	95	75	8.855	1.415	Soil, Dry Grass
3/20/2026	923	Grid 31		3	T-503	S-503	0.000/0.000	0.001/0.003	900	800	2	13	105	93	98	77	8.852	1.383	Soil
3/20/2026	923	Grid 31		4	T-504	S-504	0.001/0.015	0.001/0.004	14000	12000	68	64	96	95	90	75	8.860	1.386	Soil
3/20/2026	1033	Grid 116	Normal High	1	T-505	S-505	0.001/0.000	0.000/0.005	-3.8	-2.5	-3.4	-2.6	81	109	73	85	8.853	1.024	Soil
3/20/2026	1053	Grid 116		2	T-506	S-506	0.002/0.000	0.001/0.003	-3	-2.3	1.7	1.8	102	105	81	88	8.860	1.028	Vegetation
3/20/2026	1037	Grid 116		3	T-507	S-507	0.000/0.000	0.000/0005	-3.7	-2.5	-2.5	-2.5	83	89	83	80	8.831	1.014	Vegetation
3/20/2026	1037	Grid 116		4	T-508	S-508	0.000/0.000	0.000/0.006	5.4	4	1	2	91	101	77	86	8.845	1.020	Vegetation
3/20/2026	1037	Grid 116	Replicate	4	T-509	S-509	0.000/0.000	0.000/0.006	5.4	4	1	2	91	101	77	86	8.845	1.020	Replicate Sample
3/20/2026	1145	NA	Media Blank	NA	T-510	S-510	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Media Blank, 1,1-DFA, 206 ppbv

Note- Two Jerome 631X H2S analyzers were used; both instrument readings reported as X/Y per data cell

NA- not applicable

Table 2. Summary of Flux Data for CO2, Methane, and TNMHC Flux.

Test Site	Grid Category	LOC.	TO-15	SRS	Methane		Carbon Dioxide		H2		TO-12 TNMHC C1		TO-12 TNMHC C1		1,1-DFA	1,1-DFA Std.	Total Flow	Total Flow	Carbon Dioxide Flux	Methane Flux		TNMHC Flux	
			ID	ID a,b	(ppmv)		(ppmv)		(ppmv)		(ppbv)		(ug/m3)		(ppbv)	(ppbv)	(lpm)	(m3/min)	mg/m2,min	mg/m2,min		mg/m2,min	
Grid 87	Exceedance Cell	1	T-101	S-101	5.7		1,369		ND		188	J	117	J	43.84	212	24.2	0.024	437	0.66		0.0218	J
Grid 87		2	T-102	S-102	4.9		1,181		ND		114	J	71	J	75.15	212	14.1	0.014	220	0.33		0.0077	J
Grid 87		3	T-103	S-103	4,297		3,411		ND		4,343		2,758		70.98	211	14.9	0.015	681	312		0.3154	
Grid 87		4	T-104	S-104	2,465		3,047		ND		8,021		5,021		50.55	211	20.9	0.021	842	248		0.8061	
Grid 211	Interface Area Cell	1	T-105	S-105	0.7	J	ND		ND		698		439		180.55	211	5.84	0.006	5	0.02	J	0.0197	
Grid 211	High	2	T-106	S-106	1.0	J	ND		ND		135		85		172.04	212	6.16	0.006	6	0.03	J	0.0040	
Grid 211		3	T-107	S-107	4.7		1,032		ND		1,185		737		89.05	211	11.8	0.012	161	0.26		0.0671	
Grid 211		4	T-108	S-108	1.1	J	ND		ND		230		143		160.92	212	6.59	0.007	6	0.04	J	0.0073	
Grid 212	Interface Area Cell	1	T-109	S-109	1.7	J	696		ND		58	J	36	J	114.86	212	9.23	0.009	84	0.08	J	0.0025	J
Grid 212	Medium	2	T-110	S-110	1.9	J	598		ND		95	J	59	J	85.86	212	12.3	0.012	97	0.11	J	0.0056	J
Grid 212		3	T-111	S-111	15		1,142		ND		107	J	66	J	20.56	211	51.3	0.051	769	3.70		0.0262	J
Grid 212		4	T-112	S-112	7,142		11,489		ND		2,155		1,300		49.14	211	21.5	0.021	3,148	712		0.2147	
Grid 212	Replicate	4	T-113	S-113	5,422		9,017		ND		3,127		1,887		82.95	211	12.7	0.013	1,464	320		0.1846	
NA	Media Blank	NA	S-114	S-114	1	J	ND		ND		ND	U	15	U	200.94	212	5.28	0.005	5	0.02	J	0.0006	U
Grid 155	Interface Area Cell	1	T-201	S-201	150		666		ND		258		166		221.56	211	5.00	0.005	45	3.7		0.0064	
Grid 155	Low	2	T-202	S-202	195		1,025		ND		130	J	84	J	233.97	212	5.00	0.005	70	4.8		0.0032	J
Grid 155		3	T-203	S-203	12,835		12,235		ND		8,984		5,705		351.82	211		0.010	1,584	604		0.4230	
Grid 155		4	T-204	S-204	48,815		44,242		ND		16,526		10,552		701.05	212		0.010	5,760	2,311		0.7825	
Grid 163	Interface Area Cell	1	T-205	S-205	1,153		2,237		ND		366		229		118.60	212	8.94	0.009	265	50		0.0158	
Grid 163	Medium	2	T-206	S-206	519		3,264		ND		171		103		189.24	211	5.57	0.006	233	13		0.0044	
Grid 163		3	T-207	S-207	154		1,576		ND		132	J	83	J	89.25	212	11.9	0.012	248	9		0.0076	J
Grid 163		4	T-208	S-208	4,540		5,683		ND		1,787		1,080		129.22	211	8.16	0.008	593	180		0.0678	
Grid 188	Membrane Low	1	T-209	S-209	1.0	J	673		ND		ND	U	14	U	97.56	211	10.8	0.011	96	0.05	J	0.0012	U
Grid 188		2	T-210	S-210	1.4	J	727		ND		ND	U	14	U	80.03	212	13.2	0.013	127	0.09	J	0.0014	U
Grid 188		3	T-211	S-211	1.3	J	628		ND		ND	U	14	U	57.27	212	18.5	0.019	153	0.11	J	0.0020	U
Grid 188		4	T-212	S-212	0.9	J	544		ND		ND	U	14	U	36.02	211	29.3	0.029	208	0.13	J	0.0031	U
Grid 188	Replicate	4	T-213	S-213	ND	U	587		ND		84	J	52	J	35.76	211	29.5	0.030	226	0.05	U	0.0118	J
NA	Media Blank	NA	T-214	S-214	1.5	J	ND		ND		54	J	36	J	209.01	211	5.05	0.005	5	0.04	J	0.0014	J
Grid 172	Membrane Medium	1	T-301	S-301	ND	U	ND		ND		516		330		106.25	211	9.93	0.010	10	0.02	U	0.0252	
Grid 172	High Well Pressure	2	T-302	S-302	0.8	J	382		ND		624		404		200.84	212	5.28	0.005	28	0.02	J	0.0164	
Geis 172		3	T-303	S-303	1.0	J	441		ND		344		221		189.08	211	5.58	0.006	34	0.03	J	0.0095	
Grid 172		4	T-304	S-304	ND	U	327		ND		1,075		688		199.96	212	5.30	0.005	23	0.01	U	0.0280	
Grid 171	Membrane Medium	1	T-305	S-305	0.9	J	453		ND		2,901		1,832		209.58	212	5.06	0.005	31	0.02	J	0.0713	
Grid 171	High Well Pressure	2	T-306	S-306	0.9	J	441		ND		13,187		8,314		237.68	212	5.00	0.005	29	0.02	J	0.3198	
Grid 171		3	T-307	S-307	4.3		1,513		ND		8,729		5,494		236.22	211	5.00	0.005	101	0.10		0.2113	
Grid 171		4	T-308	S-308	1.9		430		ND		8,220		5,164		225.47	211	5.00	0.005	29	0.05		0.1986	
Grid 181	Membrane High	1	T-309	S-309	1.8		524		ND		ND	U	14	U	237.08	212	5.00	0.005	34	0.04		0.0005	U
Grid 181		2	T-310	S-310	ND	U	362		ND		24,523		15,270		105.91	211	9.96	0.010	47	0.02	U	1.1700	
Grid 181		3	T-311	S-311	1.6	J	482		ND		323		198		166.25	212	6.38	0.006	40	0.05	J	0.0097	
Grid 181		4	T-312	S-312	ND	U	ND		ND		13,011		8,002		158.07	211	6.67	0.007	6	0.01	U	0.4108	
Grid 181	Replicate	4	T-313	S-313	0.8	J	583		ND		4,900		3,014		182.94	211	5.77	0.006	44	0.02	J	0.1337	
NA	Media Blank	NA	T-314	S-314	ND	U	ND		ND		ND	U	15	U	213.43	212	5.00	0.005	5	0.01	U	0.0006	U
Grid 199	Normal Medium	1	T-401	S-401	1.6	J	813		ND		269		174		175.21	214	6.11	0.006	68	0.05	J	0.0082	
Grid 199		2	T-402	S-402	20		8,263		ND		176		112		108.51	214	9.86	0.010	1,097	0.96		0.0085	
Grid 199		3	T-403	S-403	17		3,049		ND		8,264		5,286		69.76	206	14.8	0.015	609	1.2		0.6004	
Grid 199		4	T-404	S-404	1,420		1,822		ND		8,995		5,894		180.52	206	5.71	0.006	144	41		0.2587	
Grid 134	Normal Low	1	T-405	S-405	1.6	J	578		ND		50		32		216.65	214	5.00	0.005	39	0.04	J	0.0012	
Grid 134		2	T-406	S-406	0.8	J	631		ND		252		159		127.84	206	8.06	0.008	68	0.03	J	0.0098	
Grid 134		3	T-407	S-407	0.8	J	692		ND		ND	U	14	U	106.40	206	9.68	0.010	89	0.04	J	0.0010	U
Grid 134		4	T-408	S-408	ND	U	468		ND		ND	U	14	U	139.59	214	7.67	0.008	48	0.01	U	0.0008	U
Road Grid	Road Grid	1	T-409	S-409	2	J	ND		ND		136		85		144.49	214	7.41	0.007	7	0.06	J	0.0048	
Road Grid		2	T-410	S-410	ND	J	397		ND		145		90		198.97	214	5.38	0.005	28	0.01	J	0.0037	
Road Grid		3	T-411	S-411	ND	U	452		ND		48	J	29	J	172.97	206	5.95	0.006	35	0.01	U	0.0013	J
Road Grid		4	T-412	S-412	ND	U	563		ND		104	J	65	J	185.47	206	5.55	0.006	41	0.01	U	0.0028	J
Road Grid	Replicate	4	T-413	S-413	ND	U	319		ND		130	J	80	J	136.04	206	7.57	0.008	32	0.01	U	0.0047	J
NA	Media Blank	NA	T-414	S-414	ND	U	ND		ND		ND	U	15	U	218.49	214	5.00	0.005	5	0.01	U	0.0006	U
Grid 31	Normal Medium	1	T-501	S-501	ND	U	456		ND		ND	U	14	U	105.40	214	10.2	0.010	63	0.02	U	0.0011	U
Grid 31		2	T-502	S-502	538		2,893		ND		556		350		176.50	214	6.06	0.006	234	16		0.0163	
Grid 31		3	T-503	S-503	592		2,026		ND		421		267		147.58	206	6.98	0.007	190	20		0.0143	
Grid 31		4	T-504	S-504	8,128		9,416		ND		8,715		5,514		191.51	206	5.38	0.005	678	213		0.2281	
Grid 116	Normal High	1	T-505	S-505	ND	U	513		ND		164		101		209.57	206	5.00	0.005	33	0.01	U	0.0039	
Grid 116		2	T-506	S-506	1.2	J	518		ND		91	J	56	J	155.58	206	6.62	0.007	45	0.04	J	0.0029	J
Grid 116		3	T-507	S-507	ND	U	345		ND		ND	U	14	U	211.91	214	5.05	0.005	24	0.01	U	0.0006	U
Grid 116		4	T-508	S-508	6.5		1,197		ND		104	J	65	J	207.78	214	5.15	0.005	82	0.16		0.0026	J
Grid 116	Replicate	1	T-509	S-509	7.5		1,361		ND		123	J	77	J	209.29	214	5.11	0.005	92	0.18		0.0030	J
NA	Media Blank	2	T-510	S-510	1.3	J	ND		ND		ND	U	15	U	204.35	206	5.04	0.005	5	0.03	J	0.0006	U

1,1-Difluoroethane or 1,1-DFA

Sample ID	Compound	Methanol	Benzene	Acetone	Propylene	Tetrahydrofuran	2-Butanone (MEK)	Toluene	Ethanol	Isopropyltoluene	m,p-Xylenes	Ethylbenzene	n-Heptane	Decane	Cyclohexane	o-Xylene	1,2,4-Trimethylbenzene
	CAS	67-56-1	71-43-2	67-64-1	115-07-1	109-99-9	78-93-3	108-88-3	64-17-5	99-87-6	1330-20-7	100-41-4	142-82-5	124-18-5	110-82-7	95-47-6	95-63-6
	MW	32	78.1	58.1	42.08	72.1	72.1	92.1	46.1	134.2	106.2	106.2	100.2	142.3	84.2	106.2	120.2
Lab Data (ppbv)																	
T-101		136.06	ND	16.5	ND	ND	1.3	ND	10.45	1.77	ND	ND	ND	ND	ND	ND	ND
T-102		23.55	ND	10.32	ND	ND	0.53	ND	15.03	ND	ND	ND	ND	ND	ND	ND	ND
T-103		21	5.41	46.25	29.96	0.43	1.18	20.16	18.11	1.15	17.36	13.43	1.91	2.25	1.25	14.86	ND
T-104		32.55	5.72	24.12	158.8	ND	1.49	13.67	18.3	1.86	11.05	5.52	3.28	1.14	3.96	8.47	ND
T-105		6.44	22.27	3.55	1.31	1.06	ND	5.31	9.69	1.74	3.57	0.7	0.84	1.54	ND	ND	ND
T-106		ND	4.82	1.92	1.08	ND	ND	ND	34.75	0.97	ND	ND	ND	0.75	ND	ND	ND
T-107		5.22	45.61	3.95	8.73	0.5	ND	12.74	3.76	2.27	4.28	0.98	1.96	1.08	ND	ND	ND
T-108		6.51	4.06	2.66	0.75	ND	ND	ND	2.7	0.74	ND	ND	ND	ND	ND	ND	ND
T-109		7.36	1.5	2.88	0.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-110		16.75	ND	4.88	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-111		1044.68	1.6	10.23	ND	ND	1.12	ND	24.93	ND	ND	ND	ND	ND	ND	ND	ND
T-112		1126.5	1.89	35.72	79.46	ND	ND	ND	99.55	2.11	ND	ND	1.7	ND	6.24	ND	ND
T-113		1526.49	2.39	44.19	100.86	ND	ND	ND	106.38	2.54	ND	ND	1.86	ND	6.74	ND	ND
T-114		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-201		25.68	1.36	36.05	5.08	ND	100.13	ND	12.87	4.63	ND	ND	ND	2.25	ND	ND	3.16
T-202		19.41	1.36	9.5	ND	ND	0.37	ND	9.4	ND	ND	ND	ND	ND	2.23	ND	ND
T-203		16.71	14.88	47.95	98.23	13.46	14.87	97.27	8.35	9.44	24.85	22.27	74.49	ND	56.86	7.02	0.93
T-204		34.83	29.52	16.67	610.07	8.43	4.43	381.17	ND	368.3	80.77	65.33	292.96	16.94	171.1	39.99	16.91
T-205		97.79	1.52	8.52	41.95	ND	0.52	ND	6.52	9.84	ND	ND	2.07	ND	4.06	ND	ND
T-206		1905.92	1.96	27.32	5.73	ND	2.15	ND	32.88	2.04	ND	ND	1.07	ND	1.67	ND	ND
T-207		70.77	2.19	11.17	2.83	ND	0.78	ND	6.76	0.83	ND	ND	0.66	ND	0.83	ND	ND
T-208		1038.3	2.11	43.03	3.83	ND	0.8	ND	6.1	1.08	ND	ND	0.68	ND	3.25	ND	ND
T-209		17.56	ND	4.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-210		13.36	2.56	3.75	ND	ND	ND	ND	2.76	ND	ND	ND	ND	ND	ND	ND	ND
T-211		9.79	1.25	12.29	ND	0.31	0.83	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-212		12.33	ND	4.8	ND	ND	ND	ND	3.97	ND	ND	ND	ND	ND	ND	ND	ND
T-213		11.55	ND	4.41	ND	ND	ND	ND	3.83	ND	ND	ND	ND	ND	ND	ND	ND
T-214		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-301		181.19	3.02	45.56	ND	17.93	21.65	ND	25.15	ND	ND	ND	ND	ND	ND	ND	ND
T-302		107.21	8.34	68.45	6.54	40.65	46.07	ND	18.59	3.34	ND	ND	ND	ND	ND	ND	ND
T-303		477.2	3.44	67.37	3.35	28.43	40.26	ND	44.59	2.59	ND	ND	ND	ND	ND	ND	ND
T-304		1143.64	9.11	96.28	2.56	74.44	60.53	1.8	61.57	6.47	ND	1.41	ND	1.13	ND	ND	0.75
T-305		155.78	335.06	64.42	13.37	188.77	99.16	86.45	34.49	71.1	83.41	79.07	3.26	39.71	ND	32.76	22.5
T-306		128.76	185.62	65.86	20.15	92.04	88.82	92.68	26.63	74.09	89.13	83.94	4.27	43.24	ND	36.04	23.38
T-307		167.82	244.67	81.98	20.68	141.89	119.98	86.47	17.31	75.44	83.86	87.69	4.53	42.69	ND	34.11	27.86
T-308		230.93	297.74	80.83	13.8	144.75	153.49	75.55	13.93	33.69	56.26	60.78	3.38	11.12	ND	16.14	8.13
T-309		29.76	3.01	19.17	2.7	0.86	1.13	ND	2.15	4.21	ND	ND	ND	ND	ND	ND	0.81
T-310		282.59	535.63	320.48	9.56	337.02	246.83	176.66	62.06	ND	234.38	219.42	5.87	81.16	ND	69.13	78.09
T-311		63.9	1.77	42.67	3.38	3.31	2.51	ND	17.44	13.29	ND	ND	ND	1.48	ND	ND	2.6
T-312		65.71	223.11	95.17	8.2	88.77	64.71	58.35	13.84	83.79	57.39	51.82	3.19	44.72	ND	27.69	37.1
T-313		76.42	278.03	126.8	8.97	91.68	64.52	53.45	17.7	39.75	34.05	36.93	3	5.36	ND	13.96	6.45
T-314		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-401		94.77	1.51	28.92	1.13	ND	0.64	ND	12.12	1.31	ND	ND	ND	ND	ND	ND	ND
T-402		9.03	1.35	23.43	1.46	ND	0.72	ND	ND	1.79	ND	ND	0.73	ND	3	ND	ND
T-403		99.22	1.44	22.7	1.85	ND	1.74	ND	6.04	27.27	ND	ND	44.41	0.43	ND	ND	ND
T-404		30.79	4.67	72.8	95.09	32.05	48.31	7.83	2.93	3.23	1.42	ND	24.07	1.58	39.57	ND	ND
T-405		5.25	ND	3.16	0.35	ND	1.02	ND	2.97	ND	ND	ND	ND	ND	ND	ND	ND
T-406		327.48	ND	24.39	1.19	ND	2.87	ND	7.9	0.8	ND	ND	ND	ND	ND	ND	ND
T-407		73.4	1.3	20.57	0.63	ND	1.86	ND	3.4	ND	ND	ND	ND	ND	ND	ND	ND
T-408		34.35	1.37	6.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-409		15.87	ND	23.07	0.42	ND	2.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-410		16.08	1.26	11.44	ND	1.04	4.01	ND	ND	1.15	ND	ND	ND	ND	ND	ND	ND
T-411		27.82	2.31	23.67	0.37	ND	3.23	ND	1.73	ND	ND	ND	ND	ND	ND	ND	ND
T-412		29.59	19.44	19.39	1.7	0.69	3.03	ND	2.56	ND	ND	ND	ND	ND	ND	ND	ND
T-413		19.17	27.75	21.41	1.26	ND	3.58	ND	ND	0.93	ND	ND	ND	ND	ND	ND	ND
T-414		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-501		18.24	11.02	7.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-502		234.38	15.26	47.72	15.13	ND	3.16	ND	29.3	ND	ND	ND	ND	ND	0.88	ND	ND
T-503		149.15	11.06	37.89	16.42	ND	2.45	ND	6.66	2.6	ND	ND	1.06	ND	1.98	ND	ND
T-504		87.8	22.01	25.21	129.51	2.67	1.28	22.51	4.39	54.63	9.68	20.32	29.65	3.16	31.43	6.69	2.15
T-505		215.44	9.85	36.88	2.19	ND	3.18	ND	5.61	1.32	ND	ND	ND	ND	ND	ND	ND
T-506		149.22	9.36	19.83	1.12	ND	1.25	ND	2.61	ND	ND	ND	ND	ND	ND	ND	ND
T-507		52.16	8.5	14.13	1.36	ND	1.14	ND	ND	1.14	ND	ND	ND	ND	ND	ND	ND
T-508		82.33	7.93	16.8	1.3	ND	1.11	ND	43.6	ND	ND	ND	ND	ND	ND	ND	ND
T-509		90.96	7.85	20.08	1.59	ND	1.53	ND	47.15	ND	ND	ND	ND	ND	ND	ND	ND
T-510		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Sample ID	Compound	Methanol	Benzene	Acetone	Propylene	Tetrahydrofuran	2-Butanone (MEK)	Toluene	Ethanol	Isopropyltoluene	m,p-Xylenes	Ethylbenzene	n-Heptane	Decane	Cyclohexane	o-Xylene	1,2,4-Trimethylbenzene
	CAS	67-56-1	71-43-2	67-64-1	115-07-1	109-99-9	78-93-3	108-88-3	64-17-5	99-87-6	1330-20-7	100-41-4	142-82-5	124-18-5	110-82-7	95-47-6	95-63-6
	MW	32	78.1	58.1	42.08	72.1	72.1	92.1	46.1	134.2	106.2	106.2	100.2	142.3	84.2	106.2	120.2
MDL (ppbv)																	
T-101		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-102		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-103		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-104		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-105		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-106		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-107		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-108		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-109		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-110		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-111		25	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-112		250	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-113		250	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-114		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-201		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-202		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-203		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-204		1.67	1.17	1.67	5	0.17	0.33	10	1.67	10	5	0.33	5	0.67	2.5	0.33	0.67
T-205		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-206		25	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-207		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-208		25	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-209		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-210		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-211		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-212		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-213		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-214		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-301		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-302		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-303		25	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-304		25	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-305		25	17.5	1.67	0.33	2.52	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-306		25	17.5	1.67	0.33	2.52	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-307		25	17.5	1.67	0.33	2.52	5	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-308		25	17.5	1.67	0.33	2.52	5	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-309		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-310		25	17.5	25	0.33	2.52	5	10	1.67	0.67	5	5	0.33	0.67	0.17	0.33	0.67
T-311		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-312		1.67	17.5	25	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-313		1.67	17.5	25	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-314		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-401		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-402		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-403		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-404		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-405		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-406		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-407		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-408		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-409		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-410		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-411		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-412		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-413		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-414		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-501		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-502		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-503		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-504		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-505		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-506		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-507		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-508		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-509		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67
T-510		1.67	1.17	1.67	0.33	0.17	0.33	0.67	1.67	0.67	0.33	0.33	0.33	0.67	0.17	0.33	0.67

Sample ID	Compound	Methanol	Benzene	Acetone	Propylene	Tetrahydrofuran	2-Butanone (MEK)	Toluene	Ethanol	Isopropyltoluene	m,p-Xylenes	Ethylbenzene	n-Heptane	Decane	Cyclohexane	o-Xylene	1,2,4-Trimethylbenzene
	CAS	67-56-1	71-43-2	67-64-1	115-07-1	109-99-9	78-93-3	108-88-3	64-17-5	99-87-6	1330-20-7	100-41-4	142-82-5	124-18-5	110-82-7	95-47-6	95-63-6
	MW	32	78.1	58.1	42.08	72.1	72.1	92.1	46.1	134.2	106.2	106.2	100.2	142.3	84.2	106.2	120.2
Data Used (ug/m3)																	
T-101		169.74	<1.78E+00	37.37	<2.71E-01	<2.39E-01	3.65	<1.20E+00	18.78	9.26	<6.83E-01	<6.83E-01	<6.45E-01	<1.86E+0(	<2.79E-01	<6.83E-01	<1.57E+0(
T-102		29.43	<1.78E+00	23.42	<2.71E-01	<2.39E-01	1.49	<1.20E+00	27.06	<1.76E+0(	<6.84E-01	<6.84E-01	<6.46E-01	<1.86E+0(	<2.80E-01	<6.84E-01	<1.57E+0(
T-103		26.67	16.77	106.65	50.04	1.23	3.38	73.70	33.14	6.13	73.18	56.61	7.596091	12.70798	4.177449	62.6372	<1.60E+0(
T-104		40.75	17.48	54.83	261.44	<2.40E-01	4.20	49.26	33.01	9.77	45.91	22.94	12.85847	6.346837	13.04532	35.19294	<1.58E+0(
T-105		8.11	68.41	8.11	2.17	3.01	<4.68E-01	19.24	17.57	9.19	14.91	2.92	3.310737	8.619921	<2.82E-01	<6.89E-01	<1.58E+0(
T-106		<1.04E+00	14.68	4.35	1.77	<2.39E-01	<4.64E-01	<1.20E+00	62.45	5.07	<6.83E-01	<6.83E-01	<6.45E-01	4.160709	<2.79E-01	<6.83E-01	<1.57E+0(
T-107		6.49	138.38	8.92	14.27	1.40	<4.62E-01	45.58	6.73	11.83	17.66	4.04	7.629288	5.9702	<2.78E-01	<6.81E-01	<1.56E+0(
T-108		8.12	12.36	6.03	1.23	<2.39E-01	<4.64E-01	<1.20E+00	4.85	3.87	<6.83E-01	<6.83E-01	<6.45E-01	<1.86E+0(	<2.79E-01	<6.83E-01	<1.57E+0(
T-109		9.13	4.54	6.49	0.90	<2.38E-01	<4.61E-01	<1.20E+00	<1.49E+00	<1.74E+0(	<6.80E-01	<6.80E-01	<6.41E-01	<1.85E+0(	<2.78E-01	<6.80E-01	<1.56E+0(
T-110		20.82	<1.77E+00	11.01	0.60	<2.38E-01	<4.62E-01	<1.20E+00	<1.50E+00	<1.75E+0(	<6.81E-01	<6.81E-01	<6.42E-01	<1.85E+0(	<2.78E-01	<6.81E-01	<1.56E+0(
T-111		1,296.36	4.85	23.05	<2.69E-01	<2.38E-01	3.13	<1.20E+00	44.57	<1.74E+0(	<6.80E-01	<6.80E-01	<6.41E-01	<1.85E+0(	<2.78E-01	<6.80E-01	<1.56E+0(
T-112		1,359.44	5.57	78.26	126.10	<2.31E-01	<4.49E-01	<1.16E+00	173.07	10.68	<6.61E-01	<6.61E-01	6.423843	<1.80E+0(	19.81413	<6.61E-01	<1.52E+0(
T-113		1,842.14	7.04	96.82	160.06	<2.31E-01	<4.49E-01	<1.16E+00	184.94	12.85	<6.61E-01	<6.61E-01	7.02844	<1.80E+0(	21.4018	<6.61E-01	<1.52E+0(
T-114		<1.10E+00	<1.87E+00	<1.99E+00	<2.85E-01	<2.51E-01	<4.88E-01	<1.27E+00	<1.58E+00	<1.84E+0(	<7.19E-01	<7.19E-01	<6.78E-01	<1.96E+0(	<2.94E-01	<7.19E-01	<1.65E+0(
T-201		32.91	4.25	83.89	8.56	<2.45E-01	289.16	<1.24E+00	23.76	24.89	<7.02E-01	<7.02E-01	<6.62E-01	12.824	<2.87E-01	<7.02E-01	15.21344
T-202		24.92	4.26	22.15	<2.79E-01	<2.46E-01	1.07	<1.24E+00	17.39	<1.80E+0(	<7.03E-01	<7.03E-01	<6.63E-01	<1.91E+0(	7.534365	<7.03E-01	<1.62E+0(
T-203		21.22	46.13	110.57	164.06	38.52	42.55	355.57	15.28	50.28	104.75	93.87	296.2475	<1.89E+0(	190.0238	29.59039	4.436867
T-204		44.48	92.01	38.65	1,024.49	24.26	12.75	1,400.98	<1.54E+00	1,972.46	342.32	276.88	1171.464	96.19914	574.93	169.484	81.11496
T-205		122.43	4.64	19.37	69.06	<2.40E-01	1.47	<1.21E+00	11.76	51.66	<6.86E-01	<6.86E-01	8.114947	<1.87E+0(	13.37475	<6.86E-01	<1.58E+0(
T-206		2,303.99	5.78	59.96	9.11	<2.32E-01	5.86	<1.17E+00	57.26	10.34	<6.62E-01	<6.62E-01	4.050205	<1.80E+0(	5.311952	<6.62E-01	<1.52E+0(
T-207		88.76	6.70	25.44	4.67	<2.40E-01	2.20	<1.21E+00	12.21	4.37	<6.87E-01	<6.87E-01	2.591997	<1.87E+0(	2.739133	<6.87E-01	<1.58E+0(
T-208		1,255.16	6.23	94.44	6.09	<2.32E-01	2.18	<1.17E+00	10.62	5.48	<6.62E-01	<6.62E-01	2.573962	<1.80E+0(	10.33763	<6.62E-01	<1.52E+0(
T-209		21.98	<1.79E+00	11.34	<2.72E-01	<2.40E-01	<4.65E-01	<1.21E+00	<1.51E+00	<1.76E+0(	<6.86E-01	<6.86E-01	<6.47E-01	<1.87E+0(	<2.80E-01	<6.86E-01	<1.58E+0(
T-210		16.67	7.79	8.49	<2.71E-01	<2.39E-01	<4.64E-01	<1.20E+00	4.96	<1.75E+0(	<6.83E-01	<6.83E-01	<6.45E-01	<1.86E+0(	<2.79E-01	<6.83E-01	<1.57E+0(
T-211		12.21	3.81	27.84	<2.71E-01	0.87	2.33	<1.20E+00	<1.50E+00	<1.75E+0(	<6.83E-01	<6.83E-01	<6.45E-01	<1.86E+0(	<2.79E-01	<6.83E-01	<1.57E+0(
T-212		15.22	<1.76E+00	10.76	<2.68E-01	<2.36E-01	<4.59E-01	<1.19E+00	7.06	<1.73E+0(	<6.76E-01	<6.76E-01	<6.38E-01	<1.84E+0(	<2.76E-01	<6.76E-01	<1.55E+0(
T-213		14.26	<1.76E+00	9.88	<2.68E-01	<2.36E-01	<4.59E-01	<1.19E+00	6.81	<1.73E+0(	<6.76E-01	<6.76E-01	<6.38E-01	<1.84E+0(	<2.76E-01	<6.76E-01	<1.55E+0(
T-214		<1.10E+00	<1.87E+00	<1.99E+00	<2.85E-01	<2.51E-01	<4.88E-01	<1.27E+00	<1.58E+00	<1.84E+0(	<7.19E-01	<7.19E-01	<6.78E-01	<1.96E+0(	<2.94E-01	<7.19E-01	<1.65E+0(
T-301		232.23	9.45	106.02	<2.78E-01	51.78	62.52	<1.24E+00	46.44	<1.80E+0(	<7.02E-01	<7.02E-01	<6.62E-01	<1.91E+0(	<2.87E-01	<7.02E-01	<1.61E+0(
T-302		138.68	26.33	160.76	11.12	118.47	134.27	<1.25E+00	34.64	18.12	<7.08E-01	<7.08E-01	<6.68E-01	<1.93E+0(	<2.89E-01	<7.08E-01	<1.63E+0(
T-303		615.00	10.82	157.64	5.68	82.55	116.90	<1.24E+00	82.79	14.00	<7.06E-01	<7.06E-01	<6.66E-01	<1.92E+0(	<2.88E-01	<7.06E-01	<1.62E+0(
T-304		1,463.13	28.45	223.64	4.31	214.58	174.48	6.63	113.48	34.71	<7.01E-01	5.99	<6.61E-01	6.428758	<2.86E-01	<7.01E-01	3.604205
T-305		196.79	1,033.03	147.75	22.21	537.29	282.23	314.31	62.77	376.67	349.69	331.49	12.89506	223.0708	<2.83E-01	137.343	106.764
T-306		162.36	571.26	150.78	33.41	261.50	252.35	336.36	48.38	391.80	373.00	351.28	16.85981	242.4642	<2.82E-01	150.8226	110.7404
T-307		211.24	751.64	187.35	34.23	402.41	340.27	313.26	31.39	398.23	350.31	366.31	17.85433	238.9509	<2.82E-01	142.4898	131.7235
T-308		290.15	913.04	184.39	22.80	409.78	434.53	273.21	25.21	177.52	234.60	253.45	13.29793	62.13113	<2.81E-01	67.30195	38.37025
T-309		36.73	9.07	42.96	4.38	2.39	3.14	<1.19E+00	3.82	21.79	<6.76E-01	<6.76E-01	<6.38E-01	<1.84E+0(	<2.76E-01	<6.76E-01	3.755641
T-310		351.91	1,627.97	724.61	15.66	945.63	692.57	633.18	111.34	<1.75E+0(	968.67	906.84	22.88948	449.4454	<2.79E-01	285.7071	365.2834
T-311		78.33	5.30	94.96	5.45	9.14	6.93	<1.18E+00	30.80	68.32	<6.71E-01	<6.71E-01	<6.33E-01	8.067094	<2.74E-01	<6.71E-01	11.97094
T-312		80.83	669.79	212.54	13.26	246.02	179.34	206.57	24.52	432.23	234.28	211.54	12.2865	244.6113	<2.75E-01	113.0362	171.4148
T-313		94.00	834.67	283.18	14.51	254.09	178.81	189.22	31.36	205.05	139.00	150.76	11.55471	29.31835	<2.75E-01	56.98753	29.80122
T-314		<1.10E+00	<1.87E+00	<1.99E+00	<2.85E-01	<2.51E-01	<4.88E-01	<1.27E+00	<1.58E+00	<1.84E+0(	<7.19E-01	<7.19E-01	<6.78E-01	<1.96E+0(	<2.94E-01	<7.19E-01	<1.65E+0(
T-401		122.59	4.77	67.92	1.92	<2.48E-01	1.87	<1.25E+00	22.59	7.11	<7.08E-01	<7.08E-01	<6.68E-01	<1.93E+0(	<2.89E-01	<7.08E-01	<1.63E+0(
T-402		11.49	4.19	54.13	2.44	<2.44E-01	2.06	<1.23E+00	<1.53E+00	9.55	<6.97E-01	<6.97E-01	2.90848	<1.90E+0(	10.04405	<6.97E-01	<1.60E+0(
T-403		126.94	4.50	52.73	3.11	<2.45E-01	5.02	<1.23E+00	11.13	146.31	<7.01E-01	<7.01E-01	<6.61E-01	252.6559	1.447519	<7.01E-01	<1.61E+0(
T-404		40.35	14.94	173.21	163.86	94.63	142.64	29.53	5.53	17.75	6.18	<7.18E-01	98.76463	9.207031	136.4381	<7.18E-01	<1.65E+0(
T-405		6.69	<1.82E+00	7.31	0.59	<2.44E-01	2.93	<1.23E+00	5.45	<1.79E+0(	<6.98E-01	<6.98E-01	<6.59E-01	<1.90E+0(	<2.85E-01	<6.98E-01	<1.60E+0(
T-406		412.20	<1.80E+00	55.74	1.97	<2.41E-01	8.14	<1.21E+00	14.33	4.22	<6.89E-01	<6.89E-01	<6.50E-01	<1.88E+0(	<2.82E-01	<6.89E-01	<1.58E+0(
T-407		91.90	3.97	46.76	1.04	<2.40E-01	5.25	<1.21E+00	6.13	<1.76E+0(	<6.86E-01	<6.86E-01	<6.47E-01	<1.87E+0(	<2.80E-01	<6.86E-01	<1.58E+0(
T-408		43.63	4.25	15.04	<2.76E-01	<2.43E-01	<4.72E-01	<1.22E+00	<1.53E+00	<1.78E+0(	<6.96E-01	<6.96E-01	<6.56E-01	<1.89E+0(	<2.84E-01	<6.96E-01	<1.60E+0(
T-409		19.69	<1.77E+00	51.98	0.69	<2.38E-01	6.26	<1.20E+00	<1.49E+00	<1.74E+0(	<6.80E-01	<6.80E-01	<6.41E-01	<1.85E+0(	<2.78E-01	<6.80E-01	<1.56E+0(
T-410		20.10	3.84	25.96	<2.71E-01	2.93	11.29	<1.20E+00	<1.50E+00	6.03	<6.84E-01	<6.84E-01	<6.46E-01	<1.86E+0(	<2.80E-01	<6.84E-01	<1.57E+0(
T-411		34.40	6.97	53.14	0.60	<2.37E-01	9.00	<1.19E+00	3.08	<1.74E+0(	<6.77E-01	<6.77E-01	<6.39E-01	<1.84E+0(	<2.77E-01	<6.77E-01	<1.56E+0(
T-412		36.72	58.88	43.69	2.77	1.93	8.47	<1.20E+00	4.58	<1.74E+0(	<6.80E-01	<6.80E-01	<6.41E-01	<1.85E+0(	<2.78E-01	<6.80E-01	<1.56E+0(
T-413		23.79	84.04	48.24	2.06	<2.38E-01	10.01	<1.20E+00	<1.49E+00	4.84	<6.80E-01	<6.80E-01	<6.41E-01	<1.85E+0(	<2.78E-01	<6.80E-01	<1.56E+0(
T-414		<1.10E+00	<1.87E+00	<1.99E+00	<2.85E-01	<2.51E-01	<4.88E-01	<1.27E+00	<1.58E+00	<1.84E+0(	<7.19E-01	<7.19E-01	<6.78E-01	<1.96E+0(	<2.94E-01	<7.19E-01	<1.65E+0(
T-501		23.34	34.41	16.54	<2.78E-01	<2.45E-01	<4.76E-01	<1.23E+00	<1.54E+00	<1.80E+0(	<7.01E-01	<7.01E-01	<6.61E-01	<1.91E+0(	<2.86E-01	<7.01E-01	<1.61E+0(
T-502		295.55	46.96	109.25	25.09	<2.41E-01	8.98	<1.22E+00	53.23	<1.77E+0(	<6.91E-01	<6.91E-01	<6.51E-01	<1.88E+0(	2.919792	<6.91E-01	<1.59E+0(
T-503		189.44	34.28	87.38	27.42	<2.43E-01	7.01	<1.22E+00	12.19	13.85	<6.96E-01	<6.96E-01	4.215631	<1.89E+0(	6.617079	<6.96E-01	<1.60E+0(
T-504		111.11	67.98	57.93	215.53	7.61	3.65	81.99	8.00	289.94	40.66	85.34	117.4932	17.7833	104.659	28.09771	10.22029
T-505		265.93	29.67	82.65	3.55	<2.36E-01	8.84	<1.19E+00	9.98	6.83	<6.76E-01	<6.76E-01	<6.38E-01	<1.84E+0(	<2.76E-01	<6.76E-01	<1.55E+0(
T-506		185.50	28.40	44.76	1.83	<2.38E-01	3.50	<1.20E+00	4.67	<1.75E+0(	<6.81E-01	<6.81E-01	<6.42E-01	<1.85E+0(	<2.78E-01	<6.81E-01	<1.56E+0(
T-507		66.73	26.54	32.82	2.29	<2.45E-01	3.29	<1.23E+00	<1.54E+00	6.12	<7.01E-01	<7.01E-01	<6.61E-01	<1.91E+0(	<2.86E-01	<7.01E-01	<1.61E+0(
T-508		103.08	24.23	38.19	2.14	<2.40E-01	3.13	<1.21E+00	78.64	<1.76E+0(	<6.86E-01	<6.86E-01	<6.47E-01	<1.87E+0(	<2.80E-01	<6.86E-01	<1.58E+0(
T-509		113.88	23.99	45.64	2.62	<2.40E-01	4.32	<1.21E+00	85.04	<1.76E+0(	<6.86E-01	<6.86E-01	<6.47E-01	<1.87E+0(	<2.80E-01	<6.86E-01	<1.58E+0(
T-510		<1.10E+00	<1.87E+00	<1.99E+00	<2.85E-01	<2.51E-01	<4.88E-01	<1.27E+00	<1.58E+00	<1.84E+0(	<7.19E-01	<7.19E-01	<6.78E-01	<1.96E+0(	<2.94E-01	<7.19E-01	<1.65E+0(

Sample ID	Compound	Methanol	Benzene	Acetone	Propylene	Tetrahydrofuran	2-Butanone (MEK)	Toluene	Ethanol	Isopropyltoluene	m,p-Xylenes	Ethylbenzene	n-Heptane	Decane	Cyclohexane	o-Xylene	1,2,4-Trimethylbenzene
	CAS	67-56-1	71-43-2	67-64-1	115-07-1	109-99-9	78-93-3	108-88-3	64-17-5	99-87-6	1330-20-7	100-41-4	142-82-5	124-18-5	110-82-7	95-47-6	95-63-6
	MW	32	78.1	58.1	42.08	72.1	72.1	92.1	46.1	134.2	106.2	106.2	100.2	142.3	84.2	106.2	120.2
Flux (mg/m2-min)																	
T-101		0.0316	<3.31E-04	0.0070	<5.03E-05	<4.44E-05	0.0007	<2.24E-04	0.0035	0.0017	<1.27E-04	<1.27E-04	<1.20E-04	<3.46E-04	<5.19E-05	<1.27E-04	<2.92E-04
T-102		0.0032	<1.94E-04	0.0025	<2.94E-05	<2.60E-05	0.0002	<1.31E-04	0.0029	<1.91E-04	<7.43E-05	<7.43E-05	<7.01E-05	<2.02E-04	<3.03E-05	<7.43E-05	<1.71E-04
T-103		0.0030	0.0019	0.0122	0.0057	0.0001	0.0004	0.0084	0.0038	0.0007	0.0084	0.0065	0.0009	0.0015	0.0005	0.0072	<1.83E-04
T-104		0.0065	0.0028	0.0088	0.0420	<3.85E-05	0.0007	0.0079	0.0053	0.0016	0.0074	0.0037	0.0021	0.0010	0.0021	0.0056	<2.53E-04
T-105		0.0004	0.0031	0.0004	0.0001	0.0001	<2.10E-05	0.0009	0.0008	0.0004	0.0007	0.0001	0.0001	0.0004	<1.27E-05	<3.10E-05	<7.12E-05
T-106		<4.94E-05	0.0007	0.0002	0.0001	<1.13E-05	<2.20E-05	<5.70E-05	0.0030	0.0002	<3.24E-05	<3.24E-05	<3.05E-05	0.0002	<1.32E-05	<3.24E-05	<7.44E-05
T-107		0.0006	0.0126	0.0008	0.0013	0.0001	<4.21E-05	0.0042	0.0006	0.0011	0.0016	0.0004	0.0007	0.0005	<2.53E-05	<6.20E-05	<1.43E-04
T-108		0.0004	0.0006	0.0003	0.0001	<1.21E-05	<2.35E-05	<6.09E-05	0.0002	0.0002	<3.46E-05	<3.46E-05	<3.27E-05	<9.42E-05	<1.41E-05	<3.46E-05	<7.95E-05
T-109		0.0006	0.0003	0.0005	0.0001	<1.69E-05	<3.27E-05	<8.49E-05	<1.06E-04	<1.24E-04	<4.82E-05	<4.82E-05	<4.55E-05	<1.31E-04	<1.97E-05	<4.82E-05	<1.11E-04
T-110		0.0020	<1.69E-04	0.0010	0.0001	<2.26E-05	<4.39E-05	<1.14E-04	<1.42E-04	<1.66E-04	<6.46E-05	<6.46E-05	<6.10E-05	<1.76E-04	<2.64E-05	<6.46E-05	<1.49E-04
T-111		0.5117	0.0019	0.0091	<1.06E-04	<9.38E-05	0.0012	<4.72E-04	0.0176	<6.88E-04	<2.68E-04	<2.68E-04	<2.53E-04	<7.30E-04	<1.10E-04	<2.68E-04	<6.16E-04
T-112		0.2245	0.0009	0.0129	0.0208	<3.82E-05	<7.41E-05	<1.92E-04	0.0286	0.0018	<1.09E-04	<1.09E-04	0.0011	<2.97E-04	0.0033	<1.09E-04	<2.51E-04
T-113		0.1802	0.0007	0.0095	0.0157	<2.26E-05	<4.39E-05	<1.14E-04	0.0181	0.0013	<6.47E-05	<6.47E-05	0.0007	<1.76E-04	0.0021	<6.47E-05	<1.49E-04
T-114		<4.45E-05	<7.61E-05	<8.08E-05	<1.16E-05	<1.02E-05	<1.98E-05	<5.14E-05	<6.41E-05	<7.48E-05	<2.92E-05	<2.92E-05	<2.75E-05	<7.94E-05	<1.19E-05	<2.92E-05	<6.70E-05
T-201		0.0013	0.0002	0.0032	0.0003	<9.44E-06	0.0111	<4.75E-05	0.0009	0.0010	<2.70E-05	<2.70E-05	<2.55E-05	0.0005	<1.10E-05	<2.70E-05	0.0006
T-202		0.0010	0.0002	0.0009	<1.07E-05	<9.46E-06	0.0000	<4.76E-05	0.0007	<6.94E-05	<2.70E-05	<2.70E-05	<2.55E-05	<7.36E-05	0.0003	<2.70E-05	<6.21E-05
T-203		0.0016	0.0034	0.0082	0.0122	0.0029	0.0032	0.0264	0.0011	0.0037	0.0078	0.0070	0.0220	<1.40E-04	0.0141	0.0022	0.0003
T-204		0.0033	0.0068	0.0029	0.0760	0.0018	0.0009	0.1039	<1.14E-04	0.1463	0.0254	0.0205	0.0869	0.0071	0.0426	0.0126	0.0060
T-205		0.0084	0.0003	0.0013	0.0047	<1.65E-05	0.0001	<8.30E-05	0.0008	0.0036	<4.71E-05	<4.71E-05	0.0006	<1.28E-04	0.0009	<4.71E-05	<1.08E-04
T-206		0.0988	0.0002	0.0026	0.0004	<9.93E-06	0.0003	<5.00E-05	0.0025	0.0004	<2.84E-05	<2.84E-05	0.0002	<7.72E-05	0.0002	<2.84E-05	<6.52E-05
T-207		0.0081	0.0006	0.0023	0.0004	<2.19E-05	0.0002	<1.10E-04	0.0011	0.0004	<6.27E-05	<6.27E-05	0.0002	<1.71E-04	0.0003	<6.27E-05	<1.44E-04
T-208		0.0788	0.0004	0.0059	0.0004	<1.45E-05	0.0001	<7.32E-05	0.0007	0.0003	<4.16E-05	<4.16E-05	0.0002	<1.13E-04	0.0006	<4.16E-05	<9.55E-05
T-209		0.0018	<1.49E-04	0.0009	<2.26E-05	<1.99E-05	<3.87E-05	<1.00E-04	<1.25E-04	<1.46E-04	<5.70E-05	<5.70E-05	<5.38E-05	<1.55E-04	<2.33E-05	<5.70E-05	<1.31E-04
T-210		0.0017	0.0008	0.0009	<2.76E-05	<2.43E-05	<4.73E-05	<1.23E-04	0.0005	<1.79E-04	<6.96E-05	<6.96E-05	<6.57E-05	<1.89E-04	<2.84E-05	<6.96E-05	<1.60E-04
T-211		0.0017	0.0005	0.0040	<3.85E-05	0.0001	0.0003	<1.71E-04	<2.14E-04	<2.50E-04	<9.73E-05	<9.73E-05	<9.18E-05	<2.65E-04	<3.97E-05	<9.73E-05	<2.24E-04
T-212		0.0034	<3.97E-04	0.0024	<6.03E-05	<5.33E-05	<1.03E-04	<2.68E-04	0.0016	<3.91E-04	<1.52E-04	<1.52E-04	<1.44E-04	<4.14E-04	<6.22E-05	<1.52E-04	<3.50E-04
T-213		0.0032	<4.00E-04	0.0022	<6.08E-05	<5.36E-05	<1.04E-04	<2.70E-04	0.0015	<3.94E-04	<1.53E-04	<1.53E-04	<1.45E-04	<4.17E-04	<6.27E-05	<1.53E-04	<3.52E-04
T-214		<4.26E-05	<7.28E-05	<7.73E-05	<1.11E-05	<9.76E-06	<1.90E-05	<4.91E-05	<6.13E-05	<7.16E-05	<2.79E-05	<2.79E-05	<2.63E-05	<7.59E-05	<1.14E-05	<2.79E-05	<6.41E-05
T-301		0.0177	0.0007	0.0081	<2.12E-05	0.0040	0.0048	<9.44E-05	0.0035	<1.38E-04	<5.36E-05	<5.36E-05	<5.06E-05	<1.46E-04	<2.19E-05	<5.36E-05	<1.23E-04
T-302		0.0056	0.0011	0.0065	0.0005	0.0048	0.0055	<5.06E-05	0.0014	0.0007	<2.88E-05	<2.88E-05	<2.71E-05	<7.82E-05	<1.17E-05	<2.88E-05	<6.61E-05
T-303		0.0264	0.0005	0.0068	0.0002	0.0035	0.0050	<5.33E-05	0.0036	0.0006	<3.03E-05	<3.03E-05	<2.86E-05	<8.24E-05	<1.24E-05	<3.03E-05	<6.96E-05
T-304		0.0597	0.0012	0.0091	0.0002	0.0087	0.0071	0.0003	0.0046	0.0014	<2.86E-05	0.0002	<2.70E-05	0.0003	<1.17E-05	<2.86E-05	0.0001
T-305		0.0077	0.0402	0.0057	0.0009	0.0209	0.0110	0.0122	0.0024	0.0147	0.0136	0.0129	0.0005	0.0087	<1.10E-05	0.0053	0.0042
T-306		0.0062	0.0220	0.0058	0.0013	0.0101	0.0097	0.0129	0.0019	0.0151	0.0143	0.0135	0.0006	0.0093	<1.08E-05	0.0058	0.0043
T-307		0.0081	0.0289	0.0072	0.0013	0.0155	0.0131	0.0120	0.0012	0.0153	0.0135	0.0141	0.0007	0.0092	<1.08E-05	0.0055	0.0051
T-308		0.0112	0.0351	0.0071	0.0009	0.0158	0.0167	0.0105	0.0010	0.0068	0.0090	0.0097	0.0005	0.0024	<1.08E-05	0.0026	0.0015
T-309		0.0014	0.0003	0.0017	0.0002	0.0001	0.0001	<4.58E-05	0.0001	0.0008	<2.60E-05	<2.60E-05	<2.45E-05	<7.07E-05	<1.06E-05	<2.60E-05	0.0001
T-310		0.0270	0.1247	0.0555	0.0012	0.0725	0.0531	0.0485	0.0085	<1.34E-04	0.0742	0.0695	0.0018	0.0344	<2.13E-05	0.0219	0.0280
T-311		0.0038	0.0003	0.0047	0.0003	0.0004	0.0003	<5.80E-05	0.0015	0.0034	<3.29E-05	<3.29E-05	<3.11E-05	0.0004	<1.34E-05	<3.29E-05	0.0006
T-312		0.0041	0.0344	0.0109	0.0007	0.0126	0.0092	0.0106	0.0013	0.0222	0.0120	0.0109	0.0006	0.0126	<1.41E-05	0.0058	0.0088
T-313		0.0042	0.0370	0.0126	0.0006	0.0113	0.0079	0.0084	0.0014	0.0091	0.0062	0.0067	0.0005	0.0013	<1.22E-05	0.0025	0.0013
T-314		<4.22E-05	<7.21E-05	<7.66E-05	<1.10E-05	<9.67E-06	<1.88E-05	<4.87E-05	<6.07E-05	<7.09E-05	<2.77E-05	<2.77E-05	<2.61E-05	<7.52E-05	<1.13E-05	<2.77E-05	<6.35E-05
T-401		0.0058	0.0002	0.0032	0.0001	<1.16E-05	0.0001	<5.86E-05	0.0011	0.0003	<3.33E-05	<3.33E-05	<3.14E-05	<9.05E-05	<1.36E-05	<3.33E-05	<7.65E-05
T-402		0.0009	0.0003	0.0041	0.0002	<1.85E-05	0.0002	<9.31E-05	<1.16E-04	0.0007	<5.29E-05	<5.29E-05	0.0002	<1.44E-04	0.0008	<5.29E-05	<1.21E-04
T-403		0.0144	0.0005	0.0060	0.0004	<2.78E-05	0.0006	<1.40E-04	0.0013	0.0166	<7.96E-05	<7.96E-05	<7.51E-05	0.0287	0.0002	<7.96E-05	<1.83E-04
T-404		0.0018	0.0007	0.0076	0.0072	0.0042	0.0063	0.0013	0.0002	0.0008	0.0003	<3.15E-05	0.0043	0.0004	0.0060	<3.15E-05	<7.24E-05
T-405		0.0003	<7.00E-05	0.0003	0.0000	<9.39E-06	0.0001	<4.73E-05	0.0002	<6.89E-05	<2.68E-05	<2.68E-05	<2.53E-05	<7.30E-05	<1.10E-05	<2.68E-05	<6.17E-05
T-406		0.0255	<1.11E-04	0.0035	0.0001	<1.49E-05	0.0005	<7.52E-05	0.0009	0.0003	<4.27E-05	<4.27E-05	<4.03E-05	<1.16E-04	<1.74E-05	<4.27E-05	<9.82E-05
T-407		0.0068	0.0003	0.0035	0.0001	<1.79E-05	0.0004	<8.99E-05	0.0005	<1.31E-04	<5.11E-05	<5.11E-05	<4.82E-05	<1.39E-04	<2.09E-05	<5.11E-05	<1.17E-04
T-408		0.0026	0.0003	0.0009	<1.62E-05	<1.43E-05	<2.78E-05	<7.22E-05	<9.01E-05	<1.05E-04	<4.10E-05	<4.10E-05	<3.87E-05	<1.12E-04	<1.67E-05	<4.10E-05	<9.42E-05
T-409		0.0011	<1.01E-04	0.0030	0.0000	<1.35E-05	0.0004	<6.82E-05	<8.50E-05	<9.93E-05	<3.87E-05	<3.87E-05	<3.65E-05	<1.05E-04	<1.58E-05	<3.87E-05	<8.89E-05
T-410		0.0008	0.0002	0.0011	<1.12E-05	0.0001	0.0005	<4.98E-05	<6.22E-05	0.0002	<2.83E-05	<2.83E-05	<2.67E-05	<7.70E-05	<1.16E-05	<2.83E-05	<6.51E-05
T-411		0.0016	0.0003	0.0024	0.0000	<1.08E-05	0.0004	<5.46E-05	0.0001	<7.96E-05	<3.10E-05	<3.10E-05	<2.93E-05	<8.44E-05	<1.27E-05	<3.10E-05	<7.13E-05
T-412		0.0016	0.0025	0.0019	0.0001	0.0001	0.0004	<5.11E-05	0.0002	<7.45E-05	<2.90E-05	<2.90E-05	<2.74E-05	<7.90E-05	<1.19E-05	<2.90E-05	<6.67E-05
T-413		0.0014	0.0049	0.0028	0.0001	<1.38E-05	0.0006	<6.97E-05	<8.69E-05	0.0003	<3.96E-05	<3.96E-05	<3.73E-05	<1.08E-04	<1.62E-05	<3.96E-05	<9.09E-05
T-414		<4.22E-05	<7.21E-05	<7.66E-05	<1.10E-05	<9.67E-06	<1.88E-05	<4.87E-05	<6.07E-05	<7.09E-05	<2.77E-05	<2.77E-05	<2.61E-05	<7.52E-05	<1.13E-05	<2.77E-05	<6.35E-05
T-501		0.0018	0.0027	0.0013	<2.17E-05	<1.91E-05	<3.71E-05	<9.63E-05	<1.20E-04	<1.40E-04	<5.47E-05	<5.47E-05	<5.16E-05	<1.49E-04	<2.23E-05	<5.47E-05	<1.26E-04
T-502		0.0138	0.0022	0.0051	0.0012	<1.13E-05	0.0004	<5.67E-05	0.0025	<8.26E-05	<3.22E-05	<3.22E-05	<3.04E-05	<8.76E-05	0.0001	<3.22E-05	<7.40E-05
T-503		0.0102	0.0018	0.0047	0.0015	<1.31E-05	0.0004	<6.57E-05	0.0007	0.0007	<3.73E-05	<3.73E-05	0.0002	<1.02E-04	0.0004	<3.73E-05	<8.58E-05
T-504		0.0046	0.0028	0.0024	0.0089	0.0003	0.0002	0.0034	0.0003	0.0120	0.0017	0.0035	0.0049	0.0007	0.0043	0.0012	0.0004
T-505		0.0102	0.0011	0.0032	0.0001	<9.09E-06	0.0003	<4.58E-05	0.0004	0.0003	<2.60E-05	<2.60E-05	<2.45E-05	<7.07E-05	<1.06E-05	<2.60E-05	<5.97E-05
T-506		0.0094	0.0014	0.0023	0.0001	<1.21E-05	0.0002	<6.10E-05	0.0002	<8.89E-05	<3.47E-05	<3.47E-05	<3.27E-05	<9.43E-05	<1.42E-05	<3.47E-05	<7.97E-05
T-507		0.0026	0.0010	0.0013	0.0001	<9.52E-06	0.0001	<4.79E-05	<5.98E-05	0.0002	<2.72E-05	<2.72E-05	<2.57E-05	<7.40E-05	<1.11E-05	<2.72E-05	<6.25E-05
T-508		0.0041	0.0010	0.0015	0.0001	<9.50E-06	0.0001	<4.78E-05	0.0031	<6.97E-05	<2.72E-05	<2.72E-05	<2.56E-05	<7.39E-05	<1.11E-05	<2.72E-05	<6.24E-05
T-509		0.0045	0.0009	0.0018	0.0001	<9.43E-06	0.0002	<4.75E-05	0.0033	<6.92E-05	<2.70E-05	<2.70E-05	<2.54E-05	<7.33E-05	<1.10E-05	<2.70E-05	<6.20E-05
T-510		<4.25E-05	<7.27E-05	<7.72E-05	<1.10E-05	<9.75E-06	<1.89E-05	<4.91E-05	<6.12E-05	<7.15E-05	<2.79E-05	<2.79E-05	<2.63E-05	<7.58E-05	<1.14E-05	<2.79E-05	<6.41E-05

Sample ID	Compound	Nonane	Octane	Naphthalene	4-Ethyltoluene	2-propanol (isopropylalcohol)	1,3,5-Trimethylbenzene	Chloromethane	Chloroform	Hexachlorobutadiene	Acrolein	Isopropylbenzene	Hexane	Styrene	Carbon disulfide	Chloroethane	4-Methyl-2-pentanone (MIBK)	n-Propylbenzene
	CAS	111-84-2	111-65-9	91-20-3	622-96-8	67-63-0	108-67-8	74-87-3	67-66-3	87-68-3	107-02-8	98-82-8	110-54-3	100-42-5	75-15-0	75-00-3	108-10-1	103-65-1
	MW	128.3	114.2	128.2	120.2	60.1	120.2	50.5	119.4	260.8	56.1	120.2	86.2	104.2	76.1	64.5	100.2	120.2
Lab Data (ppbv)																		
T-101		ND	ND	ND	ND	1.2	ND	ND	0.33	ND	1.4	ND	ND	ND	ND	ND	ND	ND
T-102		ND	ND	ND	ND	1.06	ND	ND	ND	ND	1.28	ND	0.7	ND	ND	ND	ND	ND
T-103		7.38	4.07	ND	3.99	ND	1.84	ND	0.32	ND	ND	ND	1.3	ND	0.95	0.86	ND	ND
T-104		2.76	2.2	ND	2.21	ND	1.59	ND	4.87	ND	ND	0.83	3.14	ND	ND	ND	ND	ND
T-105		1.25	1.26	ND	0.9	ND	ND	ND	ND	ND	ND	ND	0.67	ND	0.38	ND	ND	ND
T-106		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.47	ND	ND	ND	ND	ND
T-107		1.26	ND	ND	0.72	ND	ND	ND	ND	ND	ND	ND	0.88	ND	ND	ND	ND	ND
T-108		ND	ND	ND	ND	ND	ND	ND	ND	ND	0.91	ND	ND	ND	ND	ND	ND	ND
T-109		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-110		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-111		ND	ND	ND	ND	ND	ND	ND	ND	ND	0.75	ND	ND	ND	ND	ND	ND	ND
T-112		ND	ND	ND	ND	ND	ND	ND	0.23	ND	ND	ND	0.72	ND	1.74	1.43	ND	ND
T-113		ND	ND	ND	ND	ND	ND	ND	0.3	ND	ND	ND	0.83	ND	2	1.67	ND	ND
T-114		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.72	ND	ND	ND
T-201		ND	ND	ND	ND	ND	1.77	5.15	ND	ND	0.74	ND	ND	ND	ND	ND	ND	ND
T-202		ND	ND	ND	ND	ND	ND	ND	4.74	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-203		9.45	21.61	ND	2.53	ND	2.72	0.85	ND	ND	ND	ND	10.54	ND	1.73	4.92	ND	ND
T-204		32.64	43.03	22.21	40.91	ND	14.74	11.72	3.2	ND	ND	11.34	42.56	13.74	6.5	38.65	ND	ND
T-205		ND	ND	26.91	ND	ND	ND	ND	0.88	ND	ND	ND	0.58	ND	1.75	1.67	ND	ND
T-206		ND	ND	21.47	ND	ND	ND	0.97	19.12	ND	2.44	ND	ND	ND	1.61	ND	ND	ND
T-207		ND	ND	12.51	ND	ND	ND	ND	0.62	ND	1.01	ND	0.52	ND	1.76	ND	ND	ND
T-208		ND	ND	9.9	ND	ND	ND	ND	0.89	ND	1.23	ND	0.34	ND	ND	ND	ND	ND
T-209		ND	ND	ND	ND	ND	ND	ND	ND	ND	0.54	ND	ND	ND	ND	ND	ND	ND
T-210		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-211		ND	ND	ND	ND	ND	ND	ND	ND	ND	0.82	ND	ND	ND	ND	ND	ND	ND
T-212		ND	ND	ND	ND	ND	ND	ND	ND	ND	0.38	ND	ND	ND	ND	ND	ND	ND
T-213		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-214		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-301		ND	ND	ND	ND	5.9	ND	ND	ND	ND	0.81	ND	ND	ND	ND	ND	ND	ND
T-302		ND	ND	ND	ND	3.38	ND	ND	ND	ND	1.43	ND	ND	ND	0.37	ND	2.03	ND
T-303		ND	ND	ND	ND	12.88	ND	0.71	ND	ND	1.9	ND	ND	ND	ND	ND	0.98	ND
T-304		0.48	0.5	ND	0.89	24.02	0.96	ND	ND	ND	1.65	ND	ND	ND	ND	ND	2.3	ND
T-305		26.4	13.3	ND	7.01	8.2	8.9	14.77	ND	ND	1.77	11.23	ND	8.76	3.45	ND	7.89	8.84
T-306		30.69	16.04	ND	13.94	6.38	9.91	14.35	ND	ND	1.64	9.72	ND	9.56	2.06	ND	9.45	9.18
T-307		26.84	16.55	ND	14.87	9.31	10.02	10.58	ND	ND	1.61	9.7	ND	6.61	1.23	ND	9.63	9.77
T-308		12.31	9.84	ND	4.59	8.8	2.82	6.98	ND	ND	ND	3.19	ND	3.76	2.7	ND	11.11	3.69
T-309		ND	ND	ND	ND	1.99	ND	2.46	ND	ND	2.35	ND	ND	ND	ND	ND	ND	ND
T-310		34.81	23.94	ND	41.31	26.37	42.59	6.87	ND	105.91	ND	23.21	ND	24.09	1.57	ND	10.21	23.64
T-311		ND	ND	2.53	ND	2.65	0.87	1.27	ND	ND	2.07	ND	ND	ND	23.84	0.84	ND	ND
T-312		18.08	14.5	20.94	15.11	6.32	16.36	1.83	ND	ND	ND	9.85	ND	4.49	0.8	ND	5.87	7.38
T-313		5.3	8.56	33.78	11.67	6.16	4.24	4.43	ND	ND	ND	4.35	ND	0.84	0.79	ND	3.93	2.53
T-314		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-401		ND	ND	ND	ND	ND	ND	12.6	ND	ND	2.29	ND	ND	ND	ND	ND	ND	ND
T-402		ND	ND	ND	ND	ND	ND	ND	0.26	ND	ND	ND	ND	ND	11.27	ND	ND	ND
T-403		0.77	ND	ND	ND	ND	ND	ND	ND	ND	1.55	ND	ND	ND	0.42	ND	ND	ND
T-404		0.85	9.35	ND	ND	1.16	ND	6.8	ND	ND	ND	ND	12.54	ND	1.34	17.32	1.3	ND
T-405		ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	ND	ND	ND	ND	ND	ND	ND
T-406		ND	ND	ND	ND	ND	ND	ND	ND	ND	1.93	ND	ND	ND	ND	ND	ND	ND
T-407		ND	ND	ND	ND	ND	ND	ND	ND	ND	1.76	ND	ND	ND	ND	ND	ND	ND
T-408		ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND
T-409		ND	ND	ND	ND	ND	ND	ND	ND	ND	6.22	ND	ND	ND	ND	ND	ND	ND
T-410		ND	ND	ND	ND	ND	ND	ND	ND	ND	0.88	ND	ND	ND	ND	ND	ND	ND
T-411		ND	ND	ND	ND	ND	ND	ND	ND	ND	3.31	ND	ND	ND	ND	ND	0.39	ND
T-412		ND	ND	9.39	ND	ND	ND	ND	ND	ND	5.42	ND	ND	ND	ND	ND	ND	ND
T-413		ND	ND	18.47	ND	ND	ND	ND	ND	ND	6.78	ND	ND	ND	ND	ND	ND	ND
T-414		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-501		ND	ND	2.26	ND	ND	ND	ND	ND	ND	2.03	ND	ND	ND	ND	ND	ND	ND
T-502		ND	ND	ND	ND	2.78	ND	3.06	46.04	ND	6.72	ND	0.36	ND	ND	ND	ND	ND
T-503		ND	ND	ND	ND	1.62	ND	6.7	0.3	ND	4.5	ND	ND	ND	0.46	ND	ND	ND
T-504		6.8	8.55	ND	3.04	1.46	2.04	6.27	26.56	ND	2.86	ND	3.27	ND	ND	1.98	ND	ND
T-505		ND	ND	ND	ND	1.57	ND	0.99	ND	ND	4.89	ND	0.44	ND	ND	ND	ND	ND
T-506		ND	ND	ND	ND	ND	ND	1.6	ND	ND	7.35	ND	ND	ND	0.58	ND	ND	ND
T-507		ND	ND	ND	ND	ND	ND	ND	ND	ND	2.57	ND	ND	ND	ND	ND	ND	ND
T-508		ND	ND	ND	ND	ND	ND	ND	ND	ND	3.57	ND	ND	ND	ND	ND	ND	ND
T-509		ND	ND	ND	ND	0.8	ND	ND	ND	ND	5.03	ND	ND	ND	0.83	ND	ND	ND
T-510		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Sample ID	Compound	Nonane	Octane	Naphthalene	4-Ethyltoluene	2-propanol (isopropylalcohol)	1,3,5-Trimethylbenzene	Chloromethane	Chloroform	Hexachlorobutadiene	Acrolein	Isopropylbenzene	Hexane	Styrene	Carbon disulfide	Chloroethane	4-Methyl-2-pentanone (MIBK)	n-Propylbenzene
	CAS	111-84-2	111-65-9	91-20-3	622-96-8	67-63-0	108-67-8	74-87-3	67-66-3	87-68-3	107-02-8	98-82-8	110-54-3	100-42-5	75-15-0	75-00-3	108-10-1	103-65-1
	MW	128.3	114.2	128.2	120.2	60.1	120.2	50.5	119.4	260.8	56.1	120.2	86.2	104.2	76.1	64.5	100.2	120.2
MDL (ppbv)																		
T-101		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-102		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-103		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-104		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-105		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-106		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-107		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-108		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-109		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-110		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-111		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-112		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-113		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-114		0.33	0.33	1.67	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-201		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-202		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-203		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-204		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-205		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-206		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-207		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-208		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-209		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-210		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-211		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-212		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-213		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-214		0.33	0.33	1.67	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-301		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-302		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-303		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-304		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-305		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-306		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-307		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-308		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-309		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-310		0.33	0.33	1	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-311		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-312		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-313		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-314		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-401		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-402		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-403		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-404		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-405		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-406		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-407		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-408		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-409		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-410		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-411		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-412		0.33	0.33	0.03	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-413		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-414		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-501		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-502		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-503		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-504		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-505		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-506		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-507		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-508		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-509		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67
T-510		0.33	0.33	0.33	0.67	0.67	0.67	0.5	0.17	0.83	0.33	0.67	0.33	0.5	0.33	0.33	0.33	0.67

Sample ID	Compound	Nonane	Octane	Naphthalene	4-Ethyltoluene	2-propanol (isopropylalcohol)	1,3,5-Trimethylbenzene	Chloromethane	Chloroform	Hexachlorobutadiene	Acrolein	Isopropylbenzene	Hexane	Styrene	Carbon disulfide	Chloroethane	4-Methyl-2-pentanone (MIBK)	n-Propylbenzene
	CAS	111-84-2	111-65-9	91-20-3	622-96-8	67-63-0	108-67-8	74-87-3	67-66-3	87-68-3	107-02-8	98-82-8	110-54-3	100-42-5	75-15-0	75-00-3	108-10-1	103-65-1
	MW	128.3	114.2	128.2	120.2	60.1	120.2	50.5	119.4	260.8	56.1	120.2	86.2	104.2	76.1	64.5	100.2	120.2
Data Used (ug/m3)																		
T-101		<8.25E-01	<7.35E-01	<8.25E-01	<1.57E+0(	2.811622	<1.57E+0(	<4.92E-01	1.5361	<4.22E+0(	3.061908	<1.57E+0(	<5.54E-01	<1.02E+0(	<4.90E-01	<4.15E-01	<6.45E-01	<1.57E+0(
T-102		<8.27E-01	<7.36E-01	<8.26E-01	<1.57E+0(	2.488021	<1.57E+0(	<4.93E-01	<3.96E-01	<4.23E+0(	2.804442	<1.57E+0(	2.356563	<1.02E+0(	<4.90E-01	<4.16E-01	<6.46E-01	<1.57E+0(
T-103		37.58132	18.44801	<8.40E-01	19.03559	<7.99E-01	8.778318	<5.01E-01	1.516503	<4.30E+0(	<3.67E-01	<1.60E+0(	4.447743	<1.03E+0(	2.869441	2.201645	<6.56E-01	<1.60E+0(
T-104		13.85426	9.829613	<8.28E-01	10.39308	<7.88E-01	7.477376	<4.94E-01	22.74997	<4.23E+0(	<3.62E-01	3.903284	10.58972	<1.02E+0(	<4.91E-01	<4.16E-01	<6.47E-01	<1.58E+0(
T-105		6.308329	5.659972	<8.32E-01	4.255246	<7.92E-01	<1.58E+0(	<4.97E-01	<3.99E-01	<4.26E+0(	<3.64E-01	<1.58E+0(	2.271746	<1.02E+0(	1.137486	<4.19E-01	<6.50E-01	<1.58E+0(
T-106		<8.25E-01	<7.35E-01	<8.25E-01	<1.57E+0(	<7.85E-01	<1.57E+0(	<4.92E-01	<3.96E-01	<4.22E+0(	<3.61E-01	<1.57E+0(	1.579452	<1.02E+0(	<4.90E-01	<4.15E-01	<6.45E-01	<1.57E+0(
T-107		6.279968	<7.32E-01	<8.22E-01	3.361996	<7.82E-01	<1.56E+0(	<4.90E-01	<3.94E-01	<4.20E+0(	<3.60E-01	<1.56E+0(	2.946797	<1.01E+0(	<4.88E-01	<4.13E-01	<6.42E-01	<1.56E+0(
T-108		<8.25E-01	<7.35E-01	<8.25E-01	<1.57E+0(	<7.85E-01	<1.57E+0(	<4.92E-01	<3.96E-01	<4.22E+0(	1.99024	<1.57E+0(	<5.54E-01	<1.02E+0(	<4.90E-01	<4.15E-01	<6.45E-01	<1.57E+0(
T-109		<8.21E-01	<7.31E-01	<8.20E-01	<1.56E+0(	<7.81E-01	<1.56E+0(	<4.90E-01	<3.94E-01	<4.20E+0(	<3.59E-01	<1.56E+0(	<5.52E-01	<1.01E+0(	<4.87E-01	<4.13E-01	<6.41E-01	<1.56E+0(
T-110		<8.22E-01	<7.32E-01	<8.22E-01	<1.56E+0(	<7.82E-01	<1.56E+0(	<4.90E-01	<3.94E-01	<4.20E+0(	<3.60E-01	<1.56E+0(	<5.53E-01	<1.01E+0(	<4.88E-01	<4.13E-01	<6.42E-01	<1.56E+0(
T-111		<8.21E-01	<7.31E-01	<8.20E-01	<1.56E+0(	<7.81E-01	<1.56E+0(	<4.90E-01	<3.94E-01	<4.20E+0(	1.631608	<1.56E+0(	<5.52E-01	<1.01E+0(	<4.87E-01	<4.13E-01	<6.41E-01	<1.56E+0(
T-112		<7.98E-01	<7.11E-01	<7.98E-01	<1.52E+0(	<7.59E-01	<1.52E+0(	<4.76E-01	1.035644	<4.08E+0(	<3.49E-01	<1.52E+0(	2.340551	<9.82E-01	4.993582	3.478356	<6.23E-01	<1.52E+0(
T-113		<7.98E-01	<7.11E-01	<7.98E-01	<1.52E+0(	<7.59E-01	<1.52E+0(	<4.76E-01	1.35084	<4.08E+0(	<3.49E-01	<1.52E+0(	2.698135	<9.82E-01	5.739749	4.062136	<6.23E-01	<1.52E+0(
T-114		<8.69E-01	<7.73E-01	<4.39E+0(	<1.65E+0(	<8.26E-01	<1.65E+0(	<5.18E-01	<4.16E-01	<4.44E+0(	<3.80E-01	<1.65E+0(	<5.84E-01	<1.07E+0(	2.247948	<4.37E-01	<6.78E-01	<1.65E+0(
T-201		<8.48E-01	<7.55E-01	<8.47E-01	<1.61E+0(	<8.06E-01	8.521454	10.41681	<4.06E-01	<4.34E+0(	1.662764	<1.61E+0(	<5.70E-01	<1.04E+0(	<5.03E-01	<4.26E-01	<6.62E-01	<1.61E+0(
T-202		<8.49E-01	<7.56E-01	<8.49E-01	<1.62E+0(	<8.08E-01	<1.62E+0(	<5.07E-01	22.70975	<4.34E+0(	<3.71E-01	<1.62E+0(	<5.71E-01	<1.05E+0(	<5.04E-01	<4.27E-01	<6.63E-01	<1.62E+0(
T-203		48.12243	97.95123	<8.40E-01	12.07019	<7.99E-01	12.97664	1.703724	<4.03E-01	<4.30E+0(	<3.67E-01	<1.60E+0(	36.06093	<1.03E+0(	5.225403	12.59545	<6.56E-01	<1.60E+0(
T-204		167.1205	196.1058	113.6291	196.2397	<8.03E-01	70.70577	23.61956	15.2478	<4.32E+0(	<3.69E-01	54.39643	146.407	57.13567	19.74017	99.48603	<6.60E-01	<1.61E+0(
T-205		<8.28E-01	<7.37E-01	134.9738	<1.58E+0(	<7.88E-01	<1.58E+0(	<4.94E-01	4.110878	<4.23E+0(	<3.62E-01	<1.58E+0(	1.956063	<1.02E+0(	5.210391	4.214284	<6.47E-01	<1.58E+0(
T-206		<8.00E-01	<7.12E-01	103.979	<1.52E+0(	<7.61E-01	<1.52E+0(	1.850498	86.24179	<4.09E+0(	5.171044	<1.52E+0(	<5.37E-01	<9.84E-01	4.628455	<4.02E-01	<6.25E-01	<1.52E+0(
T-207		<8.30E-01	<7.39E-01	62.85911	<1.58E+0(	<7.89E-01	<1.58E+0(	<4.95E-01	2.901476	<4.24E+0(	2.220788	<1.58E+0(	1.756845	<1.02E+0(	5.249528	<4.17E-01	<6.48E-01	<1.58E+0(
T-208		<8.00E-01	<7.12E-01	47.9456	<1.52E+0(	<7.61E-01	<1.52E+0(	<4.77E-01	4.014393	<4.09E+0(	2.606715	<1.52E+0(	1.107163	<9.84E-01	<4.74E-01	<4.02E-01	<6.25E-01	<1.52E+0(
T-209		<8.28E-01	<7.37E-01	<8.28E-01	<1.58E+0(	<7.88E-01	<1.58E+0(	<4.94E-01	<3.97E-01	<4.23E+0(	1.185234	<1.58E+0(	<5.56E-01	<1.02E+0(	<4.91E-01	<4.16E-01	<6.47E-01	<1.58E+0(
T-210		<8.25E-01	<7.35E-01	<8.25E-01	<1.57E+0(	<7.85E-01	<1.57E+0(	<4.92E-01	<3.96E-01	<4.22E+0(	<3.61E-01	<1.57E+0(	<5.54E-01	<1.02E+0(	<4.90E-01	<4.15E-01	<6.45E-01	<1.57E+0(
T-211		<8.25E-01	<7.35E-01	<8.25E-01	<1.57E+0(	<7.85E-01	<1.57E+0(	<4.92E-01	<3.96E-01	<4.22E+0(	1.793403	<1.57E+0(	<5.54E-01	<1.02E+0(	<4.90E-01	<4.15E-01	<6.45E-01	<1.57E+0(
T-212		<8.17E-01	<7.27E-01	<8.16E-01	<1.55E+0(	<7.77E-01	<1.55E+0(	<4.87E-01	<3.91E-01	<4.17E+0(	0.82232	<1.55E+0(	<5.49E-01	<1.00E+0(	<4.84E-01	<4.11E-01	<6.38E-01	<1.55E+0(
T-213		<8.17E-01	<7.27E-01	<8.16E-01	<1.55E+0(	<7.77E-01	<1.55E+0(	<4.87E-01	<3.91E-01	<4.17E+0(	<3.57E-01	<1.55E+0(	<5.49E-01	<1.00E+0(	<4.84E-01	<4.11E-01	<6.38E-01	<1.55E+0(
T-214		<8.69E-01	<7.73E-01	<4.39E+0(	<1.65E+0(	<8.26E-01	<1.65E+0(	<5.18E-01	<4.16E-01	<4.44E+0(	<3.80E-01	<1.65E+0(	<5.84E-01	<1.07E+0(	<5.15E-01	<4.37E-01	<6.78E-01	<1.65E+0(
T-301		<8.48E-01	<7.55E-01	<8.47E-01	<1.61E+0(	14.20242	<1.61E+0(	<5.06E-01	<4.06E-01	<4.34E+0(	1.820052	<1.61E+0(	<5.70E-01	<1.04E+0(	<5.03E-01	<4.26E-01	<6.62E-01	<1.61E+0(
T-302		<8.56E-01	<7.62E-01	<8.55E-01	<1.63E+0(	8.211269	<1.63E+0(	<5.10E-01	<4.10E-01	<4.37E+0(	3.242784	<1.63E+0(	<5.75E-01	<1.05E+0(	1.138166	<4.30E-01	8.222102	<1.63E+0(
T-303		<8.53E-01	<7.59E-01	<8.52E-01	<1.62E+0(	31.17538	<1.62E+0(	1.444013	<4.09E-01	<4.36E+0(	4.292773	<1.62E+0(	<5.73E-01	<1.05E+0(	<5.06E-01	<4.29E-01	3.954716	<1.62E+0(
T-304		2.462134	2.282863	<8.46E-01	4.27699	57.71533	4.613382	<5.05E-01	<4.06E-01	<4.33E+0(	3.700757	<1.61E+0(	<5.69E-01	<1.04E+0(	<5.02E-01	<4.25E-01	9.21381	<1.61E+0(
T-305		133.7114	59.95919	<8.35E-01	33.26293	19.45478	42.23111	29.44488	<4.01E-01	<4.27E+0(	3.919892	53.28711	<5.61E-01	36.03378	10.36434	<4.20E-01	31.20921	41.9464
T-306		155.1603	72.18178	<8.34E-01	66.02742	15.10958	46.93915	28.5562	<4.00E-01	<4.26E+0(	3.625466	46.03921	<5.60E-01	39.25389	6.177446	<4.19E-01	37.3127	43.48147
T-307		135.4524	74.34329	<8.32E-01	70.30611	22.00908	47.37507	21.01622	<3.99E-01	<4.26E+0(	3.552764	45.86209	<5.59E-01	27.09236	3.681861	<4.19E-01	37.95523	46.19305
T-308		62.01322	44.12257	<8.31E-01	21.66291	20.76619	13.30924	13.84033	<3.98E-01	<4.25E+0(	<3.63E-01	15.05548	<5.58E-01	15.3835	8.067668	<4.18E-01	43.71006	17.41528
T-309		<8.17E-01	<7.27E-01	<8.16E-01	<1.55E+0(	4.613411	<1.55E+0(	4.792047	<3.91E-01	<4.17E+0(	5.085403	<1.55E+0(	<5.49E-01	<1.00E+0(	<4.84E-01	<4.11E-01	<6.38E-01	<1.55E+0(
T-310		173.8044	106.3948	<2.49E+0(	193.2367	61.67577	199.2242	13.50138	<3.95E-01	1074.916	<3.60E-01	108.5699	<5.54E-01	97.6865	4.649586	<4.14E-01	39.81287	110.5814
T-311		<8.11E-01	<7.22E-01	12.42393	<1.54E+0(	6.100576	4.005661	2.456663	<3.89E-01	<4.15E+0(	4.448194	<1.54E+0(	<5.45E-01	<9.98E-01	69.49306	2.075341	<6.33E-01	<1.54E+0(
T-312		89.16511	63.65082	103.1893	69.81341	14.60029	75.58884	3.552322	<3.90E-01	<4.16E+0(	<3.56E-01	45.51039	<5.47E-01	17.9839	2.340155	<4.09E-01	22.60871	34.09814
T-313		26.138	37.57593	166.4629	53.91942	14.23066	19.59026	8.599338	<3.90E-01	<4.16E+0(	<3.56E-01	20.0985	<5.47E-01	3.364472	2.310903	<4.09E-01	15.13666	11.68947
T-314		<8.69E-01	<7.73E-01	<8.68E-01	<1.65E+0(	<8.26E-01	<1.65E+0(	<5.18E-01	<4.16E-01	<4.44E+0(	<3.80E-01	<1.65E+0(	<5.84E-01	<1.07E+0(	<5.15E-01	<4.37E-01	<6.78E-01	<1.65E+0(
T-401		<8.56E-01	<7.62E-01	<8.55E-01	<1.63E+0(	<8.14E-01	<1.63E+0(	25.7206	<4.10E-01	<4.37E+0(	5.19299	<1.63E+0(	<5.75E-01	<1.05E+0(	<5.08E-01	<4.30E-01	<6.68E-01	<1.63E+0(
T-402		<8.42E-01	<7.49E-01	<8.41E-01	<1.60E+0(	<8.01E-01	<1.60E+0(	<5.02E-01	1.234392	<4.30E+0(	<3.68E-01	<1.60E+0(	<5.66E-01	<1.04E+0(	34.10234	<4.23E-01	<6.57E-01	<1.60E+0(
T-403		3.949673	<7.53E-01	<8.46E-01	<1.61E+0(	<8.05E-01	<1.61E+0(	<5.05E-01	<4.06E-01	<4.33E+0(	3.476468	<1.61E+0(	<5.69E-01	<1.04E+0(	1.277843	<4.25E-01	<6.61E-01	<1.61E+0(
T-404		4.46584	43.72555	<8.66E-01	<1.65E+0(	2.854895	<1.65E+0(	14.06235	<4.16E-01	<4.43E+0(	<3.79E-01	<1.65E+0(	44.2652	<1.07E+0(	4.175871	45.74727	5.334192	<1.65E+0(
T-405		<8.43E-01	<7.51E-01	<8.43E-01	<1.60E+0(	<8.02E-01	<1.60E+0(	<5.03E-01	<4.04E-01	<4.31E+0(	1.340842	<1.60E+0(	<5.67E-01	<1.04E+0(	<5.00E-01	<4.24E-01	<6.59E-01	<1.60E+0(
T-406		<8.33E-01	<7.41E-01	<8.32E-01	<1.58E+0(	<7.92E-01	<1.58E+0(	<4.97E-01	<3.99E-01	<4.26E+0(	4.258904	<1.58E+0(	<5.59E-01	<1.02E+0(	<4.94E-01	<4.19E-01	<6.50E-01	<1.58E+0(
T-407		<8.28E-01	<7.37E-01	<8.28E-01	<1.58E+0(	<7.88E-01	<1.58E+0(	<4.94E-01	<3.97E-01	<4.23E+0(	3.862986	<1.58E+0(	<5.56E-01	<1.02E+0(	<4.91E-01	<4.16E-01	<6.47E-01	<1.58E+0(
T-408		<8.40E-01	<7.48E-01	<8.40E-01	<1.60E+0(	<7.99E-01	<1.60E+0(	<5.01E-01	<4.03E-01	<4.30E+0(	2.449315	<1.60E+0(	<5.65E-01	<1.03E+0(	<4.98E-01	<4.22E-01	<6.56E-01	<1.60E+0(
T-409		<8.21E-01	<7.31E-01	<8.20E-01	<1.56E+0(	<7.81E-01	<1.56E+0(	<4.90E-01	<3.94E-01	<4.20E+0(	13.53147	<1.56E+0(	<5.52E-01	<1.01E+0(	<4.87E-01	<4.13E-01	<6.41E-01	<1.56E+0(
T-410		<8.27E-01	<7.36E-01	<8.26E-01	<1.57E+0(	<7.86E-01	<1.57E+0(	<4.93E-01	<3.96E-01	<4.23E+0(	1.928054	<1.57E+0(	<5.55E-01	<1.02E+0(	<4.90E-01	<4.16E-01	<6.46E-01	<1.57E+0(
T-411		<8.18E-01	<7.28E-01	<8.17E-01	<1.56E+0(	<7.78E-01	<1.56E+0(	<4.88E-01	<3.92E-01	<4.18E+0(	7.175462	<1.56E+0(	<5.50E-01	<1.01E+0(	<4.85E-01	<4.11E-01	1.51005	<1.56E+0(
T-412		<8.21E-01	<7.31E-01	46.68156	<1.56E+0(	<7.81E-01	<1.56E+0(	<4.90E-01	<3.94E-01	<4.20E+0(	11.79109	<1.56E+0(	<5.52E-01	<1.01E+0(	<4.87E-01	<4.13E-01	<6.41E-01	<1.56E+0(
T-413		<8.21E-01	<7.31E-01	91.82199	<1.56E+0(	<7.81E-01	<1.56E+0(	<4.90E-01	<3.94E-01	<4.20E+0(	14.74974	<1.56E+0(	<5.52E-01	<1.01E+0(	<4.87E-01	<4.13E-01	<6.41E-01	<1.56E+0(
T-414		<8.69E-01	<7.73E-01	<8.68E-01	<1.65E+0(	<8.26E-01	<1.65E+0(	<5.18E-01	<4.16E-01	<4.44E+0(	<3.80E-01	<1.65E+0(	<5.84E-01	<1.07E+0(	<5.15E-01	<4.37E-01	<6.78E-01	<1.65E+0(
T-501		<8.46E-01	<7.53E-01	11.58351	<1.61E+0(	<8.05E-01	<1.61E+0(	<5.05E-01	<4.06E-01	<4.33E+0(	4.553052	<1.61E+0(	<5.69E-01	<1.04E+0(	<5.02E-01	<4.25E-01	<6.61E-01	<1.61E+0(
T-502		<8.34E-01	<7.43E-01	<8.34E-01	<1.59E+0(	6.583796	<1.59E+0(	6.089336	216.6191	<4.26E+0(	14.85557	<1.59E+0(	1.222832	<1.03E+0(	<4.95E-01	<4.19E-01	<6.51E-01	<1.59E+0(
T-503		<8.40E-01	<7.48E-01	<8.40E-01	<1.60E+0(	3.864368	<1.60E+0(	13.42936	1.421722	<4.30E+0(	10.01992	<1.60E+0(	<5.65E-01	<1.03E+0(	1.389414	<4.22E-01	<6.56E-01	<1.60E+0(
T-504		34.50292	38.61468	<8.37E-01	14.45101	3.470145	9.697391	12.52216	125.4159	<4.28E+0(	6.345256	<1.59E+0(	11.14744	<1.03E+0(	<4.97E-01	5.050625	<6.54E-01	<1.59E+0(
T-505		<8.17E-01	<7.27E-01	<8.16E-01	<1.55E+0(	3.639726	<1.55E+0(	1.928507	<3.91E-01	<4.17E+0(	10.58197	<1.55E+0(	1.463034	<1.00E+0(	<4.84E-01	<4.11E-01	<6.38E-01	<1.55E+0(
T-506		<8.22E-01	<7.32E-01	<8.22E-01	<1.56E+0(	<7.82E-01	<1.56E+0(	3.138857	<3.94E-01	<4.20E+0(	16.01808	<1.56E+0(	<5.53E-01	<1.01E+0(	1.71464	<4.13E-01	<6.42E-01	<1.56E+0(
T-507		<8.46E-01	<7.53E-01	<8.46E-01	<1.61E+0(	<8.05E-01	<1.61E+0(	<5.05E-01	<4.06E-01	<4.33E+0(	5.764209	<1.61E+0(	<5.69E-01	<1.04E+0(	<5.02E-01	<4.25E-01	<6.61E-01	<1.61E+0(
T-508		<8.28E-01	<7.37E-01	<8.28E-01	<1.58E+0(	<7.88E-01	<1.58E+0(	<4.94E-01	<3.97E-01	<4.23E+0(	7.835716	<1.58E+0(	<5.56E-01	<1.02E+0(	<4.91E-01	<4.16E-01	<6.47E-01	<1.58E+0(
T-509		<8.28E-01	<7.37E-01	<8.28E-01	<1.58E+0(	1.881101	<1.58E+0(	<4.94E-01	<3.97E-01	<4.23E+0(	11.04024	<1.58E+0(	<5.56E-01	<1.02E+0(	2.471214	<4.16E-01	<6.47E-01	<1.58E+0(
T-510		<8.69E-01	<7.73E-01	<8.68E-01	<1.65E+0(	<8.26E-01	<1.65E+0(	<5.18E-01	<4.16E-01	<4.44E+0(	<3.80E-01	<1.65E+0(	<5.84E-01	<1.07E+0(	<5.15E-01	<4.37E-01	<6.78E-01	<1.65E+0(

Sample ID	Compound	Nonane	Octane	Naphthalene	4-Ethyltoluene	2-propanol (isopropylalcohol)	1,3,5-Trimethylbenzene	Chloromethane	Chloroform	Hexachlorobutadiene	Acrolein	Isopropylbenzene	Hexane	Styrene	Carbon disulfide	Chloroethane	4-Methyl-2-pentanone (MIBK)	n-Propylbenzene
	CAS	111-84-2	111-65-9	91-20-3	622-96-8	67-63-0	108-67-8	74-87-3	67-66-3	87-68-3	107-02-8	98-82-8	110-54-3	100-42-5	75-15-0	75-00-3	108-10-1	103-65-1
	MW	128.3	114.2	128.2	120.2	60.1	120.2	50.5	119.4	260.8	56.1	120.2	86.2	104.2	76.1	64.5	100.2	120.2
Flux (mg/m2-min)																		
T-101		<1.53E-04	<1.37E-04	<1.53E-04	<2.92E-04	0.0005	<2.92E-04	<9.15E-05	0.0003	<7.85E-04	0.0006	<2.92E-04	<1.03E-04	<1.89E-04	<9.10E-05	<7.72E-05	<1.20E-04	<2.92E-04
T-102		<8.97E-05	<7.98E-05	<8.96E-05	<1.71E-04	0.0003	<1.71E-04	<5.35E-05	<4.30E-05	<4.59E-04	0.0003	<1.71E-04	0.0003	<1.10E-04	<5.32E-05	<4.51E-05	<7.01E-05	<1.71E-04
T-103		0.0043	0.0021	<9.60E-05	0.0022	<9.14E-05	0.0010	<5.73E-05	0.0002	<4.91E-04	<4.20E-05	<1.83E-04	0.0005	<1.18E-04	0.0003	0.0003	<7.50E-05	<1.83E-04
T-104		0.0022	0.0016	<1.33E-04	0.0017	<1.26E-04	0.0012	<7.93E-05	0.0037	<6.80E-04	<5.81E-05	0.0006	0.0017	<1.64E-04	<7.89E-05	<6.68E-05	<1.04E-04	<2.53E-04
T-105		0.0003	0.0003	<3.74E-05	0.0002	<3.56E-05	<7.12E-05	<2.23E-05	<1.79E-05	<1.91E-04	<1.64E-05	<7.12E-05	0.0001	<4.61E-05	0.0001	<1.88E-05	<2.92E-05	<7.12E-05
T-106		<3.91E-05	<3.48E-05	<3.91E-05	<7.44E-05	<3.72E-05	<7.44E-05	<2.33E-05	<1.88E-05	<2.00E-04	<1.71E-05	<7.44E-05	0.0001	<4.81E-05	<2.32E-05	<1.97E-05	<3.05E-05	<7.44E-05
T-107		0.0006	<6.67E-05	<7.49E-05	0.0003	<7.13E-05	<1.43E-04	<4.47E-05	<3.59E-05	<3.83E-04	<3.28E-05	<1.43E-04	0.0003	<9.22E-05	<4.45E-05	<3.77E-05	<5.85E-05	<1.43E-04
T-108		<4.18E-05	<3.72E-05	<4.18E-05	<7.95E-05	<3.98E-05	<7.95E-05	<2.49E-05	<2.00E-05	<2.14E-04	0.0001	<7.95E-05	<2.81E-05	<5.15E-05	<2.48E-05	<2.10E-05	<3.27E-05	<7.95E-05
T-109		<5.83E-05	<5.19E-05	<5.82E-05	<1.11E-04	<5.54E-05	<1.11E-04	<3.48E-05	<2.79E-05	<2.98E-04	<2.55E-05	<1.11E-04	<3.92E-05	<7.17E-05	<3.46E-05	<2.93E-05	<4.55E-05	<1.11E-04
T-110		<7.81E-05	<6.95E-05	<7.80E-05	<1.49E-04	<7.43E-05	<1.49E-04	<4.66E-05	<3.74E-05	<3.99E-04	<3.41E-05	<1.49E-04	<5.25E-05	<9.61E-05	<4.63E-05	<3.93E-05	<6.10E-05	<1.49E-04
T-111		<3.24E-04	<2.88E-04	<3.24E-04	<6.16E-04	<3.08E-04	<6.16E-04	<1.93E-04	<1.55E-04	<1.66E-03	0.0006	<6.16E-04	<2.18E-04	<3.99E-04	<1.92E-04	<1.63E-04	<2.53E-04	<6.16E-04
T-112		<1.32E-04	<1.17E-04	<1.32E-04	<2.51E-04	<1.25E-04	<2.51E-04	<7.86E-05	0.0002	<6.74E-04	<5.76E-05	<2.51E-04	0.0004	<1.62E-04	0.0008	0.0006	<1.03E-04	<2.51E-04
T-113		<7.81E-05	<6.95E-05	<7.80E-05	<1.49E-04	<7.43E-05	<1.49E-04	<4.66E-05	0.0001	<3.99E-04	<3.42E-05	<1.49E-04	0.0003	<9.61E-05	0.0006	0.0004	<6.10E-05	<1.49E-04
T-114		<3.52E-05	<3.14E-05	<1.78E-04	<6.70E-05	<3.35E-05	<6.70E-05	<2.10E-05	<1.69E-05	<1.80E-04	<1.54E-05	<6.70E-05	<2.37E-05	<4.34E-05	0.0001	<1.77E-05	<2.75E-05	<6.70E-05
T-201		<3.26E-05	<2.90E-05	<3.26E-05	<6.20E-05	<3.10E-05	0.0003	0.0004	<1.56E-05	<1.67E-04	0.0001	<6.20E-05	<2.19E-05	<4.01E-05	<1.93E-05	<1.64E-05	<2.55E-05	<6.20E-05
T-202		<3.27E-05	<2.91E-05	<3.26E-05	<6.21E-05	<3.11E-05	<6.21E-05	<1.95E-05	0.0009	<1.67E-04	<1.43E-05	<6.21E-05	<2.20E-05	<4.02E-05	<1.94E-05	<1.64E-05	<2.55E-05	<6.21E-05
T-203		0.0036	0.0073	<6.23E-05	0.0009	<5.93E-05	0.0010	0.0001	<2.99E-05	<3.19E-04	<2.72E-05	<1.19E-04	0.0027	<7.67E-05	0.0004	0.0009	<4.87E-05	<1.19E-04
T-204		0.0124	0.0145	0.0084	0.0146	<5.96E-05	0.0052	0.0018	0.0011	<3.20E-04	<2.74E-05	0.0040	0.0109	0.0042	0.0015	0.0074	<4.89E-05	<1.19E-04
T-205		<5.69E-05	<5.07E-05	0.0093	<1.08E-04	<5.42E-05	<1.08E-04	<3.40E-05	0.0003	<2.91E-04	<2.49E-05	<1.08E-04	0.0001	<7.01E-05	0.0004	0.0003	<4.45E-05	<1.08E-04
T-206		<3.43E-05	<3.05E-05	0.0045	<6.52E-05	<3.26E-05	<6.52E-05	0.0001	0.0037	<1.75E-04	0.0002	<6.52E-05	<2.30E-05	<4.22E-05	0.0002	<1.72E-05	<2.68E-05	<6.52E-05
T-207		<7.58E-05	<6.75E-05	0.0057	<1.44E-04	<7.21E-05	<1.44E-04	<4.52E-05	0.0003	<3.88E-04	0.0002	<1.44E-04	0.0002	<9.33E-05	0.0005	<3.81E-05	<5.92E-05	<1.44E-04
T-208		<5.02E-05	<4.47E-05	0.0030	<9.55E-05	<4.78E-05	<9.55E-05	<3.00E-05	0.0003	<2.57E-04	0.0002	<9.55E-05	0.0001	<6.18E-05	<2.98E-05	<2.52E-05	<3.92E-05	<9.55E-05
T-209		<6.89E-05	<6.13E-05	<6.88E-05	<1.31E-04	<6.55E-05	<1.31E-04	<4.11E-05	<3.30E-05	<3.52E-04	0.0001	<1.31E-04	<4.63E-05	<8.48E-05	<4.09E-05	<3.46E-05	<5.38E-05	<1.31E-04
T-210		<8.41E-05	<7.48E-05	<8.40E-05	<1.60E-04	<8.00E-05	<1.60E-04	<5.01E-05	<4.03E-05	<4.30E-04	<3.68E-05	<1.60E-04	<5.65E-05	<1.03E-04	<4.99E-05	<4.23E-05	<6.57E-05	<1.60E-04
T-211		<1.18E-04	<1.05E-04	<1.17E-04	<2.24E-04	<1.12E-04	<2.24E-04	<7.01E-05	<5.63E-05	<6.01E-04	0.0003	<2.24E-04	<7.89E-05	<1.45E-04	<6.97E-05	<5.91E-05	<9.18E-05	<2.24E-04
T-212		<1.84E-04	<1.64E-04	<1.84E-04	<3.50E-04	<1.75E-04	<3.50E-04	<1.10E-04	<8.82E-05	<9.41E-04	0.0002	<3.50E-04	<1.24E-04	<2.26E-04	<1.09E-04	<9.25E-05	<1.44E-04	<3.50E-04
T-213		<1.85E-04	<1.65E-04	<1.85E-04	<3.52E-04	<1.76E-04	<3.52E-04	<1.11E-04	<8.88E-05	<9.47E-04	<8.10E-05	<3.52E-04	<1.25E-04	<2.28E-04	<1.10E-04	<9.32E-05	<1.45E-04	<3.52E-04
T-214		<3.37E-05	<3.00E-05	<1.71E-04	<6.41E-05	<3.21E-05	<6.41E-05	<2.01E-05	<1.62E-05	<1.72E-04	<1.47E-05	<6.41E-05	<2.27E-05	<4.15E-05	<2.00E-05	<1.70E-05	<2.63E-05	<6.41E-05
T-301		<6.48E-05	<5.76E-05	<6.47E-05	<1.23E-04	0.0011	<1.23E-04	<3.86E-05	<3.10E-05	<3.31E-04	0.0001	<1.23E-04	<4.35E-05	<7.97E-05	<3.84E-05	<3.26E-05	<5.06E-05	<1.23E-04
T-302		<3.47E-05	<3.09E-05	<3.47E-05	<6.61E-05	0.0003	<6.61E-05	<2.07E-05	<1.67E-05	<1.78E-04	0.0001	<6.61E-05	<2.33E-05	<4.28E-05	0.0000	<1.75E-05	0.0003	<6.61E-05
T-303		<3.66E-05	<3.26E-05	<3.66E-05	<6.96E-05	0.0013	<6.96E-05	0.0001	<1.75E-05	<1.87E-04	0.0002	<6.96E-05	<2.46E-05	<4.50E-05	<2.17E-05	<1.84E-05	0.0002	<6.96E-05
T-304		0.0001	0.0001	<3.45E-05	0.0002	0.0024	0.0002	<2.06E-05	<1.65E-05	<1.76E-04	0.0002	<6.56E-05	<2.32E-05	<4.25E-05	<2.05E-05	<1.74E-05	0.0004	<6.56E-05
T-305		0.0052	0.0023	<3.25E-05	0.0013	0.0008	0.0016	0.0011	<1.56E-05	<1.66E-04	0.0002	0.0021	<2.18E-05	0.0014	0.0004	<1.63E-05	0.0012	0.0016
T-306		0.0060	0.0028	<3.21E-05	0.0025	0.0006	0.0018	0.0011	<1.54E-05	<1.64E-04	0.0001	0.0018	<2.16E-05	0.0015	0.0002	<1.61E-05	0.0014	0.0017
T-307		0.0052	0.0029	<3.20E-05	0.0027	0.0008	0.0018	0.0008	<1.54E-05	<1.64E-04	0.0001	0.0018	<2.15E-05	0.0010	0.0001	<1.61E-05	0.0015	0.0018
T-308		0.0024	0.0017	<3.19E-05	0.0008	0.0008	0.0005	0.0005	<1.53E-05	<1.63E-04	<1.40E-05	0.0006	<2.15E-05	0.0006	0.0003	<1.61E-05	0.0017	0.0007
T-309		<3.14E-05	<2.80E-05	<3.14E-05	<5.97E-05	0.0002	<5.97E-05	0.0002	<1.51E-05	<1.61E-04	0.0002	<5.97E-05	<2.11E-05	<3.86E-05	<1.86E-05	<1.58E-05	<2.45E-05	<5.97E-05
T-310		0.0133	0.0082	<1.91E-04	0.0148	0.0047	0.0153	0.0010	<3.03E-05	0.0824	<2.76E-05	0.0083	<4.24E-05	0.0075	0.0004	<3.17E-05	0.0031	0.0085
T-311		<3.98E-05	<3.54E-05	0.0006	<7.56E-05	0.0003	0.0002	0.0001	<1.91E-05	<2.03E-04	0.0002	<7.56E-05	<2.67E-05	<4.89E-05	0.0034	0.0001	<3.11E-05	<7.56E-05
T-312		0.0046	0.0033	0.0053	0.0036	0.0007	0.0039	0.0002	<2.00E-05	<2.14E-04	<1.83E-05	0.0023	<2.81E-05	0.0009	0.0001	<2.10E-05	0.0012	0.0018
T-313		0.0012	0.0017	0.0074	0.0024	0.0006	0.0009	0.0004	<1.73E-05	<1.85E-04	<1.58E-05	0.0009	<2.43E-05	0.0001	0.0001	<1.81E-05	0.0007	0.0005
T-314		<3.34E-05	<2.97E-05	<3.34E-05	<6.35E-05	<3.18E-05	<6.35E-05	<1.99E-05	<1.60E-05	<1.71E-04	<1.46E-05	<6.35E-05	<2.24E-05	<4.11E-05	<1.98E-05	<1.68E-05	<2.61E-05	<6.35E-05
T-401		<4.02E-05	<3.58E-05	<4.02E-05	<7.65E-05	<3.82E-05	<7.65E-05	0.0012	<1.93E-05	<2.06E-04	0.0002	<7.65E-05	<2.70E-05	<4.95E-05	<2.38E-05	<2.02E-05	<3.14E-05	<7.65E-05
T-402		<6.38E-05	<5.68E-05	<6.38E-05	<1.21E-04	<6.07E-05	<1.21E-04	<3.81E-05	0.0001	<3.26E-04	<2.79E-05	<1.21E-04	<4.29E-05	<7.86E-05	0.0026	<3.21E-05	<4.99E-05	<1.21E-04
T-403		0.0004	<8.56E-05	<9.61E-05	<1.83E-04	<9.14E-05	<1.83E-04	<5.73E-05	<4.61E-05	<4.91E-04	0.0004	<1.83E-04	<6.46E-05	<1.18E-04	0.0001	<4.83E-05	<7.51E-05	<1.83E-04
T-404		0.0002	0.0019	<3.80E-05	<7.24E-05	0.0001	<7.24E-05	0.0006	<1.82E-05	<1.95E-04	<1.66E-05	<7.24E-05	0.0019	<4.68E-05	0.0002	0.0020	0.0002	<7.24E-05
T-405		<3.24E-05	<2.89E-05	<3.24E-05	<6.17E-05	<3.08E-05	<6.17E-05	<1.93E-05	<1.55E-05	<1.66E-04	0.0001	<6.17E-05	<2.18E-05	<3.99E-05	<1.92E-05	<1.63E-05	<2.53E-05	<6.17E-05
T-406		<5.16E-05	<4.59E-05	<5.16E-05	<9.82E-05	<4.91E-05	<9.82E-05	<3.08E-05	<2.47E-05	<2.64E-04	0.0003	<9.82E-05	<3.47E-05	<6.35E-05	<3.06E-05	<2.59E-05	<4.03E-05	<9.82E-05
T-407		<6.17E-05	<5.49E-05	<6.16E-05	<1.17E-04	<5.87E-05	<1.17E-04	<3.68E-05	<2.96E-05	<3.15E-04	0.0003	<1.17E-04	<4.14E-05	<7.59E-05	<3.66E-05	<3.10E-05	<4.82E-05	<1.17E-04
T-408		<4.95E-05	<4.41E-05	<4.95E-05	<9.42E-05	<4.71E-05	<9.42E-05	<2.95E-05	<2.38E-05	<2.53E-04	0.0001	<9.42E-05	<3.33E-05	<6.10E-05	<2.94E-05	<2.49E-05	<3.87E-05	<9.42E-05
T-409		<4.68E-05	<4.16E-05	<4.67E-05	<8.89E-05	<4.45E-05	<8.89E-05	<2.79E-05	<2.24E-05	<2.39E-04	0.0008	<8.89E-05	<3.14E-05	<5.75E-05	<2.77E-05	<2.35E-05	<3.65E-05	<8.89E-05
T-410		<3.42E-05	<3.04E-05	<3.42E-05	<6.51E-05	<3.25E-05	<6.51E-05	<2.04E-05	<1.64E-05	<1.75E-04	0.0001	<6.51E-05	<2.30E-05	<4.21E-05	<2.03E-05	<1.72E-05	<2.67E-05	<6.51E-05
T-411		<3.75E-05	<3.34E-05	<3.74E-05	<7.13E-05	<3.56E-05	<7.13E-05	<2.23E-05	<1.80E-05	<1.92E-04	0.0003	<7.13E-05	<2.52E-05	<4.61E-05	<2.22E-05	<1.88E-05	0.0001	<7.13E-05
T-412		<3.51E-05	<3.12E-05	0.0020	<6.67E-05	<3.34E-05	<6.67E-05	<2.09E-05	<1.68E-05	<1.79E-04	0.0005	<6.67E-05	<2.36E-05	<4.32E-05	<2.08E-05	<1.76E-05	<2.74E-05	<6.67E-05
T-413		<4.78E-05	<4.26E-05	0.0053	<9.09E-05	<4.55E-05	<9.09E-05	<2.85E-05	<2.29E-05	<2.44E-04	0.0009	<9.09E-05	<3.21E-05	<5.88E-05	<2.84E-05	<2.40E-05	<3.73E-05	<9.09E-05
T-414		<3.34E-05	<2.97E-05	<3.34E-05	<6.35E-05	<3.18E-05	<6.35E-05	<1.99E-05	<1.60E-05	<1.71E-04	<1.46E-05	<6.35E-05	<2.24E-05	<4.11E-05	<1.98E-05	<1.68E-05	<2.61E-05	<6.35E-05
T-501		<6.61E-05	<5.88E-05	0.0009	<1.26E-04	<6.29E-05	<1.26E-04	<3.94E-05	<3.17E-05	<3.38E-04	0.0004	<1.26E-04	<4.44E-05	<8.13E-05	<3.92E-05	<3.32E-05	<5.16E-05	<1.26E-04
T-502		<3.89E-05	<3.46E-05	<3.89E-05	<7.40E-05	0.0003	<7.40E-05	0.0003	0.0101	<1.99E-04	0.0007	<7.40E-05	0.0001	<4.79E-05	<2.31E-05	<1.96E-05	<3.04E-05	<7.40E-05
T-503		<4.51E-05	<4.02E-05	<4.51E-05	<8.58E-05	0.0002	<8.58E-05	0.0007	0.0001	<2.31E-04	0.0005	<8.58E-05	<3.03E-05	<5.55E-05	0.0001	<2.27E-05	<3.52E-05	<8.58E-05
T-504		0.0014	0.0016	<3.46E-05	0.0006	0.0001	0.0004	0.0005	0.0052	<1.77E-04	0.0003	<6.59E-05	0.0005	<4.26E-05	<2.05E-05	0.0002	<2.71E-05	<6.59E-05
T-505		<3.14E-05	<2.80E-05	<3.14E-05	<5.97E-05	0.0001	<5.97E-05	0.0001	<1.51E-05	<1.61E-04	0.0004	<5.97E-05	0.0001	<3.86E-05	<1.86E-05	<1.58E-05	<2.45E-05	<5.97E-05
T-506		<4.19E-05	<3.73E-05	<4.18E-05	<7.97E-05	<3.98E-05	<7.97E-05	0.0002	<2.01E-05	<2.14E-04	0.0008	<7.97E-05	<2.81E-05	<5.15E-05	0.0001	<2.11E-05	<3.27E-05	<7.97E-05
T-507		<3.29E-05	<2.93E-05	<3.28E-05	<6.25E-05	<3.13E-05	<6.25E-05	<1.96E-05	<1.58E-05	<1.68E-04	0.0002	<6.25E-05	<2.21E-05	<4.05E-05	<1.95E-05	<1.65E-05	<2.57E-05	<6.25E-05
T-508		<3.28E-05	<2.92E-05	<3.28E-05	<6.24E-05	<3.12E-05	<6.24E-05	<1.96E-05	<1.57E-05	<1.68E-04	0.0003	<6.24E-05	<2.20E-05	<4.04E-05	<1.95E-05	<1.65E-05	<2.56E-05	<6.24E-05
T-509		<3.26E-05	<2.90E-05	<3.25E-05	<6.20E-05	0.0001	<6.20E-05	<1.94E-05	<1.56E-05	<1.67E-04	0.0004	<6.20E-05	<2.19E-05	<4.01E-05	0.0001	<1.64E-05	<2.54E-05	<6.20E-05
T-510		<3.37E-05	<3.00E-05	<3.36E-05	<6.41E-05	<3.20E-05	<6.41E-05	<2.01E-05	<1.61E-05	<1.72E-04	<1.47E-05	<6.41E-05	<2.26E-05	<4.14E-05	<2.00E-05	<1.69E-05	<2.63E-05	<6.41E-05

Sample ID	Compound	Tetrachloroethene (PCE)	1,4-Dichlorobenzene	Bromomethane	2,2,4-Trimethylpentane	2-Hexanone	cis-1,2-Dichloroethene	Benzyl chloride	1,2-Dichloroethane	Chlorobenzene	Trichloroethene (TCE)	n-Butylbenzene	Methylene chloride	Ethyl acetate	Vinyl chloride	1,2,4-Trichlorobenzene	1,1-Dichloroethane	1,3-Butadiene	1,4 Dioxane
	CAS	127-18-4	106-46-7	74-8:	540-84-1	591-78-6	156-59-2	100-44-7	107-06-2	108-90-7	79-01-6	104-51-8	75-09-2	141-78-6	75-01-4	120-82-1	75-34-3	106-99-0	123-91-1
	MW	165.8	147	95	114.2	100.2	96.9	126.6	99	112.6	131.4	134.2	84.9	88.1	62.5	181.4	99	54.1	88.1
Lab Data (ppbv)																			
T-101		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-102		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-103		ND	ND	ND	ND	ND	ND	ND	0.38	ND	ND	ND	0.44	ND	ND	ND	ND	ND	ND
T-104		0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.28	ND	ND	ND	ND	ND	ND
T-105		0.15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-106		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-107		0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-108		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-109		0.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-110		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-111		0.23	ND	ND	ND	ND	ND	ND	ND	ND	0.11	ND	ND	ND	ND	ND	ND	ND	ND
T-112		3.19	ND	ND	ND	ND	4.71	ND	0.36	ND	1.6	ND	ND	ND	0.37	ND	ND	ND	ND
T-113		3.04	ND	ND	ND	ND	5.24	ND	0.36	ND	1.83	ND	ND	ND	0.37	ND	ND	ND	ND
T-114		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.34	ND
T-201		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-202		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-203		34.47	ND	2.4	ND	ND	13.96	ND	10.22	ND	9.21	ND	1.97	ND	ND	ND	0.54	ND	ND
T-204		11.52	ND	1.5	22.14	ND	10.92	ND	8.91	ND	5.83	3.1	9.46	ND	5.81	ND	1.4	ND	ND
T-205		ND	ND	ND	0.91	ND	ND	ND	0.26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-206		0.14	ND	ND	0.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-207		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-208		0.63	ND	ND	0.71	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-209		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-210		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-211		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-212		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-213		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-214		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-301		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-302		ND	ND	ND	ND	0.98	ND	ND	ND	ND	ND	ND	ND	0.47	ND	ND	ND	ND	ND
T-303		ND	ND	ND	ND	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-304		ND	ND	ND	ND	0.98	ND	ND	ND	ND	ND	ND	ND	1.04	ND	ND	ND	0.4	ND
T-305		1.11	5.42	11	ND	5.42	ND	ND	ND	2.51	ND	2.5	ND	2.39	ND	ND	ND	ND	ND
T-306		1.19	5.42	10	ND	6.13	ND	ND	0.19	3.14	ND	3.15	ND	2.14	ND	ND	ND	0.54	ND
T-307		0.84	6.84	7.7	ND	4.26	ND	ND	0.33	3.31	ND	2.61	ND	1.96	ND	ND	ND	0.54	ND
T-308		0.64	2.87	4.7	ND	4.01	ND	ND	0.21	1.39	ND	ND	ND	1.92	ND	ND	ND	0.49	ND
T-309		ND	ND	ND	ND	0.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-310		0.49	12.73	5.7	ND	5.68	ND	24.73	ND	9.46	ND	ND	ND	2.72	ND	4.78	ND	ND	ND
T-311		ND	3.4	ND	ND	0.53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-312		0.33	16.56	2.4	ND	4.68	ND	ND	ND	1.13	ND	5.49	ND	ND	ND	ND	ND	ND	ND
T-313		0.23	3.88	3	ND	2.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-314		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-401		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-402		0.31	ND	ND	0.43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-403		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-404		ND	ND	ND	17.72	1.46	ND	ND	0.62	ND	ND	ND	4.6	ND	ND	ND	2.14	ND	2.06
T-405		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-406		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-407		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-408		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-409		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-410		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-411		ND	ND	ND	ND	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-412		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-413		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.29	ND
T-414		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-501		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-502		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-503		0.27	ND	0.4	0.46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-504		0.29	ND	0.6	3.87	ND	0.67	ND	0.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-505		ND	ND	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-506		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-507		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-508		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-509		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-510		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Sample ID	Compound	Tetrachloroethene (PCE)	1,4-Dichlorobenzene	Bromomethane	2,2,4-Trimethylpentane	2-Hexanone	cis-1,2-Dichloroethene	Benzyl chloride	1,2-Dichloroethane	Chlorobenzene	Trichloroethene (TCE)	n-Butylbenzene	Methylene chloride	Ethyl acetate	Vinyl chloride	1,2,4-Trichlorobenzene	1,1-Dichloroethane	1,3-Butadiene	1,4 Dioxane
	CAS	127-18-4	106-46-7	74-8:	540-84-1	591-78-6	156-59-2	100-44-7	107-06-2	108-90-7	79-01-6	104-51-8	75-09-2	141-78-6	75-01-4	120-82-1	75-34-3	106-99-0	123-91-1
	MW	165.8	147	95	114.2	100.2	96.9	126.6	99	112.6	131.4	134.2	84.9	88.1	62.5	181.4	99	54.1	88.1
MDL (ppbv)																			
T-101		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-102		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-103		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-104		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-105		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-106		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-107		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-108		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-109		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-110		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-111		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-112		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-113		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-114		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-201		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-202		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-203		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-204		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-205		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-206		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-207		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-208		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-209		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-210		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-211		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-212		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-213		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-214		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-301		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-302		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-303		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-304		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-305		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-306		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-307		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-308		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-309		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-310		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	0.33	0.17	0.17	0.33
T-311		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-312		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-313		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-314		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-401		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-402		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-403		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-404		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-405		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-406		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-407		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-408		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-409		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-410		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-411		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-412		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-413		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-414		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-501		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-502		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-503		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-504		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-505		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-506		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-507		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-508		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-509		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33
T-510		0.08	0.67	0.3	0.17	0.33	0.17	0.67	0.17	0.33	0.08	0.67	0.17	0.33	0.17	1	0.17	0.17	0.33

Sample ID	Compound	Tetrachloroethene (PCE)	1,4-Dichlorobenzene	Bromomethane	2,2,4-Trimethylpentane	2-Hexanone	cis-1,2-Dichloroethene	Benzyl chloride	1,2-Dichloroethane	Chlorobenzene	Trichloroethene (TCE)	n-Butylbenzene	Methylene chloride	Ethyl acetate	Vinyl chloride	1,2,4-Trichlorobenzene	1,1-Dichloroethane	1,3-Butadiene	1,4 Dioxane
	CAS	127-18-4	106-46-7	74-8	540-84-1	591-78-6	156-59-2	100-44-7	107-06-2	108-90-7	79-01-6	104-51-8	75-09-2	141-78-6	75-01-4	120-82-1	75-34-3	106-99-0	123-91-1
	MW	165.8	147	95	114.2	100.2	96.9	126.6	99	112.6	131.4	134.2	84.9	88.1	62.5	181.4	99	54.1	88.1
Data Used (ug/m3)																			
T-101		<2.59E-01	<1.92E+0(	<6.1	<3.78E-01	<6.45E-01	<3.21E-01	<1.65E+0(	<3.28E-01	<7.24E-01	<2.05E-01	<1.75E+0(	<2.81E-01	<5.67E-01	<2.07E-01	<3.54E+0(	<3.28E-01	<1.79E-01	<5.67E-01
T-102		<2.59E-01	<1.92E+0(	<6.1	<3.79E-01	<6.46E-01	<3.22E-01	<1.66E+0(	<3.29E-01	<7.26E-01	<2.05E-01	<1.76E+0(	<2.82E-01	<5.68E-01	<2.07E-01	<3.54E+0(	<3.29E-01	<1.80E-01	<5.68E-01
T-103		<2.63E-01	<1.95E+0(	<6.2	<3.85E-01	<6.56E-01	<3.27E-01	<1.68E+0(	1.493165	<7.37E-01	<2.09E-01	<1.78E+0(	1.482687	<5.77E-01	<2.11E-01	<3.60E+0(	<3.34E-01	<1.83E-01	<5.77E-01
T-104		0.778419	<1.93E+0(	<6.1	<3.80E-01	<6.47E-01	<3.22E-01	<1.66E+0(	<3.29E-01	<7.27E-01	<2.06E-01	<1.76E+0(	0.930065	<5.69E-01	<2.08E-01	<3.55E+0(	<3.29E-01	<1.80E-01	<5.69E-01
T-105		0.978258	<1.94E+0(	<6.1	<3.82E-01	<6.50E-01	<3.24E-01	<1.67E+0(	<3.31E-01	<7.31E-01	<2.07E-01	<1.77E+0(	<2.84E-01	<5.72E-01	<2.09E-01	<3.57E+0(	<3.31E-01	<1.81E-01	<5.72E-01
T-106		<2.59E-01	<1.92E+0(	<6.1	<3.78E-01	<6.45E-01	<3.21E-01	<1.65E+0(	<3.28E-01	<7.24E-01	<2.05E-01	<1.75E+0(	<2.81E-01	<5.67E-01	<2.07E-01	<3.54E+0(	<3.28E-01	<1.79E-01	<5.67E-01
T-107		3.220437	<1.91E+0(	<6.(	<3.77E-01	<6.42E-01	<3.20E-01	<1.65E+0(	<3.27E-01	<7.22E-01	<2.04E-01	<1.75E+0(	<2.80E-01	<5.65E-01	<2.06E-01	<3.52E+0(	<3.27E-01	<1.79E-01	<5.65E-01
T-108		<2.59E-01	<1.92E+0(	<6.1	<3.78E-01	<6.45E-01	<3.21E-01	<1.65E+0(	<3.28E-01	<7.24E-01	<2.05E-01	<1.75E+0(	<2.81E-01	<5.67E-01	<2.07E-01	<3.54E+0(	<3.28E-01	<1.79E-01	<5.67E-01
T-109		0.707244	<1.91E+0(	<6.(	<3.76E-01	<6.41E-01	<3.19E-01	<1.64E+0(	<3.26E-01	<7.20E-01	<2.04E-01	<1.74E+0(	<2.80E-01	<5.64E-01	<2.06E-01	<3.52E+0(	<3.26E-01	<1.78E-01	<5.64E-01
T-110		<2.58E-01	<1.91E+0(	<6.(	<3.77E-01	<6.42E-01	<3.20E-01	<1.65E+0(	<3.27E-01	<7.22E-01	<2.04E-01	<1.75E+0(	<2.80E-01	<5.65E-01	<2.06E-01	<3.52E+0(	<3.27E-01	<1.79E-01	<5.65E-01
T-111		1.478782	<1.91E+0(	<6.(	<3.76E-01	<6.41E-01	<3.19E-01	<1.64E+0(	<3.26E-01	<7.20E-01	0.560505	<1.74E+0(	<2.80E-01	<5.64E-01	<2.06E-01	<3.52E+0(	<3.26E-01	<1.78E-01	<5.64E-01
T-112		19.94589	<1.86E+0(	<5.9	<3.66E-01	<6.23E-01	17.21167	<1.60E+0(	1.344052	<7.01E-01	7.928547	<1.70E+0(	<2.72E-01	<5.48E-01	0.872087	<3.42E+0(	<3.17E-01	<1.73E-01	<5.48E-01
T-113		19.008	<1.86E+0(	<5.9	<3.66E-01	<6.23E-01	19.14844	<1.60E+0(	1.344052	<7.01E-01	9.068276	<1.70E+0(	<2.72E-01	<5.48E-01	0.872087	<3.42E+0(	<3.17E-01	<1.73E-01	<5.48E-01
T-114		<2.72E-01	<2.02E+0(	<6.4	<3.98E-01	<6.78E-01	<3.38E-01	<1.74E+0(	<3.45E-01	<7.62E-01	<2.16E-01	<1.84E+0(	<2.96E-01	<5.96E-01	<2.18E-01	<3.72E+0(	<3.45E-01	0.75465	<5.96E-01
T-201		<2.66E-01	<1.97E+0(	<6.2	<3.89E-01	<6.62E-01	<3.30E-01	<1.70E+0(	<3.37E-01	<7.44E-01	<2.11E-01	<1.80E+0(	<2.89E-01	<5.82E-01	<2.13E-01	<3.63E+0(	<3.37E-01	<1.84E-01	<5.82E-01
T-202		<2.66E-01	<1.98E+0(	<6.2	<3.90E-01	<6.63E-01	<3.31E-01	<1.70E+0(	<3.38E-01	<7.46E-01	<2.11E-01	<1.80E+0(	<2.90E-01	<5.83E-01	<2.13E-01	<3.64E+0(	<3.38E-01	<1.85E-01	<5.83E-01
T-203		226.8375	<1.95E+0(	9.1	<3.85E-01	<6.56E-01	53.6906	<1.68E+0(	40.15828	<7.37E-01	48.03348	<1.78E+0(	6.638393	<5.77E-01	<2.11E-01	<3.60E+0(	2.121866	<1.83E-01	<5.77E-01
T-204		76.22368	<1.97E+0(	5.6	100.9013	<6.60E-01	42.22788	<1.69E+0(	35.20188	<7.41E-01	30.5715	16.60226	32.05175	<5.80E-01	14.49136	<3.62E+0(	5.531159	<1.84E-01	<5.80E-01
T-205		<2.59E-01	<1.93E+0(	<6.1	4.065885	<6.47E-01	<3.22E-01	<1.66E+0(	1.007062	<7.27E-01	<2.06E-01	<1.76E+0(	<2.82E-01	<5.69E-01	<2.08E-01	<3.55E+0(	<3.29E-01	<1.80E-01	<5.69E-01
T-206		0.876876	<1.86E+0(	<5.9	2.243339	<6.25E-01	<3.11E-01	<1.60E+0(	<3.18E-01	<7.02E-01	<1.99E-01	<1.70E+0(	<2.73E-01	<5.49E-01	<2.01E-01	<3.43E+0(	<3.18E-01	<1.74E-01	<5.49E-01
T-207		<2.60E-01	<1.93E+0(	<6.1	<3.80E-01	<6.48E-01	<3.23E-01	<1.66E+0(	<3.30E-01	<7.28E-01	<2.06E-01	<1.76E+0(	<2.83E-01	<5.70E-01	<2.08E-01	<3.55E+0(	<3.30E-01	<1.80E-01	<5.70E-01
T-208		3.945941	<1.86E+0(	<5.9	3.063021	<6.25E-01	<3.11E-01	<1.60E+0(	<3.18E-01	<7.02E-01	<1.99E-01	<1.70E+0(	<2.73E-01	<5.49E-01	<2.01E-01	<3.43E+0(	<3.18E-01	<1.74E-01	<5.49E-01
T-209		<2.59E-01	<1.93E+0(	<6.1	<3.80E-01	<6.47E-01	<3.22E-01	<1.66E+0(	<3.29E-01	<7.27E-01	<2.06E-01	<1.76E+0(	<2.82E-01	<5.69E-01	<2.08E-01	<3.55E+0(	<3.29E-01	<1.80E-01	<5.69E-01
T-210		<2.59E-01	<1.92E+0(	<6.1	<3.78E-01	<6.45E-01	<3.21E-01	<1.65E+0(	<3.28E-01	<7.24E-01	<2.05E-01	<1.75E+0(	<2.81E-01	<5.67E-01	<2.07E-01	<3.54E+0(	<3.28E-01	<1.79E-01	<5.67E-01
T-211		<2.59E-01	<1.92E+0(	<6.1	<3.78E-01	<6.45E-01	<3.21E-01	<1.65E+0(	<3.28E-01	<7.24E-01	<2.05E-01	<1.75E+0(	<2.81E-01	<5.67E-01	<2.07E-01	<3.54E+0(	<3.28E-01	<1.79E-01	<5.67E-01
T-212		<2.56E-01	<1.90E+0(	<6.(	<3.74E-01	<6.38E-01	<3.18E-01	<1.64E+0(	<3.25E-01	<7.17E-01	<2.03E-01	<1.73E+0(	<2.78E-01	<5.61E-01	<2.05E-01	<3.50E+0(	<3.25E-01	<1.77E-01	<5.61E-01
T-213		<2.56E-01	<1.90E+0(	<6.(	<3.74E-01	<6.38E-01	<3.18E-01	<1.64E+0(	<3.25E-01	<7.17E-01	<2.03E-01	<1.73E+0(	<2.78E-01	<5.61E-01	<2.05E-01	<3.50E+0(	<3.25E-01	<1.77E-01	<5.61E-01
T-214		<2.72E-01	<2.02E+0(	<6.4	<3.98E-01	<6.78E-01	<3.38E-01	<1.74E+0(	<3.45E-01	<7.62E-01	<2.16E-01	<1.84E+0(	<2.96E-01	<5.96E-01	<2.18E-01	<3.72E+0(	<3.45E-01	<1.89E-01	<5.96E-01
T-301		<2.66E-01	<1.97E+0(	<6.2	<3.89E-01	<6.62E-01	<3.30E-01	<1.70E+0(	<3.37E-01	<7.44E-01	<2.11E-01	<1.80E+0(	<2.89E-01	<5.82E-01	<2.13E-01	<3.63E+0(	<3.37E-01	<1.84E-01	<5.82E-01
T-302		<2.68E-01	<1.99E+0(	<6.3	<3.92E-01	3.969291	<3.33E-01	<1.71E+0(	<3.40E-01	<7.51E-01	<2.12E-01	<1.82E+0(	<2.92E-01	1.673759	<2.15E-01	<3.67E+0(	<3.40E-01	<1.86E-01	<5.88E-01
T-303		<2.67E-01	<1.98E+0(	<6.3	<3.91E-01	2.824797	<3.32E-01	<1.71E+0(	<3.39E-01	<7.48E-01	<2.12E-01	<1.81E+0(	<2.91E-01	<5.85E-01	<2.14E-01	<3.65E+0(	<3.39E-01	<1.85E-01	<5.85E-01
T-304		<2.65E-01	<1.97E+0(	<6.2	<3.88E-01	3.925884	<3.29E-01	<1.70E+0(	<3.36E-01	<7.43E-01	<2.10E-01	<1.80E+0(	<2.89E-01	3.663135	<2.12E-01	<3.63E+0(	<3.36E-01	0.865169	<5.81E-01
T-305		7.265165	31.45246	41	<3.83E-01	21.43902	<3.25E-01	<1.67E+0(	<3.32E-01	11.15707	<2.07E-01	13.24435	<2.85E-01	8.31212	<2.10E-01	<3.58E+0(	<3.32E-01	<1.82E-01	<5.74E-01
T-306		7.774789	31.39596	38	<3.83E-01	24.2039	<3.25E-01	<1.67E+0(	0.741218	13.93237	<2.07E-01	16.6579	<2.84E-01	7.429281	<2.09E-01	<3.57E+0(	<3.32E-01	1.151193	<5.73E-01
T-307		5.478245	39.55042	29	<3.82E-01	16.79017	<3.24E-01	<1.67E+0(	1.28507	14.66034	<2.07E-01	13.77751	<2.84E-01	6.792187	<2.09E-01	<3.57E+0(	<3.31E-01	1.149129	<5.72E-01
T-308		4.16643	16.56528	18	<3.81E-01	15.77654	<3.23E-01	<1.67E+0(	0.816308	6.145437	<2.06E-01	<1.77E+0(	<2.83E-01	6.641661	<2.09E-01	<3.56E+0(	<3.30E-01	1.040861	<5.71E-01
T-309		<2.56E-01	<1.90E+0(	<6.(	<3.74E-01	2.009859	<3.18E-01	<1.64E+0(	<3.25E-01	<7.17E-01	<2.03E-01	<1.73E+0(	<2.78E-01	<5.61E-01	<2.05E-01	<3.50E+0(	<3.25E-01	<1.77E-01	<5.61E-01
T-310		3.161627	72.8242	21	<3.78E-01	22.14859	<3.21E-01	121.8394	<3.27E-01	41.45334	<2.05E-01	<1.75E+0(	<2.81E-01	9.325558	<2.07E-01	33.74389	<3.27E-01	<1.79E-01	<5.66E-01
T-311		<2.54E-01	19.14462	<6.(	<3.72E-01	2.034202	<3.15E-01	<1.62E+0(	<3.22E-01	<7.12E-01	<2.01E-01	<1.72E+0(	<2.76E-01	<5.57E-01	<2.03E-01	<3.47E+0(	<3.22E-01	<1.76E-01	<5.57E-01
T-312		2.103141	93.57235	8.6	<3.73E-01	18.02534	<3.17E-01	<1.63E+0(	<3.23E-01	4.890877	<2.02E-01	28.3201	<2.77E-01	<5.59E-01	<2.04E-01	<3.49E+0(	<3.23E-01	<1.77E-01	<5.59E-01
T-313		1.465825	21.92396	11	<3.73E-01	9.705952	<3.17E-01	<1.63E+0(	<3.23E-01	<7.14E-01	<2.02E-01	<1.73E+0(	<2.77E-01	<5.59E-01	<2.04E-01	<3.49E+0(	<3.23E-01	<1.77E-01	<5.59E-01
T-314		<2.72E-01	<2.02E+0(	<6.4	<3.98E-01	<6.78E-01	<3.38E-01	<1.74E+0(	<3.45E-01	<7.62E-01	<2.16E-01	<1.84E+0(	<2.96E-01	<5.96E-01	<2.18E-01	<3.72E+0(	<3.45E-01	<1.89E-01	<5.96E-01
T-401		<2.68E-01	<1.99E+0(	<6.3	<3.92E-01	<6.68E-01	<3.33E-01	<1.71E+0(	<3.40E-01	<7.51E-01	<2.12E-01	<1.82E+0(	<2.92E-01	<5.88E-01	<2.15E-01	<3.67E+0(	<3.40E-01	<1.86E-01	<5.88E-01
T-402		2.043722	<1.96E+0(	<6.2	1.952586	<6.57E-01	<3.28E-01	<1.69E+0(	<3.35E-01	<7.39E-01	<2.09E-01	<1.79E+0(	<2.87E-01	<5.78E-01	<2.11E-01	<3.61E+0(	<3.35E-01	<1.83E-01	<5.78E-01
T-403		<2.65E-01	<1.97E+0(	<6.2	<3.88E-01	<6.61E-01	<3.29E-01	<1.70E+0(	<3.36E-01	<7.43E-01	<2.10E-01	<1.80E+0(	<2.89E-01	<5.81E-01	<2.12E-01	<3.63E+0(	<3.36E-01	<1.84E-01	<5.81E-01
T-404		<2.72E-01	<2.02E+0(	<6.4	82.86811	5.990708	<3.37E-01	<1.74E+0(	2.513532	<7.61E-01	<2.15E-01	<1.84E+0(	15.99275	<5.95E-01	<2.18E-01	<3.71E+0(	8.675741	<1.88E-01	7.431915
T-405		<2.64E-01	<1.96E+0(	<6.2	<3.87E-01	<6.59E-01	<3.28E-01	<1.69E+0(	<3.35E-01	<7.40E-01	<2.09E-01	<1.79E+0(	<2.87E-01	<5.79E-01	<2.12E-01	<3.61E+0(	<3.35E-01	<1.83E-01	<5.79E-01
T-406		<2.61E-01	<1.94E+0(	<6.1	<3.82E-01	<6.50E-01	<3.24E-01	<1.67E+0(	<3.31E-01	<7.31E-01	<2.07E-01	<1.77E+0(	<2.84E-01	<5.72E-01	<2.09E-01	<3.57E+0(	<3.31E-01	<1.81E-01	<5.72E-01
T-407		<2.59E-01	<1.93E+0(	<6.1	<3.80E-01	<6.47E-01	<3.22E-01	<1.66E+0(	<3.29E-01	<7.27E-01	<2.06E-01	<1.76E+0(	<2.82E-01	<5.69E-01	<2.08E-01	<3.55E+0(	<3.29E-01	<1.80E-01	<5.69E-01
T-408		<2.63E-01	<1.95E+0(	<6.2	<3.85E-01	<6.56E-01	<3.27E-01	<1.68E+0(	<3.34E-01	<7.37E-01	<2.09E-01	<1.78E+0(	<2.86E-01	<5.77E-01	<2.11E-01	<3.60E+0(	<3.34E-01	<1.83E-01	<5.77E-01
T-409		<2.57E-01	<1.91E+0(	<6.(	<3.76E-01	<6.41E-01	<3.19E-01	<1.64E+0(	<3.26E-01	<7.20E-01	<2.04E-01	<1.74E+0(	<2.80E-01	<5.64E-01	<2.06E-01	<3.52E+0(	<3.26E-01	<1.78E-01	<5.64E-01
T-410		<2.59E-01	<1.92E+0(	<6.1	<3.79E-01	<6.46E-01	<3.22E-01	<1.66E+0(	<3.29E-01	<7.26E-01	<2.05E-01	<1.76E+0(	<2.82E-01	<5.68E-01	<2.07E-01	<3.54E+0(	<3.29E-01	<1.80E-01	<5.68E-01
T-411		<2.56E-01	<1.90E+0(	<6.(	<3.75E-01	1.548769	<3.18E-01	<1.64E+0(	<3.25E-01	<7.18E-01	<2.03E-01	<1.74E+0(	<2.79E-01	<5.62E-01	<2.05E-01	<3.50E+0(	<3.25E-01	<1.78E-01	<5.62E-01
T-412		<2.57E-01	<1.91E+0(	<6.(	<3.76E-01	<6.41E-01	<3.19E-01	<1.64E+0(	<3.26E-01	<7.20E-01	<2.04E-01	<1.74E+0(	<2.80E-01	<5.64E-01	<2.06E-01	<3.52E+0(	<3.26E-01	<1.78E-01	<5.64E-01
T-413		<2.57E-01	<1.91E+0(	<6.(	<3.76E-01	<6.41E-01	<3.19E-01	<1.64E+0(	<3.26E-01	<7.20E-01	<2.04E-01	<1.74E+0(	<2.80E-01	<5.64E-01	<2.06E-01	<3.52E+0(	<3.26E-01	0.608397	<5.64E-01
T-414		<2.72E-01	<2.02E+0(	<6.4	<3.98E-01	<6.78E-01	<3.38E-01	<1.74E+0(	<3.45E-01	<7.62E-01	<2.16E-01	<1.84E+0(	<2.96E-01	<5.96E-01	<2.18E-01	<3.72E+0(	<3.45E-01	<1.89E-01	<5.96E-01
T-501		<2.65E-01	<1.97E+0(	<6.2	<3.88E-01	<6.61E-01	<3.29E-01	<1.70E+0(	<3.36E-01	<7.43E-01	<2.10E-01	<1.80E+0(	<2.89E-01	<5.81E-01	<2.12E-01	<3.63E+0(	<3.36E-01	<1.84E-01	<5.81E-01
T-502		<2.61E-01	<1.94E+0(	<6.1	<3.83E-01	<6.51E-01	<3.25E-01	<1.67E+0(	<3.32E-01	<7.32E-01	<2.07E-01	<1.77E+0(	<2.84E-01	<5.73E-01	<2.09E-01	<3.57E+0(	<3.32E-01	<1.81E-01	<5.73E-01
T-503		1.776795	<1.95E+0(	1.7	2.085033	<6.56E-01	<3.27E-01	<1.68E+0(	<3.34E-01	<7.37E-01	<2.09E-01	<1.78E+0(	<2.86E-01	<5.77E-01	<2.11E-01	<3.60E+0(	<3.34E-01	<1.83E-01	<5.77E-01
T-504		1.901528	<1.95E+0(	2.3	17.47822	<6.54E-01	2.56755	<1.68E+0(	1.09626	<7.35E-01	<2.08E-01	<1.78E+0(	<2.85E-01	<5.75E-01	<2.10E-01	<3.59E+0(	<3.33E-01	<1.82E-01	<5.75E-01
T-505		<2.56E-01	<1.90E+0(	2.2	<3.74E-01	<6.38E-01	<3.18E-01	<1.64E+0(	<3.25E-01	<7.17E-01	<2.03E-01	<1.73E+0(	<2.78E-01	<5.61E-01	<2.05E-01	<3.50E+0(	<3.25E-01	<1.77E-01	<5.61E-01
T-506		<2.58E-01	<1.91E+0(	<6.(	<3.77E-01	<6.42E-01	<3.20E-01	<1.65E+0(	<3.27E-01	<7.22E-01	<2.04E-01	<1.75E+0(	<2.80E-01	<5.65E-01	<2.06E-01	<3.52E+0(	<3.27E-01	<1.79E-01	<5.65E-01
T-507		<2.65E-01	<1.97E+0(	<6.2	<3.88E-01	<6.61E-01	<3.29E-01	<1.70E+0(	<3.36E-01	<7.43E-01	<2.10E-01	<1.80E+0(	<2.89E-01	<5.81E-01	<2.12E-01	<3.63E+0(	<3.36E-01	<1.84E-01	<5.81E-01
T-508		<2.59E-01	<1.93E+0(	<6.1	<3.80E-01	<6.47E-01	<3.22E-01	<1.66E+0(	<3.29E-01	<7.27E-01	<2.06E-01	<1.76E+0(	<2.82E-01	<5.69E-01	<2.08E-01	<3.55E+0(	<3.29E-01	<1.80E-01	<5.69E-01
T-509		<2.59E-01	<1.93E+0(	<6.1	<3.80E-01	<6.47E-01	<3.22E-01	<1.66E+0(	<3.29E-01	<7.27E-01	<2.06E-01	<1.76E+0(	<2.82E-01	<5.69E-01	<2.08E-01	<3.55E+0(	<3.29E-01	<1.80E-01	<5.69E-01
T-510		<2.72E-01	<2.02E+0(	<6.4	<3.98E-01	<6.78E-01	<3.38E-01	<1.74E+0(	<3.45E-01	<7.62E-01	<2.16E-01	<1.84E+0(	<2.96E-01	<5.96E-01	<2.18E-01	<3.72E+0(	<3.45E-01	<1.89E-01	<5.96E-01

Sample ID	Compound	Tetrachloroethene (PCE)	1,4-Dichlorobenzene	Bromomethane	2,2,4-Trimethylpentane	2-Hexanone	cis-1,2-Dichloroethene	Benzyl chloride	1,2-Dichloroethane	Chlorobenzene	Trichloroethene (TCE)	n-Butylbenzene	Methylene chloride	Ethyl acetate	Vinyl chloride	1,2,4-Trichlorobenzene	1,1-Dichloroethane	1,3-Butadiene	1,4 Dioxane
	CAS	127-18-4	106-46-7	74-8	540-84-1	591-78-6	156-59-2	100-44-7	107-06-2	108-90-7	79-01-6	104-51-8	75-09-2	141-78-6	75-01-4	120-82-1	75-34-3	106-99-0	123-91-1
	MW	165.8	147	95	114.2	100.2	96.9	126.6	99	112.6	131.4	134.2	84.9	88.1	62.5	181.4	99	54.1	88.1
Flux (mg/m2-min)																			
T-101		<4.81E-05	<3.57E-04	<1.1	<7.04E-05	<1.20E-04	<5.97E-05	<3.08E-04	<6.10E-05	<1.35E-04	<3.81E-05	<3.26E-04	<5.23E-05	<1.05E-04	<3.85E-05	<6.58E-04	<6.10E-05	<3.33E-05	<1.05E-04
T-102		<2.81E-05	<2.09E-04	<6.6	<4.11E-05	<7.01E-05	<3.49E-05	<1.80E-04	<3.57E-05	<7.87E-05	<2.23E-05	<1.91E-04	<3.06E-05	<6.16E-05	<2.25E-05	<3.84E-04	<3.57E-05	<1.95E-05	<6.16E-05
T-103		<3.01E-05	<2.23E-04	<7.1	<4.41E-05	<7.50E-05	<3.74E-05	<1.92E-04	0.00017	<8.43E-05	<2.39E-05	<2.04E-04	0.00017	<6.60E-05	<2.41E-05	<4.12E-04	<3.82E-05	<2.09E-05	<6.60E-05
T-104		0.0001	<3.09E-04	<9.8	<6.10E-05	<1.04E-04	<5.17E-05	<2.66E-04	<5.29E-05	<1.17E-04	<3.30E-05	<2.82E-04	0.00015	<9.13E-05	<3.34E-05	<5.70E-04	<5.29E-05	<2.89E-05	<9.13E-05
T-105		0.0000	<8.71E-05	<2.7	<1.72E-05	<2.92E-05	<1.46E-05	<7.50E-05	<1.49E-05	<3.28E-05	<9.29E-06	<7.95E-05	<1.28E-05	<2.57E-05	<9.39E-06	<1.60E-04	<1.49E-05	<8.13E-06	<2.57E-05
T-106		<1.23E-05	<9.10E-05	<2.8	<1.79E-05	<3.05E-05	<1.52E-05	<7.84E-05	<1.55E-05	<3.43E-05	<9.71E-06	<8.31E-05	<1.33E-05	<2.69E-05	<9.82E-06	<1.68E-04	<1.55E-05	<8.50E-06	<2.69E-05
T-107		0.0003	<1.74E-04	<5.5	<3.44E-05	<5.85E-05	<2.92E-05	<1.50E-04	<2.98E-05	<6.58E-05	<1.86E-05	<1.59E-04	<2.55E-05	<5.15E-05	<1.88E-05	<3.21E-04	<2.98E-05	<1.63E-05	<5.15E-05
T-108		<1.31E-05	<9.73E-05	<3.0	<1.92E-05	<3.27E-05	<1.63E-05	<8.38E-05	<1.66E-05	<3.67E-05	<1.04E-05	<8.88E-05	<1.43E-05	<2.87E-05	<1.05E-05	<1.79E-04	<1.66E-05	<9.08E-06	<2.87E-05
T-109		0.0001	<1.36E-04	<4.3	<2.67E-05	<4.55E-05	<2.27E-05	<1.17E-04	<2.32E-05	<5.11E-05	<1.45E-05	<1.24E-04	<1.99E-05	<4.00E-05	<1.46E-05	<2.50E-04	<2.32E-05	<1.27E-05	<4.00E-05
T-110		<2.45E-05	<1.82E-04	<5.7	<3.58E-05	<6.10E-05	<3.04E-05	<1.56E-04	<3.10E-05	<6.85E-05	<1.94E-05	<1.66E-04	<2.66E-05	<5.36E-05	<1.96E-05	<3.35E-04	<3.10E-05	<1.70E-05	<5.36E-05
T-111		0.0006	<7.54E-04	<2.4	<1.49E-04	<2.53E-04	<1.26E-04	<6.49E-04	<1.29E-04	<2.84E-04	0.00022	<6.88E-04	<1.10E-04	<2.23E-04	<8.13E-05	<1.39E-03	<1.29E-04	<7.04E-05	<2.23E-04
T-112		0.0033	<3.07E-04	<9.7	<6.05E-05	<1.03E-04	0.00284	<2.64E-04	0.00022	<1.16E-04	0.00131	<2.80E-04	<4.49E-05	<9.05E-05	0.00014	<5.65E-04	<5.24E-05	<2.86E-05	<9.05E-05
T-113		0.0019	<1.82E-04	<5.7	<3.58E-05	<6.10E-05	0.00187	<1.56E-04	0.00013	<6.85E-05	0.00089	<1.66E-04	<2.66E-05	<5.36E-05	0.00009	<3.35E-04	<3.10E-05	<1.70E-05	<5.36E-05
T-114		<1.10E-05	<8.20E-05	<2.6	<1.62E-05	<2.75E-05	<1.37E-05	<7.06E-05	<1.40E-05	<3.09E-05	<8.75E-06	<7.48E-05	<1.20E-05	<2.42E-05	<8.84E-06	<1.51E-04	<1.40E-05	0.00003	<2.42E-05
T-201		<1.02E-05	<7.59E-05	<2.4	<1.50E-05	<2.55E-05	<1.27E-05	<6.53E-05	<1.30E-05	<2.86E-05	<8.10E-06	<6.93E-05	<1.11E-05	<2.24E-05	<8.18E-06	<1.40E-04	<1.30E-05	<7.08E-06	<2.24E-05
T-202		<1.02E-05	<7.60E-05	<2.4	<1.50E-05	<2.55E-05	<1.27E-05	<6.55E-05	<1.30E-05	<2.87E-05	<8.11E-06	<6.94E-05	<1.11E-05	<2.24E-05	<8.20E-06	<1.40E-04	<1.30E-05	<7.10E-06	<2.24E-05
T-203		0.0168	<1.45E-04	###	<2.86E-05	<4.87E-05	0.00398	<1.25E-04	0.00298	<5.47E-05	0.00356	<1.32E-04	0.00049	<4.28E-05	<1.56E-05	<2.67E-04	0.00016	<1.35E-05	<4.28E-05
T-204		0.0057	<1.46E-04	###	0.00748	<4.89E-05	0.00313	<1.26E-04	0.00261	<5.50E-05	0.00227	0.00123	0.00238	<4.30E-05	0.00107	<2.68E-04	0.00041	<1.36E-05	<4.30E-05
T-205		<1.78E-05	<1.32E-04	<4.2	0.00028	<4.45E-05	<2.22E-05	<1.14E-04	0.00007	<5.00E-05	<1.41E-05	<1.21E-04	<1.94E-05	<3.91E-05	<1.43E-05	<2.44E-04	<2.26E-05	<1.24E-05	<3.91E-05
T-206		0.0000	<7.98E-05	<2.5	0.00010	<2.68E-05	<1.33E-05	<6.87E-05	<1.36E-05	<3.01E-05	<8.51E-06	<7.28E-05	<1.17E-05	<2.35E-05	<8.61E-06	<1.47E-04	<1.36E-05	<7.45E-06	<2.35E-05
T-207		<2.37E-05	<1.76E-04	<5.6	<3.48E-05	<5.92E-05	<2.95E-05	<1.52E-04	<3.01E-05	<6.65E-05	<1.88E-05	<1.61E-04	<2.58E-05	<5.21E-05	<1.90E-05	<3.25E-04	<3.01E-05	<1.65E-05	<5.21E-05
T-208		0.0002	<1.17E-04	<3.7	0.00019	<3.92E-05	<1.95E-05	<1.01E-04	<2.00E-05	<4.41E-05	<1.25E-05	<1.07E-04	<1.71E-05	<3.45E-05	<1.26E-05	<2.15E-04	<2.00E-05	<1.09E-05	<3.45E-05
T-209		<2.16E-05	<1.60E-04	<5.1	<3.16E-05	<5.38E-05	<2.68E-05	<1.38E-04	<2.74E-05	<6.05E-05	<1.71E-05	<1.46E-04	<2.35E-05	<4.73E-05	<1.73E-05	<2.95E-04	<2.74E-05	<1.50E-05	<4.73E-05
T-210		<2.63E-05	<1.96E-04	<6.2	<3.86E-05	<6.57E-05	<3.27E-05	<1.68E-04	<3.34E-05	<7.38E-05	<2.09E-05	<1.79E-04	<2.87E-05	<5.77E-05	<2.11E-05	<3.60E-04	<3.34E-05	<1.83E-05	<5.77E-05
T-211		<3.68E-05	<2.73E-04	<8.6	<5.39E-05	<9.18E-05	<4.57E-05	<2.35E-04	<4.67E-05	<1.03E-04	<2.92E-05	<2.50E-04	<4.01E-05	<8.07E-05	<2.95E-05	<5.03E-04	<4.67E-05	<2.55E-05	<8.07E-05
T-212		<5.76E-05	<4.28E-04	<1.3	<8.44E-05	<1.44E-04	<7.16E-05	<3.69E-04	<7.31E-05	<1.61E-04	<4.57E-05	<3.91E-04	<6.27E-05	<1.26E-04	<4.62E-05	<7.88E-04	<7.31E-05	<4.00E-05	<1.26E-04
T-213		<5.81E-05	<4.31E-04	<1.3	<8.50E-05	<1.45E-04	<7.21E-05	<3.71E-04	<7.37E-05	<1.63E-04	<4.60E-05	<3.94E-04	<6.32E-05	<1.27E-04	<4.65E-05	<7.94E-04	<7.37E-05	<4.03E-05	<1.27E-04
T-214		<1.06E-05	<7.84E-05	<2.4	<1.55E-05	<2.63E-05	<1.31E-05	<6.76E-05	<1.34E-05	<2.96E-05	<8.37E-06	<7.16E-05	<1.15E-05	<2.32E-05	<8.46E-06	<1.44E-04	<1.34E-05	<7.33E-06	<2.32E-05
T-301		<2.03E-05	<1.51E-04	<4.7	<2.97E-05	<5.06E-05	<2.52E-05	<1.30E-04	<2.57E-05	<5.68E-05	<1.61E-05	<1.38E-04	<2.21E-05	<4.45E-05	<1.63E-05	<2.77E-04	<2.57E-05	<1.41E-05	<4.45E-05
T-302		<1.09E-05	<8.08E-05	<2.5	<1.59E-05	0.00016	<1.35E-05	<6.96E-05	<1.38E-05	<3.05E-05	<8.63E-06	<7.38E-05	<1.18E-05	0.00007	<8.72E-06	<1.49E-04	<1.38E-05	<7.55E-06	<2.39E-05
T-303		<1.15E-05	<8.51E-05	<2.7	<1.68E-05	0.00012	<1.42E-05	<7.33E-05	<1.45E-05	<3.21E-05	<9.09E-06	<7.77E-05	<1.25E-05	<2.51E-05	<9.18E-06	<1.57E-04	<1.45E-05	<7.95E-06	<2.51E-05
T-304		<1.08E-05	<8.03E-05	<2.5	<1.58E-05	0.00016	<1.34E-05	<6.91E-05	<1.37E-05	<3.03E-05	<8.57E-06	<7.33E-05	<1.18E-05	0.00015	<8.66E-06	<1.48E-04	<1.37E-05	0.00004	<2.37E-05
T-305		0.0003	0.0012	###	<1.49E-05	0.00083	<1.27E-05	<6.51E-05	<1.29E-05	0.00043	<8.07E-06	0.00052	<1.11E-05	0.00032	<8.16E-06	<1.39E-04	<1.29E-05	<7.06E-06	<2.23E-05
T-306		0.0003	0.0012	###	<1.47E-05	0.00093	<1.25E-05	<6.43E-05	0.00003	0.00054	<7.97E-06	0.00064	<1.09E-05	0.00029	<8.05E-06	<1.37E-04	<1.28E-05	0.00004	<2.20E-05
T-307		0.0002	0.0015	###	<1.47E-05	0.00065	<1.25E-05	<6.42E-05	0.00005	0.00056	<7.95E-06	0.00053	<1.09E-05	0.00026	<8.04E-06	<1.37E-04	<1.27E-05	0.00004	<2.20E-05
T-308		0.0002	0.0006	###	<1.47E-05	0.00061	<1.24E-05	<6.40E-05	0.00003	0.00024	<7.94E-06	<6.79E-05	<1.09E-05	0.00026	<8.02E-06	<1.37E-04	<1.27E-05	0.00004	<2.20E-05
T-309		<9.84E-06	<7.31E-05	<2.3	<1.44E-05	0.00008	<1.22E-05	<6.29E-05	<1.25E-05	<2.76E-05	<7.80E-06	<6.67E-05	<1.07E-05	<2.16E-05	<7.88E-06	<1.35E-04	<1.25E-05	<6.82E-06	<2.16E-05
T-310		0.0002	0.0056	###	<2.89E-05	0.00170	<2.46E-05	0.00934	<2.51E-05	0.00318	<1.57E-05	<1.34E-04	<2.15E-05	0.00071	<1.58E-05	0.00259	<2.51E-05	<1.37E-05	<4.33E-05
T-311		<1.25E-05	0.0009	<2.9	<1.82E-05	0.00010	<1.55E-05	<7.97E-05	<1.58E-05	<3.49E-05	<9.87E-06	<8.45E-05	<1.36E-05	<2.73E-05	<9.98E-06	<1.70E-04	<1.58E-05	<8.64E-06	<2.73E-05
T-312		0.0001	0.0048	###	<1.92E-05	0.00093	<1.63E-05	<8.37E-05	<1.66E-05	0.00025	<1.04E-05	0.00145	<1.42E-05	<2.87E-05	<1.05E-05	<1.79E-04	<1.66E-05	<9.07E-06	<2.87E-05
T-313		0.0001	0.0010	###	<1.66E-05	0.00043	<1.40E-05	<7.23E-05	<1.43E-05	<3.17E-05	<8.96E-06	<7.67E-05	<1.23E-05	<2.48E-05	<9.06E-06	<1.55E-04	<1.43E-05	<7.84E-06	<2.48E-05
T-314		<1.05E-05	<7.77E-05	<2.4	<1.53E-05	<2.61E-05	<1.30E-05	<6.69E-05	<1.33E-05	<2.93E-05	<8.29E-06	<7.09E-05	<1.14E-05	<2.29E-05	<8.38E-06	<1.43E-04	<1.33E-05	<7.26E-06	<2.29E-05
T-401		<1.26E-05	<9.35E-05	<2.9	<1.84E-05	<3.14E-05	<1.56E-05	<8.05E-05	<1.60E-05	<3.53E-05	<9.98E-06	<8.54E-05	<1.37E-05	<2.76E-05	<1.01E-05	<1.72E-04	<1.60E-05	<8.73E-06	<2.76E-05
T-402		0.0002	<1.49E-04	<4.7	0.00015	<4.99E-05	<2.48E-05	<1.28E-04	<2.54E-05	<5.60E-05	<1.59E-05	<1.36E-04	<2.18E-05	<4.38E-05	<1.60E-05	<2.74E-04	<2.54E-05	<1.39E-05	<4.38E-05
T-403		<3.01E-05	<2.24E-04	<7.1	<4.41E-05	<7.51E-05	<3.74E-05	<1.93E-04	<3.82E-05	<8.44E-05	<2.39E-05	<2.04E-04	<3.28E-05	<6.60E-05	<2.41E-05	<4.12E-04	<3.82E-05	<2.09E-05	<6.60E-05
T-404		<1.19E-05	<8.85E-05	<2.8	0.00364	0.00026	<1.48E-05	<7.62E-05	0.00011	<3.34E-05	<9.45E-06	<8.08E-05	0.00070	<2.61E-05	<9.55E-06	<1.63E-04	0.00038	<8.26E-06	0.00033
T-405		<1.02E-05	<7.54E-05	<2.4	<1.49E-05	<2.53E-05	<1.26E-05	<6.50E-05	<1.29E-05	<2.85E-05	<8.05E-06	<6.89E-05	<1.11E-05	<2.23E-05	<8.14E-06	<1.39E-04	<1.29E-05	<7.05E-06	<2.23E-05
T-406		<1.62E-05	<1.20E-04	<3.8	<2.37E-05	<4.03E-05	<2.01E-05	<1.03E-04	<2.05E-05	<4.53E-05	<1.28E-05	<1.10E-04	<1.76E-05	<3.54E-05	<1.30E-05	<2.21E-04	<2.05E-05	<1.12E-05	<3.54E-05
T-407		<1.93E-05	<1.43E-04	<4.5	<2.83E-05	<4.82E-05	<2.40E-05	<1.24E-04	<2.45E-05	<5.41E-05	<1.53E-05	<1.31E-04	<2.10E-05	<4.24E-05	<1.55E-05	<2.64E-04	<2.45E-05	<1.34E-05	<4.24E-05
T-408		<1.55E-05	<1.15E-04	<3.6	<2.27E-05	<3.87E-05	<1.93E-05	<9.93E-05	<1.97E-05	<4.35E-05	<1.23E-05	<1.05E-04	<1.69E-05	<3.40E-05	<1.24E-05	<2.12E-04	<1.97E-05	<1.08E-05	<3.40E-05
T-409		<1.47E-05	<1.09E-04	<3.4	<2.14E-05	<3.65E-05	<1.82E-05	<9.37E-05	<1.86E-05	<4.10E-05	<1.16E-05	<9.93E-05	<1.59E-05	<3.21E-05	<1.17E-05	<2.00E-04	<1.86E-05	<1.02E-05	<3.21E-05
T-410		<1.07E-05	<7.96E-05	<2.5	<1.57E-05	<2.67E-05	<1.33E-05	<6.85E-05	<1.36E-05	<3.00E-05	<8.49E-06	<7.26E-05	<1.17E-05	<2.35E-05	<8.58E-06	<1.47E-04	<1.36E-05	<7.43E-06	<2.35E-05
T-411		<1.17E-05	<8.72E-05	<2.7	<1.72E-05	0.00007	<1.46E-05	<7.51E-05	<1.49E-05	<3.29E-05	<9.30E-06	<7.96E-05	<1.28E-05	<2.57E-05	<9.40E-06	<1.61E-04	<1.49E-05	<8.14E-06	<2.57E-05
T-412		<1.10E-05	<8.16E-05	<2.5	<1.61E-05	<2.74E-05	<1.36E-05	<7.03E-05	<1.39E-05	<3.08E-05	<8.71E-06	<7.45E-05	<1.20E-05	<2.41E-05	<8.80E-06	<1.50E-04	<1.39E-05	<7.62E-06	<2.41E-05
T-413		<1.50E-05	<1.11E-04	<3.5	<2.19E-05	<3.73E-05	<1.86E-05	<9.58E-05	<1.90E-05	<4.20E-05	<1.19E-05	<1.02E-04	<1.63E-05	<3.28E-05	<1.20E-05	<2.05E-04	<1.90E-05	0.00004	<3.28E-05
T-414		<1.05E-05	<7.77E-05	<2.4	<1.53E-05	<2.61E-05	<1.30E-05	<6.69E-05	<1.33E-05	<2.93E-05	<8.29E-06	<7.09E-05	<1.14E-05	<2.29E-05	<8.38E-06	<1.43E-04	<1.33E-05	<7.26E-06	<2.29E-05
T-501		<2.07E-05	<1.54E-04	<4.8	<3.03E-05	<5.16E-05	<2.57E-05	<1.32E-04	<2.63E-05	<5.80E-05	<1.64E-05	<1.40E-04	<2.25E-05	<4.54E-05	<1.66E-05	<2.83E-04	<2.63E-05	<1.44E-05	<4.54E-05
T-502		<1.22E-05	<9.05E-05	<2.8	<1.78E-05	<3.04E-05	<1.51E-05	<7.79E-05	<1.55E-05	<3.41E-05	<9.66E-06	<8.26E-05	<1.33E-05	<2.67E-05	<9.76E-06	<1.67E-04	<1.55E-05	<8.45E-06	<2.67E-05
T-503		0.0001	<1.05E-04	###	0.00011	<3.52E-05	<1.76E-05	<9.04E-05	<1.79E-05	<3.96E-05	<1.12E-05	<9.58E-05	<1.54E-05	<3.10E-05	<1.13E-05	<1.93E-04	<1.79E-05	<9.80E-06	<3.10E-05
T-504		0.0001	<8.06E-05	###	0.00072	<2.71E-05	0.00011	<6.94E-05	0.00005	<3.04E-05	<8.60E-06	<7.36E-05	<1.18E-05	<2.38E-05	<8.69E-06	<1.48E-04	<1.38E-05	<7.52E-06	<2.38E-05
T-505		<9.84E-06	<7.31E-05	###	<1.44E-05	<2.45E-05	<1.22E-05	<6.29E-05	<1.25E-05	<2.76E-05	<7.80E-06	<6.67E-05	<1.07E-05	<2.16E-05	<7.88E-06	<1.35E-04	<1.25E-05	<6.82E-06	<2.16E-05
T-506		<1.31E-05	<9.74E-05	<3.1	<1.92E-05	<3.27E-05	<1.63E-05	<8.39E-05	<1.66E-05	<3.68E-05	<1.04E-05	<8.89E-05	<1.43E-05	<2.88E-05	<1.05E-05	<1.79E-04	<1.66E-05	<9.10E-06	<2.88E-05
T-507		<1.03E-05	<7.65E-05	<2.4	<1.51E-05	<2.57E-05	<1.28E-05	<6.59E-05	<1.31E-05	<2.89E-05	<8.16E-06	<6.98E-05	<1.12E-05	<2.26E-05	<8.25E-06	<1.41E-04	<1.31E-05	<7.14E-06	<2.26E-05
T-508		<1.03E-05	<7.63E-05	<2.4	<1.50E-05	<2.56E-05	<1.28E-05	<6.57E-05	<1.30E-05	<2.88E-05	<8.15E-06	<6.97E-05	<1.12E-05	<2.25E-05	<8.23E-06	<1.41E-04	<1.30E-05	<7.13E-06	<2.25E-05
T-509		<1.02E-05	<7.58E-05	<2.4	<1.49E-05	<2.54E-05	<1.27E-05	<6.53E-05	<1.29E-05	<2.86E-05	<8.09E-06	<6.92E-05	<1.11E-05	<2.24E-05	<8.17E-06	<1.40E-04	<1.29E-05	<7.08E-06	<2.24E-05
T-510		<1.05E-05	<7.83E-05	<2.4	<1.54E-05	<2.63E-05	<1.31E-05	<6.75E-05	<1.34E-05	<2.96E-05	<8.36E-06	<7.15E-05	<1.15E-05	<2.31E-05	<8.45E-06	<1.44E-04	<1.34E-05	<7.31E-06	<2.31E-05

Sample ID	Compound	Methyl iodide	1,2-Dichlorobenzene	Trichlorofluoromethane	Bromochloromethane	Dichlorodifluoromethane	Dichlorotetrafluoroethane	t-Butyl alcohol	1,1-Dichloroethene	Acrylonitrile	1,1,2-Trichlorotrifluoroethane	Allyl chloride	trans-1,2-Dichloroethene	Methyl tert butyl ether	Propionitrile	Ethyl tert butyl ether	Vinyl acetate	Diisopropyl ether
	CAS	4227-95-6	95-50-1	75-69-4	74-97-5	75-71-8	76-14-2	75-65-0	75-35-4	107-13-1	76-13-1	107-05-1	156-60-5	1634-04-4	107-12-0	637-92-3	108-05-4	108-20-3
	MW	142.9	147	137.4	129.4	120.9	170.9	74.1	96.9	53.1	187.4	76.5	96.9	88.1	55.1	102.2	86.1	102.2
Lab Data (ppbv)																		
T-101		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-102		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-103		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-104		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-105		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-106		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-107		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-108		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-109		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-110		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-111		ND	0.79	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-112		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-113		ND	ND	ND	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-114		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-201		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-202		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-203		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-204		ND	ND	0.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-205		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-206		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-207		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-208		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-209		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-210		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-211		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-212		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-213		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-214		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-301		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-302		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-303		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-304		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-305		0.46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-306		0.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-307		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-308		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-309		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-310		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-311		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-312		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-313		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-314		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-401		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-402		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-403		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-404		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-405		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-406		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-407		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-408		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-409		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-410		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-411		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-412		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-413		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-414		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-501		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-502		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-503		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-504		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-505		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-506		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-507		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-508		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-509		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-510		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Sample ID / Compound	Methyl iodide	1,2-Dichlorobenzene	Trichlorofluoromethane	Bromochloromethane	Dichlorodifluoromethane	1,2-Dichlorotetrafluoroethane	t-Butyl alcohol	1,1-Dichloroethene	Acrylonitrile	1,1,2-Trichlorotrifluoroethane	Allyl chloride	trans-1,2-Dichloroethene	Methyl tert butyl ether	Propionitrile	Ethyl tert butyl ether	Vinyl acetate	Diisopropyl ether
CAS	4227-95-6	95-50-1	75-69-4	74-97-5	75-71-8	76-14-2	75-65-0	75-35-4	107-13-1	76-13-1	107-05-1	156-60-5	1634-04-4	107-12-0	637-92-3	108-05-4	108-20-3
MW	142.9	147	137.4	129.4	120.9	170.9	74.1	96.9	53.1	187.4	76.5	96.9	88.1	55.1	102.2	86.1	102.2
MDL (ppbv)																	
T-101	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-102	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-103	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-104	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-105	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-106	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-107	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-108	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-109	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-110	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-111	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-112	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-113	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-114	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-201	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-202	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-203	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-204	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-205	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-206	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-207	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-208	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-209	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-210	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-211	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-212	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-213	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-214	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-301	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-302	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-303	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-304	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-305	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-306	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-307	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-308	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-309	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-310	0.33	1	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-311	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-312	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-313	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-314	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-401	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-402	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-403	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-404	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-405	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-406	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-407	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-408	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-409	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-410	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-411	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-412	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-413	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-414	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-501	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-502	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-503	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-504	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-505	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-506	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-507	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-508	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-509	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33
T-510	0.33	0.67	0.33	0.17	0.5	0.33	0.33	0.17	0.67	0.17	0.17	0.17	0.33	0.83	0.33	0.17	0.33

Sample ID	Compound	Methyl iodide	1,2-Dichlorobenzene	Trichlorofluoromethane	Bromochloromethane	Dichlorodifluoromethane	1,2-Dichlorotetrafluoroethane	t-Butyl alcohol	1,1-Dichloroethene	Acrylonitrile	1,1,2-Trichlorotrifluoroethane	Allyl chloride	trans-1,2-Dichloroethene	Methyl tert butyl ether	Propionitrile	Ethyl tert butyl ether	Vinyl acetate	Diisopropyl ether
CAS		4227-95-6	95-50-1	75-69-4	74-97-5	75-71-8	76-14-2	75-65-0	75-35-4	107-13-1	76-13-1	107-05-1	156-60-5	1634-04-4	107-12-0	637-92-3	108-05-4	108-20-3
MW		142.9	147	137.4	129.4	120.9	170.9	74.1	96.9	53.1	187.4	76.5	96.9	88.1	55.1	102.2	86.1	102.2
Data Used (ug/m3)																		
T-101		<9.19E-01	<1.92E+0(	<8.84E-01	<4.29E-01	<1.18E+0(	<1.10E+0(	<4.77E-01	<3.21E-01	<6.93E-01	<6.21E-01	<2.54E-01	<3.21E-01	<5.67E-01	<8.91E-01	<6.57E-01	<2.85E-01	<6.57E-01
T-102		<9.21E-01	<1.92E+0(	<8.85E-01	<4.30E-01	<1.18E+0(	<1.10E+0(	<4.78E-01	<3.22E-01	<6.95E-01	<6.22E-01	<2.54E-01	<3.22E-01	<5.68E-01	<8.93E-01	<6.59E-01	<2.86E-01	<6.59E-01
T-103		<9.36E-01	<1.95E+0(	<9.00E-01	<4.37E-01	<1.20E+0(	<1.12E+0(	<4.85E-01	<3.27E-01	<7.06E-01	<6.32E-01	<2.58E-01	<3.27E-01	<5.77E-01	<9.08E-01	<6.69E-01	<2.90E-01	<6.69E-01
T-104		<9.22E-01	<1.93E+0(	<8.87E-01	<4.30E-01	<1.18E+0(	<1.10E+0(	<4.78E-01	<3.22E-01	<6.96E-01	<6.23E-01	<2.54E-01	<3.22E-01	<5.69E-01	<8.95E-01	<6.60E-01	<2.86E-01	<6.60E-01
T-105		<9.27E-01	<1.94E+0(	<8.92E-01	<4.33E-01	<1.19E+0(	<1.11E+0(	<4.81E-01	<3.24E-01	<7.00E-01	<6.27E-01	<2.56E-01	<3.24E-01	<5.72E-01	<8.99E-01	<6.63E-01	<2.88E-01	<6.63E-01
T-106		<9.19E-01	<1.92E+0(	<8.84E-01	<4.29E-01	<1.18E+0(	<1.10E+0(	<4.77E-01	<3.21E-01	<6.93E-01	<6.21E-01	<2.54E-01	<3.21E-01	<5.67E-01	<8.91E-01	<6.57E-01	<2.85E-01	<6.57E-01
T-107		<9.16E-01	<1.91E+0(	<8.81E-01	<4.27E-01	<1.17E+0(	<1.10E+0(	<4.75E-01	<3.20E-01	<6.91E-01	<6.19E-01	<2.53E-01	<3.20E-01	<5.65E-01	<8.88E-01	<6.55E-01	<2.84E-01	<6.55E-01
T-108		<9.19E-01	<1.92E+0(	<8.84E-01	<4.29E-01	<1.18E+0(	<1.10E+0(	<4.77E-01	<3.21E-01	<6.93E-01	<6.21E-01	<2.54E-01	<3.21E-01	<5.67E-01	<8.91E-01	<6.57E-01	<2.85E-01	<6.57E-01
T-109		<9.14E-01	<1.91E+0(	<8.79E-01	<4.27E-01	<1.17E+0(	<1.09E+0(	<4.74E-01	<3.19E-01	<6.90E-01	<6.18E-01	<2.52E-01	<3.19E-01	<5.64E-01	<8.87E-01	<6.54E-01	<2.84E-01	<6.54E-01
T-110		<9.16E-01	<1.91E+0(	<8.81E-01	<4.27E-01	<1.17E+0(	<1.10E+0(	<4.75E-01	<3.20E-01	<6.91E-01	<6.19E-01	<2.53E-01	<3.20E-01	<5.65E-01	<8.88E-01	<6.55E-01	<2.84E-01	<6.55E-01
T-111		<9.14E-01	4.503355	<8.79E-01	<4.27E-01	<1.17E+0(	<1.09E+0(	<4.74E-01	<3.19E-01	<6.90E-01	<6.18E-01	<2.52E-01	<3.19E-01	<5.64E-01	<8.87E-01	<6.54E-01	<2.84E-01	<6.54E-01
T-112		<8.89E-01	<1.86E+0(	<8.55E-01	<4.15E-01	<1.14E+0(	<1.06E+0(	<4.61E-01	<3.11E-01	<6.71E-01	<6.01E-01	<2.45E-01	<3.11E-01	<5.48E-01	<8.62E-01	<6.36E-01	<2.76E-01	<6.36E-01
T-113		<8.89E-01	<1.86E+0(	<8.55E-01	0.927184	<1.14E+0(	<1.06E+0(	<4.61E-01	<3.11E-01	<6.71E-01	<6.01E-01	<2.45E-01	<3.11E-01	<5.48E-01	<8.62E-01	<6.36E-01	<2.76E-01	<6.36E-01
T-114		<9.67E-01	<2.02E+0(	<9.30E-01	<4.51E-01	<1.24E+0(	<1.16E+0(	<5.02E-01	<3.38E-01	<7.30E-01	<6.54E-01	<2.67E-01	<3.38E-01	<5.96E-01	<9.38E-01	<6.92E-01	<3.00E-01	<6.92E-01
T-201		<9.44E-01	<1.97E+0(	<9.08E-01	<4.41E-01	<1.21E+0(	<1.13E+0(	<4.90E-01	<3.30E-01	<7.12E-01	<6.38E-01	<2.60E-01	<3.30E-01	<5.82E-01	<9.16E-01	<6.75E-01	<2.93E-01	<6.75E-01
T-202		<9.46E-01	<1.98E+0(	<9.10E-01	<4.41E-01	<1.21E+0(	<1.13E+0(	<4.91E-01	<3.31E-01	<7.14E-01	<6.39E-01	<2.61E-01	<3.31E-01	<5.83E-01	<9.18E-01	<6.77E-01	<2.94E-01	<6.77E-01
T-203		<9.36E-01	<1.95E+0(	<9.00E-01	<4.37E-01	<1.20E+0(	<1.12E+0(	<4.85E-01	<3.27E-01	<7.06E-01	<6.32E-01	<2.58E-01	<3.27E-01	<5.77E-01	<9.08E-01	<6.69E-01	<2.90E-01	<6.69E-01
T-204		<9.41E-01	<1.97E+0(	3.509293	<4.39E-01	<1.21E+0(	<1.13E+0(	<4.88E-01	<3.29E-01	<7.10E-01	<6.36E-01	<2.59E-01	<3.29E-01	<5.80E-01	<9.13E-01	<6.73E-01	<2.92E-01	<6.73E-01
T-205		<9.22E-01	<1.93E+0(	<8.87E-01	<4.30E-01	<1.18E+0(	<1.10E+0(	<4.78E-01	<3.22E-01	<6.96E-01	<6.23E-01	<2.54E-01	<3.22E-01	<5.69E-01	<8.95E-01	<6.60E-01	<2.86E-01	<6.60E-01
T-206		<8.91E-01	<1.86E+0(	<8.56E-01	<4.16E-01	<1.14E+0(	<1.07E+0(	<4.62E-01	<3.11E-01	<6.72E-01	<6.02E-01	<2.46E-01	<3.11E-01	<5.49E-01	<8.64E-01	<6.37E-01	<2.76E-01	<6.37E-01
T-207		<9.24E-01	<1.93E+0(	<8.89E-01	<4.31E-01	<1.18E+0(	<1.11E+0(	<4.79E-01	<3.23E-01	<6.97E-01	<6.24E-01	<2.55E-01	<3.23E-01	<5.70E-01	<8.96E-01	<6.61E-01	<2.87E-01	<6.61E-01
T-208		<8.91E-01	<1.86E+0(	<8.56E-01	<4.16E-01	<1.14E+0(	<1.07E+0(	<4.62E-01	<3.11E-01	<6.72E-01	<6.02E-01	<2.46E-01	<3.11E-01	<5.49E-01	<8.64E-01	<6.37E-01	<2.76E-01	<6.37E-01
T-209		<9.22E-01	<1.93E+0(	<8.87E-01	<4.30E-01	<1.18E+0(	<1.10E+0(	<4.78E-01	<3.22E-01	<6.96E-01	<6.23E-01	<2.54E-01	<3.22E-01	<5.69E-01	<8.95E-01	<6.60E-01	<2.86E-01	<6.60E-01
T-210		<9.19E-01	<1.92E+0(	<8.84E-01	<4.29E-01	<1.18E+0(	<1.10E+0(	<4.77E-01	<3.21E-01	<6.93E-01	<6.21E-01	<2.54E-01	<3.21E-01	<5.67E-01	<8.91E-01	<6.57E-01	<2.85E-01	<6.57E-01
T-211		<9.19E-01	<1.92E+0(	<8.84E-01	<4.29E-01	<1.18E+0(	<1.10E+0(	<4.77E-01	<3.21E-01	<6.93E-01	<6.21E-01	<2.54E-01	<3.21E-01	<5.67E-01	<8.91E-01	<6.57E-01	<2.85E-01	<6.57E-01
T-212		<9.10E-01	<1.90E+0(	<8.75E-01	<4.24E-01	<1.17E+0(	<1.09E+0(	<4.72E-01	<3.18E-01	<6.86E-01	<6.14E-01	<2.51E-01	<3.18E-01	<5.61E-01	<8.82E-01	<6.50E-01	<2.82E-01	<6.50E-01
T-213		<9.10E-01	<1.90E+0(	<8.75E-01	<4.24E-01	<1.17E+0(	<1.09E+0(	<4.72E-01	<3.18E-01	<6.86E-01	<6.14E-01	<2.51E-01	<3.18E-01	<5.61E-01	<8.82E-01	<6.50E-01	<2.82E-01	<6.50E-01
T-214		<9.67E-01	<2.02E+0(	<9.30E-01	<4.51E-01	<1.24E+0(	<1.16E+0(	<5.02E-01	<3.38E-01	<7.30E-01	<6.54E-01	<2.67E-01	<3.38E-01	<5.96E-01	<9.38E-01	<6.92E-01	<3.00E-01	<6.92E-01
T-301		<9.44E-01	<1.97E+0(	<9.08E-01	<4.41E-01	<1.21E+0(	<1.13E+0(	<4.90E-01	<3.30E-01	<7.12E-01	<6.38E-01	<2.60E-01	<3.30E-01	<5.82E-01	<9.16E-01	<6.75E-01	<2.93E-01	<6.75E-01
T-302		<9.53E-01	<1.99E+0(	<9.16E-01	<4.45E-01	<1.22E+0(	<1.14E+0(	<4.94E-01	<3.33E-01	<7.19E-01	<6.44E-01	<2.63E-01	<3.33E-01	<5.88E-01	<9.24E-01	<6.82E-01	<2.96E-01	<6.82E-01
T-303		<9.50E-01	<1.98E+0(	<9.13E-01	<4.43E-01	<1.22E+0(	<1.14E+0(	<4.92E-01	<3.32E-01	<7.16E-01	<6.42E-01	<2.62E-01	<3.32E-01	<5.85E-01	<9.21E-01	<6.79E-01	<2.95E-01	<6.79E-01
T-304		<9.43E-01	<1.97E+0(	<9.06E-01	<4.40E-01	<1.21E+0(	<1.13E+0(	<4.89E-01	<3.29E-01	<7.11E-01	<6.37E-01	<2.60E-01	<3.29E-01	<5.81E-01	<9.14E-01	<6.74E-01	<2.93E-01	<6.74E-01
T-305		2.594944	<1.94E+0(	<8.95E-01	<4.34E-01	<1.19E+0(	<1.11E+0(	<4.83E-01	<3.25E-01	<7.02E-01	<6.29E-01	<2.57E-01	<3.25E-01	<5.74E-01	<9.03E-01	<6.66E-01	<2.89E-01	<6.66E-01
T-306		2.533972	<1.94E+0(	<8.93E-01	<4.33E-01	<1.19E+0(	<1.11E+0(	<4.82E-01	<3.25E-01	<7.01E-01	<6.28E-01	<2.56E-01	<3.25E-01	<5.73E-01	<9.01E-01	<6.64E-01	<2.88E-01	<6.64E-01
T-307		<9.27E-01	<1.94E+0(	<8.92E-01	<4.33E-01	<1.19E+0(	<1.11E+0(	<4.81E-01	<3.24E-01	<7.00E-01	<6.27E-01	<2.56E-01	<3.24E-01	<5.72E-01	<8.99E-01	<6.63E-01	<2.88E-01	<6.63E-01
T-308		<9.26E-01	<1.93E+0(	<8.90E-01	<4.32E-01	<1.19E+0(	<1.11E+0(	<4.80E-01	<3.23E-01	<6.98E-01	<6.25E-01	<2.55E-01	<3.23E-01	<5.71E-01	<8.98E-01	<6.62E-01	<2.87E-01	<6.62E-01
T-309		<9.10E-01	<1.90E+0(	<8.75E-01	<4.24E-01	<1.17E+0(	<1.09E+0(	<4.72E-01	<3.18E-01	<6.86E-01	<6.14E-01	<2.51E-01	<3.18E-01	<5.61E-01	<8.82E-01	<6.50E-01	<2.82E-01	<6.50E-01
T-310		<9.18E-01	<2.86E+0(	<8.82E-01	<4.28E-01	<1.18E+0(	<1.10E+0(	<4.76E-01	<3.21E-01	<6.92E-01	<6.20E-01	<2.53E-01	<3.21E-01	<5.66E-01	<8.90E-01	<6.56E-01	<2.85E-01	<6.56E-01
T-311		<9.03E-01	<1.89E+0(	<8.68E-01	<4.21E-01	<1.16E+0(	<1.08E+0(	<4.68E-01	<3.15E-01	<6.81E-01	<6.10E-01	<2.49E-01	<3.15E-01	<5.57E-01	<8.76E-01	<6.46E-01	<2.80E-01	<6.46E-01
T-312		<9.06E-01	<1.89E+0(	<8.71E-01	<4.23E-01	<1.16E+0(	<1.08E+0(	<4.70E-01	<3.17E-01	<6.84E-01	<6.12E-01	<2.50E-01	<3.17E-01	<5.59E-01	<8.79E-01	<6.48E-01	<2.81E-01	<6.48E-01
T-313		<9.06E-01	<1.89E+0(	<8.71E-01	<4.23E-01	<1.16E+0(	<1.08E+0(	<4.70E-01	<3.17E-01	<6.84E-01	<6.12E-01	<2.50E-01	<3.17E-01	<5.59E-01	<8.79E-01	<6.48E-01	<2.81E-01	<6.48E-01
T-314		<9.67E-01	<2.02E+0(	<9.30E-01	<4.51E-01	<1.24E+0(	<1.16E+0(	<5.02E-01	<3.38E-01	<7.30E-01	<6.54E-01	<2.67E-01	<3.38E-01	<5.96E-01	<9.38E-01	<6.92E-01	<3.00E-01	<6.92E-01
T-401		<9.53E-01	<1.99E+0(	<9.16E-01	<4.45E-01	<1.22E+0(	<1.14E+0(	<4.94E-01	<3.33E-01	<7.19E-01	<6.44E-01	<2.63E-01	<3.33E-01	<5.88E-01	<9.24E-01	<6.82E-01	<2.96E-01	<6.82E-01
T-402		<9.38E-01	<1.96E+0(	<9.01E-01	<4.37E-01	<1.20E+0(	<1.12E+0(	<4.86E-01	<3.28E-01	<7.07E-01	<6.33E-01	<2.59E-01	<3.28E-01	<5.78E-01	<9.09E-01	<6.71E-01	<2.91E-01	<6.71E-01
T-403		<9.43E-01	<1.97E+0(	<9.06E-01	<4.40E-01	<1.21E+0(	<1.13E+0(	<4.89E-01	<3.29E-01	<7.11E-01	<6.37E-01	<2.60E-01	<3.29E-01	<5.81E-01	<9.14E-01	<6.74E-01	<2.93E-01	<6.74E-01
T-404		<9.66E-01	<2.02E+0(	<9.28E-01	<4.50E-01	<1.24E+0(	<1.15E+0(	<5.01E-01	<3.37E-01	<7.28E-01	<6.52E-01	<2.66E-01	<3.37E-01	<5.95E-01	<9.36E-01	<6.91E-01	<3.00E-01	<6.91E-01
T-405		<9.39E-01	<1.96E+0(	<9.03E-01	<4.38E-01	<1.20E+0(	<1.12E+0(	<4.87E-01	<3.28E-01	<7.09E-01	<6.35E-01	<2.59E-01	<3.28E-01	<5.79E-01	<9.11E-01	<6.72E-01	<2.92E-01	<6.72E-01
T-406		<9.27E-01	<1.94E+0(	<8.92E-01	<4.33E-01	<1.19E+0(	<1.11E+0(	<4.81E-01	<3.24E-01	<7.00E-01	<6.27E-01	<2.56E-01	<3.24E-01	<5.72E-01	<8.99E-01	<6.63E-01	<2.88E-01	<6.63E-01
T-407		<9.22E-01	<1.93E+0(	<8.87E-01	<4.30E-01	<1.18E+0(	<1.10E+0(	<4.78E-01	<3.22E-01	<6.96E-01	<6.23E-01	<2.54E-01	<3.22E-01	<5.69E-01	<8.95E-01	<6.60E-01	<2.86E-01	<6.60E-01
T-408		<9.36E-01	<1.95E+0(	<9.00E-01	<4.37E-01	<1.20E+0(	<1.12E+0(	<4.85E-01	<3.27E-01	<7.06E-01	<6.32E-01	<2.58E-01	<3.27E-01	<5.77E-01	<9.08E-01	<6.69E-01	<2.90E-01	<6.69E-01
T-409		<9.14E-01	<1.91E+0(	<8.79E-01	<4.27E-01	<1.17E+0(	<1.09E+0(	<4.74E-01	<3.19E-01	<6.90E-01	<6.18E-01	<2.52E-01	<3.19E-01	<5.64E-01	<8.87E-01	<6.54E-01	<2.84E-01	<6.54E-01
T-410		<9.21E-01	<1.92E+0(	<8.85E-01	<4.30E-01	<1.18E+0(	<1.10E+0(	<4.78E-01	<3.22E-01	<6.95E-01	<6.22E-01	<2.54E-01	<3.22E-01	<5.68E-01	<8.93E-01	<6.59E-01	<2.86E-01	<6.59E-01
T-411		<9.11E-01	<1.90E+0(	<8.76E-01	<4.25E-01	<1.17E+0(	<1.09E+0(	<4.72E-01	<3.18E-01	<6.87E-01	<6.16E-01	<2.51E-01	<3.18E-01	<5.62E-01	<8.84E-01	<6.52E-01	<2.83E-01	<6.52E-01
T-412		<9.14E-01	<1.91E+0(	<8.79E-01	<4.27E-01	<1.17E+0(	<1.09E+0(	<4.74E-01	<3.19E-01	<6.90E-01	<6.18E-01	<2.52E-01	<3.19E-01	<5.64E-01	<8.87E-01	<6.54E-01	<2.84E-01	<6.54E-01
T-413		<9.14E-01	<1.91E+0(	<8.79E-01	<4.27E-01	<1.17E+0(	<1.09E+0(	<4.74E-01	<3.19E-01	<6.90E-01	<6.18E-01	<2.52E-01	<3.19E-01	<5.64E-01	<8.87E-01	<6.54E-01	<2.84E-01	<6.54E-01
T-414		<9.67E-01	<2.02E+0(	<9.30E-01	<4.51E-01	<1.24E+0(	<1.16E+0(	<5.02E-01	<3.38E-01	<7.30E-01	<6.54E-01	<2.67E-01	<3.38E-01	<5.96E-01	<9.38E-01	<6.92E-01	<3.00E-01	<6.92E-01
T-501		<9.43E-01	<1.97E+0(	<9.06E-01	<4.40E-01	<1.21E+0(	<1.13E+0(	<4.89E-01	<3.29E-01	<7.11E-01	<6.37E-01	<2.60E-01	<3.29E-01	<5.81E-01	<9.14E-01	<6.74E-01	<2.93E-01	<6.74E-01
T-502		<9.29E-01	<1.94E+0(	<8.93E-01	<4.33E-01	<1.19E+0(	<1.11E+0(	<4.82E-01	<3.25E-01	<7.01E-01	<6.28E-01	<2.56E-01	<3.25E-01	<5.73E-01	<9.01E-01	<6.64E-01	<2.88E-01	<6.64E-01
T-503		<9.36E-01	<1.95E+0(	<9.00E-01	<4.37E-01	<1.20E+0(	<1.12E+0(	<4.85E-01	<3.27E-01	<7.06E-01	<6.32E-01	<2.58E-01	<3.27E-01	<5.77E-01	<9.08E-01	<6.69E-01	<2.90E-01	<6.69E-01
T-504		<9.32E-01	<1.95E+0(	<8.97E-01	<4.35E-01	<1.20E+0(	<1.12E+0(	<4.84E-01	<3.26E-01	<7.03E-01	<6.30E-01	<2.57E-01	<3.26E-01	<5.75E-01	<9.04E-01	<6.67E-01	<2.89E-01	<6.67E-01
T-505		<9.10E-01	<1.90E+0(	<8.75E-01	<4.24E-01	<1.17E+0(	<1.09E+0(	<4.72E-01	<3.18E-01	<6.86E-01	<6.14E-01	<2.51E-01	<3.18E-01	<5.61E-01	<8.82E-01	<6.50E-01	<2.82E-01	<6.50E-01
T-506		<9.16E-01	<1.91E+0(	<8.81E-01	<4.27E-01	<1.17E+0(	<1.10E+0(	<4.75E-01	<3.20E-01	<6.91E-01	<6.19E-01	<2.53E-01	<3.20E-01	<5.65E-01	<8.88E-01	<6.55E-01	<2.84E-01	<6.55E-01
T-507		<9.43E-01	<1.97E+0(	<9.06E-01	<4.40E-01	<1.21E+0(	<1.13E+0(	<4.89E-01	<3.29E-01	<7.11E-01	<6.37E-01	<2.60E-01	<3.29E-01	<5.81E-01	<9.14E-01	<6.74E-01	<2.93E-01	<6.74E-01
T-508		<9.22E-01	<1.93E+0(	<8.87E-01	<4.30E-01	<1.18E+0(	<1.10E+0(	<4.78E-01	<3.22E-01	<6.96E-01	<6.23E-01	<2.54E-01	<3.22E-01	<5.69E-01	<8.95E-01	<6.60E-01	<2.86E-01	<6.60E-01
T-509		<9.22E-01	<1.93E+0(	<8.87E-01	<4.30E-01	<1.18E+0(	<1.10E+0(	<4.78E-01	<3.22E-01	<6.96E-01	<6.23E-01	<2.54E-01	<3.22E-01	<5.69E-01	<8.95E-01	<6.60E-01	<2.86E-01	<6.60E-01
T-510		<9.67E-01	<2.02E+0(	<9.30E-01	<4.51E-01	<1.24E+0(	<1.16E+0(	<5.02E-01	<3.38E-01	<7.30E-01	<6.54E-01	<2.67E-01	<3.38E-01	<5.96E-01	<9.38E-01	<6.92E-01	<3.00E-01	<6.92E-01

Sample ID	Compound	Methyl iodide	1,2-Dichlorobenzene	Trichlorofluoromethane	Bromochloromethane	Dichlorodifluoromethane	1,2-Dichlorotetrafluoroethane	t-Butyl alcohol	1,1-Dichloroethene	Acrylonitrile	1,1,2-Trichlorotrifluoroethane	Allyl chloride	trans-1,2-Dichloroethene	Methyl tert butyl ether	Propionitrile	Ethyl tert butyl ether	Vinyl acetate	Diisopropyl ether
	CAS	4227-95-6	95-50-1	75-69-4	74-97-5	75-71-8	76-14-2	75-65-0	75-35-4	107-13-1	76-13-1	107-05-1	156-60-5	1634-04-4	107-12-0	637-92-3	108-05-4	108-20-3
	MW	142.9	147	137.4	129.4	120.9	170.9	74.1	96.9	53.1	187.4	76.5	96.9	88.1	55.1	102.2	86.1	102.2
Flux (mg/m2-min)																		
T-101		<1.71E-04	<3.57E-04	<1.64E-04	<7.98E-05	<2.19E-04	<2.04E-04	<8.87E-05	<5.97E-05	<1.29E-04	<1.15E-04	<4.71E-05	<5.97E-05	<1.05E-04	<1.66E-04	<1.22E-04	<5.31E-05	<1.22E-04
T-102		<9.99E-05	<2.09E-04	<9.61E-05	<4.66E-05	<1.28E-04	<1.19E-04	<5.18E-05	<3.49E-05	<7.54E-05	<6.75E-05	<2.76E-05	<3.49E-05	<6.16E-05	<9.69E-05	<7.15E-05	<3.10E-05	<7.15E-05
T-103		<1.07E-04	<2.23E-04	<1.03E-04	<4.99E-05	<1.37E-04	<1.28E-04	<5.55E-05	<3.74E-05	<8.07E-05	<7.23E-05	<2.95E-05	<3.74E-05	<6.60E-05	<1.04E-04	<7.65E-05	<3.32E-05	<7.65E-05
T-104		<1.48E-04	<3.09E-04	<1.42E-04	<6.91E-05	<1.90E-04	<1.77E-04	<7.68E-05	<5.17E-05	<1.12E-04	<1.00E-04	<4.08E-05	<5.17E-05	<9.13E-05	<1.44E-04	<1.06E-04	<4.60E-05	<1.06E-04
T-105		<4.17E-05	<8.71E-05	<4.01E-05	<1.94E-05	<5.34E-05	<4.99E-05	<2.16E-05	<1.46E-05	<3.15E-05	<2.82E-05	<1.15E-05	<1.46E-05	<2.57E-05	<4.04E-05	<2.98E-05	<1.29E-05	<2.98E-05
T-106		<4.36E-05	<9.10E-05	<4.19E-05	<2.03E-05	<5.58E-05	<5.21E-05	<2.26E-05	<1.52E-05	<3.29E-05	<2.94E-05	<1.20E-05	<1.52E-05	<2.69E-05	<4.23E-05	<3.12E-05	<1.35E-05	<3.12E-05
T-107		<8.35E-05	<1.74E-04	<8.03E-05	<3.89E-05	<1.07E-04	<9.98E-05	<4.33E-05	<2.92E-05	<6.30E-05	<5.64E-05	<2.30E-05	<2.92E-05	<5.15E-05	<8.10E-05	<5.97E-05	<2.59E-05	<5.97E-05
T-108		<4.66E-05	<9.73E-05	<4.48E-05	<2.17E-05	<5.97E-05	<5.57E-05	<2.42E-05	<1.63E-05	<3.51E-05	<3.15E-05	<1.28E-05	<1.63E-05	<2.87E-05	<4.52E-05	<3.33E-05	<1.45E-05	<3.33E-05
T-109		<6.49E-05	<1.36E-04	<6.24E-05	<3.03E-05	<8.32E-05	<7.76E-05	<3.37E-05	<2.27E-05	<4.90E-05	<4.39E-05	<1.79E-05	<2.27E-05	<4.00E-05	<6.29E-05	<4.64E-05	<2.01E-05	<4.64E-05
T-110		<8.70E-05	<1.82E-04	<8.36E-05	<4.06E-05	<1.12E-04	<1.04E-04	<4.51E-05	<3.04E-05	<6.56E-05	<5.88E-05	<2.40E-05	<3.04E-05	<5.36E-05	<8.44E-05	<6.22E-05	<2.70E-05	<6.22E-05
T-111		<3.61E-04	0.00178	<3.47E-04	<1.68E-04	<4.63E-04	<4.32E-04	<1.87E-04	<1.26E-04	<2.72E-04	<2.44E-04	<9.95E-05	<1.26E-04	<2.23E-04	<3.50E-04	<2.58E-04	<1.12E-04	<2.58E-04
T-112		<1.47E-04	<3.07E-04	<1.41E-04	<6.85E-05	<1.88E-04	<1.76E-04	<7.61E-05	<5.13E-05	<1.11E-04	<9.92E-05	<4.05E-05	<5.13E-05	<9.05E-05	<1.42E-04	<1.05E-04	<4.56E-05	<1.05E-04
T-113		<8.70E-05	<1.82E-04	<8.36E-05	0.00009	<1.12E-04	<1.04E-04	<4.51E-05	<3.04E-05	<6.56E-05	<5.88E-05	<2.40E-05	<3.04E-05	<5.36E-05	<8.44E-05	<6.22E-05	<2.70E-05	<6.22E-05
T-114		<3.93E-05	<8.20E-05	<3.77E-05	<1.83E-05	<5.03E-05	<4.69E-05	<2.04E-05	<1.37E-05	<2.96E-05	<2.65E-05	<1.08E-05	<1.37E-05	<2.42E-05	<3.81E-05	<2.81E-05	<1.22E-05	<2.81E-05
T-201		<3.63E-05	<7.59E-05	<3.49E-05	<1.69E-05	<4.66E-05	<4.34E-05	<1.88E-05	<1.27E-05	<2.74E-05	<2.45E-05	<1.00E-05	<1.27E-05	<2.24E-05	<3.52E-05	<2.60E-05	<1.13E-05	<2.60E-05
T-202		<3.64E-05	<7.60E-05	<3.50E-05	<1.70E-05	<4.66E-05	<4.35E-05	<1.89E-05	<1.27E-05	<2.75E-05	<2.46E-05	<1.00E-05	<1.27E-05	<2.24E-05	<3.53E-05	<2.60E-05	<1.13E-05	<2.60E-05
T-203		<6.94E-05	<1.45E-04	<6.67E-05	<3.24E-05	<8.90E-05	<8.30E-05	<3.60E-05	<2.42E-05	<5.24E-05	<4.69E-05	<1.91E-05	<2.42E-05	<4.28E-05	<6.73E-05	<4.96E-05	<2.15E-05	<4.96E-05
T-204		<6.98E-05	<1.46E-04	0.00026	<3.25E-05	<8.94E-05	<8.34E-05	<3.62E-05	<2.44E-05	<5.26E-05	<4.71E-05	<1.92E-05	<2.44E-05	<4.30E-05	<6.77E-05	<4.99E-05	<2.17E-05	<4.99E-05
T-205		<6.34E-05	<1.32E-04	<6.10E-05	<2.96E-05	<8.13E-05	<7.58E-05	<3.29E-05	<2.22E-05	<4.78E-05	<4.28E-05	<1.75E-05	<2.22E-05	<3.91E-05	<6.15E-05	<4.54E-05	<1.97E-05	<4.54E-05
T-206		<3.82E-05	<7.98E-05	<3.67E-05	<1.78E-05	<4.90E-05	<4.57E-05	<1.98E-05	<1.33E-05	<2.88E-05	<2.58E-05	<1.05E-05	<1.33E-05	<2.35E-05	<3.70E-05	<2.73E-05	<1.19E-05	<2.73E-05
T-207		<8.44E-05	<1.76E-04	<8.12E-05	<3.94E-05	<1.08E-04	<1.01E-04	<4.38E-05	<2.95E-05	<6.37E-05	<5.70E-05	<2.33E-05	<2.95E-05	<5.21E-05	<8.19E-05	<6.04E-05	<2.62E-05	<6.04E-05
T-208		<5.59E-05	<1.17E-04	<5.38E-05	<2.61E-05	<7.17E-05	<6.69E-05	<2.90E-05	<1.95E-05	<4.22E-05	<3.78E-05	<1.54E-05	<1.95E-05	<3.45E-05	<5.43E-05	<4.00E-05	<1.74E-05	<4.00E-05
T-209		<7.67E-05	<1.60E-04	<7.38E-05	<3.58E-05	<9.84E-05	<9.18E-05	<3.98E-05	<2.68E-05	<5.79E-05	<5.18E-05	<2.12E-05	<2.68E-05	<4.73E-05	<7.44E-05	<5.49E-05	<2.38E-05	<5.49E-05
T-210		<9.37E-05	<1.96E-04	<9.00E-05	<4.37E-05	<1.20E-04	<1.12E-04	<4.86E-05	<3.27E-05	<7.07E-05	<6.33E-05	<2.58E-05	<3.27E-05	<5.77E-05	<9.08E-05	<6.70E-05	<2.91E-05	<6.70E-05
T-211		<1.31E-04	<2.73E-04	<1.26E-04	<6.11E-05	<1.68E-04	<1.57E-04	<6.79E-05	<4.57E-05	<9.87E-05	<8.84E-05	<3.61E-05	<4.57E-05	<8.07E-05	<1.27E-04	<9.36E-05	<4.06E-05	<9.36E-05
T-212		<2.05E-04	<4.28E-04	<1.97E-04	<9.56E-05	<2.63E-04	<2.45E-04	<1.06E-04	<7.16E-05	<1.55E-04	<1.38E-04	<5.65E-05	<7.16E-05	<1.26E-04	<1.99E-04	<1.47E-04	<6.36E-05	<1.47E-04
T-213		<2.06E-04	<4.31E-04	<1.98E-04	<9.63E-05	<2.65E-04	<2.47E-04	<1.07E-04	<7.21E-05	<1.56E-04	<1.39E-04	<5.69E-05	<7.21E-05	<1.27E-04	<2.00E-04	<1.48E-04	<6.41E-05	<1.48E-04
T-214		<3.76E-05	<7.84E-05	<3.61E-05	<1.75E-05	<4.81E-05	<4.49E-05	<1.95E-05	<1.31E-05	<2.83E-05	<2.54E-05	<1.04E-05	<1.31E-05	<2.32E-05	<3.64E-05	<2.69E-05	<1.17E-05	<2.69E-05
T-301		<7.21E-05	<1.51E-04	<6.94E-05	<3.36E-05	<9.25E-05	<8.63E-05	<3.74E-05	<2.52E-05	<5.44E-05	<4.87E-05	<1.99E-05	<2.52E-05	<4.45E-05	<7.00E-05	<5.16E-05	<2.24E-05	<5.16E-05
T-302		<3.87E-05	<8.08E-05	<3.72E-05	<1.81E-05	<4.96E-05	<4.63E-05	<2.01E-05	<1.35E-05	<2.92E-05	<2.61E-05	<1.07E-05	<1.35E-05	<2.39E-05	<3.75E-05	<2.77E-05	<1.20E-05	<2.77E-05
T-303		<4.08E-05	<8.51E-05	<3.92E-05	<1.90E-05	<5.22E-05	<4.87E-05	<2.11E-05	<1.42E-05	<3.07E-05	<2.75E-05	<1.12E-05	<1.42E-05	<2.51E-05	<3.95E-05	<2.91E-05	<1.27E-05	<2.91E-05
T-304		<3.84E-05	<8.03E-05	<3.70E-05	<1.79E-05	<4.93E-05	<4.60E-05	<1.99E-05	<1.34E-05	<2.90E-05	<2.60E-05	<1.06E-05	<1.34E-05	<2.37E-05	<3.73E-05	<2.75E-05	<1.19E-05	<2.75E-05
T-305		0.00010	<7.56E-05	<3.48E-05	<1.69E-05	<4.64E-05	<4.33E-05	<1.88E-05	<1.27E-05	<2.73E-05	<2.45E-05	<9.99E-06	<1.27E-05	<2.23E-05	<3.51E-05	<2.59E-05	<1.12E-05	<2.59E-05
T-306		0.00010	<7.46E-05	<3.44E-05	<1.67E-05	<4.58E-05	<4.27E-05	<1.85E-05	<1.25E-05	<2.70E-05	<2.41E-05	<9.86E-06	<1.25E-05	<2.20E-05	<3.47E-05	<2.56E-05	<1.11E-05	<2.56E-05
T-307		<3.57E-05	<7.45E-05	<3.43E-05	<1.66E-05	<4.57E-05	<4.27E-05	<1.85E-05	<1.25E-05	<2.69E-05	<2.41E-05	<9.84E-06	<1.25E-05	<2.20E-05	<3.46E-05	<2.55E-05	<1.11E-05	<2.55E-05
T-308		<3.56E-05	<7.44E-05	<3.42E-05	<1.66E-05	<4.56E-05	<4.26E-05	<1.85E-05	<1.24E-05	<2.69E-05	<2.41E-05	<9.82E-06	<1.24E-05	<2.20E-05	<3.45E-05	<2.55E-05	<1.11E-05	<2.55E-05
T-309		<3.50E-05	<7.31E-05	<3.36E-05	<1.63E-05	<4.48E-05	<4.18E-05	<1.81E-05	<1.22E-05	<2.64E-05	<2.36E-05	<9.65E-06	<1.22E-05	<2.16E-05	<3.39E-05	<2.50E-05	<1.09E-05	<2.50E-05
T-310		<7.03E-05	<2.19E-04	<6.76E-05	<3.28E-05	<9.01E-05	<8.41E-05	<3.65E-05	<2.46E-05	<5.30E-05	<4.75E-05	<1.94E-05	<2.46E-05	<4.33E-05	<6.82E-05	<5.03E-05	<2.18E-05	<5.03E-05
T-311		<4.43E-05	<9.25E-05	<4.26E-05	<2.07E-05	<5.68E-05	<5.30E-05	<2.30E-05	<1.55E-05	<3.34E-05	<2.99E-05	<1.22E-05	<1.55E-05	<2.73E-05	<4.30E-05	<3.17E-05	<1.37E-05	<3.17E-05
T-312		<4.65E-05	<9.72E-05	<4.47E-05	<2.17E-05	<5.96E-05	<5.56E-05	<2.41E-05	<1.63E-05	<3.51E-05	<3.14E-05	<1.28E-05	<1.63E-05	<2.87E-05	<4.51E-05	<3.33E-05	<1.44E-05	<3.33E-05
T-313		<4.02E-05	<8.40E-05	<3.87E-05	<1.88E-05	<5.15E-05	<4.81E-05	<2.08E-05	<1.40E-05	<3.03E-05	<2.72E-05	<1.11E-05	<1.40E-05	<2.48E-05	<3.90E-05	<2.88E-05	<1.25E-05	<2.88E-05
T-314		<3.72E-05	<7.77E-05	<3.58E-05	<1.74E-05	<4.77E-05	<4.45E-05	<1.93E-05	<1.30E-05	<2.81E-05	<2.51E-05	<1.03E-05	<1.30E-05	<2.29E-05	<3.61E-05	<2.66E-05	<1.15E-05	<2.66E-05
T-401		<4.48E-05	<9.35E-05	<4.30E-05	<2.09E-05	<5.74E-05	<5.35E-05	<2.32E-05	<1.56E-05	<3.38E-05	<3.02E-05	<1.23E-05	<1.56E-05	<2.76E-05	<4.34E-05	<3.20E-05	<1.39E-05	<3.20E-05
T-402		<7.11E-05	<1.49E-04	<6.84E-05	<3.32E-05	<9.12E-05	<8.50E-05	<3.69E-05	<2.48E-05	<5.37E-05	<4.80E-05	<1.96E-05	<2.48E-05	<4.38E-05	<6.90E-05	<5.09E-05	<2.21E-05	<5.09E-05
T-403		<1.07E-04	<2.24E-04	<1.03E-04	<4.99E-05	<1.37E-04	<1.28E-04	<5.55E-05	<3.74E-05	<8.08E-05	<7.23E-05	<2.95E-05	<3.74E-05	<6.60E-05	<1.04E-04	<7.66E-05	<3.32E-05	<7.66E-05
T-404		<4.24E-05	<8.85E-05	<4.07E-05	<1.98E-05	<5.43E-05	<5.07E-05	<2.20E-05	<1.48E-05	<3.20E-05	<2.86E-05	<1.17E-05	<1.48E-05	<2.61E-05	<4.11E-05	<3.03E-05	<1.32E-05	<3.03E-05
T-405		<3.61E-05	<7.54E-05	<3.47E-05	<1.69E-05	<4.63E-05	<4.32E-05	<1.87E-05	<1.26E-05	<2.73E-05	<2.44E-05	<9.96E-06	<1.26E-05	<2.23E-05	<3.50E-05	<2.58E-05	<1.12E-05	<2.58E-05
T-406		<5.75E-05	<1.20E-04	<5.53E-05	<2.68E-05	<7.37E-05	<6.87E-05	<2.98E-05	<2.01E-05	<4.34E-05	<3.88E-05	<1.59E-05	<2.01E-05	<3.54E-05	<5.57E-05	<4.11E-05	<1.78E-05	<4.11E-05
T-407		<6.87E-05	<1.43E-04	<6.60E-05	<3.20E-05	<8.81E-05	<8.22E-05	<3.56E-05	<2.40E-05	<5.18E-05	<4.64E-05	<1.89E-05	<2.40E-05	<4.24E-05	<6.66E-05	<4.91E-05	<2.13E-05	<4.91E-05
T-408		<5.52E-05	<1.15E-04	<5.31E-05	<2.57E-05	<7.07E-05	<6.60E-05	<2.86E-05	<1.93E-05	<4.16E-05	<3.73E-05	<1.52E-05	<1.93E-05	<3.40E-05	<5.35E-05	<3.95E-05	<1.71E-05	<3.95E-05
T-409		<5.21E-05	<1.09E-04	<5.01E-05	<2.43E-05	<6.68E-05	<6.23E-05	<2.70E-05	<1.82E-05	<3.93E-05	<3.52E-05	<1.44E-05	<1.82E-05	<3.21E-05	<5.05E-05	<3.73E-05	<1.62E-05	<3.73E-05
T-410		<3.81E-05	<7.96E-05	<3.66E-05	<1.78E-05	<4.88E-05	<4.56E-05	<1.98E-05	<1.33E-05	<2.87E-05	<2.57E-05	<1.05E-05	<1.33E-05	<2.35E-05	<3.69E-05	<2.72E-05	<1.18E-05	<2.72E-05
T-411		<4.17E-05	<8.72E-05	<4.01E-05	<1.95E-05	<5.35E-05	<4.99E-05	<2.16E-05	<1.46E-05	<3.15E-05	<2.82E-05	<1.15E-05	<1.46E-05	<2.57E-05	<4.05E-05	<2.98E-05	<1.30E-05	<2.98E-05
T-412		<3.91E-05	<8.16E-05	<3.76E-05	<1.82E-05	<5.01E-05	<4.67E-05	<2.03E-05	<1.36E-05	<2.95E-05	<2.64E-05	<1.08E-05	<1.36E-05	<2.41E-05	<3.79E-05	<2.79E-05	<1.21E-05	<2.79E-05
T-413		<5.33E-05	<1.11E-04	<5.12E-05	<2.48E-05	<6.83E-05	<6.37E-05	<2.76E-05	<1.86E-05	<4.02E-05	<3.60E-05	<1.47E-05	<1.86E-05	<3.28E-05	<5.16E-05	<3.81E-05	<1.65E-05	<3.81E-05
T-414		<3.72E-05	<7.77E-05	<3.58E-05	<1.74E-05	<4.77E-05	<4.45E-05	<1.93E-05	<1.30E-05	<2.81E-05	<2.51E-05	<1.03E-05	<1.30E-05	<2.29E-05	<3.61E-05	<2.66E-05	<1.15E-05	<2.66E-05
T-501		<7.36E-05	<1.54E-04	<7.08E-05	<3.43E-05	<9.44E-05	<8.80E-05	<3.82E-05	<2.57E-05	<5.55E-05	<4.97E-05	<2.03E-05	<2.57E-05	<4.54E-05	<7.14E-05	<5.26E-05	<2.28E-05	<5.26E-05
T-502		<4.33E-05	<9.05E-05	<4.17E-05	<2.02E-05	<5.55E-05	<5.18E-05	<2.25E-05	<1.51E-05	<3.27E-05	<2.93E-05	<1.19E-05	<1.51E-05	<2.67E-05	<4.20E-05	<3.10E-05	<1.34E-05	<3.10E-05
T-503		<5.02E-05	<1.05E-04	<4.83E-05	<2.34E-05	<6.44E-05	<6.01E-05	<2.61E-05	<1.76E-05	<3.79E-05	<3.39E-05	<1.39E-05	<1.76E-05	<3.10E-05	<4.87E-05	<3.59E-05	<1.56E-05	<3.59E-05
T-504		<3.86E-05	<8.06E-05	<3.71E-05	<1.80E-05	<4.95E-05	<4.61E-05	<2.00E-05	<1.35E-05	<2.91E-05	<2.61E-05	<1.06E-05	<1.35E-05	<2.38E-05	<3.74E-05	<2.76E-05	<1.20E-05	<2.76E-05
T-505		<3.50E-05	<7.31E-05	<3.36E-05	<1.63E-05	<4.48E-05	<4.18E-05	<1.81E-05	<1.22E-05	<2.64E-05	<2.36E-05	<9.65E-06	<1.22E-05	<2.16E-05	<3.39E-05	<2.50E-05	<1.09E-05	<2.50E-05
T-506		<4.66E-05	<9.74E-05	<4.49E-05	<2.18E-05	<5.98E-05	<5.58E-05	<2.42E-05	<1.63E-05	<3.52E-05	<3.15E-05	<1.29E-05	<1.63E-05	<2.88E-05	<4.52E-05	<3.34E-05	<1.45E-05	<3.34E-05
T-507		<3.66E-05	<7.65E-05	<3.52E-05	<1.71E-05	<4.69E-05	<4.38E-05	<1.90E-05	<1.28E-05	<2.76E-05	<2.47E-05	<1.01E-05	<1.28E-05	<2.26E-05	<3.55E-05	<2.62E-05	<1.14E-05	<2.62E-05
T-508		<3.65E-05	<7.63E-05	<3.51E-05	<1.70E-05	<4.68E-05	<4.37E-05	<1.89E-05	<1.28E-05	<2.76E-05	<2.47E-05	<1.01E-05	<1.28E-05	<2.25E-05	<3.54E-05	<2.61E-05	<1.13E-05	<2.61E-05
T-509		<3.63E-05	<7.58E-05	<3.49E-05	<1.69E-05	<4.65E-05	<4.34E-05	<1.88E-05	<1.27E-05	<2.74E-05	<2.45E-05	<1.00E-05	<1.27E-05	<2.24E-05	<3.52E-05	<2.59E-05	<1.13E-05	<2.59E-05
T-510		<3.75E-05	<7.83E-05	<3.61E-05	<1.75E-05	<4.81E-05	<4.49E-05	<1.94E-05	<1.31E-05	<2.83E-05	<2.53E-05	<1.03E-05	<1.31E-05	<2.31E-05	<3.64E-05	<2.68E-05	<1.16E-05	<2.68E-05

Sample ID / Compound	Methacrylonitrile	Methyl acrylate	Isobutyl alcohol	2,2-Dichloropropane	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon tetrachloride	t-Amyl methyl ether	1,2-Dichloropropane	Dibromomethane	Bromodichloromethane	Methyl methacrylate	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Ethyl methacrylate	1,3-Dichloropropane
CAS	126-98-7	96-33-3	78-83-1	594-20-7	71-55-6	563-58-6	56-23-5	994-05-8	78-87-5	74-95-3	75-27-4	80-62-6	10061-01-5	10061-02-6	79-00-5	97-63-2	142-28-9
MW	67.1	86.1	74.1	113	133.4	111	153.8	102.2	113	173.83	163.8	100.1	111	111	133.4	114.2	113
Lab Data (ppbv)																	
T-101	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-102	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-103	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-104	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-105	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-106	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-107	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-108	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-109	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-111	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-112	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-113	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-114	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-201	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-202	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-203	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-204	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-205	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-206	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-207	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-208	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-209	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-210	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-211	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-212	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-213	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-214	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-301	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-302	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-303	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-304	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-305	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-306	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-307	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-308	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-309	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-310	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-311	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-312	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-313	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-314	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-401	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-402	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-403	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-404	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-405	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-406	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-407	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-408	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-409	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-410	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-411	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-412	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-413	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-414	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-501	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-502	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-503	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-504	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-505	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-506	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-507	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-508	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-509	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-510	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Sample ID / Compound	Methacrylonitrile	Methyl acrylate	Isobutyl alcohol	2,2-Dichloropropane	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon tetrachloride	t-Amyl methyl ether	1,2-Dichloropropane	Dibromomethane	Bromodichloromethane	Methyl methacrylate	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Ethyl methacrylate	1,3-Dichloropropane
CAS	126-98-7	96-33-3	78-83-1	594-20-7	71-55-6	563-58-6	56-23-5	994-05-8	78-87-5	74-95-3	75-27-4	80-62-6	10061-01-5	10061-02-6	79-00-5	97-63-2	142-28-9
MW	67.1	86.1	74.1	113	133.4	111	153.8	102.2	113	173.83	163.8	100.1	111	111	133.4	114.2	113
MDL (ppbv)																	
T-101	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-102	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-103	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-104	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-105	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-106	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-107	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-108	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-109	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-110	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-111	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-112	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-113	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-114	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-201	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-202	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-203	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-204	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-205	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-206	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-207	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-208	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-209	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-210	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-211	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-212	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-213	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-214	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-301	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-302	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-303	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-304	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-305	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-306	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-307	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-308	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-309	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-310	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-311	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-312	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-313	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-314	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-401	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-402	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-403	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-404	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-405	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-406	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-407	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-408	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-409	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-410	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-411	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-412	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-413	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-414	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-501	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-502	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-503	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-504	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-505	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-506	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-507	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-508	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-509	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17
T-510	0.33	0.33	0.67	0.17	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17	0.17	0.17	0.33	0.17

Sample ID	Compound	Methacrylonitrile	Methyl acrylate	Isobutyl alcohol	2,2-Dichloropropane	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon tetrachloride	t-Amyl methyl ether	1,2-Dichloropropane	Dibromomethane	Bromodichloromethane	Methyl methacrylate	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Ethyl methacrylate	1,3-Dichloropropane
CAS		126-98-7	96-33-3	78-83-1	594-20-7	71-55-6	563-58-6	56-23-5	994-05-8	78-87-5	74-95-3	75-27-4	80-62-6	10061-01-5	10061-02-6	79-00-5	97-63-2	142-28-9
MW		67.1	86.1	74.1	113	133.4	111	153.8	102.2	113	173.83	163.8	100.1	111	111	133.4	114.2	113
Data Used (ug/m3)																		
T-101		<4.32E-01	<5.54E-01	<9.68E-01	<3.74E-01	<4.42E-01	<3.68E-01	<5.10E-01	<6.57E-01	<3.74E-01	<5.76E-01	<5.43E-01	<6.44E-01	<3.68E-01	<3.68E-01	<4.42E-01	<7.35E-01	<3.74E-01
T-102		<4.32E-01	<5.55E-01	<9.69E-01	<3.75E-01	<4.43E-01	<3.68E-01	<5.11E-01	<6.59E-01	<3.75E-01	<5.77E-01	<5.44E-01	<6.45E-01	<3.68E-01	<3.68E-01	<4.43E-01	<7.36E-01	<3.75E-01
T-103		<4.39E-01	<5.64E-01	<9.85E-01	<3.81E-01	<4.50E-01	<3.74E-01	<5.19E-01	<6.69E-01	<3.81E-01	<5.86E-01	<5.53E-01	<6.56E-01	<3.74E-01	<3.74E-01	<4.50E-01	<7.48E-01	<3.81E-01
T-104		<4.33E-01	<5.56E-01	<9.71E-01	<3.76E-01	<4.44E-01	<3.69E-01	<5.11E-01	<6.60E-01	<3.76E-01	<5.78E-01	<5.45E-01	<6.46E-01	<3.69E-01	<3.69E-01	<4.44E-01	<7.37E-01	<3.76E-01
T-105		<4.35E-01	<5.59E-01	<9.76E-01	<3.78E-01	<4.46E-01	<3.71E-01	<5.14E-01	<6.63E-01	<3.78E-01	<5.81E-01	<5.48E-01	<6.50E-01	<3.71E-01	<3.71E-01	<4.46E-01	<7.41E-01	<3.78E-01
T-106		<4.32E-01	<5.54E-01	<9.68E-01	<3.74E-01	<4.42E-01	<3.68E-01	<5.10E-01	<6.57E-01	<3.74E-01	<5.76E-01	<5.43E-01	<6.44E-01	<3.68E-01	<3.68E-01	<4.42E-01	<7.35E-01	<3.74E-01
T-107		<4.30E-01	<5.52E-01	<9.64E-01	<3.73E-01	<4.40E-01	<3.67E-01	<5.08E-01	<6.55E-01	<3.73E-01	<5.74E-01	<5.41E-01	<6.42E-01	<3.67E-01	<3.67E-01	<4.40E-01	<7.32E-01	<3.73E-01
T-108		<4.32E-01	<5.54E-01	<9.68E-01	<3.74E-01	<4.42E-01	<3.68E-01	<5.10E-01	<6.57E-01	<3.74E-01	<5.76E-01	<5.43E-01	<6.44E-01	<3.68E-01	<3.68E-01	<4.42E-01	<7.35E-01	<3.74E-01
T-109		<4.29E-01	<5.51E-01	<9.63E-01	<3.72E-01	<4.40E-01	<3.66E-01	<5.07E-01	<6.54E-01	<3.72E-01	<5.73E-01	<5.40E-01	<6.40E-01	<3.66E-01	<3.66E-01	<4.40E-01	<7.31E-01	<3.72E-01
T-110		<4.30E-01	<5.52E-01	<9.64E-01	<3.73E-01	<4.40E-01	<3.67E-01	<5.08E-01	<6.55E-01	<3.73E-01	<5.74E-01	<5.41E-01	<6.42E-01	<3.67E-01	<3.67E-01	<4.40E-01	<7.32E-01	<3.73E-01
T-111		<4.29E-01	<5.51E-01	<9.63E-01	<3.72E-01	<4.40E-01	<3.66E-01	<5.07E-01	<6.54E-01	<3.72E-01	<5.73E-01	<5.40E-01	<6.40E-01	<3.66E-01	<3.66E-01	<4.40E-01	<7.31E-01	<3.72E-01
T-112		<4.18E-01	<5.36E-01	<9.36E-01	<3.62E-01	<4.28E-01	<3.56E-01	<4.93E-01	<6.36E-01	<3.62E-01	<5.57E-01	<5.25E-01	<6.23E-01	<3.56E-01	<3.56E-01	<4.28E-01	<7.11E-01	<3.62E-01
T-113		<4.18E-01	<5.36E-01	<9.36E-01	<3.62E-01	<4.28E-01	<3.56E-01	<4.93E-01	<6.36E-01	<3.62E-01	<5.57E-01	<5.25E-01	<6.23E-01	<3.56E-01	<3.56E-01	<4.28E-01	<7.11E-01	<3.62E-01
T-114		<4.54E-01	<5.83E-01	<1.02E+00	<3.94E-01	<4.65E-01	<3.87E-01	<5.36E-01	<6.92E-01	<3.94E-01	<6.06E-01	<5.71E-01	<6.78E-01	<3.87E-01	<3.87E-01	<4.65E-01	<7.73E-01	<3.94E-01
T-201		<4.43E-01	<5.69E-01	<9.94E-01	<3.85E-01	<4.54E-01	<3.78E-01	<5.24E-01	<6.75E-01	<3.85E-01	<5.92E-01	<5.58E-01	<6.62E-01	<3.78E-01	<3.78E-01	<4.54E-01	<7.55E-01	<3.85E-01
T-202		<4.44E-01	<5.70E-01	<9.96E-01	<3.85E-01	<4.55E-01	<3.79E-01	<5.25E-01	<6.77E-01	<3.85E-01	<5.93E-01	<5.59E-01	<6.63E-01	<3.79E-01	<3.79E-01	<4.55E-01	<7.56E-01	<3.85E-01
T-203		<4.39E-01	<5.64E-01	<9.85E-01	<3.81E-01	<4.50E-01	<3.74E-01	<5.19E-01	<6.69E-01	<3.81E-01	<5.86E-01	<5.53E-01	<6.56E-01	<3.74E-01	<3.74E-01	<4.50E-01	<7.48E-01	<3.81E-01
T-204		<4.42E-01	<5.67E-01	<9.91E-01	<3.83E-01	<4.53E-01	<3.77E-01	<5.22E-01	<6.73E-01	<3.83E-01	<5.90E-01	<5.56E-01	<6.59E-01	<3.77E-01	<3.77E-01	<4.53E-01	<7.52E-01	<3.83E-01
T-205		<4.33E-01	<5.56E-01	<9.71E-01	<3.76E-01	<4.44E-01	<3.69E-01	<5.11E-01	<6.60E-01	<3.76E-01	<5.78E-01	<5.45E-01	<6.46E-01	<3.69E-01	<3.69E-01	<4.44E-01	<7.37E-01	<3.76E-01
T-206		<4.18E-01	<5.37E-01	<9.38E-01	<3.63E-01	<4.28E-01	<3.56E-01	<4.94E-01	<6.37E-01	<3.63E-01	<5.58E-01	<5.26E-01	<6.24E-01	<3.56E-01	<3.56E-01	<4.28E-01	<7.12E-01	<3.63E-01
T-207		<4.34E-01	<5.57E-01	<9.73E-01	<3.76E-01	<4.44E-01	<3.70E-01	<5.12E-01	<6.61E-01	<3.76E-01	<5.79E-01	<5.46E-01	<6.47E-01	<3.70E-01	<3.70E-01	<4.44E-01	<7.39E-01	<3.76E-01
T-208		<4.18E-01	<5.37E-01	<9.38E-01	<3.63E-01	<4.28E-01	<3.56E-01	<4.94E-01	<6.37E-01	<3.63E-01	<5.58E-01	<5.26E-01	<6.24E-01	<3.56E-01	<3.56E-01	<4.28E-01	<7.12E-01	<3.63E-01
T-209		<4.33E-01	<5.56E-01	<9.71E-01	<3.76E-01	<4.44E-01	<3.69E-01	<5.11E-01	<6.60E-01	<3.76E-01	<5.78E-01	<5.45E-01	<6.46E-01	<3.69E-01	<3.69E-01	<4.44E-01	<7.37E-01	<3.76E-01
T-210		<4.32E-01	<5.54E-01	<9.68E-01	<3.74E-01	<4.42E-01	<3.68E-01	<5.10E-01	<6.57E-01	<3.74E-01	<5.76E-01	<5.43E-01	<6.44E-01	<3.68E-01	<3.68E-01	<4.42E-01	<7.35E-01	<3.74E-01
T-211		<4.32E-01	<5.54E-01	<9.68E-01	<3.74E-01	<4.42E-01	<3.68E-01	<5.10E-01	<6.57E-01	<3.74E-01	<5.76E-01	<5.43E-01	<6.44E-01	<3.68E-01	<3.68E-01	<4.42E-01	<7.35E-01	<3.74E-01
T-212		<4.27E-01	<5.48E-01	<9.58E-01	<3.71E-01	<4.37E-01	<3.64E-01	<5.04E-01	<6.50E-01	<3.71E-01	<5.70E-01	<5.37E-01	<6.37E-01	<3.64E-01	<3.64E-01	<4.37E-01	<7.27E-01	<3.71E-01
T-213		<4.27E-01	<5.48E-01	<9.58E-01	<3.71E-01	<4.37E-01	<3.64E-01	<5.04E-01	<6.50E-01	<3.71E-01	<5.70E-01	<5.37E-01	<6.37E-01	<3.64E-01	<3.64E-01	<4.37E-01	<7.27E-01	<3.71E-01
T-214		<4.54E-01	<5.83E-01	<1.02E+00	<3.94E-01	<4.65E-01	<3.87E-01	<5.36E-01	<6.92E-01	<3.94E-01	<6.06E-01	<5.71E-01	<6.78E-01	<3.87E-01	<3.87E-01	<4.65E-01	<7.73E-01	<3.94E-01
T-301		<4.43E-01	<5.69E-01	<9.94E-01	<3.85E-01	<4.54E-01	<3.78E-01	<5.24E-01	<6.75E-01	<3.85E-01	<5.92E-01	<5.58E-01	<6.62E-01	<3.78E-01	<3.78E-01	<4.54E-01	<7.55E-01	<3.85E-01
T-302		<4.48E-01	<5.74E-01	<1.00E+00	<3.88E-01	<4.58E-01	<3.81E-01	<5.28E-01	<6.82E-01	<3.88E-01	<5.97E-01	<5.63E-01	<6.68E-01	<3.81E-01	<3.81E-01	<4.58E-01	<7.62E-01	<3.88E-01
T-303		<4.46E-01	<5.72E-01	<1.00E+00	<3.87E-01	<4.57E-01	<3.80E-01	<5.26E-01	<6.79E-01	<3.87E-01	<5.95E-01	<5.61E-01	<6.65E-01	<3.80E-01	<3.80E-01	<4.57E-01	<7.59E-01	<3.87E-01
T-304		<4.43E-01	<5.68E-01	<9.92E-01	<3.84E-01	<4.53E-01	<3.77E-01	<5.23E-01	<6.74E-01	<3.84E-01	<5.91E-01	<5.57E-01	<6.60E-01	<3.77E-01	<3.77E-01	<4.53E-01	<7.53E-01	<3.84E-01
T-305		<4.37E-01	<5.61E-01	<9.80E-01	<3.79E-01	<4.48E-01	<3.72E-01	<5.16E-01	<6.66E-01	<3.79E-01	<5.83E-01	<5.50E-01	<6.52E-01	<3.72E-01	<3.72E-01	<4.48E-01	<7.44E-01	<3.79E-01
T-306		<4.36E-01	<5.60E-01	<9.78E-01	<3.78E-01	<4.47E-01	<3.72E-01	<5.15E-01	<6.64E-01	<3.78E-01	<5.82E-01	<5.49E-01	<6.51E-01	<3.72E-01	<3.72E-01	<4.47E-01	<7.43E-01	<3.78E-01
T-307		<4.35E-01	<5.59E-01	<9.76E-01	<3.78E-01	<4.46E-01	<3.71E-01	<5.14E-01	<6.63E-01	<3.78E-01	<5.81E-01	<5.48E-01	<6.50E-01	<3.71E-01	<3.71E-01	<4.46E-01	<7.41E-01	<3.78E-01
T-308		<4.35E-01	<5.58E-01	<9.75E-01	<3.77E-01	<4.45E-01	<3.70E-01	<5.13E-01	<6.62E-01	<3.77E-01	<5.80E-01	<5.47E-01	<6.49E-01	<3.70E-01	<3.70E-01	<4.45E-01	<7.40E-01	<3.77E-01
T-309		<4.27E-01	<5.48E-01	<9.58E-01	<3.71E-01	<4.37E-01	<3.64E-01	<5.04E-01	<6.50E-01	<3.71E-01	<5.70E-01	<5.37E-01	<6.37E-01	<3.64E-01	<3.64E-01	<4.37E-01	<7.27E-01	<3.71E-01
T-310		<4.31E-01	<5.53E-01	<9.66E-01	<3.74E-01	<4.41E-01	<3.67E-01	<5.09E-01	<6.56E-01	<3.74E-01	<5.75E-01	<5.42E-01	<6.43E-01	<3.67E-01	<3.67E-01	<4.41E-01	<7.33E-01	<3.74E-01
T-311		<4.24E-01	<5.44E-01	<9.51E-01	<3.68E-01	<4.34E-01	<3.61E-01	<5.01E-01	<6.46E-01	<3.68E-01	<5.66E-01	<5.33E-01	<6.33E-01	<3.61E-01	<3.61E-01	<4.34E-01	<7.22E-01	<3.68E-01
T-312		<4.26E-01	<5.46E-01	<9.54E-01	<3.69E-01	<4.36E-01	<3.63E-01	<5.03E-01	<6.48E-01	<3.69E-01	<5.68E-01	<5.35E-01	<6.35E-01	<3.63E-01	<3.63E-01	<4.36E-01	<7.24E-01	<3.69E-01
T-313		<4.26E-01	<5.46E-01	<9.54E-01	<3.69E-01	<4.36E-01	<3.63E-01	<5.03E-01	<6.48E-01	<3.69E-01	<5.68E-01	<5.35E-01	<6.35E-01	<3.63E-01	<3.63E-01	<4.36E-01	<7.24E-01	<3.69E-01
T-314		<4.54E-01	<5.83E-01	<1.02E+00	<3.94E-01	<4.65E-01	<3.87E-01	<5.36E-01	<6.92E-01	<3.94E-01	<6.06E-01	<5.71E-01	<6.78E-01	<3.87E-01	<3.87E-01	<4.65E-01	<7.73E-01	<3.94E-01
T-401		<4.48E-01	<5.74E-01	<1.00E+00	<3.88E-01	<4.58E-01	<3.81E-01	<5.28E-01	<6.82E-01	<3.88E-01	<5.97E-01	<5.63E-01	<6.68E-01	<3.81E-01	<3.81E-01	<4.58E-01	<7.62E-01	<3.88E-01
T-402		<4.40E-01	<5.65E-01	<9.87E-01	<3.82E-01	<4.51E-01	<3.75E-01	<5.20E-01	<6.71E-01	<3.82E-01	<5.88E-01	<5.54E-01	<6.57E-01	<3.75E-01	<3.75E-01	<4.51E-01	<7.49E-01	<3.82E-01
T-403		<4.43E-01	<5.68E-01	<9.92E-01	<3.84E-01	<4.53E-01	<3.77E-01	<5.23E-01	<6.74E-01	<3.84E-01	<5.91E-01	<5.57E-01	<6.60E-01	<3.77E-01	<3.77E-01	<4.53E-01	<7.53E-01	<3.84E-01
T-404		<4.53E-01	<5.82E-01	<1.02E+00	<3.93E-01	<4.64E-01	<3.86E-01	<5.35E-01	<6.91E-01	<3.93E-01	<6.05E-01	<5.70E-01	<6.76E-01	<3.86E-01	<3.86E-01	<4.64E-01	<7.72E-01	<3.93E-01
T-405		<4.41E-01	<5.66E-01	<9.89E-01	<3.83E-01	<4.52E-01	<3.76E-01	<5.21E-01	<6.72E-01	<3.83E-01	<5.89E-01	<5.55E-01	<6.58E-01	<3.76E-01	<3.76E-01	<4.52E-01	<7.51E-01	<3.83E-01
T-406		<4.35E-01	<5.59E-01	<9.76E-01	<3.78E-01	<4.46E-01	<3.71E-01	<5.14E-01	<6.63E-01	<3.78E-01	<5.81E-01	<5.48E-01	<6.50E-01	<3.71E-01	<3.71E-01	<4.46E-01	<7.41E-01	<3.78E-01
T-407		<4.33E-01	<5.56E-01	<9.71E-01	<3.76E-01	<4.44E-01	<3.69E-01	<5.11E-01	<6.60E-01	<3.76E-01	<5.78E-01	<5.45E-01	<6.46E-01	<3.69E-01	<3.69E-01	<4.44E-01	<7.37E-01	<3.76E-01
T-408		<4.39E-01	<5.64E-01	<9.85E-01	<3.81E-01	<4.50E-01	<3.74E-01	<5.19E-01	<6.69E-01	<3.81E-01	<5.86E-01	<5.53E-01	<6.56E-01	<3.74E-01	<3.74E-01	<4.50E-01	<7.48E-01	<3.81E-01
T-409		<4.29E-01	<5.51E-01	<9.63E-01	<3.72E-01	<4.40E-01	<3.66E-01	<5.07E-01	<6.54E-01	<3.72E-01	<5.73E-01	<5.40E-01	<6.40E-01	<3.66E-01	<3.66E-01	<4.40E-01	<7.31E-01	<3.72E-01
T-410		<4.32E-01	<5.55E-01	<9.69E-01	<3.75E-01	<4.43E-01	<3.68E-01	<5.11E-01	<6.59E-01	<3.75E-01	<5.77E-01	<5.44E-01	<6.45E-01	<3.68E-01	<3.68E-01	<4.43E-01	<7.36E-01	<3.75E-01
T-411		<4.28E-01	<5.49E-01	<9.59E-01	<3.71E-01	<4.38E-01	<3.65E-01	<5.05E-01	<6.52E-01	<3.71E-01	<5.71E-01	<5.38E-01	<6.38E-01	<3.65E-01	<3.65E-01	<4.38E-01	<7.28E-01	<3.71E-01
T-412		<4.29E-01	<5.51E-01	<9.63E-01	<3.72E-01	<4.40E-01	<3.66E-01	<5.07E-01	<6.54E-01	<3.72E-01	<5.73E-01	<5.40E-01	<6.40E-01	<3.66E-01	<3.66E-01	<4.40E-01	<7.31E-01	<3.72E-01
T-413		<4.29E-01	<5.51E-01	<9.63E-01	<3.72E-01	<4.40E-01	<3.66E-01	<5.07E-01	<6.54E-01	<3.72E-01	<5.73E-01	<5.40E-01	<6.40E-01	<3.66E-01	<3.66E-01	<4.40E-01	<7.31E-01	<3.72E-01
T-414		<4.54E-01	<5.83E-01	<1.02E+00	<3.94E-01	<4.65E-01	<3.87E-01	<5.36E-01	<6.92E-01	<3.94E-01	<6.06E-01	<5.71E-01	<6.78E-01	<3.87E-01	<3.87E-01	<4.65E-01	<7.73E-01	<3.94E-01
T-501		<4.43E-01	<5.68E-01	<9.92E-01	<3.84E-01	<4.53E-01	<3.77E-01	<5.23E-01	<6.74E-01	<3.84E-01	<5.91E-01	<5.57E-01	<6.60E-01	<3.77E-01	<3.77E-01	<4.53E-01	<7.53E-01	<3.84E-01
T-502		<4.36E-01	<5.60E-01	<9.78E-01	<3.78E-01	<4.47E-01	<3.72E-01	<5.15E-01	<6.64E-01	<3.78E-01	<5.82E-01	<5.49E-01	<6.51E-01	<3.72E-01	<3.72E-01	<4.47E-01	<7.43E-01	<3.78E-01
T-503		<4.39E-01	<5.64E-01	<9.85E-01	<3.81E-01	<4.50E-01	<3.74E-01	<5.19E-01	<6.69E-01	<3.81E-01	<5.86E-01	<5.53E-01	<6.56E-01	<3.74E-01	<3.74E-01	<4.50E-01	<7.48E-01	<3.81E-01
T-504		<4.38E-01	<5.62E-01	<9.82E-01	<3.80E-01	<4.48E-01	<3.73E-01	<5.17E-01	<6.67E-01	<3.80E-01	<5.84E-01	<5.51E-01	<6.53E-01	<3.73E-01	<3.73E-01	<4.48E-01	<7.45E-01	<3.80E-01
T-505		<4.27E-01	<5.48E-01	<9.58E-01	<3.71E-01	<4.37E-01	<3.64E-01	<5.04E-01	<6.50E-01	<3.71E-01	<5.70E-01	<5.37E-01	<6.37E-01	<3.64E-01	<3.64E-01	<4.37E-01	<7.27E-01	<3.71E-01
T-506		<4.30E-01	<5.52E-01	<9.64E-01	<3.73E-01	<4.40E-01	<3.67E-01	<5.08E-01	<6.55E-01	<3.73E-01	<5.74E-01	<5.41E-01	<6.42E-01	<3.67E-01	<3.67E-01	<4.40E-01	<7.32E-01	<3.73E-01
T-507		<4.43E-01	<5.68E-01	<9.92E-01	<3.84E-01	<4.53E-01	<3.77E-01	<5.23E-01	<6.74E-01	<3.84E-01	<5.91E-01	<5.57E-01	<6.60E-01	<3.77E-01	<3.77E-01	<4.53E-01	<7.53E-01	<3.84E-01
T-508		<4.33E-01	<5.56E-01	<9.71E-01	<3.76E-01	<4.44E-01	<3.69E-01	<5.11E-01	<6.60E-01	<3.76E-01	<5.78E-01	<5.45E-01	<6.46E-01	<3.69E-01	<3.69E-01	<4.44E-01	<7.37E-01	<3.76E-01
T-509		<4.33E-01	<5.56E-01	<9.71E-01	<3.76E-01	<4.44E-01	<3.69E-01	<5.11E-01	<6.60E-01	<3.76E-01	<5.78E-01	<5.45E-01	<6.46E-01	<3.69E-01	<3.69E-01	<4.44E-01	<7.37E-01	<3.76E-01
T-510		<4.54E-01	<5.83E-01	<1.02E+00	<3.94E-01	<4.65E-01	<3.87E-01	<5.36E-01	<6.92E-01	<3.94E-01	<6.06E-01	<5.71E-01	<6.78E-01	<3.87E-01	<3.87E-01	<4.65E-01	<7.73E-01	<3.94E-01

Sample ID	Compound	Methacrylonitrile	Methyl acrylate	Isobutyl alcohol	2,2-Dichloropropane	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon tetrachloride	t-Amyl methyl ether	1,2-Dichloropropane	Dibromomethane	Bromodichloromethane	Methyl methacrylate	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Ethyl methacrylate	1,3-Dichloropropane
	CAS	126-98-7	96-33-3	78-83-1	594-20-7	71-55-6	563-58-6	56-23-5	994-05-8	78-87-5	74-95-3	75-27-4	80-62-6	10061-01-5	10061-02-6	79-00-5	97-63-2	142-28-9
	MW	67.1	86.1	74.1	113	133.4	111	153.8	102.2	113	173.83	163.8	100.1	111	111	133.4	114.2	113
Flux (mg/m2-min)																		
T-101		<8.03E-05	<1.03E-04	<1.80E-04	<6.96E-05	<8.22E-05	<6.84E-05	<9.48E-05	<1.22E-04	<6.96E-05	<1.07E-04	<1.01E-04	<1.20E-04	<6.84E-05	<6.84E-05	<8.22E-05	<1.37E-04	<6.96E-05
T-102		<4.69E-05	<6.02E-05	<1.05E-04	<4.07E-05	<4.80E-05	<4.00E-05	<5.54E-05	<7.15E-05	<4.07E-05	<6.26E-05	<5.90E-05	<7.00E-05	<4.00E-05	<4.00E-05	<4.80E-05	<7.98E-05	<4.07E-05
T-103		<5.02E-05	<6.45E-05	<1.13E-04	<4.36E-05	<5.15E-05	<4.28E-05	<5.93E-05	<7.65E-05	<4.36E-05	<6.71E-05	<6.32E-05	<7.50E-05	<4.28E-05	<4.28E-05	<5.15E-05	<8.55E-05	<4.36E-05
T-104		<6.95E-05	<8.92E-05	<1.56E-04	<6.03E-05	<7.12E-05	<5.93E-05	<8.21E-05	<1.06E-04	<6.03E-05	<9.28E-05	<8.75E-05	<1.04E-04	<5.93E-05	<5.93E-05	<7.12E-05	<1.18E-04	<6.03E-05
T-105		<1.96E-05	<2.51E-05	<4.39E-05	<1.70E-05	<2.00E-05	<1.67E-05	<2.31E-05	<2.98E-05	<1.70E-05	<2.61E-05	<2.46E-05	<2.92E-05	<1.67E-05	<1.67E-05	<2.00E-05	<3.33E-05	<1.70E-05
T-106		<2.05E-05	<2.62E-05	<4.59E-05	<1.77E-05	<2.10E-05	<1.74E-05	<2.42E-05	<3.12E-05	<1.77E-05	<2.73E-05	<2.57E-05	<3.05E-05	<1.74E-05	<1.74E-05	<2.10E-05	<3.48E-05	<1.77E-05
T-107		<3.92E-05	<5.03E-05	<8.79E-05	<3.40E-05	<4.01E-05	<3.34E-05	<4.63E-05	<5.97E-05	<3.40E-05	<5.23E-05	<4.93E-05	<5.85E-05	<3.34E-05	<3.34E-05	<4.01E-05	<6.67E-05	<3.40E-05
T-108		<2.19E-05	<2.81E-05	<4.90E-05	<1.90E-05	<2.24E-05	<1.86E-05	<2.58E-05	<3.33E-05	<1.90E-05	<2.92E-05	<2.75E-05	<3.26E-05	<1.86E-05	<1.86E-05	<2.24E-05	<3.72E-05	<1.90E-05
T-109		<3.05E-05	<3.91E-05	<6.83E-05	<2.64E-05	<3.12E-05	<2.60E-05	<3.60E-05	<4.64E-05	<2.64E-05	<4.07E-05	<3.83E-05	<4.55E-05	<2.60E-05	<2.60E-05	<3.12E-05	<5.19E-05	<2.64E-05
T-110		<4.08E-05	<5.24E-05	<9.16E-05	<3.54E-05	<4.18E-05	<3.48E-05	<4.82E-05	<6.22E-05	<3.54E-05	<5.45E-05	<5.14E-05	<6.09E-05	<3.48E-05	<3.48E-05	<4.18E-05	<6.95E-05	<3.54E-05
T-111		<1.69E-04	<2.17E-04	<3.80E-04	<1.47E-04	<1.74E-04	<1.44E-04	<2.00E-04	<2.58E-04	<1.47E-04	<2.26E-04	<2.13E-04	<2.53E-04	<1.44E-04	<1.44E-04	<1.74E-04	<2.88E-04	<1.47E-04
T-112		<6.90E-05	<8.85E-05	<1.55E-04	<5.98E-05	<7.06E-05	<5.88E-05	<8.14E-05	<1.05E-04	<5.98E-05	<9.20E-05	<8.67E-05	<1.03E-04	<5.88E-05	<5.88E-05	<7.06E-05	<1.17E-04	<5.98E-05
T-113		<4.08E-05	<5.24E-05	<9.16E-05	<3.54E-05	<4.18E-05	<3.48E-05	<4.82E-05	<6.22E-05	<3.54E-05	<5.45E-05	<5.14E-05	<6.09E-05	<3.48E-05	<3.48E-05	<4.18E-05	<6.95E-05	<3.54E-05
T-114		<1.84E-05	<2.37E-05	<4.13E-05	<1.60E-05	<1.89E-05	<1.57E-05	<2.18E-05	<2.81E-05	<1.60E-05	<2.46E-05	<2.32E-05	<2.75E-05	<1.57E-05	<1.57E-05	<1.89E-05	<3.14E-05	<1.60E-05
T-201		<1.71E-05	<2.19E-05	<3.82E-05	<1.48E-05	<1.75E-05	<1.45E-05	<2.01E-05	<2.60E-05	<1.48E-05	<2.28E-05	<2.14E-05	<2.54E-05	<1.45E-05	<1.45E-05	<1.75E-05	<2.90E-05	<1.48E-05
T-202		<1.71E-05	<2.19E-05	<3.83E-05	<1.48E-05	<1.75E-05	<1.46E-05	<2.02E-05	<2.60E-05	<1.48E-05	<2.28E-05	<2.15E-05	<2.55E-05	<1.46E-05	<1.46E-05	<1.75E-05	<2.91E-05	<1.48E-05
T-203		<3.26E-05	<4.18E-05	<7.31E-05	<2.83E-05	<3.34E-05	<2.78E-05	<3.85E-05	<4.96E-05	<2.83E-05	<4.35E-05	<4.10E-05	<4.86E-05	<2.78E-05	<2.78E-05	<3.34E-05	<5.55E-05	<2.83E-05
T-204		<3.28E-05	<4.20E-05	<7.35E-05	<2.84E-05	<3.36E-05	<2.79E-05	<3.87E-05	<4.99E-05	<2.84E-05	<4.37E-05	<4.12E-05	<4.89E-05	<2.79E-05	<2.79E-05	<3.36E-05	<5.58E-05	<2.84E-05
T-205		<2.98E-05	<3.82E-05	<6.68E-05	<2.58E-05	<3.05E-05	<2.54E-05	<3.52E-05	<4.54E-05	<2.58E-05	<3.97E-05	<3.75E-05	<4.44E-05	<2.54E-05	<2.54E-05	<3.05E-05	<5.07E-05	<2.58E-05
T-206		<1.79E-05	<2.30E-05	<4.02E-05	<1.56E-05	<1.84E-05	<1.53E-05	<2.12E-05	<2.73E-05	<1.56E-05	<2.39E-05	<2.26E-05	<2.68E-05	<1.53E-05	<1.53E-05	<1.84E-05	<3.05E-05	<1.56E-05
T-207		<3.96E-05	<5.09E-05	<8.89E-05	<3.44E-05	<4.06E-05	<3.38E-05	<4.68E-05	<6.04E-05	<3.44E-05	<5.29E-05	<4.99E-05	<5.91E-05	<3.38E-05	<3.38E-05	<4.06E-05	<6.75E-05	<3.44E-05
T-208		<2.63E-05	<3.37E-05	<5.89E-05	<2.28E-05	<2.69E-05	<2.24E-05	<3.10E-05	<4.00E-05	<2.28E-05	<3.51E-05	<3.30E-05	<3.92E-05	<2.24E-05	<2.24E-05	<2.69E-05	<4.47E-05	<2.28E-05
T-209		<3.60E-05	<4.62E-05	<8.08E-05	<3.13E-05	<3.69E-05	<3.07E-05	<4.25E-05	<5.49E-05	<3.13E-05	<4.81E-05	<4.53E-05	<5.38E-05	<3.07E-05	<3.07E-05	<3.69E-05	<6.13E-05	<3.13E-05
T-210		<4.40E-05	<5.64E-05	<9.86E-05	<3.82E-05	<4.50E-05	<3.75E-05	<5.19E-05	<6.70E-05	<3.82E-05	<5.87E-05	<5.53E-05	<6.56E-05	<3.75E-05	<3.75E-05	<4.50E-05	<7.48E-05	<3.82E-05
T-211		<6.15E-05	<7.89E-05	<1.38E-04	<5.33E-05	<6.29E-05	<5.24E-05	<7.26E-05	<9.36E-05	<5.33E-05	<8.20E-05	<7.73E-05	<9.17E-05	<5.24E-05	<5.24E-05	<6.29E-05	<1.05E-04	<5.33E-05
T-212		<9.62E-05	<1.23E-04	<2.16E-04	<8.35E-05	<9.85E-05	<8.20E-05	<1.14E-04	<1.47E-04	<8.35E-05	<1.28E-04	<1.21E-04	<1.44E-04	<8.20E-05	<8.20E-05	<9.85E-05	<1.64E-04	<8.35E-05
T-213		<9.69E-05	<1.24E-04	<2.17E-04	<8.41E-05	<9.93E-05	<8.26E-05	<1.14E-04	<1.48E-04	<8.41E-05	<1.29E-04	<1.22E-04	<1.45E-04	<8.26E-05	<8.26E-05	<9.93E-05	<1.65E-04	<8.41E-05
T-214		<1.76E-05	<2.26E-05	<3.95E-05	<1.53E-05	<1.81E-05	<1.50E-05	<2.08E-05	<2.69E-05	<1.53E-05	<2.35E-05	<2.22E-05	<2.63E-05	<1.50E-05	<1.50E-05	<1.81E-05	<3.00E-05	<1.53E-05
T-301		<3.39E-05	<4.35E-05	<7.59E-05	<2.94E-05	<3.47E-05	<2.89E-05	<4.00E-05	<5.16E-05	<2.94E-05	<4.52E-05	<4.26E-05	<5.05E-05	<2.89E-05	<2.89E-05	<3.47E-05	<5.76E-05	<2.94E-05
T-302		<1.82E-05	<2.33E-05	<4.07E-05	<1.58E-05	<1.86E-05	<1.55E-05	<2.15E-05	<2.77E-05	<1.58E-05	<2.42E-05	<2.28E-05	<2.71E-05	<1.55E-05	<1.55E-05	<1.86E-05	<3.09E-05	<1.58E-05
T-303		<1.91E-05	<2.46E-05	<4.29E-05	<1.66E-05	<1.96E-05	<1.63E-05	<2.26E-05	<2.91E-05	<1.66E-05	<2.55E-05	<2.41E-05	<2.85E-05	<1.63E-05	<1.63E-05	<1.96E-05	<3.26E-05	<1.66E-05
T-304		<1.80E-05	<2.32E-05	<4.05E-05	<1.57E-05	<1.85E-05	<1.54E-05	<2.13E-05	<2.75E-05	<1.57E-05	<2.41E-05	<2.27E-05	<2.69E-05	<1.54E-05	<1.54E-05	<1.85E-05	<3.07E-05	<1.57E-05
T-305		<1.70E-05	<2.18E-05	<3.81E-05	<1.48E-05	<1.74E-05	<1.45E-05	<2.01E-05	<2.59E-05	<1.48E-05	<2.27E-05	<2.14E-05	<2.54E-05	<1.45E-05	<1.45E-05	<1.74E-05	<2.89E-05	<1.48E-05
T-306		<1.68E-05	<2.15E-05	<3.76E-05	<1.46E-05	<1.72E-05	<1.43E-05	<1.98E-05	<2.56E-05	<1.46E-05	<2.24E-05	<2.11E-05	<2.50E-05	<1.43E-05	<1.43E-05	<1.72E-05	<2.86E-05	<1.46E-05
T-307		<1.67E-05	<2.15E-05	<3.76E-05	<1.45E-05	<1.72E-05	<1.43E-05	<1.98E-05	<2.55E-05	<1.45E-05	<2.24E-05	<2.11E-05	<2.50E-05	<1.43E-05	<1.43E-05	<1.72E-05	<2.85E-05	<1.45E-05
T-308		<1.67E-05	<2.15E-05	<3.75E-05	<1.45E-05	<1.71E-05	<1.42E-05	<1.97E-05	<2.55E-05	<1.45E-05	<2.23E-05	<2.10E-05	<2.49E-05	<1.42E-05	<1.42E-05	<1.71E-05	<2.85E-05	<1.45E-05
T-309		<1.64E-05	<2.11E-05	<3.68E-05	<1.43E-05	<1.68E-05	<1.40E-05	<1.94E-05	<2.50E-05	<1.43E-05	<2.19E-05	<2.07E-05	<2.45E-05	<1.40E-05	<1.40E-05	<1.68E-05	<2.80E-05	<1.43E-05
T-310		<3.30E-05	<4.24E-05	<7.40E-05	<2.86E-05	<3.38E-05	<2.81E-05	<3.90E-05	<5.03E-05	<2.86E-05	<4.41E-05	<4.15E-05	<4.93E-05	<2.81E-05	<2.81E-05	<3.38E-05	<5.62E-05	<2.86E-05
T-311		<2.08E-05	<2.67E-05	<4.66E-05	<1.80E-05	<2.13E-05	<1.77E-05	<2.46E-05	<3.17E-05	<1.80E-05	<2.78E-05	<2.62E-05	<3.10E-05	<1.77E-05	<1.77E-05	<2.13E-05	<3.54E-05	<1.80E-05
T-312		<2.18E-05	<2.80E-05	<4.90E-05	<1.90E-05	<2.24E-05	<1.86E-05	<2.58E-05	<3.33E-05	<1.90E-05	<2.92E-05	<2.75E-05	<3.26E-05	<1.86E-05	<1.86E-05	<2.24E-05	<3.72E-05	<1.90E-05
T-313		<1.89E-05	<2.42E-05	<4.23E-05	<1.64E-05	<1.93E-05	<1.61E-05	<2.23E-05	<2.88E-05	<1.64E-05	<2.52E-05	<2.37E-05	<2.82E-05	<1.61E-05	<1.61E-05	<1.93E-05	<3.21E-05	<1.64E-05
T-314		<1.75E-05	<2.24E-05	<3.92E-05	<1.52E-05	<1.79E-05	<1.49E-05	<2.06E-05	<2.66E-05	<1.52E-05	<2.33E-05	<2.20E-05	<2.61E-05	<1.49E-05	<1.49E-05	<1.79E-05	<2.97E-05	<1.52E-05
T-401		<2.10E-05	<2.70E-05	<4.71E-05	<1.82E-05	<2.15E-05	<1.79E-05	<2.48E-05	<3.20E-05	<1.82E-05	<2.81E-05	<2.64E-05	<3.14E-05	<1.79E-05	<1.79E-05	<2.15E-05	<3.58E-05	<1.82E-05
T-402		<3.34E-05	<4.28E-05	<7.49E-05	<2.90E-05	<3.42E-05	<2.85E-05	<3.94E-05	<5.09E-05	<2.90E-05	<4.46E-05	<4.20E-05	<4.98E-05	<2.85E-05	<2.85E-05	<3.42E-05	<5.68E-05	<2.90E-05
T-403		<5.03E-05	<6.45E-05	<1.13E-04	<4.36E-05	<5.15E-05	<4.28E-05	<5.94E-05	<7.66E-05	<4.36E-05	<6.71E-05	<6.32E-05	<7.50E-05	<4.28E-05	<4.28E-05	<5.15E-05	<8.56E-05	<4.36E-05
T-404		<1.99E-05	<2.55E-05	<4.46E-05	<1.73E-05	<2.04E-05	<1.70E-05	<2.35E-05	<3.03E-05	<1.73E-05	<2.66E-05	<2.50E-05	<2.97E-05	<1.70E-05	<1.70E-05	<2.04E-05	<3.39E-05	<1.73E-05
T-405		<1.70E-05	<2.18E-05	<3.80E-05	<1.47E-05	<1.74E-05	<1.45E-05	<2.00E-05	<2.58E-05	<1.47E-05	<2.26E-05	<2.13E-05	<2.53E-05	<1.45E-05	<1.45E-05	<1.74E-05	<2.89E-05	<1.47E-05
T-406		<2.70E-05	<3.46E-05	<6.05E-05	<2.34E-05	<2.76E-05	<2.30E-05	<3.19E-05	<4.11E-05	<2.34E-05	<3.60E-05	<3.39E-05	<4.03E-05	<2.30E-05	<2.30E-05	<2.76E-05	<4.59E-05	<2.34E-05
T-407		<3.23E-05	<4.14E-05	<7.23E-05	<2.80E-05	<3.30E-05	<2.75E-05	<3.81E-05	<4.91E-05	<2.80E-05	<4.30E-05	<4.06E-05	<4.81E-05	<2.75E-05	<2.75E-05	<3.30E-05	<5.49E-05	<2.80E-05
T-408		<2.59E-05	<3.32E-05	<5.81E-05	<2.25E-05	<2.65E-05	<2.21E-05	<3.06E-05	<3.95E-05	<2.25E-05	<3.46E-05	<3.26E-05	<3.87E-05	<2.21E-05	<2.21E-05	<2.65E-05	<4.41E-05	<2.25E-05
T-409		<2.45E-05	<3.14E-05	<5.48E-05	<2.12E-05	<2.50E-05	<2.08E-05	<2.89E-05	<3.73E-05	<2.12E-05	<3.26E-05	<3.08E-05	<3.65E-05	<2.08E-05	<2.08E-05	<2.50E-05	<4.16E-05	<2.12E-05
T-410		<1.79E-05	<2.30E-05	<4.01E-05	<1.55E-05	<1.83E-05	<1.52E-05	<2.11E-05	<2.72E-05	<1.55E-05	<2.39E-05	<2.25E-05	<2.67E-05	<1.52E-05	<1.52E-05	<1.83E-05	<3.04E-05	<1.55E-05
T-411		<1.96E-05	<2.51E-05	<4.39E-05	<1.70E-05	<2.01E-05	<1.67E-05	<2.31E-05	<2.98E-05	<1.70E-05	<2.62E-05	<2.46E-05	<2.92E-05	<1.67E-05	<1.67E-05	<2.01E-05	<3.34E-05	<1.70E-05
T-412		<1.83E-05	<2.35E-05	<4.11E-05	<1.59E-05	<1.88E-05	<1.56E-05	<2.17E-05	<2.79E-05	<1.59E-05	<2.45E-05	<2.31E-05	<2.74E-05	<1.56E-05	<1.56E-05	<1.88E-05	<3.12E-05	<1.59E-05
T-413		<2.50E-05	<3.21E-05	<5.61E-05	<2.17E-05	<2.56E-05	<2.13E-05	<2.95E-05	<3.81E-05	<2.17E-05	<3.34E-05	<3.14E-05	<3.73E-05	<2.13E-05	<2.13E-05	<2.56E-05	<4.26E-05	<2.17E-05
T-414		<1.75E-05	<2.24E-05	<3.92E-05	<1.52E-05	<1.79E-05	<1.49E-05	<2.06E-05	<2.66E-05	<1.52E-05	<2.33E-05	<2.20E-05	<2.61E-05	<1.49E-05	<1.49E-05	<1.79E-05	<2.97E-05	<1.52E-05
T-501		<3.46E-05	<4.44E-05	<7.75E-05	<3.00E-05	<3.54E-05	<2.95E-05	<4.08E-05	<5.26E-05	<3.00E-05	<4.61E-05	<4.35E-05	<5.16E-05	<2.95E-05	<2.95E-05	<3.54E-05	<5.88E-05	<3.00E-05
T-502		<2.03E-05	<2.61E-05	<4.56E-05	<1.77E-05	<2.08E-05	<1.73E-05	<2.40E-05	<3.10E-05	<1.77E-05	<2.72E-05	<2.56E-05	<3.04E-05	<1.73E-05	<1.73E-05	<2.08E-05	<3.46E-05	<1.77E-05
T-503		<2.36E-05	<3.03E-05	<5.29E-05	<2.05E-05	<2.42E-05	<2.01E-05	<2.79E-05	<3.59E-05	<2.05E-05	<3.15E-05	<2.97E-05	<3.52E-05	<2.01E-05	<2.01E-05	<2.42E-05	<4.02E-05	<2.05E-05
T-504		<1.81E-05	<2.32E-05	<4.06E-05	<1.57E-05	<1.86E-05	<1.54E-05	<2.14E-05	<2.76E-05	<1.57E-05	<2.42E-05	<2.28E-05	<2.70E-05	<1.54E-05	<1.54E-05	<1.86E-05	<3.08E-05	<1.57E-05
T-505		<1.64E-05	<2.11E-05	<3.68E-05	<1.43E-05	<1.68E-05	<1.40E-05	<1.94E-05	<2.50E-05	<1.43E-05	<2.19E-05	<2.07E-05	<2.45E-05	<1.40E-05	<1.40E-05	<1.68E-05	<2.80E-05	<1.43E-05
T-506		<2.19E-05	<2.81E-05	<4.91E-05	<1.90E-05	<2.24E-05	<1.87E-05	<2.59E-05	<3.34E-05	<1.90E-05	<2.92E-05	<2.75E-05	<3.27E-05	<1.87E-05	<1.87E-05	<2.24E-05	<3.73E-05	<1.90E-05
T-507		<1.72E-05	<2.21E-05	<3.85E-05	<1.49E-05	<1.76E-05	<1.47E-05	<2.03E-05	<2.62E-05	<1.49E-05	<2.29E-05	<2.16E-05	<2.56E-05	<1.47E-05	<1.47E-05	<1.76E-05	<2.93E-05	<1.49E-05
T-508		<1.72E-05	<2.20E-05	<3.85E-05	<1.49E-05	<1.76E-05	<1.46E-05	<2.03E-05	<2.61E-05	<1.49E-05	<2.29E-05	<2.16E-05	<2.56E-05	<1.46E-05	<1.46E-05	<1.76E-05	<2.92E-05	<1.49E-05
T-509		<1.70E-05	<2.19E-05	<3.82E-05	<1.48E-05	<1.74E-05	<1.45E-05	<2.01E-05	<2.59E-05	<1.48E-05	<2.27E-05	<2.14E-05	<2.54E-05	<1.45E-05	<1.45E-05	<1.74E-05	<2.90E-05	<1.48E-05
T-510		<1.76E-05	<2.26E-05	<3.95E-05	<1.53E-05	<1.80E-05	<1.50E-05	<2.08E-05	<2.68E-05	<1.53E-05	<2.35E-05	<2.21E-05	<2.63E-05	<1.50E-05	<1.50E-05	<1.80E-05	<3.00E-05	<1.53E-05

Sample ID / Compound	Dibromochloromethane	1,2-Dibromoethane (EDB)	1,1,1,2-Tetrachloroethane	Bromoform	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	1-1,4-Dichloro-2-butene	tert-butyl benzene	i-Butylbenzene	sec-butylbenzene	1,3-Dichlorobenzene	1,2-Dibromo-3-chloropropane	1,2,3-Trichlorobenzene
CAS	124-48-1	106-93-4	630-20-6	75-25-2	79-34-5	96-18-4	110-57-6	98-06-6	538-93-2	135-98-8	541-73-1	96-12-8	87-61-6
MW	208.3	187.9	167.8	252.7	167.8	147.4	125	134.2	134.2	134.2	147	236.3	181.4
Lab Data (ppbv)													
T-101	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-102	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-103	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-104	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-105	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-106	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-107	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-108	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-109	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-111	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-112	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-113	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-114	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-201	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-202	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-203	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-204	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-205	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-206	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-207	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-208	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-209	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-210	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-211	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-212	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-213	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-214	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-301	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-302	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-303	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-304	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-305	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-306	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-307	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-308	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-309	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-310	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-311	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-312	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-313	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-314	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-401	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-402	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-403	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-404	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-405	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-406	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-407	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-408	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-409	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-410	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-411	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-412	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-413	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-414	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-501	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-502	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-503	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-504	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-505	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-506	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-507	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-508	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-509	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-510	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Sample ID / Compound	Dibromochloromethane	1,2-Dibromoethane (EDB)	1,1,1,2-Tetrachloroethane	Bromoform	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	t-1,4-Dichloro-2-butene	tert-butyl benzene	i-Butylbenzene	sec-butylbenzene	1,3-Dichlorobenzene	1,2-Dibromo-3-chloropropane	1,2,3-Trichlorobenzene
CAS	124-48-1	106-93-4	630-20-6	75-25-2	79-34-5	96-18-4	110-57-6	98-06-6	538-93-2	135-98-8	541-73-1	96-12-8	87-61-6
MW	208.3	187.9	167.8	252.7	167.8	147.4	125	134.2	134.2	134.2	147	236.3	181.4
MDL (ppbv)													
T-101	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-102	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-103	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-104	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-105	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-106	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-107	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-108	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-109	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-110	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-111	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-112	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-113	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-114	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-201	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-202	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-203	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-204	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-205	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-206	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-207	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-208	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-209	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-210	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-211	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-212	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-213	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-214	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-301	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-302	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-303	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-304	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-305	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-306	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-307	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-308	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-309	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-310	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	0.83
T-311	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-312	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-313	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-314	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-401	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-402	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-403	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-404	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-405	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-406	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-407	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-408	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-409	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-410	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-411	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-412	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-413	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-414	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-501	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-502	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-503	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-504	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-505	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-506	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-507	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-508	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-509	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1
T-510	0.33	0.33	0.33	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1	1

Sample ID	Compound	Dibromochloromethane	1,2-Dibromoethane (EDB)	1,1,1,2-Tetrachloroethane	Bromoform	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	1-1,4-Dichloro-2-butene	tert-butyl benzene	i-Butylbenzene	sec-butylbenzene	1,3-Dichlorobenzene	1,2-Dibromo-3-chloropropane	1,2,3-Trichlorobenzene	Temp.		273.2	0.0820574
	CAS	124-48-1	106-93-4	630-20-6	75-25-2	79-34-5	96-18-4	110-57-6	98-06-6	538-93-2	135-98-8	541-73-1	96-12-8	87-61-6	oF	oC	oK	RT
	MW	208.3	187.9	167.8	252.7	167.8	147.4	125	134.2	134.2	134.2	147	236.3	181.4				
Data Used (ug/m3)																		
T-101		<1.34E+0(	<1.21E+0(	<1.08E+0(	<1.63E+0(	<2.19E+0(	<1.93E+0(	<1.63E+0(	<1.75E+0(	<1.75E+0(	<1.75E+0(	<1.92E+0(	<4.61E+0(	<3.54E+00	103	39.4	312.6	25.7
T-102		<1.34E+0(	<1.21E+0(	<1.08E+0(	<1.63E+0(	<2.20E+0(	<1.93E+0(	<1.64E+0(	<1.76E+0(	<1.76E+0(	<1.76E+0(	<1.92E+0(	<4.61E+0(	<3.54E+00	102	38.9	312.0	25.6
T-103		<1.36E+0(	<1.23E+0(	<1.10E+0(	<1.65E+0(	<2.23E+0(	<1.96E+0(	<1.66E+0(	<1.78E+0(	<1.78E+0(	<1.78E+0(	<1.95E+0(	<4.69E+0(	<3.60E+00	93	33.9	307.0	25.2
T-104		<1.34E+0(	<1.21E+0(	<1.08E+0(	<1.63E+0(	<2.20E+0(	<1.93E+0(	<1.64E+0(	<1.76E+0(	<1.76E+0(	<1.76E+0(	<1.93E+0(	<4.62E+0(	<3.55E+00	101	38.3	311.5	25.6
T-105		<1.35E+0(	<1.22E+0(	<1.09E+0(	<1.64E+0(	<2.21E+0(	<1.94E+0(	<1.65E+0(	<1.77E+0(	<1.77E+0(	<1.77E+0(	<1.94E+0(	<4.65E+0(	<3.57E+00	98	36.7	309.8	25.4
T-106		<1.34E+0(	<1.21E+0(	<1.08E+0(	<1.63E+0(	<2.19E+0(	<1.93E+0(	<1.63E+0(	<1.75E+0(	<1.75E+0(	<1.75E+0(	<1.92E+0(	<4.61E+0(	<3.54E+00	103	39.4	312.6	25.7
T-107		<1.34E+0(	<1.20E+0(	<1.08E+0(	<1.62E+0(	<2.18E+0(	<1.92E+0(	<1.63E+0(	<1.75E+0(	<1.75E+0(	<1.75E+0(	<1.91E+0(	<4.59E+0(	<3.52E+00	105	40.6	313.7	25.7
T-108		<1.34E+0(	<1.21E+0(	<1.08E+0(	<1.63E+0(	<2.19E+0(	<1.93E+0(	<1.63E+0(	<1.75E+0(	<1.75E+0(	<1.75E+0(	<1.92E+0(	<4.61E+0(	<3.54E+00	103	39.4	312.6	25.7
T-109		<1.33E+0(	<1.20E+0(	<1.07E+0(	<1.62E+0(	<2.18E+0(	<1.91E+0(	<1.62E+0(	<1.74E+0(	<1.74E+0(	<1.74E+0(	<1.91E+0(	<4.58E+0(	<3.52E+00	106	41.1	314.3	25.8
T-110		<1.34E+0(	<1.20E+0(	<1.08E+0(	<1.62E+0(	<2.18E+0(	<1.92E+0(	<1.63E+0(	<1.75E+0(	<1.75E+0(	<1.75E+0(	<1.91E+0(	<4.59E+0(	<3.52E+00	105	40.6	313.7	25.7
T-111		<1.33E+0(	<1.20E+0(	<1.07E+0(	<1.62E+0(	<2.18E+0(	<1.91E+0(	<1.62E+0(	<1.74E+0(	<1.74E+0(	<1.74E+0(	<1.91E+0(	<4.58E+0(	<3.52E+00	106	41.1	314.3	25.8
T-112		<1.30E+0(	<1.17E+0(	<1.04E+0(	<1.57E+0(	<2.12E+0(	<1.86E+0(	<1.58E+0(	<1.70E+0(	<1.70E+0(	<1.70E+0(	<1.86E+0(	<4.46E+0(	<3.42E+00	122	50.0	323.2	26.5
T-113		<1.30E+0(	<1.17E+0(	<1.04E+0(	<1.57E+0(	<2.12E+0(	<1.86E+0(	<1.58E+0(	<1.70E+0(	<1.70E+0(	<1.70E+0(	<1.86E+0(	<4.46E+0(	<3.42E+00	122	50.0	323.2	26.5
T-114		<1.41E+0(	<1.27E+0(	<1.14E+0(	<1.71E+0(	<2.31E+0(	<2.03E+0(	<1.72E+0(	<1.84E+0(	<1.84E+0(	<1.84E+0(	<2.02E+0(	<4.85E+0(	<3.72E+00	75	23.9	297.0	24.4
T-201		<1.38E+0(	<1.24E+0(	<1.11E+0(	<1.67E+0(	<2.25E+0(	<1.98E+0(	<1.68E+0(	<1.80E+0(	<1.80E+0(	<1.80E+0(	<1.97E+0(	<4.73E+0(	<3.63E+00	88	31.1	304.3	25.0
T-202		<1.38E+0(	<1.24E+0(	<1.11E+0(	<1.67E+0(	<2.26E+0(	<1.98E+0(	<1.68E+0(	<1.80E+0(	<1.80E+0(	<1.80E+0(	<1.98E+0(	<4.74E+0(	<3.64E+00	87	30.6	303.7	24.9
T-203		<1.36E+0(	<1.23E+0(	<1.10E+0(	<1.65E+0(	<2.23E+0(	<1.96E+0(	<1.66E+0(	<1.78E+0(	<1.78E+0(	<1.78E+0(	<1.95E+0(	<4.69E+0(	<3.60E+00	93	33.9	307.0	25.2
T-204		<1.37E+0(	<1.24E+0(	<1.10E+0(	<1.66E+0(	<2.24E+0(	<1.97E+0(	<1.67E+0(	<1.79E+0(	<1.79E+0(	<1.79E+0(	<1.97E+0(	<4.72E+0(	<3.62E+00	90	32.2	305.4	25.1
T-205		<1.34E+0(	<1.21E+0(	<1.08E+0(	<1.63E+0(	<2.20E+0(	<1.93E+0(	<1.64E+0(	<1.76E+0(	<1.76E+0(	<1.76E+0(	<1.93E+0(	<4.62E+0(	<3.55E+00	101	38.3	311.5	25.6
T-206		<1.30E+0(	<1.17E+0(	<1.05E+0(	<1.58E+0(	<2.12E+0(	<1.87E+0(	<1.58E+0(	<1.70E+0(	<1.70E+0(	<1.70E+0(	<1.86E+0(	<4.46E+0(	<3.43E+00	121	49.4	322.6	26.5
T-207		<1.35E+0(	<1.22E+0(	<1.09E+0(	<1.63E+0(	<2.20E+0(	<1.94E+0(	<1.64E+0(	<1.76E+0(	<1.76E+0(	<1.76E+0(	<1.93E+0(	<4.63E+0(	<3.55E+00	100	37.8	310.9	25.5
T-208		<1.30E+0(	<1.17E+0(	<1.05E+0(	<1.58E+0(	<2.12E+0(	<1.87E+0(	<1.58E+0(	<1.70E+0(	<1.70E+0(	<1.70E+0(	<1.86E+0(	<4.46E+0(	<3.43E+00	121	49.4	322.6	26.5
T-209		<1.34E+0(	<1.21E+0(	<1.08E+0(	<1.63E+0(	<2.20E+0(	<1.93E+0(	<1.64E+0(	<1.76E+0(	<1.76E+0(	<1.76E+0(	<1.93E+0(	<4.62E+0(	<3.55E+00	101	38.3	311.5	25.6
T-210		<1.34E+0(	<1.21E+0(	<1.08E+0(	<1.63E+0(	<2.19E+0(	<1.93E+0(	<1.63E+0(	<1.75E+0(	<1.75E+0(	<1.75E+0(	<1.92E+0(	<4.61E+0(	<3.54E+00	103	39.4	312.6	25.7
T-211		<1.34E+0(	<1.21E+0(	<1.08E+0(	<1.63E+0(	<2.19E+0(	<1.93E+0(	<1.63E+0(	<1.75E+0(	<1.75E+0(	<1.75E+0(	<1.92E+0(	<4.61E+0(	<3.54E+00	103	39.4	312.6	25.7
T-212		<1.33E+0(	<1.20E+0(	<1.07E+0(	<1.61E+0(	<2.17E+0(	<1.90E+0(	<1.62E+0(	<1.73E+0(	<1.73E+0(	<1.73E+0(	<1.90E+0(	<4.56E+0(	<3.50E+00	109	42.8	315.9	25.9
T-213		<1.33E+0(	<1.20E+0(	<1.07E+0(	<1.61E+0(	<2.17E+0(	<1.90E+0(	<1.62E+0(	<1.73E+0(	<1.73E+0(	<1.73E+0(	<1.90E+0(	<4.56E+0(	<3.50E+00	109	42.8	315.9	25.9
T-214		<1.41E+0(	<1.27E+0(	<1.14E+0(	<1.71E+0(	<2.31E+0(	<2.03E+0(	<1.72E+0(	<1.84E+0(	<1.84E+0(	<1.84E+0(	<2.02E+0(	<4.85E+0(	<3.72E+00	75	23.9	297.0	24.4
T-301		<1.38E+0(	<1.24E+0(	<1.11E+0(	<1.67E+0(	<2.25E+0(	<1.98E+0(	<1.68E+0(	<1.80E+0(	<1.80E+0(	<1.80E+0(	<1.97E+0(	<4.73E+0(	<3.63E+00	88	31.1	304.3	25.0
T-302		<1.39E+0(	<1.25E+0(	<1.12E+0(	<1.69E+0(	<2.27E+0(	<2.00E+0(	<1.69E+0(	<1.82E+0(	<1.82E+0(	<1.82E+0(	<1.99E+0(	<4.78E+0(	<3.67E+00	83	28.3	301.5	24.7
T-303		<1.38E+0(	<1.25E+0(	<1.12E+0(	<1.68E+0(	<2.26E+0(	<1.99E+0(	<1.69E+0(	<1.81E+0(	<1.81E+0(	<1.81E+0(	<1.98E+0(	<4.76E+0(	<3.65E+00	85	29.4	302.6	24.8
T-304		<1.37E+0(	<1.24E+0(	<1.11E+0(	<1.67E+0(	<2.25E+0(	<1.97E+0(	<1.67E+0(	<1.80E+0(	<1.80E+0(	<1.80E+0(	<1.97E+0(	<4.72E+0(	<3.63E+00	89	31.7	304.8	25.0
T-305		<1.36E+0(	<1.22E+0(	<1.09E+0(	<1.65E+0(	<2.22E+0(	<1.95E+0(	<1.65E+0(	<1.77E+0(	<1.77E+0(	<1.77E+0(	<1.94E+0(	<4.66E+0(	<3.58E+00	96	35.6	308.7	25.3
T-306		<1.35E+0(	<1.22E+0(	<1.09E+0(	<1.64E+0(	<2.22E+0(	<1.95E+0(	<1.65E+0(	<1.77E+0(	<1.77E+0(	<1.77E+0(	<1.94E+0(	<4.66E+0(	<3.57E+00	97	36.1	309.3	25.4
T-307		<1.35E+0(	<1.22E+0(	<1.09E+0(	<1.64E+0(	<2.21E+0(	<1.94E+0(	<1.65E+0(	<1.77E+0(	<1.77E+0(	<1.77E+0(	<1.94E+0(	<4.65E+0(	<3.57E+00	98	36.7	309.8	25.4
T-308		<1.35E+0(	<1.22E+0(	<1.09E+0(	<1.64E+0(	<2.21E+0(	<1.94E+0(	<1.64E+0(	<1.77E+0(	<1.77E+0(	<1.77E+0(	<1.93E+0(	<4.64E+0(	<3.56E+00	99	37.2	310.4	25.5
T-309		<1.33E+0(	<1.20E+0(	<1.07E+0(	<1.61E+0(	<2.17E+0(	<1.90E+0(	<1.62E+0(	<1.73E+0(	<1.73E+0(	<1.73E+0(	<1.90E+0(	<4.56E+0(	<3.50E+00	109	42.8	315.9	25.9
T-310		<1.34E+0(	<1.21E+0(	<1.08E+0(	<1.62E+0(	<2.19E+0(	<1.92E+0(	<1.63E+0(	<1.75E+0(	<1.75E+0(	<1.75E+0(	<1.92E+0(	<4.60E+0(	<2.93E+00	104	40.0	313.2	25.7
T-311		<1.32E+0(	<1.19E+0(	<1.06E+0(	<1.60E+0(	<2.15E+0(	<1.89E+0(	<1.60E+0(	<1.72E+0(	<1.72E+0(	<1.72E+0(	<1.89E+0(	<4.53E+0(	<3.47E+00	113	45.0	318.2	26.1
T-312		<1.32E+0(	<1.19E+0(	<1.06E+0(	<1.60E+0(	<2.16E+0(	<1.90E+0(	<1.61E+0(	<1.73E+0(	<1.73E+0(	<1.73E+0(	<1.89E+0(	<4.54E+0(	<3.49E+00	111	43.9	317.0	26.0
T-313		<1.32E+0(	<1.19E+0(	<1.06E+0(	<1.60E+0(	<2.16E+0(	<1.90E+0(	<1.61E+0(	<1.73E+0(	<1.73E+0(	<1.73E+0(	<1.89E+0(	<4.54E+0(	<3.49E+00	111	43.9	317.0	26.0
T-314		<1.41E+0(	<1.27E+0(	<1.14E+0(	<1.71E+0(	<2.31E+0(	<2.03E+0(	<1.72E+0(	<1.84E+0(	<1.84E+0(	<1.84E+0(	<2.02E+0(	<4.85E+0(	<3.72E+00	75	23.9	297.0	24.4
T-401		<1.39E+0(	<1.25E+0(	<1.12E+0(	<1.69E+0(	<2.27E+0(	<2.00E+0(	<1.69E+0(	<1.82E+0(	<1.82E+0(	<1.82E+0(	<1.99E+0(	<4.78E+0(	<3.67E+00	83	28.3	301.5	24.7
T-402		<1.37E+0(	<1.23E+0(	<1.10E+0(	<1.66E+0(	<2.24E+0(	<1.96E+0(	<1.67E+0(	<1.79E+0(	<1.79E+0(	<1.79E+0(	<1.96E+0(	<4.70E+0(	<3.61E+00	92	33.3	306.5	25.1
T-403		<1.37E+0(	<1.24E+0(	<1.11E+0(	<1.67E+0(	<2.25E+0(	<1.97E+0(	<1.67E+0(	<1.80E+0(	<1.80E+0(	<1.80E+0(	<1.97E+0(	<4.72E+0(	<3.63E+00	89	31.7	304.8	25.0
T-404		<1.41E+0(	<1.27E+0(	<1.13E+0(	<1.71E+0(	<2.30E+0(	<2.02E+0(	<1.71E+0(	<1.84E+0(	<1.84E+0(	<1.84E+0(	<2.02E+0(	<4.84E+0(	<3.71E+00	76	24.4	297.6	24.4
T-405		<1.37E+0(	<1.24E+0(	<1.10E+0(	<1.66E+0(	<2.24E+0(	<1.97E+0(	<1.67E+0(	<1.79E+0(	<1.79E+0(	<1.79E+0(	<1.96E+0(	<4.71E+0(	<3.61E+00	91	32.8	305.9	25.1
T-406		<1.35E+0(	<1.22E+0(	<1.09E+0(	<1.64E+0(	<2.21E+0(	<1.94E+0(	<1.65E+0(	<1.77E+0(	<1.77E+0(	<1.77E+0(	<1.94E+0(	<4.65E+0(	<3.57E+00	98	36.7	309.8	25.4
T-407		<1.34E+0(	<1.21E+0(	<1.08E+0(	<1.63E+0(	<2.20E+0(	<1.93E+0(	<1.64E+0(	<1.76E+0(	<1.76E+0(	<1.76E+0(	<1.93E+0(	<4.62E+0(	<3.55E+00	101	38.3	311.5	25.6
T-408		<1.36E+0(	<1.23E+0(	<1.10E+0(	<1.65E+0(	<2.23E+0(	<1.96E+0(	<1.66E+0(	<1.78E+0(	<1.78E+0(	<1.78E+0(	<1.95E+0(	<4.69E+0(	<3.60E+00	93	33.9	307.0	25.2
T-409		<1.33E+0(	<1.20E+0(	<1.07E+0(	<1.62E+0(	<2.18E+0(	<1.91E+0(	<1.62E+0(	<1.74E+0(	<1.74E+0(	<1.74E+0(	<1.91E+0(	<4.58E+0(	<3.52E+00	106	41.1	314.3	25.8
T-410		<1.34E+0(	<1.21E+0(	<1.08E+0(	<1.63E+0(	<2.20E+0(	<1.93E+0(	<1.64E+0(	<1.76E+0(	<1.76E+0(	<1.76E+0(	<1.92E+0(	<4.61E+0(	<3.54E+00	102	38.9	312.0	25.6
T-411		<1.33E+0(	<1.20E+0(	<1.07E+0(	<1.61E+0(	<2.17E+0(	<1.91E+0(	<1.62E+0(	<1.74E+0(	<1.74E+0(	<1.74E+0(	<1.90E+0(	<4.57E+0(	<3.50E+00	108	42.2	315.4	25.9
T-412		<1.33E+0(	<1.20E+0(	<1.07E+0(	<1.62E+0(	<2.18E+0(	<1.91E+0(	<1.62E+0(	<1.74E+0(	<1.74E+0(	<1.74E+0(	<1.91E+0(	<4.58E+0(	<3.52E+00	106	41.1	314.3	25.8
T-413		<1.33E+0(	<1.20E+0(	<1.07E+0(	<1.62E+0(	<2.18E+0(	<1.91E+0(	<1.62E+0(	<1.74E+0(	<1.74E+0(	<1.74E+0(	<1.91E+0(	<4.58E+0(	<3.52E+00	106	41.1	314.3	25.8
T-414		<1.41E+0(	<1.27E+0(	<1.14E+0(	<1.71E+0(	<2.31E+0(	<2.03E+0(	<1.72E+0(	<1.84E+0(	<1.84E+0(	<1.84E+0(	<2.02E+0(	<4.85E+0(	<3.72E+00	75	23.9	297.0	24.4
T-501		<1.37E+0(	<1.24E+0(	<1.11E+0(	<1.67E+0(	<2.25E+0(	<1.97E+0(	<1.67E+0(	<1.80E+0(	<1.80E+0(	<1.80E+0(	<1.97E+0(	<4.72E+0(	<3.63E+00	89	31.7	304.8	25.0
T-502		<1.35E+0(	<1.22E+0(	<1.09E+0(	<1.64E+0(	<2.22E+0(	<1.95E+0(	<1.65E+0(	<1.77E+0(	<1.77E+0(	<1.77E+0(	<1.94E+0(	<4.66E+0(	<3.57E+00	97	36.1	309.3	25.4
T-503		<1.36E+0(	<1.23E+0(	<1.10E+0(	<1.65E+0(	<2.23E+0(	<1.96E+0(	<1.66E+0(	<1.78E+0(	<1.78E+0(	<1.78E+0(	<1.95E+0(	<4.69E+0(	<3.60E+00	93	33.9	307.0	25.2
T-504		<1.36E+0(	<1.23E+0(	<1.09E+0(	<1.65E+0(	<2.22E+0(	<1.95E+0(	<1.66E+0(	<1.78E+0(	<1.78E+0(	<1.78E+0(	<1.95E+0(	<4.67E+0(	<3.59E+00	95	35.0	308.2	25.3
T-505		<1.33E+0(	<1.20E+0(	<1.07E+0(	<1.61E+0(	<2.17E+0(	<1.90E+0(	<1.62E+0(	<1.73E+0(	<1.73E+0(	<1.73E+0(	<1.90E+0(	<4.56E+0(	<3.50E+00	109	42.8	315.9	25.9
T-506		<1.34E+0(	<1.20E+0(	<1.08E+0(	<1.62E+0(	<2.18E+0(	<1.92E+0(	<1.63E+0(	<1.75E+0(	<1.75E+0(	<1.75E+0(	<1.91E+0(	<4.59E+0(	<3.52E+00	105	40.6	313.7	25.7
T-507		<1.37E+0(	<1.24E+0(	<1.11E+0(	<1.67E+0(	<2.25E+0(	<1.97E+0(	<1.67E+0(	<1.80E+0(	<1.80E+0(	<1.80E+0(	<1.97E+0(	<4.72E+0(	<3.63E+00	89	31.7	304.8	25.0
T-508		<1.34E+0(	<1.21E+0(	<1.08E+0(	<1.63E+0(	<2.20E+0(	<1.93E+0(	<1.64E+0(	<1.76E+0(	<1.76E+0(	<1.76E+0(	<1.93E+0(	<4.62E+0(	<3.55E+00	101	38.3	311.5	25.6
T-509		<1.34E+0(	<1.21E+0(	<1.08E+0(	<1.63E+0(	<2.20E+0(	<1.93E+0(	<1.64E+0(	<1.76E+0(	<1.76E+0(	<1.76E+0(	<1.93E+0(	<4.62E+0(	<3.55E+00	101	38.3	311.5	25.6
T-510		<1.41E+0(	<1.27E+0(	<1.14E+0(	<1.71E+0(	<2.31E+0(	<2.03E+0(	<1.72E+0(	<1.84E+0(	<1.84E+0(	<1.84E+0(	<2.02E+0(	<4.85E+0(	<3.72E+00	75	23.9	297.0	24.4

Sample ID	Compound	Dibromochloromethane	1,2-Dibromoethane (EDB)	1,1,1,2-Tetrachloroethane	Bromoform	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	1-1,4-Dichloro-2-butene	tert-butyl benzene	i-Butylbenzene	sec-butylbenzene	1,3-Dichlorobenzene	1,2-Dibromo-3-chloropropane	1,2,3-Trichlorobenzene	
	CAS	124-48-1	106-93-4	630-20-6	75-25-2	79-34-5	96-18-4	110-57-6	98-06-6	538-93-2	135-98-8	541-73-1	96-12-8	87-61-6	
	MW	208.3	187.9	167.8	252.7	167.8	147.4	125	134.2	134.2	134.2	147	236.3	181.4	
Flux (mg/m2-min)															**Flow (m3/min)**
T-101		<2.49E-04	<2.25E-04	<2.01E-04	<3.02E-04	<4.08E-04	<3.58E-04	<3.04E-04	<3.26E-04	<3.26E-04	<3.26E-04	<3.57E-04	<8.57E-04	<6.58E-04	0.024
T-102		<1.46E-04	<1.31E-04	<1.17E-04	<1.77E-04	<2.38E-04	<2.09E-04	<1.77E-04	<1.91E-04	<1.91E-04	<1.91E-04	<2.09E-04	<5.01E-04	<3.84E-04	0.014
T-103		<1.56E-04	<1.41E-04	<1.26E-04	<1.89E-04	<2.55E-04	<2.24E-04	<1.90E-04	<2.04E-04	<2.04E-04	<2.04E-04	<2.23E-04	<5.36E-04	<4.12E-04	0.015
T-104		<2.16E-04	<1.95E-04	<1.74E-04	<2.62E-04	<3.53E-04	<3.10E-04	<2.63E-04	<2.82E-04	<2.82E-04	<2.82E-04	<3.09E-04	<7.42E-04	<5.70E-04	0.021
T-105		<6.08E-05	<5.48E-05	<4.90E-05	<7.37E-05	<9.94E-05	<8.73E-05	<7.40E-05	<7.95E-05	<7.95E-05	<7.95E-05	<8.71E-05	<2.09E-04	<1.60E-04	0.006
T-106		<6.35E-05	<5.73E-05	<5.12E-05	<7.70E-05	<1.04E-04	<9.12E-05	<7.74E-05	<8.31E-05	<8.31E-05	<8.31E-05	<9.10E-05	<2.18E-04	<1.68E-04	0.006
T-107		<1.22E-04	<1.10E-04	<9.80E-05	<1.48E-04	<1.99E-04	<1.75E-04	<1.48E-04	<1.59E-04	<1.59E-04	<1.59E-04	<1.74E-04	<4.18E-04	<3.21E-04	0.012
T-108		<6.79E-05	<6.12E-05	<5.47E-05	<8.24E-05	<1.11E-04	<9.75E-05	<8.27E-05	<8.88E-05	<8.88E-05	<8.88E-05	<9.73E-05	<2.33E-04	<1.79E-04	0.007
T-109		<9.46E-05	<8.53E-05	<7.62E-05	<1.15E-04	<1.55E-04	<1.36E-04	<1.15E-04	<1.24E-04	<1.24E-04	<1.24E-04	<1.36E-04	<3.25E-04	<2.50E-04	0.009
T-110		<1.27E-04	<1.14E-04	<1.02E-04	<1.54E-04	<2.07E-04	<1.82E-04	<1.54E-04	<1.66E-04	<1.66E-04	<1.66E-04	<1.82E-04	<4.36E-04	<3.35E-04	0.012
T-111		<5.26E-04	<4.75E-04	<4.24E-04	<6.38E-04	<8.60E-04	<7.56E-04	<6.41E-04	<6.88E-04	<6.88E-04	<6.88E-04	<7.54E-04	<1.81E-03	<1.39E-03	0.051
T-112		<2.14E-04	<1.93E-04	<1.72E-04	<2.60E-04	<3.50E-04	<3.08E-04	<2.61E-04	<2.80E-04	<2.80E-04	<2.80E-04	<3.07E-04	<7.36E-04	<5.65E-04	0.021
T-113		<1.27E-04	<1.14E-04	<1.02E-04	<1.54E-04	<2.07E-04	<1.82E-04	<1.54E-04	<1.66E-04	<1.66E-04	<1.66E-04	<1.82E-04	<4.36E-04	<3.35E-04	0.013
T-114		<5.72E-05	<5.16E-05	<4.61E-05	<6.94E-05	<9.36E-05	<8.22E-05	<6.97E-05	<7.48E-05	<7.48E-05	<7.48E-05	<8.20E-05	<1.97E-04	<1.51E-04	0.005
T-201		<5.29E-05	<4.78E-05	<4.27E-05	<6.42E-05	<8.66E-05	<7.61E-05	<6.45E-05	<6.93E-05	<6.93E-05	<6.93E-05	<7.59E-05	<1.82E-04	<1.40E-04	0.005
T-202		<5.30E-05	<4.78E-05	<4.27E-05	<6.43E-05	<8.68E-05	<7.62E-05	<6.46E-05	<6.94E-05	<6.94E-05	<6.94E-05	<7.60E-05	<1.82E-04	<1.40E-04	0.005
T-203		<1.01E-04	<9.12E-05	<8.15E-05	<1.23E-04	<1.65E-04	<1.45E-04	<1.23E-04	<1.32E-04	<1.32E-04	<1.32E-04	<1.45E-04	<3.48E-04	<2.67E-04	0.010
T-204		<1.02E-04	<9.17E-05	<8.19E-05	<1.23E-04	<1.66E-04	<1.46E-04	<1.24E-04	<1.33E-04	<1.33E-04	<1.33E-04	<1.46E-04	<3.50E-04	<2.68E-04	0.010
T-205		<9.24E-05	<8.34E-05	<7.45E-05	<1.12E-04	<1.51E-04	<1.33E-04	<1.13E-04	<1.21E-04	<1.21E-04	<1.21E-04	<1.32E-04	<3.18E-04	<2.44E-04	0.009
T-206		<5.57E-05	<5.02E-05	<4.49E-05	<6.75E-05	<9.11E-05	<8.00E-05	<6.78E-05	<7.28E-05	<7.28E-05	<7.28E-05	<7.98E-05	<1.91E-04	<1.47E-04	0.006
T-207		<1.23E-04	<1.11E-04	<9.91E-05	<1.49E-04	<2.01E-04	<1.77E-04	<1.50E-04	<1.61E-04	<1.61E-04	<1.61E-04	<1.76E-04	<4.23E-04	<3.25E-04	0.012
T-208		<8.15E-05	<7.36E-05	<6.57E-05	<9.89E-05	<1.33E-04	<1.17E-04	<9.93E-05	<1.07E-04	<1.07E-04	<1.07E-04	<1.17E-04	<2.80E-04	<2.15E-04	0.008
T-209		<1.12E-04	<1.01E-04	<9.01E-05	<1.36E-04	<1.83E-04	<1.61E-04	<1.36E-04	<1.46E-04	<1.46E-04	<1.46E-04	<1.60E-04	<3.85E-04	<2.95E-04	0.011
T-210		<1.37E-04	<1.23E-04	<1.10E-04	<1.66E-04	<2.23E-04	<1.96E-04	<1.66E-04	<1.79E-04	<1.79E-04	<1.79E-04	<1.96E-04	<4.69E-04	<3.60E-04	0.013
T-211		<1.91E-04	<1.72E-04	<1.54E-04	<2.31E-04	<3.12E-04	<2.74E-04	<2.32E-04	<2.50E-04	<2.50E-04	<2.50E-04	<2.73E-04	<6.56E-04	<5.03E-04	0.019
T-212		<2.99E-04	<2.69E-04	<2.41E-04	<3.62E-04	<4.89E-04	<4.29E-04	<3.64E-04	<3.91E-04	<3.91E-04	<3.91E-04	<4.28E-04	<1.03E-03	<7.88E-04	0.029
T-213		<3.01E-04	<2.71E-04	<2.42E-04	<3.65E-04	<4.92E-04	<4.32E-04	<3.67E-04	<3.94E-04	<3.94E-04	<3.94E-04	<4.31E-04	<1.03E-03	<7.94E-04	0.030
T-214		<5.48E-05	<4.94E-05	<4.41E-05	<6.64E-05	<8.95E-05	<7.87E-05	<6.67E-05	<7.16E-05	<7.16E-05	<7.16E-05	<7.84E-05	<1.88E-04	<1.44E-04	0.005
T-301		<1.05E-04	<9.48E-05	<8.47E-05	<1.28E-04	<1.72E-04	<1.51E-04	<1.28E-04	<1.38E-04	<1.38E-04	<1.38E-04	<1.51E-04	<3.61E-04	<2.77E-04	0.010
T-302		<5.64E-05	<5.09E-05	<4.54E-05	<6.84E-05	<9.23E-05	<8.10E-05	<6.87E-05	<7.38E-05	<7.38E-05	<7.38E-05	<8.08E-05	<1.94E-04	<1.49E-04	0.005
T-303		<5.94E-05	<5.36E-05	<4.79E-05	<7.21E-05	<9.72E-05	<8.54E-05	<7.24E-05	<7.77E-05	<7.77E-05	<7.77E-05	<8.51E-05	<2.04E-04	<1.57E-04	0.006
T-304		<5.60E-05	<5.05E-05	<4.51E-05	<6.80E-05	<9.16E-05	<8.05E-05	<6.83E-05	<7.33E-05	<7.33E-05	<7.33E-05	<8.03E-05	<1.93E-04	<1.48E-04	0.005
T-305		<5.28E-05	<4.76E-05	<4.25E-05	<6.40E-05	<8.63E-05	<7.58E-05	<6.43E-05	<6.90E-05	<6.90E-05	<6.90E-05	<7.56E-05	<1.81E-04	<1.39E-04	0.005
T-306		<5.21E-05	<4.70E-05	<4.20E-05	<6.32E-05	<8.52E-05	<7.48E-05	<6.35E-05	<6.81E-05	<6.81E-05	<6.81E-05	<7.46E-05	<1.79E-04	<1.37E-04	0.005
T-307		<5.20E-05	<4.69E-05	<4.19E-05	<6.31E-05	<8.50E-05	<7.47E-05	<6.34E-05	<6.80E-05	<6.80E-05	<6.80E-05	<7.45E-05	<1.79E-04	<1.37E-04	0.005
T-308		<5.19E-05	<4.68E-05	<4.18E-05	<6.30E-05	<8.49E-05	<7.46E-05	<6.32E-05	<6.79E-05	<6.79E-05	<6.79E-05	<7.44E-05	<1.78E-04	<1.37E-04	0.005
T-309		<5.10E-05	<4.60E-05	<4.11E-05	<6.19E-05	<8.34E-05	<7.33E-05	<6.21E-05	<6.67E-05	<6.67E-05	<6.67E-05	<7.31E-05	<1.75E-04	<1.35E-04	0.005
T-310		<1.02E-04	<9.25E-05	<8.26E-05	<1.24E-04	<1.68E-04	<1.47E-04	<1.25E-04	<1.34E-04	<1.34E-04	<1.34E-04	<1.47E-04	<3.52E-04	<2.24E-04	0.010
T-311		<6.46E-05	<5.82E-05	<5.20E-05	<7.83E-05	<1.06E-04	<9.28E-05	<7.87E-05	<8.45E-05	<8.45E-05	<8.45E-05	<9.25E-05	<2.22E-04	<1.70E-04	0.006
T-312		<6.78E-05	<6.12E-05	<5.46E-05	<8.23E-05	<1.11E-04	<9.74E-05	<8.26E-05	<8.87E-05	<8.87E-05	<8.87E-05	<9.72E-05	<2.33E-04	<1.79E-04	0.007
T-313		<5.86E-05	<5.29E-05	<4.72E-05	<7.11E-05	<9.59E-05	<8.42E-05	<7.14E-05	<7.67E-05	<7.67E-05	<7.67E-05	<8.40E-05	<2.01E-04	<1.55E-04	0.006
T-314		<5.42E-05	<4.89E-05	<4.37E-05	<6.58E-05	<8.87E-05	<7.79E-05	<6.61E-05	<7.09E-05	<7.09E-05	<7.09E-05	<7.77E-05	<1.86E-04	<1.43E-04	0.005
T-401		<6.53E-05	<5.89E-05	<5.26E-05	<7.92E-05	<1.07E-04	<9.38E-05	<7.95E-05	<8.54E-05	<8.54E-05	<8.54E-05	<9.35E-05	<2.24E-04	<1.72E-04	0.006
T-402		<1.04E-04	<9.35E-05	<8.35E-05	<1.26E-04	<1.70E-04	<1.49E-04	<1.26E-04	<1.36E-04	<1.36E-04	<1.36E-04	<1.49E-04	<3.56E-04	<2.74E-04	0.010
T-403		<1.56E-04	<1.41E-04	<1.26E-04	<1.89E-04	<2.55E-04	<2.24E-04	<1.90E-04	<2.04E-04	<2.04E-04	<2.04E-04	<2.24E-04	<5.36E-04	<4.12E-04	0.015
T-404		<6.18E-05	<5.57E-05	<4.98E-05	<7.49E-05	<1.01E-04	<8.88E-05	<7.53E-05	<8.08E-05	<8.08E-05	<8.08E-05	<8.85E-05	<2.12E-04	<1.63E-04	0.006
T-405		<5.27E-05	<4.75E-05	<4.24E-05	<6.39E-05	<8.61E-05	<7.57E-05	<6.42E-05	<6.89E-05	<6.89E-05	<6.89E-05	<7.54E-05	<1.81E-04	<1.39E-04	0.005
T-406		<8.38E-05	<7.56E-05	<6.75E-05	<1.02E-04	<1.37E-04	<1.20E-04	<1.02E-04	<1.10E-04	<1.10E-04	<1.10E-04	<1.20E-04	<2.88E-04	<2.21E-04	0.008
T-407		<1.00E-04	<9.03E-05	<8.07E-05	<1.21E-04	<1.64E-04	<1.44E-04	<1.22E-04	<1.31E-04	<1.31E-04	<1.31E-04	<1.43E-04	<3.44E-04	<2.64E-04	0.010
T-408		<8.04E-05	<7.26E-05	<6.48E-05	<9.76E-05	<1.32E-04	<1.16E-04	<9.80E-05	<1.05E-04	<1.05E-04	<1.05E-04	<1.15E-04	<2.77E-04	<2.12E-04	0.008
T-409		<7.59E-05	<6.85E-05	<6.12E-05	<9.21E-05	<1.24E-04	<1.09E-04	<9.25E-05	<9.93E-05	<9.93E-05	<9.93E-05	<1.09E-04	<2.61E-04	<2.00E-04	0.007
T-410		<5.55E-05	<5.01E-05	<4.47E-05	<6.74E-05	<9.08E-05	<7.98E-05	<6.77E-05	<7.26E-05	<7.26E-05	<7.26E-05	<7.96E-05	<1.91E-04	<1.47E-04	0.005
T-411		<6.08E-05	<5.49E-05	<4.90E-05	<7.38E-05	<9.95E-05	<8.74E-05	<7.41E-05	<7.96E-05	<7.96E-05	<7.96E-05	<8.72E-05	<2.09E-04	<1.61E-04	0.006
T-412		<5.69E-05	<5.14E-05	<4.59E-05	<6.91E-05	<9.31E-05	<8.18E-05	<6.94E-05	<7.45E-05	<7.45E-05	<7.45E-05	<8.16E-05	<1.96E-04	<1.50E-04	0.006
T-413		<7.76E-05	<7.00E-05	<6.25E-05	<9.42E-05	<1.27E-04	<1.12E-04	<9.46E-05	<1.02E-04	<1.02E-04	<1.02E-04	<1.11E-04	<2.67E-04	<2.05E-04	0.008
T-414		<5.42E-05	<4.89E-05	<4.37E-05	<6.58E-05	<8.87E-05	<7.79E-05	<6.61E-05	<7.09E-05	<7.09E-05	<7.09E-05	<7.77E-05	<1.86E-04	<1.43E-04	0.005
T-501		<1.07E-04	<9.68E-05	<8.64E-05	<1.30E-04	<1.76E-04	<1.54E-04	<1.31E-04	<1.40E-04	<1.40E-04	<1.40E-04	<1.54E-04	<3.69E-04	<2.83E-04	0.010
T-502		<6.32E-05	<5.70E-05	<5.09E-05	<7.66E-05	<1.03E-04	<9.07E-05	<7.69E-05	<8.26E-05	<8.26E-05	<8.26E-05	<9.05E-05	<2.17E-04	<1.67E-04	0.006
T-503		<7.32E-05	<6.61E-05	<5.90E-05	<8.88E-05	<1.20E-04	<1.05E-04	<8.92E-05	<9.58E-05	<9.58E-05	<9.58E-05	<1.05E-04	<2.52E-04	<1.93E-04	0.007
T-504		<5.62E-05	<5.07E-05	<4.53E-05	<6.82E-05	<9.20E-05	<8.08E-05	<6.85E-05	<7.36E-05	<7.36E-05	<7.36E-05	<8.06E-05	<1.93E-04	<1.48E-04	0.005
T-505		<5.10E-05	<4.60E-05	<4.11E-05	<6.19E-05	<8.34E-05	<7.33E-05	<6.21E-05	<6.67E-05	<6.67E-05	<6.67E-05	<7.31E-05	<1.75E-04	<1.35E-04	0.005
T-506		<6.80E-05	<6.13E-05	<5.48E-05	<8.25E-05	<1.11E-04	<9.77E-05	<8.28E-05	<8.89E-05	<8.89E-05	<8.89E-05	<9.74E-05	<2.34E-04	<1.79E-04	0.007
T-507		<5.34E-05	<4.81E-05	<4.30E-05	<6.47E-05	<8.73E-05	<7.67E-05	<6.50E-05	<6.98E-05	<6.98E-05	<6.98E-05	<7.65E-05	<1.83E-04	<1.41E-04	0.005
T-508		<5.33E-05	<4.81E-05	<4.29E-05	<6.46E-05	<8.71E-05	<7.65E-05	<6.49E-05	<6.97E-05	<6.97E-05	<6.97E-05	<7.63E-05	<1.83E-04	<1.41E-04	0.005
T-509		<5.29E-05	<4.77E-05	<4.26E-05	<6.42E-05	<8.65E-05	<7.60E-05	<6.44E-05	<6.92E-05	<6.92E-05	<6.92E-05	<7.58E-05	<1.82E-04	<1.40E-04	0.005
T-510		<5.47E-05	<4.93E-05	<4.40E-05	<6.63E-05	<8.94E-05	<7.85E-05	<6.66E-05	<7.15E-05	<7.15E-05	<7.15E-05	<7.83E-05	<1.88E-04	<1.44E-04	0.005

Sample ID	Compound	Benzene	Propane	Toluene	Ethane	n-Butane	Ethene	m,p-xylene	n-propylbenzene	Propene	Ethylbenzene	1,2,4-Trimethylbenzene	n-Heptane	o-xylene	n-Decane
	CAS	71-43-2	74-98-6	108-88-3	74-84-0	106-97-8	74-85-1	108-38-3	103-65-1	115-07-1	100-41-4	95-63-6	142-82-5	95-47-6	124-18-5
	MW	78.1	44.1	92.1	30.1	58.1	28.1	106.2	120.2	42.1	106.2	120.2	100.2	106.2	142.3
Lab Data (ppbv)															
T-101		ND	2.4	ND	3.27	ND	4.23	ND	ND	2	ND	1.4	ND	ND	ND
T-102		ND	2.09	ND	3.22	2.34	ND	ND	ND	ND	ND	4.26	ND	ND	ND
T-103		10.14	45.24	25.35	14.82	97.62	15	30.41	56.35	54.58	21.74	37.94	3.58	13.28	14.88
T-104		6.77	666.19	19.36	133.87	339.28	135.44	17.27	52.63	316.47	9.87	4.8	5.09	17.1	6.9
T-105		30.74	3.13	7.03	4.61	1.25	2.93	5.6	2.42	4.15	2.96	0.74	5.69	1.79	2.34
T-106		5.05	ND	0.77	3.23	ND	2.2	ND	1.08	1.98	ND	ND	1.16	ND	1.31
T-107		70.87	4.67	15.69	8.03	2.57	3.8	7.94	4.03	12.1	3.17	1.16	8.13	2.41	1.5
T-108		7.92	2.27	1.37	3.08	1.49	2.5	1.09	1.61	2.82	0.76	0.47	1.61	ND	1.18
T-109		0.77	1.59	0.96	3.08	ND	ND	1.7	ND	ND	0.55	ND	ND	ND	ND
T-110		ND	2.25	ND	2.79	2.55	ND	1.77	ND	ND	ND	ND	ND	0.51	ND
T-111		1	1.47	ND	2.75	9.93	2.62	ND	0.58	ND	ND	ND	ND	ND	ND
T-112		ND	ND	0.97	ND	2.62	3.47	ND	25.04	ND	2.71	ND	ND	1.5	15.26
T-113		2.48	30.1	4.17	13.04	338.24	15.66	0.65	29.55	141.73	1.29	17.59	2.41	1.5	ND
T-114		ND	ND	ND	2.83	ND	3.25	ND	ND	1.61	ND	ND	ND	ND	ND
T-201		ND	9.62	ND	6.08	5.45	2.75	ND	ND	4.69	ND	2.16	ND	ND	2.57
T-202		ND	1.53	ND	2.46	8.36	3.44	ND	ND	2.25	ND	ND	ND	ND	ND
T-203		16.42	1.94	159.98	139.84	ND	88.66	31.44	225.53	ND	17.55	28.81	118.28	35.04	3.59
T-204		27.35	4.34	275.72	735.88	7.32	650.8	52.01	236.77	10.72	21.25	3.17	243.33	20.11	17.67
T-205		ND	1.43	2.19	ND	1.02	2.9	0.7	3.32	ND	ND	ND	2.94	ND	ND
T-206		ND	ND	1.49	ND	1.74	4.01	1.12	1.8	ND	ND	ND	1.16	ND	ND
T-207		ND	4.16	ND	11.09	ND	2.32	ND	1.22	2.12	ND	ND	0.8	ND	ND
T-208		ND	14.53	6.61	3.58	5.69	8.86	2.03	45.17	5.5	1.36	54.76	0.62	2.38	21.73
T-209		ND	ND	ND	2.91	ND	ND	ND	ND	ND	ND	0.5	ND	ND	ND
T-210		ND	1.49	ND	2.09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-211		ND	1.45	0.9	2.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-212		ND	1.7	ND	3.35	ND	2.05	ND	ND	1.57	ND	ND	ND	ND	ND
T-213		ND	ND	ND	3.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-214		ND	ND	ND	5.06	ND	2.89	ND	ND	ND	ND	ND	ND	ND	ND
T-301		7.4	4.52	0.86	5.39	5.46	ND	0.51	ND	6.77	0.57	1.3	1.41	0.88	ND
T-302		11.16	4.57	1.43	9.27	3.39	3.67	1.2	ND	6.92	1.98	2.42	3.92	1.22	0.89
T-303		4.84	2.24	0.58	3.26	ND	2.11	ND	ND	2.53	0.63	ND	1.13	0.9	0.67
T-304		28.07	2.62	6.38	3.11	7.43	ND	2.94	ND	3.16	ND	1.67	33.58	2.16	ND
T-305		115.2	2.93	68.63	4.65	2.29	2.79	67.84	15.63	4.57	59.63	42.95	9.06	34.91	29.39
T-306		289.41	5.64	121.2	7.49	5.41	5.07	144	33.43	11.78	130.69	84.87	23.25	47.41	54.82
T-307		13.41	7.61	34.22	5.52	2.49	6.71	135.33	19.28	14.85	136.75	87.82	24.5	63.75	57.19
T-308		302.47	4.33	111.91	8.49	5.92	4.42	93.05	6.32	13.5	96.96	27.74	20.48	35.03	15.69
T-309		ND	1.7	ND	ND	ND	2.45	ND	ND	1.34	ND	ND	ND	ND	ND
T-310		665.51	5.47	202.33	6.4	6.29	6.56	293.13	76.41	15.99	264.54	190	46.96	147.14	61.88
T-311		2.69	2.45	0.83	2.92	ND	3.02	2.46	ND	2.68	1.75	5.05	ND	2.57	1.47
T-312		286.78	3.64	90.89	6.2	2.78	4.8	93.88	20.25	9.35	78.75	123.35	25.07	36.61	90.05
T-313		280.78	3.89	72.88	5.68	5.5	4.5	42.05	10.93	8.73	45.71	24.07	24.59	19.62	7.12
T-314		ND	1.78	ND	2.64	ND	2.75	ND	ND	ND	ND	ND	ND	ND	ND
T-401		2.25	1.9	0.77	2.71	2.07	2.51	0.82	1.95	ND	0.73	0.74	ND	1.08	0.46
T-402		0.67	4.08	ND	2.56	9.54	ND	ND	1.84	1.37	ND	ND	ND	ND	0.98
T-403		ND	4.84	0.63	ND	7.37	2.19	1.27	5	1.88	0.83	65.13	ND	1.47	65.23
T-404		8.04	80.71	37.52	17.04	102.17	8.51	10.78	40.85	135.78	3.37	ND	42.74	4	1.43
T-405		0.8	ND	ND	ND	3.26	2.24	ND	ND	ND	ND	ND	ND	ND	0.65
T-406		1.13	1.97	ND	2.93	10.22	ND	ND	ND	1.58	ND	ND	ND	ND	ND
T-407		ND	1.38	ND	3.08	2.78	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-408		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-409		2.1	ND	ND	2.19	ND	2.59	ND	ND	2.28	ND	ND	ND	1.37	ND
T-410		0.94	ND	ND	2.13	5.5	2.68	0.77	0.86	ND	ND	ND	ND	1.08	1.43
T-411		ND	2.06	ND	ND	ND	2.54	ND	ND	2.14	ND	ND	ND	ND	ND
T-412		0.68	2.08	ND	3.41	3.24	2.26	0.77	ND	1.77	ND	ND	ND	ND	ND
T-413		0.76	1.39	ND	2.29	2.8	2.68	1.21	1.04	2.84	0.51	0.57	ND	1.39	0.93
T-414		ND	ND	ND	2.15	ND	2.47	ND	ND	ND	ND	ND	ND	ND	ND
T-501		ND	ND	ND	2.72	ND	2.15	ND	ND	ND	ND	ND	ND	ND	ND
T-502		ND	40.43	ND	7.09	6.83	10.99	ND	ND	10.68	0.98	18.73	ND	ND	0.57
T-503		ND	4.65	1.02	5.92	2.34	4.84	ND	ND	11.03	1.6	ND	1.08	0.59	1.9
T-504		12.92	857.33	34.33	10.13	180.87	ND	7.5	122.41	111.18	21.76	72.51	35.62	14.87	3.11
T-505		ND	2.05	1.01	2.62	1.21	2.5	0.79	0.97	1.67	ND	ND	ND	0.55	1.48
T-506		ND	1.49	ND	3.17	1.5	2.39	ND	ND	ND	ND	ND	ND	ND	ND
T-507		ND	1.64	ND	2.17	ND	ND	ND	ND	ND	ND	0.78	ND	ND	ND
T-508		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.69	ND	ND	ND
T-509		ND	ND	ND	ND	ND	3.23	ND	ND	ND	ND	1.28	ND	ND	ND
T-510		ND	ND	ND	2.84	ND	3.2	ND	ND	ND	ND	ND	ND	ND	ND

Sample ID	Compound	Benzene	Propane	Toluene	Ethane	n-Butane	Ethene	m,p-xylene	n-propylbenzene	Propene	Ethylbenzene	1,2,4-Trimethylbenzene	n-Heptane	o-xylene	n-Decane
	CAS	71-43-2	74-98-6	108-88-3	74-84-0	106-97-8	74-85-1	108-38-3	103-65-1	115-07-1	100-41-4	95-63-6	142-82-5	95-47-6	124-18-5
	MW	78.1	44.1	92.1	30.1	58.1	28.1	106.2	120.2	42.1	106.2	120.2	100.2	106.2	142.3
MDL (ppbv)															
T-101		0.99	1.98	0.85	2.97	1.48	2.97	0.74	0.66	1.98	0.74	0.66	0.85	0.74	0.59
T-102		0.85	1.70	0.73	2.54	1.27	2.54	0.64	0.57	1.70	0.64	0.57	0.73	0.64	0.51
T-103		0.95	1.90	0.81	2.85	1.43	2.85	0.71	0.63	1.90	0.71	0.63	0.81	0.71	0.57
T-104		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-105		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-106		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-107		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-108		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-109		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-110		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-111		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-112		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-113		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-114		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-201		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-202		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-203		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-204		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-205		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-206		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-207		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-208		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-209		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-210		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-211		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-212		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-213		0.91	1.81	0.78	2.72	1.36	2.72	0.68	0.60	1.81	0.68	0.60	0.78	0.68	0.54
T-214		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-301		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-302		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-303		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-304		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-305		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-306		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-307		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-308		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-309		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-310		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-311		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-312		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-313		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-314		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-401		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-402		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-403		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-404		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-405		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-406		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-407		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-408		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-409		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-410		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-411		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-412		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-413		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-414		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-501		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-502		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-503		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-504		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-505		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-506		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-507		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40
T-508		1.07	2.15	0.92	3.22	1.61	3.22	0.81	0.72	2.15	0.81	0.72	0.92	0.81	0.64
T-509		1.06	2.13	0.91	3.19	1.60	3.19	0.80	0.71	2.13	0.80	0.71	0.91	0.80	0.64
T-510		0.67	1.33	0.57	2.00	1.00	2.00	0.50	0.44	1.33	0.50	0.44	0.57	0.50	0.40

Sample ID	Compound	Benzene	Propane	Toluene	Ethane	n-Butane	Ethene	m,p-xylene	n-propylbenzene	Propene	Ethylbenzene	1,2,4-Trimethylbenzene	n-Heptane	o-xylene	n-Decane
	CAS	71-43-2	74-98-6	108-88-3	74-84-0	106-97-8	74-85-1	108-38-3	103-65-1	115-07-1	100-41-4	95-63-6	142-82-5	95-47-6	124-18-5
	MW	78.1	44.1	92.1	30.1	58.1	28.1	106.2	120.2	42.1	106.2	120.2	100.2	106.2	142.3
Data Used (ug/m3)															
T-101		<1.50E+00	4.13	<1.52E+00	3.84	<1.68E+00	4.63	<1.53E+00	<1.54E+00	3.28	<1.53E+00	6.56	<1.65E+00	<1.53E+00	<1.65E+00
T-102		<1.29E+00	3.60	<1.31E+00	3.79	5.31	<1.40E+00	<1.32E+00	<1.33E+00	<1.39E+00	<1.32E+00	20.00	<1.42E+00	<1.32E+00	<1.41E+00
T-103		31.43	79.19	92.67	17.71	225.11	16.73	128.18	268.84	91.20	91.64	181.01	14.24	55.98	84.04
T-104		20.69	1,149.43	69.76	157.65	771.23	148.90	71.76	247.51	521.27	41.01	22.57	19.95	71.05	38.42
T-105		94.43	5.43	25.47	5.46	2.86	3.24	23.39	11.44	6.87	12.36	3.50	22.43	7.48	13.10
T-106		15.38	<1.15E+00	2.76	3.79	<1.13E+00	2.41	<1.04E+00	5.06	3.25	<1.04E+00	<1.04E+00	4.53	<1.04E+00	7.27
T-107		215.02	8.00	56.14	9.39	5.80	4.15	32.76	18.82	19.79	13.08	5.42	31.65	9.94	8.29
T-108		24.11	3.90	4.92	3.61	3.37	2.74	4.51	7.54	4.63	3.15	2.20	6.29	<1.04E+00	6.55
T-109		2.33	2.72	3.43	3.60	<1.13E+00	<1.09E+00	7.00	<1.04E+00	<1.09E+00	2.27	<1.04E+00	<1.11E+00	<1.03E+00	<1.10E+00
T-110		<1.01E+00	3.85	<1.02E+00	3.26	5.76	<1.09E+00	7.30	<1.04E+00	<1.09E+00	<1.03E+00	<1.04E+00	<1.11E+00	2.10	<1.11E+00
T-111		3.03	2.51	<1.02E+00	3.21	22.37	2.85	<1.03E+00	2.70	<1.09E+00	<1.03E+00	<1.04E+00	<1.11E+00	<1.03E+00	<1.10E+00
T-112		<9.82E-01	<1.11E+00	3.37	<1.14E+00	5.74	3.68	<1.00E+00	113.51	<1.06E+00	10.85	<1.01E+00	<1.08E+00	6.01	81.89
T-113		7.30	50.06	14.48	14.80	741.10	16.59	2.60	133.95	225.02	5.17	79.73	9.11	6.01	<1.07E+00
T-114		<1.07E+00	<1.21E+00	<1.08E+00	3.49	<1.19E+00	3.75	<1.09E+00	<1.10E+00	2.78	<1.09E+00	<1.10E+00	<1.17E+00	<1.09E+00	<1.17E+00
T-201		<1.04E+00	16.99	<1.05E+00	7.33	12.68	3.10	<1.06E+00	<1.07E+00	7.91	<1.06E+00	10.40	<1.15E+00	<1.06E+00	14.65
T-202		<1.04E+00	2.71	<1.06E+00	2.97	19.49	3.88	<1.07E+00	<1.07E+00	3.80	<1.07E+00	<1.07E+00	<1.15E+00	<1.07E+00	<1.14E+00
T-203		50.90	3.40	584.81	167.07	<1.15E+00	98.88	132.52	1,075.96	<1.11E+00	73.98	137.45	470.40	147.70	20.28
T-204		85.24	7.64	1,013.40	883.95	16.97	729.80	220.43	1,135.75	18.01	90.06	15.21	973.01	85.23	100.34
T-205		<1.02E+00	2.47	7.89	<1.18E+00	2.32	3.19	2.91	15.61	<1.10E+00	<1.04E+00	<1.05E+00	11.53	<1.04E+00	<1.11E+00
T-206		<9.83E-01	<1.11E+00	5.18	<1.14E+00	3.82	4.26	4.49	8.17	<1.06E+00	<1.00E+00	<1.01E+00	4.39	<1.00E+00	<1.08E+00
T-207		<1.02E+00	7.19	<1.03E+00	13.08	<1.14E+00	2.56	<1.04E+00	5.75	3.50	<1.04E+00	<1.05E+00	3.14	<1.04E+00	<1.12E+00
T-208		<9.83E-01	24.21	23.00	4.07	12.49	9.41	8.14	205.11	8.75	5.46	248.65	2.35	9.55	116.81
T-209		<1.02E+00	<1.15E+00	<1.03E+00	3.43	<1.14E+00	<1.10E+00	<1.04E+00	<1.05E+00	<1.10E+00	<1.04E+00	2.35	<1.12E+00	<1.04E+00	<1.11E+00
T-210		<1.01E+00	2.56	<1.03E+00	2.45	<1.13E+00	<1.10E+00	<1.04E+00	<1.04E+00	<1.09E+00	<1.04E+00	<1.04E+00	<1.12E+00	<1.04E+00	<1.11E+00
T-211		<1.01E+00	2.49	3.23	2.38	<1.13E+00	<1.10E+00	<1.04E+00	<1.04E+00	<1.09E+00	<1.04E+00	<1.04E+00	<1.12E+00	<1.04E+00	<1.11E+00
T-212		<1.00E+00	2.89	<1.02E+00	3.89	<1.12E+00	2.22	<1.02E+00	<1.03E+00	2.55	<1.02E+00	<1.03E+00	<1.10E+00	<1.02E+00	<1.10E+00
T-213		<1.36E+00	<1.54E+00	<1.38E+00	4.62	<1.52E+00	<1.47E+00	<1.39E+00	<1.40E+00	<1.47E+00	<1.39E+00	<1.40E+00	<1.50E+00	<1.39E+00	<1.49E+00
T-214		<1.07E+00	<1.21E+00	<1.08E+00	6.25	<1.19E+00	3.33	<1.09E+00	<1.10E+00	<1.15E+00	<1.09E+00	<1.10E+00	<1.17E+00	<1.09E+00	<1.17E+00
T-301		23.15	7.98	3.17	6.50	12.71	<1.13E+00	2.17	<1.07E+00	11.42	2.42	6.26	5.66	3.74	<1.14E+00
T-302		35.23	8.15	5.32	11.28	7.96	4.17	5.15	<1.08E+00	11.78	8.50	11.76	15.88	5.24	5.12
T-303		15.22	3.98	2.15	3.95	<1.17E+00	2.39	<1.07E+00	<1.08E+00	4.29	2.69	<1.08E+00	4.56	3.85	3.84
T-304		87.65	4.62	23.49	3.74	17.26	<1.12E+00	12.48	<1.07E+00	5.32	<1.06E+00	8.03	134.52	9.17	<1.14E+00
T-305		355.17	5.10	249.52	5.53	5.25	3.09	284.41	74.17	7.60	249.99	203.80	35.84	146.36	165.10
T-306		890.68	9.80	439.86	8.88	12.39	5.61	602.62	158.34	19.54	546.92	401.99	91.80	198.40	307.40
T-307		41.20	13.20	123.97	6.54	5.69	7.42	565.32	91.16	24.59	571.25	415.22	96.56	266.31	320.11
T-308		927.54	7.50	404.70	10.03	13.51	4.88	388.01	29.83	22.32	404.31	130.92	80.57	146.07	87.67
T-309		<1.00E+00	2.89	<1.02E+00	<1.16E+00	<1.12E+00	2.66	<1.02E+00	<1.03E+00	2.18	<1.02E+00	<1.03E+00	<1.10E+00	<1.02E+00	<1.10E+00
T-310		2,022.72	9.39	725.19	7.50	14.22	7.17	1,211.48	357.42	26.20	1,093.32	888.77	183.12	608.11	342.68
T-311		8.05	4.14	2.93	3.37	<1.11E+00	3.25	10.01	<1.02E+00	4.32	7.12	23.25	<1.10E+00	10.45	8.01
T-312		860.93	6.17	321.77	7.17	6.21	5.18	383.24	93.56	15.13	321.47	569.92	96.56	149.45	492.56
T-313		842.92	6.59	258.01	6.57	12.28	4.86	171.66	50.50	14.13	186.60	111.21	94.71	80.09	38.95
T-314		<1.07E+00	3.22	<1.08E+00	3.26	<1.19E+00	3.17	<1.09E+00	<1.10E+00	<1.15E+00	<1.09E+00	<1.10E+00	<1.17E+00	<1.09E+00	<1.17E+00
T-401		7.10	3.39	2.87	3.30	4.86	2.85	3.52	9.47	<1.13E+00	3.13	3.60	<1.16E+00	4.64	2.65
T-402		2.08	7.15	<1.05E+00	3.06	22.04	<1.12E+00	<1.06E+00	8.79	2.29	<1.06E+00	<1.06E+00	<1.14E+00	<1.06E+00	5.55
T-403		<1.04E+00	8.53	2.32	<1.20E+00	17.12	2.46	5.39	24.03	3.16	3.52	312.99	<1.14E+00	6.24	371.10
T-404		25.71	145.76	141.51	21.00	243.08	9.79	46.88	201.07	234.09	14.66	<1.09E+00	175.37	17.40	8.33
T-405		2.49	<1.17E+00	<1.05E+00	<1.20E+00	7.54	2.51	<1.06E+00	<1.06E+00	<1.12E+00	<1.06E+00	<1.06E+00	<1.14E+00	<1.06E+00	3.68
T-406		3.47	3.42	<1.04E+00	3.47	23.36	<1.11E+00	<1.04E+00	<1.05E+00	2.62	<1.04E+00	<1.05E+00	<1.13E+00	<1.04E+00	<1.12E+00
T-407		<1.02E+00	2.38	<1.03E+00	3.63	6.32	<1.10E+00	<1.04E+00	<1.05E+00	<1.10E+00	<1.04E+00	<1.05E+00	<1.12E+00	<1.04E+00	<1.11E+00
T-408		<1.03E+00	<1.17E+00	<1.04E+00	<1.19E+00	<1.15E+00	<1.12E+00	<1.05E+00	<1.06E+00	<1.11E+00	<1.05E+00	<1.06E+00	<1.14E+00	<1.05E+00	<1.13E+00
T-409		6.36	<1.14E+00	<1.02E+00	2.56	<1.13E+00	2.82	<1.03E+00	<1.04E+00	3.72	<1.03E+00	<1.04E+00	<1.11E+00	5.64	<1.10E+00
T-410		2.87	<1.15E+00	<1.03E+00	2.50	12.48	2.94	3.19	4.04	<1.10E+00	<1.04E+00	<1.04E+00	<1.12E+00	4.48	7.95
T-411		<1.01E+00	3.51	<1.02E+00	<1.16E+00	<1.12E+00	2.76	<1.03E+00	<1.03E+00	3.48	<1.03E+00	<1.03E+00	<1.11E+00	<1.03E+00	<1.10E+00
T-412		2.06	3.56	<1.02E+00	3.98	7.30	2.46	3.17	<1.04E+00	2.89	<1.03E+00	<1.04E+00	<1.11E+00	<1.03E+00	<1.10E+00
T-413		2.30	2.38	<1.02E+00	2.67	6.31	2.92	4.98	4.85	4.64	2.10	2.66	<1.11E+00	5.72	5.13
T-414		<1.07E+00	<1.21E+00	<1.08E+00	2.66	<1.19E+00	2.85	<1.09E+00	<1.10E+00	<1.15E+00	<1.09E+00	<1.10E+00	<1.17E+00	<1.09E+00	<1.17E+00
T-501		<1.04E+00	<1.18E+00	<1.05E+00	3.27	<1.16E+00	2.42	<1.06E+00	<1.07E+00	<1.12E+00	<1.06E+00	<1.07E+00	<1.14E+00	<1.06E+00	<1.14E+00
T-502		<1.03E+00	70.26	<1.04E+00	8.41	15.64	12.17	<1.05E+00	<1.05E+00	17.72	4.10	88.72	<1.13E+00	<1.05E+00	3.20
T-503		<1.03E+00	8.14	3.73	7.07	5.40	5.40	<1.05E+00	<1.06E+00	18.43	6.74	<1.06E+00	4.30	2.49	10.73
T-504		39.91	1,495.23	125.04	12.06	415.59	<1.11E+00	31.50	581.89	185.11	91.39	344.69	141.15	62.45	17.50
T-505		<1.00E+00	3.49	3.59	3.04	2.71	2.71	3.24	4.50	2.71	<1.02E+00	<1.03E+00	<1.10E+00	2.25	8.12
T-506		<1.01E+00	2.55	<1.02E+00	3.71	3.39	2.61	<1.03E+00	<1.04E+00	<1.09E+00	<1.03E+00	<1.04E+00	<1.11E+00	<1.03E+00	<1.11E+00
T-507		<1.04E+00	2.89	<1.05E+00	2.61	<1.16E+00	<1.12E+00	<1.06E+00	<1.07E+00	<1.12E+00	<1.06E+00	3.75	<1.14E+00	<1.06E+00	<1.14E+00
T-508		<1.64E+00	<1.85E+00	<1.66E+00	<1.90E+00	<1.83E+00	<1.77E+00	<1.67E+00	<1.68E+00	<1.77E+00	<1.67E+00	12.65	<1.80E+00	<1.67E+00	<1.79E+00
T-509		<1.63E+00	<1.84E+00	<1.64E+00	<1.88E+00	<1.82E+00	3.55	<1.66E+00	<1.67E+00	<1.75E+00	<1.66E+00	6.02	<1.79E+00	<1.66E+00	<1.78E+00
T-510		<1.07E+00	<1.21E+00	<1.08E+00	3.51	<1.19E+00	3.69	<1.09E+00	<1.10E+00	<1.15E+00	<1.09E+00	<1.10E+00	<1.17E+00	<1.09E+00	<1.17E+00

Sample ID	Compound	Benzene	Propane	Toluene	Ethane	n-Butane	Ethene	m,p-xylene	n-propylbenzene	Propene	Ethylbenzene	1,2,4-Trimethylbenzene	n-Heptane	o-xylene	n-Decane
	CAS	71-43-2	74-98-6	108-88-3	74-84-0	106-97-8	74-85-1	108-38-3	103-65-1	115-07-1	100-41-4	95-63-6	142-82-5	95-47-6	124-18-5
	MW	78.1	44.1	92.1	30.1	58.1	28.1	106.2	120.2	42.1	106.2	120.2	100.2	106.2	142.3
Flux (mg/m2-min)															
T-101		<2.80E-04	0.00077	<2.83E-04	0.00071	<3.12E-04	0.00086	<2.85E-04	<2.87E-04	0.00061	<2.85E-04	0.00122	<3.08E-04	<2.85E-04	<3.06E-04
T-102		<1.40E-04	0.00039	<1.42E-04	0.00041	0.00058	<1.51E-04	<1.43E-04	<1.44E-04	<1.51E-04	<1.43E-04	0.00217	<1.54E-04	<1.43E-04	<1.53E-04
T-103		0.00359	0.00905	0.01059	0.00202	0.02574	0.00191	0.01466	0.03074	0.01043	0.01048	0.02069	0.00163	0.00640	0.00961
T-104		0.00332	0.18453	0.01120	0.02531	0.12381	0.02391	0.01152	0.03974	0.08369	0.00658	0.00362	0.00320	0.01141	0.00617
T-105		0.00424	0.00024	0.00114	0.00025	0.00013	0.00015	0.00105	0.00051	0.00031	0.00056	0.00016	0.00101	0.00034	0.00059
T-106		0.00073	<5.43E-05	0.00013	0.00018	<5.37E-05	0.00011	<4.91E-05	0.00024	0.00015	<4.91E-05	<4.94E-05	0.00021	<4.91E-05	0.00034
T-107		0.01960	0.00073	0.00512	0.00086	0.00053	0.00038	0.00299	0.00171	0.00180	0.00119	0.00049	0.00288	0.00091	0.00076
T-108		0.00122	0.00020	0.00025	0.00018	0.00017	0.00014	0.00023	0.00038	0.00023	0.00016	0.00011	0.00032	<5.24E-05	0.00033
T-109		0.00017	0.00019	0.00024	0.00026	<8.00E-05	<7.74E-05	0.00050	<7.35E-05	<7.73E-05	0.00016	<7.35E-05	<7.88E-05	<7.31E-05	<7.83E-05
T-110		<9.60E-05	0.00037	<9.71E-05	0.00031	0.00055	<1.04E-04	0.00069	<9.85E-05	<1.04E-04	<9.79E-05	<9.85E-05	<1.06E-04	0.00020	<1.05E-04
T-111		0.00120	0.00099	<4.03E-04	0.00127	0.00883	0.00113	<4.06E-04	0.00107	<4.30E-04	<4.06E-04	<4.09E-04	<4.38E-04	<4.06E-04	<4.36E-04
T-112		<1.62E-04	<1.83E-04	0.00056	<1.87E-04	0.00095	0.00061	<1.65E-04	0.01875	<1.75E-04	0.00179	<1.66E-04	<1.78E-04	0.00099	0.01352
T-113		0.00071	0.00490	0.00142	0.00145	0.07251	0.00162	0.00025	0.01310	0.02201	0.00051	0.00780	0.00089	0.00059	<1.05E-04
T-114		<4.33E-05	<4.89E-05	<4.38E-05	0.00014	<4.84E-05	0.00015	<4.42E-05	<4.45E-05	0.00011	<4.42E-05	<4.45E-05	<4.77E-05	<4.42E-05	<4.74E-05
T-201		<4.01E-05	0.00065	<4.05E-05	0.00028	0.00049	0.00012	<4.09E-05	<4.11E-05	0.00030	<4.09E-05	0.00040	<4.41E-05	<4.09E-05	0.00056
T-202		<4.02E-05	0.00010	<4.06E-05	0.00011	0.00075	0.00015	<4.10E-05	<4.12E-05	0.00015	<4.10E-05	<4.12E-05	<4.42E-05	<4.10E-05	<4.39E-05
T-203		0.00377	0.00025	0.04336	0.01239	<8.55E-05	0.00733	0.00983	0.07978	<8.26E-05	0.00549	0.01019	0.03488	0.01095	0.00150
T-204		0.00632	0.00057	0.07515	0.06555	0.00126	0.05412	0.01634	0.08422	0.00134	0.00668	0.00113	0.07215	0.00632	0.00744
T-205		<7.00E-05	0.00017	0.00054	<8.10E-05	0.00016	0.00022	0.00020	0.00107	<7.55E-05	<7.14E-05	<7.18E-05	0.00079	<7.14E-05	<7.66E-05
T-206		<4.22E-05	<4.76E-05	0.00022	<4.88E-05	0.00016	0.00018	0.00019	0.00035	<4.55E-05	<4.30E-05	<4.33E-05	0.00019	<4.30E-05	<4.61E-05
T-207		<9.32E-05	0.00066	<9.42E-05	0.00120	<1.04E-04	0.00023	<9.51E-05	0.00053	0.00032	<9.51E-05	<9.56E-05	0.00029	<9.51E-05	<1.02E-04
T-208		<6.18E-05	0.00152	0.00144	0.00026	0.00078	0.00059	0.00051	0.01288	0.00055	0.00034	0.01562	0.00015	0.00060	0.00734
T-209		<8.47E-05	<9.57E-05	<8.56E-05	0.00029	<9.45E-05	<9.15E-05	<8.64E-05	<8.69E-05	<9.13E-05	<8.64E-05	0.00020	<9.32E-05	<8.64E-05	<9.26E-05
T-210		<1.03E-04	0.00026	<1.05E-04	0.00025	<1.15E-04	<1.12E-04	<1.05E-04	<1.06E-04	<1.11E-04	<1.05E-04	<1.06E-04	<1.14E-04	<1.05E-04	<1.13E-04
T-211		<1.44E-04	0.00035	0.00046	0.00034	<1.61E-04	<1.56E-04	<1.47E-04	<1.48E-04	<1.56E-04	<1.47E-04	<1.48E-04	<1.59E-04	<1.47E-04	<1.58E-04
T-212		<2.26E-04	0.00065	<2.29E-04	0.00088	<2.52E-04	0.00050	<2.31E-04	<2.32E-04	0.00057	<2.31E-04	<2.32E-04	<2.49E-04	<2.31E-04	<2.47E-04
T-213		<3.09E-04	<3.49E-04	<3.13E-04	0.00105	<3.45E-04	<3.34E-04	<3.16E-04	<3.17E-04	<3.34E-04	<3.16E-04	<3.17E-04	<3.40E-04	<3.16E-04	<3.38E-04
T-214		<4.15E-05	<4.68E-05	<4.19E-05	0.00024	<4.63E-05	0.00013	<4.23E-05	<4.26E-05	<4.47E-05	<4.23E-05	<4.26E-05	<4.56E-05	<4.23E-05	<4.53E-05
T-301		0.00177	0.00061	0.00024	0.00050	0.00097	<8.60E-05	0.00017	<8.17E-05	0.00087	0.00019	0.00048	0.00043	0.00029	<8.71E-05
T-302		0.00143	0.00033	0.00022	0.00046	0.00032	0.00017	0.00021	<4.38E-05	0.00048	0.00035	0.00048	0.00064	0.00021	0.00021
T-303		0.00065	0.00017	0.00009	0.00017	<5.02E-05	0.00010	<4.59E-05	<4.62E-05	0.00018	0.00012	<4.62E-05	0.00020	0.00017	0.00016
T-304		0.00357	0.00019	0.00096	0.00015	0.00070	<4.58E-05	0.00051	<4.35E-05	0.00022	<4.33E-05	0.00033	0.00549	0.00037	<4.64E-05
T-305		0.01382	0.00020	0.00971	0.00021	0.00020	0.00012	0.01107	0.00289	0.00030	0.00973	0.00793	0.00139	0.00569	0.00642
T-306		0.03426	0.00038	0.01692	0.00034	0.00048	0.00022	0.02318	0.00609	0.00075	0.02104	0.01546	0.00353	0.00763	0.01182
T-307		0.00158	0.00051	0.00477	0.00025	0.00022	0.00029	0.02174	0.00351	0.00095	0.02197	0.01597	0.00371	0.01024	0.01231
T-308		0.03567	0.00029	0.01557	0.00039	0.00052	0.00019	0.01492	0.00115	0.00086	0.01555	0.00504	0.00310	0.00562	0.00337
T-309		<3.86E-05	0.00011	<3.90E-05	<4.47E-05	<4.31E-05	0.00010	<3.94E-05	<3.96E-05	0.00008	<3.94E-05	<3.96E-05	<4.25E-05	<3.94E-05	<4.22E-05
T-310		0.15499	0.00072	0.05557	0.00057	0.00109	0.00055	0.09283	0.02739	0.00201	0.08378	0.06810	0.01403	0.04660	0.02626
T-311		0.00039	0.00020	0.00014	0.00017	<5.46E-05	0.00016	0.00049	<5.02E-05	0.00021	0.00035	0.00114	<5.38E-05	0.00051	0.00039
T-312		0.04420	0.00032	0.01652	0.00037	0.00032	0.00027	0.01968	0.00480	0.00078	0.01650	0.02926	0.00496	0.00767	0.02529
T-313		0.03739	0.00029	0.01145	0.00029	0.00054	0.00022	0.00761	0.00224	0.00063	0.00828	0.00493	0.00420	0.00355	0.00173
T-314		<4.11E-05	0.00012	<4.15E-05	0.00013	<4.58E-05	0.00012	<4.19E-05	<4.21E-05	<4.43E-05	<4.19E-05	<4.21E-05	<4.52E-05	<4.19E-05	<4.49E-05
T-401		0.00033	0.00016	0.00013	0.00015	0.00023	0.00013	0.00017	0.00045	<5.33E-05	0.00015	0.00017	<5.44E-05	0.00022	0.00012
T-402		0.00016	0.00054	<7.94E-05	0.00023	0.00167	<8.48E-05	<8.01E-05	0.00067	0.00017	<8.01E-05	<8.06E-05	<8.63E-05	<8.01E-05	0.00042
T-403		<1.18E-04	0.00097	0.00026	<1.37E-04	0.00194	0.00028	0.00061	0.00273	0.00036	0.00040	0.03555	<1.30E-04	0.00071	0.04215
T-404		0.00113	0.00640	0.00621	0.00092	0.01067	0.00043	0.00206	0.00883	0.01027	0.00064	<4.80E-05	0.00770	0.00076	0.00037
T-405		0.00010	<4.50E-05	<4.03E-05	<4.61E-05	0.00029	0.00010	<4.07E-05	<4.09E-05	<4.30E-05	<4.07E-05	<4.09E-05	<4.39E-05	<4.07E-05	0.00014
T-406		0.00022	0.00021	<6.41E-05	0.00022	0.00145	<6.85E-05	<6.47E-05	<6.51E-05	0.00016	<6.47E-05	<6.51E-05	<6.98E-05	<6.47E-05	<6.94E-05
T-407		<7.58E-05	0.00018	<7.67E-05	0.00027	0.00047	<8.19E-05	<7.74E-05	<7.78E-05	<8.18E-05	<7.74E-05	<7.78E-05	<8.34E-05	<7.74E-05	<8.29E-05
T-408		<6.09E-05	<6.88E-05	<6.16E-05	<7.04E-05	<6.80E-05	<6.58E-05	<6.21E-05	<6.25E-05	<6.57E-05	<6.21E-05	<6.25E-05	<6.70E-05	<6.21E-05	<6.66E-05
T-409		0.00036	<6.49E-05	<5.81E-05	0.00015	<6.42E-05	0.00016	<5.86E-05	<5.90E-05	0.00021	<5.86E-05	<5.90E-05	<6.32E-05	0.00032	<6.29E-05
T-410		0.00012	<4.75E-05	<4.25E-05	0.00010	0.00052	0.00012	0.00013	0.00017	<4.53E-05	<4.29E-05	<4.32E-05	<4.63E-05	0.00019	0.00033
T-411		<4.61E-05	0.00016	<4.66E-05	<5.33E-05	<5.14E-05	0.00013	<4.70E-05	<4.73E-05	0.00016	<4.70E-05	<4.73E-05	<5.07E-05	<4.70E-05	<5.04E-05
T-412		0.00009	0.00015	<4.36E-05	0.00017	0.00031	0.00011	0.00014	<4.42E-05	0.00012	<4.40E-05	<4.42E-05	<4.74E-05	<4.40E-05	<4.71E-05
T-413		0.00013	0.00014	<5.94E-05	0.00016	0.00037	0.00017	0.00029	0.00028	0.00027	0.00012	0.00015	<6.47E-05	0.00033	0.00030
T-414		<4.11E-05	<4.64E-05	<4.15E-05	0.00010	<4.58E-05	0.00011	<4.19E-05	<4.21E-05	<4.43E-05	<4.19E-05	<4.21E-05	<4.52E-05	<4.19E-05	<4.49E-05
T-501		<8.13E-05	<9.18E-05	<8.22E-05	0.00026	<9.07E-05	0.00019	<8.29E-05	<8.34E-05	<8.76E-05	<8.29E-05	<8.34E-05	<8.94E-05	<8.29E-05	<8.89E-05
T-502		<4.78E-05	0.00328	<4.84E-05	0.00039	0.00073	0.00057	<4.88E-05	<4.91E-05	0.00083	0.00019	0.00414	<5.26E-05	<4.88E-05	0.00015
T-503		<5.55E-05	0.00044	0.00020	0.00038	0.00029	0.00029	<5.66E-05	<5.69E-05	0.00099	0.00036	<5.69E-05	0.00023	0.00013	0.00058
T-504		0.00165	0.06186	0.00517	0.00050	0.01719	<4.60E-05	0.00130	0.02407	0.00766	0.00378	0.01426	0.00584	0.00258	0.00072
T-505		<3.86E-05	0.00013	0.00014	0.00012	0.00010	0.00010	0.00012	0.00017	0.00010	<3.94E-05	<3.96E-05	<4.25E-05	0.00009	0.00031
T-506		<5.15E-05	0.00013	<5.21E-05	0.00019	0.00017	0.00013	<5.25E-05	<5.28E-05	<5.55E-05	<5.25E-05	<5.28E-05	<5.66E-05	<5.25E-05	<5.63E-05
T-507		<4.04E-05	0.00011	<4.09E-05	0.00010	<4.51E-05	<4.36E-05	<4.12E-05	<4.15E-05	<4.36E-05	<4.12E-05	0.00015	<4.45E-05	<4.12E-05	<4.42E-05
T-508		<6.50E-05	<7.34E-05	<6.57E-05	<7.51E-05	<7.25E-05	<7.01E-05	<6.63E-05	<6.67E-05	<7.00E-05	<6.63E-05	0.00050	<7.15E-05	<6.63E-05	<7.10E-05
T-509		<6.40E-05	<7.22E-05	<6.47E-05	<7.40E-05	<7.14E-05	0.00014	<6.52E-05	<6.56E-05	<6.90E-05	<6.52E-05	0.00024	<7.03E-05	<6.52E-05	<6.99E-05
T-510		<4.14E-05	<4.68E-05	<4.19E-05	0.00014	<4.62E-05	0.00014	<4.22E-05	<4.25E-05	<4.46E-05	<4.22E-05	<4.25E-05	<4.55E-05	<4.22E-05	<4.53E-05

Sample ID	Compound	t-2-Butene		t-2-Pentene		i-Pentane		n-Octane		4-Ethyltoluene		2,3,4-Trimethylpentane		2,3-Dimethylpentane		Cyclohexane		i-Propylbenzene		n-Nonane		Cyclopentane		3-Methylhexane		Methylcyclohexane		Styrene	
	CAS	624-64-6		646-04-8		78-78-4		111-65-9		622-96-8		565-75-3		565-59-3		110-82-7		98-82-8		111-84-2		287-92-3		589-34-4		108-87-2		100-42-5	
	MW	56.1		70.1		72.2		114.2		120.2		114.2		100.2		84.2		120.2		128.3		70.1		100.2		98.2		104.2	
Lab Data (ppbv)																													
T-101		ND		8.31	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
T-102		2.06		2.65	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
T-103		2.14		16.58		1.83		6.44		49.76		3.62		1.12		1.59		7.53		18.96	ND			1.81		7.12		3.77	
T-104		191.79		6.76		12.01		3.43		21.23		2.22		1.65		3.55		2.99		6.14	ND			3.92		11.44		4.5	
T-105		3.24		4.26	ND			2.96		1.84		0.77	ND		ND		ND			2.02	ND			0.61		0.79	ND		
T-106		ND		ND		ND		0.77		0.59	ND		ND		ND		ND		ND		ND		ND		ND		ND		
T-107		18.1		7.8	ND			4.16		2.53		2.34	ND			0.99	ND			2.47	ND			2.2		1.19		0.57	
T-108		ND		0.99		4.81		0.71		1.31	ND		ND		ND		ND			0.59	ND		ND		ND		ND		
T-109		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
T-110		ND		ND		4.59	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		
T-111		ND		1.1		4.5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		
T-112		ND		ND		ND		1.52		6.22		3.51		5.95	ND		ND			0.77		1.64	ND		ND			2.91	
T-113		10.04	ND			15.08		1.3		8.04		1.91		1.98		5.33		2.2	ND			8.61		5.32		1.65	ND		
T-114		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
T-201		ND		ND			5.83	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
T-202		ND		ND			3.71	ND		ND		ND		ND			2.83	ND		ND			2.63	ND		ND		ND	
T-203		8.74		6.3		10.3		34.73	ND			24.46		47.52		50.2		2.94		10.88		10.92		2.25		48.2		1.45	
T-204		18.59	ND			7.23		45.11	ND			34.45		37.26		100.67		3.15		13.04		18.08		122.74		68.25		2.02	
T-205		ND		ND		8.53	ND		ND			0.64		1.58		3.24	ND		ND			6.91		2.88		1.37	ND		
T-206		ND		ND		1.13		0.51		0.82		0.74		0.72		1.47	ND		ND			1.79		0.73		0.93	ND		
T-207		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		1.15		2.28	ND		
T-208		ND		ND		ND		0.85		8.05	ND			ND		0.76	ND		ND			1.59	ND		ND			1.24	
T-209		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
T-210		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
T-211		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
T-212		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
T-213		1.87		2.36	ND			ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
T-214		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
T-301		18.69		13.13		2.14		0.54	ND			0.89		3.12		2.88	ND			ND		ND		2.78	ND			ND	
T-302		1.75		19.83		3.49		1.18	ND			ND		5.69	ND			0.71		0.72	ND			5.02	ND			1.69	
T-303		ND		6.62		2.44		0.59	ND			0.63		2.51	ND			0.46		0.64		5.5		2.58	ND			ND	
T-304		ND		ND		2.63		0.51		3.31		2.73		4.78	ND			1.66		3.06	ND			3.56		2.27		1.29	
T-305		4.26		35.8		3.05		16.63		14.29		7.82		6.92		3.07		23.07		18.51		6.12		2.51	ND			31.12	
T-306		12.1	ND			1.44		40.95		30.45		36.41		14.82		4.04		50.12		42.18		2.51		8.06		4.33		97.38	
T-307		10.59	ND			44.98		41.31		28.55		99.4		5.44		11.7		44.82		40.49		2.97		7.6		3.62		16.61	
T-308		22.93		111.94		1.89		25.77		11.36		25.1	ND			11.27		21.35		19.07		6.86		5.92		9.41		17.59	
T-309		1.88	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		
T-310		46.75		109.01		3.2		74.43		81.88		37.34	ND			28.07		104.29		68.1		16.57		12.43		8.03		53.71	
T-311		ND		1.55		0.93	ND			2.47	ND			ND		ND		1.42		0.69	ND			1.83	ND			ND	
T-312		14.52		18.02	ND			26.74		35.37		8.73		10.5		16.26		37.98		26.08		4.74		7.37		4.31		18.43	
T-313		15.22		18.26		1.19		19.18		18.79		6.7		7.49		3.69		12.79		7.71		1.73		7.48		1.47		4.23	
T-314		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
T-401		ND		ND		ND		ND		0.55	ND			ND		ND		ND		ND		ND		ND		ND		ND	
T-402		ND		ND		1.95	ND		ND			0.63		0.73		2.06	ND			ND		ND		ND		1.28	ND		
T-403		7.17	ND			ND		ND		11.15	ND			ND		ND		ND		1.39	ND			ND		ND		ND	
T-404		8.24		10.39		249.19		16.35		4.06		26.16		162.76		45.66		0.62		2.17		173.66		43.58		36.87		1.58	
T-405		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		0.62	ND			ND	
T-406		33.3	ND			0.93	ND			ND		ND		ND		ND		ND		ND		ND		0.67	ND			ND	
T-407		ND		1.56	ND			ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
T-408		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
T-409		ND		ND			1.89	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			0.75
T-410		ND		ND		ND		ND		ND		ND		ND		ND		ND			0.57	ND		ND		ND		ND	
T-411		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
T-412		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
T-413		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
T-414		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
T-501		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
T-502		ND		3.71		1.45	ND			ND		ND		ND		0.99	ND			ND		ND		ND		1.03		0.66	
T-503		ND		9.53		3.6		0.79	ND			1.73	ND			1.84	ND			ND		1.66		0.86		2.15		0.76	
T-504		ND		4.87		10.07		11.09	ND			8.67		7.11		27.48		4.55		12.2		9.25		19.63		48.28		3.53	
T-505		ND		1.21	ND			ND		0.48	ND			ND		ND				0.45		1.66	ND			ND		ND	
T-506		ND		3.6	ND			ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
T-507		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
T-508		3.33		1.81		5.37	ND			ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
T-509		2.15		1.6		6.25	ND			ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
T-510		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	

Sample ID / Compound	t-2-Butene	t-2-Pentene	i-Pentane	n-Octane	4-Ethyltoluene	2,3,4-Trimethylpentane	2,3-Dimethylpentane	Cyclohexane	i-Propylbenzene	n-Nonane	Cyclopentane	3-Methylhexane	Methylcyclohexane	Styrene
CAS	624-64-6	646-04-8	78-78-4	111-65-9	622-96-8	565-75-3	565-59-3	110-82-7	98-82-8	111-84-2	287-92-3	589-34-4	108-87-2	100-42-5
MW	56.1	70.1	72.2	114.2	120.2	114.2	100.2	84.2	120.2	128.3	70.1	100.2	98.2	104.2
MDL (ppbv)														
T-101	1.48	1.19	1.19	0.74	0.66	0.74	0.85	0.99	0.66	0.66	1.19	0.85	0.85	0.74
T-102	1.27	1.02	1.02	0.64	0.57	0.64	0.73	0.85	0.57	0.57	1.02	0.73	0.73	0.64
T-103	1.43	1.14	1.14	0.71	0.63	0.71	0.81	0.95	0.63	0.63	1.14	0.81	0.81	0.71
T-104	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-105	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-106	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-107	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-108	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-109	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-110	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-111	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-112	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-113	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-114	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-201	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-202	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-203	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-204	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-205	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-206	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-207	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-208	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-209	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-210	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-211	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-212	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-213	1.36	1.09	1.09	0.68	0.60	0.68	0.78	0.91	0.60	0.60	1.09	0.78	0.78	0.68
T-214	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-301	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-302	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-303	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-304	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-305	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-306	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-307	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-308	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-309	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-310	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-311	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-312	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-313	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-314	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-401	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-402	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-403	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-404	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-405	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-406	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-407	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-408	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-409	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-410	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-411	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-412	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-413	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-414	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-501	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-502	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-503	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-504	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-505	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-506	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-507	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50
T-508	1.61	1.29	1.29	0.81	0.72	0.81	0.92	1.07	0.72	0.72	1.29	0.92	0.92	0.81
T-509	1.60	1.28	1.28	0.80	0.71	0.80	0.91	1.06	0.71	0.71	1.28	0.91	0.91	0.80
T-510	1.00	0.80	0.80	0.50	0.44	0.50	0.57	0.67	0.44	0.44	0.80	0.57	0.57	0.50

Sample ID	Compound	t-2-Butene	t-2-Pentene	i-Pentane	n-Octane	4-Ethyltoluene	2,3,4-Trimethylpentane	2,3-Dimethylpentane	Cyclohexane	i-Propylbenzene	n-Nonane	Cyclopentane	3-Methylhexane	Methylcyclohexane	Styrene
	CAS	624-64-6	646-04-8	78-78-4	111-65-9	622-96-8	565-75-3	565-59-3	110-82-7	98-82-8	111-84-2	287-92-3	589-34-4	108-87-2	100-42-5
	MW	56.1	70.1	72.2	114.2	120.2	114.2	100.2	84.2	120.2	128.3	70.1	100.2	98.2	104.2
Data Used (ug/m3)															
T-101		<1.62E+00	22.71	<1.67E+00	<1.65E+00	<1.54E+00	<1.65E+00	<1.65E+00	<1.62E+00	<1.54E+00	<1.65E+00	<1.62E+00	<1.65E+00	<1.62E+00	<1.51E+00
T-102		4.51	7.26	<1.43E+00	<1.42E+00	<1.33E+00	<1.42E+00	<1.42E+00	<1.39E+00	<1.33E+00	<1.42E+00	<1.39E+00	<1.42E+00	<1.39E+00	<1.29E+00
T-103		4.77	46.13	5.24	29.19	237.40	16.41	4.45	5.31	35.92	96.55	<1.59E+00	7.20	27.75	15.59
T-104		420.96	18.54	33.93	15.33	99.84	9.92	6.47	11.69	14.06	30.82	<1.10E+00	15.37	43.95	18.35
T-105		7.15	11.75	<1.14E+00	13.30	8.70	3.46	<1.13E+00	<1.10E+00	<1.05E+00	10.19	<1.10E+00	2.40	3.05	<1.02E+00
T-106		<1.09E+00	<1.09E+00	<1.13E+00	3.43	2.76	<1.11E+00	<1.12E+00	<1.09E+00	<1.04E+00	<1.11E+00	<1.09E+00	<1.12E+00	<1.09E+00	<1.02E+00
T-107		39.45	21.24	<1.12E+00	18.46	11.81	10.38	<1.11E+00	3.24	<1.04E+00	12.31	<1.09E+00	8.56	4.54	2.31
T-108		<1.09E+00	2.71	13.54	3.16	6.14	<1.11E+00	<1.12E+00	<1.09E+00	<1.04E+00	2.95	<1.09E+00	<1.12E+00	<1.09E+00	<1.02E+00
T-109		<1.09E+00	<1.09E+00	<1.12E+00	<1.11E+00	<1.04E+00	<1.11E+00	<1.11E+00	<1.09E+00	<1.04E+00	<1.11E+00	<1.09E+00	<1.11E+00	<1.09E+00	<1.01E+00
T-110		<1.09E+00	<1.09E+00	12.87	<1.11E+00	<1.04E+00	<1.11E+00	<1.11E+00	<1.09E+00	<1.04E+00	<1.11E+00	<1.09E+00	<1.11E+00	<1.09E+00	<1.01E+00
T-111		<1.09E+00	2.99	12.60	<1.11E+00	<1.04E+00	<1.11E+00	<1.11E+00	<1.09E+00	<1.04E+00	<1.11E+00	<1.09E+00	<1.11E+00	<1.09E+00	<1.01E+00
T-112		<1.06E+00	<1.06E+00	<1.09E+00	6.55	28.20	15.12	22.48	<1.06E+00	<1.01E+00	3.73	4.34	<1.08E+00	<1.06E+00	11.44
T-113		21.24	<1.06E+00	41.06	5.60	36.45	8.23	7.48	16.92	9.97	<1.08E+00	22.76	20.10	6.11	<9.82E-01
T-114		<1.15E+00	<1.15E+00	<1.18E+00	<1.17E+00	<1.10E+00	<1.17E+00	<1.17E+00	<1.15E+00	<1.10E+00	<1.17E+00	<1.15E+00	<1.17E+00	<1.15E+00	<1.07E+00
T-201		<1.12E+00	<1.12E+00	16.86	<1.14E+00	<1.07E+00	<1.14E+00	<1.15E+00	<1.12E+00	<1.07E+00	<1.14E+00	<1.12E+00	<1.15E+00	<1.12E+00	<1.04E+00
T-202		<1.13E+00	<1.13E+00	10.75	<1.15E+00	<1.07E+00	<1.15E+00	<1.15E+00	9.56	<1.07E+00	<1.14E+00	7.40	<1.15E+00	<1.13E+00	<1.05E+00
T-203		19.46	17.53	29.52	157.42	<1.06E+00	110.87	188.99	167.77	14.03	55.40	30.38	8.95	187.87	6.00
T-204		41.62	<1.12E+00	20.83	205.59	<1.07E+00	157.00	148.99	338.27	15.11	66.77	50.58	490.80	267.47	8.40
T-205		<1.10E+00	<1.10E+00	24.10	<1.12E+00	<1.05E+00	2.86	6.19	10.67	<1.05E+00	<1.12E+00	18.95	11.29	5.26	<1.02E+00
T-206		<1.06E+00	<1.06E+00	3.08	2.20	3.72	3.19	2.73	4.68	<1.01E+00	<1.08E+00	4.74	2.76	3.45	<9.84E-01
T-207		<1.10E+00	<1.10E+00	<1.13E+00	<1.12E+00	<1.05E+00	<1.12E+00	<1.12E+00	<1.10E+00	<1.05E+00	<1.12E+00	<1.10E+00	4.52	8.78	<1.02E+00
T-208		<1.06E+00	<1.06E+00	<1.09E+00	3.67	36.55	<1.08E+00	<1.08E+00	2.42	<1.01E+00	<1.08E+00	4.21	<1.08E+00	<1.06E+00	4.88
T-209		<1.10E+00	<1.10E+00	<1.13E+00	<1.12E+00	<1.05E+00	<1.12E+00	<1.12E+00	<1.10E+00	<1.05E+00	<1.12E+00	<1.10E+00	<1.12E+00	<1.10E+00	<1.02E+00
T-210		<1.09E+00	<1.09E+00	<1.13E+00	<1.11E+00	<1.04E+00	<1.11E+00	<1.12E+00	<1.09E+00	<1.04E+00	<1.11E+00	<1.09E+00	<1.12E+00	<1.09E+00	<1.02E+00
T-211		<1.09E+00	<1.09E+00	<1.13E+00	<1.11E+00	<1.04E+00	<1.11E+00	<1.12E+00	<1.09E+00	<1.04E+00	<1.11E+00	<1.09E+00	<1.12E+00	<1.09E+00	<1.02E+00
T-212		<1.08E+00	<1.08E+00	<1.11E+00	<1.10E+00	<1.03E+00	<1.10E+00	<1.10E+00	<1.08E+00	<1.03E+00	<1.10E+00	<1.08E+00	<1.10E+00	<1.08E+00	<1.00E+00
T-213		4.05	6.38	<1.51E+00	<1.50E+00	<1.40E+00	<1.50E+00	<1.50E+00	<1.47E+00	<1.40E+00	<1.49E+00	<1.47E+00	<1.50E+00	<1.47E+00	<1.36E+00
T-214		<1.15E+00	<1.15E+00	<1.18E+00	<1.17E+00	<1.10E+00	<1.17E+00	<1.17E+00	<1.15E+00	<1.10E+00	<1.17E+00	<1.15E+00	<1.17E+00	<1.15E+00	<1.07E+00
T-301		42.00	36.87	6.19	2.47	<1.07E+00	4.07	12.52	9.71	<1.07E+00	<1.14E+00	<1.12E+00	11.16	<1.12E+00	<1.04E+00
T-302		3.97	56.19	10.19	5.45	<1.08E+00	<1.15E+00	23.05	<1.13E+00	3.45	3.73	<1.13E+00	20.33	<1.13E+00	7.12
T-303		<1.13E+00	18.69	7.09	2.71	<1.08E+00	2.90	10.13	<1.13E+00	2.23	3.31	15.53	10.41	<1.13E+00	<1.05E+00
T-304		<1.12E+00	<1.12E+00	7.59	2.33	15.91	12.46	19.15	<1.12E+00	7.98	15.70	<1.12E+00	14.26	8.91	5.37
T-305		9.43	99.07	8.69	74.97	67.81	35.25	27.37	10.20	109.47	93.75	16.94	9.93	<1.11E+00	128.01
T-306		26.75	<1.10E+00	4.10	184.28	144.23	163.85	58.52	13.40	237.40	213.25	6.93	31.82	16.76	399.85
T-307		23.37	<1.10E+00	127.74	185.57	134.99	446.51	21.44	38.75	211.91	204.34	8.19	29.95	13.98	68.08
T-308		50.51	308.11	5.36	115.55	53.61	112.55	<1.12E+00	37.26	100.76	96.07	18.88	23.29	36.28	71.97
T-309		4.07	<1.08E+00	<1.11E+00	<1.10E+00	<1.03E+00	<1.10E+00	<1.10E+00	<1.08E+00	<1.03E+00	<1.10E+00	<1.08E+00	<1.10E+00	<1.08E+00	<1.00E+00
T-310		102.06	297.38	8.99	330.78	383.01	165.95	<1.11E+00	91.98	487.84	340.02	45.20	48.47	30.69	217.80
T-311		<1.07E+00	4.16	2.57	<1.09E+00	11.37	<1.09E+00	<1.10E+00	<1.08E+00	6.54	3.39	<1.07E+00	7.02	<1.07E+00	<9.98E-01
T-312		31.31	48.56	<1.11E+00	117.38	163.42	38.32	40.44	52.63	175.48	128.62	12.77	28.39	16.27	73.82
T-313		32.82	49.20	3.30	84.19	86.82	29.41	28.85	11.94	59.09	38.02	4.66	28.81	5.55	16.94
T-314		<1.15E+00	<1.15E+00	<1.18E+00	<1.17E+00	<1.10E+00	<1.17E+00	<1.17E+00	<1.15E+00	<1.10E+00	<1.17E+00	<1.15E+00	<1.17E+00	<1.15E+00	<1.07E+00
T-401		<1.13E+00	<1.13E+00	<1.17E+00	<1.15E+00	2.67	<1.15E+00	<1.16E+00	<1.13E+00	<1.08E+00	<1.15E+00	<1.13E+00	<1.16E+00	<1.13E+00	<1.05E+00
T-402		<1.12E+00	<1.11E+00	5.60	<1.14E+00	<1.06E+00	2.86	2.91	6.90	<1.06E+00	<1.13E+00	<1.11E+00	<1.14E+00	5.00	<1.04E+00
T-403		16.08	<1.12E+00	<1.15E+00	<1.14E+00	53.58	<1.14E+00	<1.14E+00	<1.12E+00	<1.07E+00	7.13	<1.12E+00	<1.14E+00	<1.12E+00	<1.04E+00
T-404		18.93	29.83	736.76	76.46	19.98	122.34	667.84	157.44	3.05	11.40	498.51	178.82	148.27	6.74
T-405		<1.12E+00	<1.12E+00	<1.15E+00	<1.14E+00	<1.06E+00	<1.14E+00	<1.14E+00	<1.12E+00	<1.06E+00	<1.14E+00	<1.12E+00	2.47	<1.12E+00	<1.04E+00
T-406		73.48	<1.10E+00	2.64	<1.12E+00	<1.05E+00	<1.12E+00	<1.13E+00	<1.10E+00	<1.05E+00	<1.12E+00	<1.10E+00	2.64	<1.10E+00	<1.02E+00
T-407		<1.10E+00	4.28	<1.13E+00	<1.12E+00	<1.05E+00	<1.12E+00	<1.12E+00	<1.10E+00	<1.05E+00	<1.12E+00	<1.10E+00	<1.12E+00	<1.10E+00	<1.02E+00
T-408		<1.11E+00	<1.11E+00	<1.15E+00	<1.13E+00	<1.06E+00	<1.13E+00	<1.14E+00	<1.11E+00	<1.06E+00	<1.13E+00	<1.11E+00	<1.14E+00	<1.11E+00	<1.03E+00
T-409		<1.09E+00	<1.09E+00	5.29	<1.11E+00	<1.04E+00	<1.11E+00	<1.11E+00	<1.09E+00	<1.04E+00	<1.11E+00	<1.09E+00	<1.11E+00	<1.09E+00	3.03
T-410		<1.10E+00	<1.10E+00	<1.13E+00	<1.12E+00	<1.04E+00	<1.12E+00	<1.12E+00	<1.10E+00	<1.04E+00	2.86	<1.10E+00	<1.12E+00	<1.10E+00	<1.02E+00
T-411		<1.08E+00	<1.08E+00	<1.12E+00	<1.10E+00	<1.03E+00	<1.10E+00	<1.11E+00	<1.08E+00	<1.03E+00	<1.10E+00	<1.08E+00	<1.11E+00	<1.08E+00	<1.01E+00
T-412		<1.09E+00	<1.09E+00	<1.12E+00	<1.11E+00	<1.04E+00	<1.11E+00	<1.11E+00	<1.09E+00	<1.04E+00	<1.11E+00	<1.09E+00	<1.11E+00	<1.09E+00	<1.01E+00
T-413		<1.09E+00	<1.09E+00	<1.12E+00	<1.11E+00	<1.04E+00	<1.11E+00	<1.11E+00	<1.09E+00	<1.04E+00	<1.11E+00	<1.09E+00	<1.11E+00	<1.09E+00	<1.01E+00
T-414		<1.15E+00	<1.15E+00	<1.18E+00	<1.17E+00	<1.10E+00	<1.17E+00	<1.17E+00	<1.15E+00	<1.10E+00	<1.17E+00	<1.15E+00	<1.17E+00	<1.15E+00	<1.07E+00
T-501		<1.12E+00	<1.12E+00	<1.15E+00	<1.14E+00	<1.07E+00	<1.14E+00	<1.14E+00	<1.12E+00	<1.07E+00	<1.14E+00	<1.12E+00	<1.14E+00	<1.12E+00	<1.04E+00
T-502		<1.11E+00	10.25	4.13	<1.13E+00	<1.05E+00	<1.13E+00	<1.13E+00	3.28	<1.05E+00	<1.12E+00	<1.10E+00	<1.13E+00	3.99	2.71
T-503		<1.11E+00	26.52	10.32	3.58	<1.06E+00	7.84	<1.14E+00	6.15	<1.06E+00	<1.13E+00	4.62	3.42	8.38	3.14
T-504		<1.11E+00	13.50	28.75	50.09	<1.06E+00	39.16	28.17	91.51	21.63	61.90	25.64	77.79	187.50	14.55
T-505		<1.08E+00	3.27	<1.11E+00	<1.10E+00	2.23	<1.10E+00	<1.10E+00	<1.08E+00	<1.03E+00	2.23	4.49	<1.10E+00	<1.08E+00	<1.00E+00
T-506		<1.09E+00	9.80	<1.12E+00	<1.11E+00	<1.04E+00	<1.11E+00	<1.11E+00	<1.09E+00	<1.04E+00	<1.11E+00	<1.09E+00	<1.11E+00	<1.09E+00	<1.01E+00
T-507		<1.12E+00	<1.12E+00	<1.15E+00	<1.14E+00	<1.07E+00	<1.14E+00	<1.14E+00	<1.12E+00	<1.07E+00	<1.14E+00	<1.12E+00	<1.14E+00	<1.12E+00	<1.04E+00
T-508		7.31	4.96	15.17	<1.80E+00	<1.68E+00	<1.80E+00	<1.80E+00	<1.77E+00	<1.68E+00	<1.80E+00	<1.77E+00	<1.80E+00	<1.77E+00	<1.64E+00
T-509		4.72	4.39	17.65	<1.78E+00	<1.67E+00	<1.78E+00	<1.79E+00	<1.75E+00	<1.67E+00	<1.78E+00	<1.75E+00	<1.79E+00	<1.75E+00	<1.63E+00
T-510		<1.15E+00	<1.15E+00	<1.18E+00	<1.17E+00	<1.10E+00	<1.17E+00	<1.17E+00	<1.15E+00	<1.10E+00	<1.17E+00	<1.15E+00	<1.17E+00	<1.15E+00	<1.07E+00

Sample ID	Compound	t-2-Butene	t-2-Pentene	i-Pentane	n-Octane	4-Ethyltoluene	2,3,4-Trimethylpentane	2,3-Dimethylpentane	Cyclohexane	i-Propylbenzene	n-Nonane	Cyclopentane	3-Methylhexane	Methylcyclohexane	Styrene
	CAS	624-64-6	646-04-8	78-78-4	111-65-9	622-96-8	565-75-3	565-59-3	110-82-7	98-82-8	111-84-2	287-92-3	589-34-4	108-87-2	100-42-5
	MW	56.1	70.1	72.2	114.2	120.2	114.2	100.2	84.2	120.2	128.3	70.1	100.2	98.2	104.2
Flux (mg/m2-min)															
T-101		<3.02E-04	0.00422	<3.10E-04	<3.07E-04	<2.87E-04	<3.07E-04	<3.08E-04	<3.02E-04	<2.87E-04	<3.07E-04	<3.01E-04	<3.08E-04	<3.02E-04	<2.80E-04
T-102		0.00049	0.00079	<1.56E-04	<1.54E-04	<1.44E-04	<1.54E-04	<1.54E-04	<1.51E-04	<1.44E-04	<1.54E-04	<1.51E-04	<1.54E-04	<1.51E-04	<1.40E-04
T-103		0.00054	0.00527	0.00060	0.00334	0.02714	0.00188	0.00051	0.00061	0.00411	0.01104	<1.81E-04	0.00082	0.00317	0.00178
T-104		0.06758	0.00298	0.00545	0.00246	0.01603	0.00159	0.00104	0.00188	0.00226	0.00495	<1.76E-04	0.00247	0.00706	0.00295
T-105		0.00032	0.00053	<5.11E-05	0.00060	0.00039	0.00016	<5.06E-05	<4.96E-05	<4.72E-05	0.00046	<4.96E-05	0.00011	0.00014	<4.61E-05
T-106		<5.18E-05	<5.18E-05	<5.34E-05	0.00016	0.00013	<5.28E-05	<5.29E-05	<5.19E-05	<4.94E-05	<5.27E-05	<5.18E-05	<5.29E-05	<5.18E-05	<4.81E-05
T-107		0.00359	0.00194	<1.02E-04	0.00168	0.00108	0.00095	<1.01E-04	0.00030	<9.46E-05	0.00112	<9.93E-05	0.00078	0.00041	0.00021
T-108		<5.54E-05	0.00014	0.00069	0.00016	0.00031	<5.64E-05	<5.66E-05	<5.54E-05	<5.28E-05	0.00015	<5.54E-05	<5.66E-05	<5.54E-05	<5.15E-05
T-109		<7.72E-05	<7.72E-05	<7.95E-05	<7.86E-05	<7.35E-05	<7.86E-05	<7.88E-05	<7.73E-05	<7.35E-05	<7.85E-05	<7.72E-05	<7.88E-05	<7.72E-05	<7.17E-05
T-110		<1.03E-04	<1.03E-04	0.00122	<1.05E-04	<9.85E-05	<1.05E-04	<1.06E-04	<1.04E-04	<9.85E-05	<1.05E-04	<1.03E-04	<1.06E-04	<1.04E-04	<9.61E-05
T-111		<4.29E-04	0.00118	0.00497	<4.37E-04	<4.09E-04	<4.37E-04	<4.38E-04	<4.30E-04	<4.09E-04	<4.36E-04	<4.29E-04	<4.38E-04	<4.29E-04	<3.99E-04
T-112		<1.75E-04	<1.75E-04	<1.80E-04	0.00108	0.00466	0.00250	0.00371	<1.75E-04	<1.66E-04	0.00062	0.00072	<1.78E-04	<1.75E-04	0.00189
T-113		0.00208	<1.03E-04	0.00402	0.00055	0.00357	0.00080	0.00073	0.00166	0.00098	<1.05E-04	0.00223	0.00197	0.00060	<9.61E-05
T-114		<4.67E-05	<4.67E-05	<4.81E-05	<4.75E-05	<4.45E-05	<4.75E-05	<4.77E-05	<4.67E-05	<4.45E-05	<4.75E-05	<4.67E-05	<4.77E-05	<4.67E-05	<4.34E-05
T-201		<4.32E-05	<4.32E-05	0.00065	<4.40E-05	<4.11E-05	<4.40E-05	<4.41E-05	<4.32E-05	<4.11E-05	<4.39E-05	<4.32E-05	<4.41E-05	<4.32E-05	<4.01E-05
T-202		<4.33E-05	<4.33E-05	0.00041	<4.41E-05	<4.12E-05	<4.41E-05	<4.42E-05	0.00037	<4.12E-05	<4.40E-05	0.00028	<4.42E-05	<4.33E-05	<4.02E-05
T-203		0.00144	0.00130	0.00219	0.01167	<7.86E-05	0.00822	0.01401	0.01244	0.00104	0.00411	0.00225	0.00066	0.01393	0.00044
T-204		0.00309	<8.30E-05	0.00154	0.01524	<7.90E-05	0.01164	0.01105	0.02508	0.00112	0.00495	0.00375	0.03639	0.01983	0.00062
T-205		<7.54E-05	<7.54E-05	0.00166	<7.68E-05	<7.18E-05	0.00020	0.00043	0.00073	<7.18E-05	<7.67E-05	0.00130	0.00078	0.00036	<7.01E-05
T-206		<4.54E-05	<4.54E-05	0.00013	0.00009	0.00016	0.00014	0.00012	0.00020	<4.33E-05	<4.62E-05	0.00020	0.00012	0.00015	<4.22E-05
T-207		<1.00E-04	<1.00E-04	<1.03E-04	<1.02E-04	<9.56E-05	<1.02E-04	<1.03E-04	<1.01E-04	<9.56E-05	<1.02E-04	<1.00E-04	0.00041	0.00080	<9.33E-05
T-208		<6.65E-05	<6.65E-05	<6.85E-05	0.00023	0.00230	<6.77E-05	<6.79E-05	0.00015	<6.34E-05	<6.76E-05	0.00026	<6.79E-05	<6.66E-05	0.00031
T-209		<9.13E-05	<9.13E-05	<9.40E-05	<9.29E-05	<8.69E-05	<9.29E-05	<9.32E-05	<9.13E-05	<8.69E-05	<9.28E-05	<9.13E-05	<9.32E-05	<9.13E-05	<8.48E-05
T-210		<1.11E-04	<1.11E-04	<1.15E-04	<1.13E-04	<1.06E-04	<1.13E-04	<1.14E-04	<1.11E-04	<1.06E-04	<1.13E-04	<1.11E-04	<1.14E-04	<1.11E-04	<1.03E-04
T-211		<1.56E-04	<1.56E-04	<1.60E-04	<1.58E-04	<1.48E-04	<1.58E-04	<1.59E-04	<1.56E-04	<1.48E-04	<1.58E-04	<1.56E-04	<1.59E-04	<1.56E-04	<1.45E-04
T-212		<2.44E-04	<2.44E-04	<2.51E-04	<2.48E-04	<2.32E-04	<2.48E-04	<2.49E-04	<2.44E-04	<2.32E-04	<2.48E-04	<2.44E-04	<2.49E-04	<2.44E-04	<2.26E-04
T-213		0.00092	0.00145	<3.43E-04	<3.39E-04	<3.17E-04	<3.39E-04	<3.40E-04	<3.34E-04	<3.17E-04	<3.39E-04	<3.33E-04	<3.40E-04	<3.33E-04	<3.10E-04
T-214		<4.47E-05	<4.47E-05	<4.60E-05	<4.55E-05	<4.26E-05	<4.55E-05	<4.56E-05	<4.47E-05	<4.26E-05	<4.54E-05	<4.47E-05	<4.56E-05	<4.47E-05	<4.15E-05
T-301		0.00321	0.00282	0.00047	0.00019	<8.17E-05	0.00031	0.00096	0.00074	<8.17E-05	<8.72E-05	<8.58E-05	0.00085	<8.58E-05	<7.97E-05
T-302		0.00016	0.00228	0.00041	0.00022	<4.38E-05	<4.69E-05	0.00094	<4.61E-05	0.00014	0.00015	<4.60E-05	0.00083	<4.60E-05	0.00029
T-303		<4.85E-05	0.00080	0.00030	0.00012	<4.62E-05	0.00012	0.00043	<4.85E-05	0.00010	0.00014	0.00067	0.00045	<4.85E-05	<4.50E-05
T-304		<4.57E-05	<4.57E-05	0.00031	0.00009	0.00065	0.00051	0.00078	<4.58E-05	0.00033	0.00064	<4.57E-05	0.00058	0.00036	0.00022
T-305		0.00037	0.00385	0.00034	0.00292	0.00264	0.00137	0.00106	0.00040	0.00426	0.00365	0.00066	0.00039	<4.31E-05	0.00498
T-306		0.00103	<4.25E-05	0.00016	0.00709	0.00555	0.00630	0.00225	0.00052	0.00913	0.00820	0.00027	0.00122	0.00064	0.01538
T-307		0.00090	<4.24E-05	0.00491	0.00714	0.00519	0.01717	0.00082	0.00149	0.00815	0.00786	0.00031	0.00115	0.00054	0.00262
T-308		0.00194	0.01185	0.00021	0.00444	0.00206	0.00433	<4.32E-05	0.00143	0.00388	0.00369	0.00073	0.00090	0.00140	0.00277
T-309		0.00016	<4.16E-05	<4.28E-05	<4.24E-05	<3.96E-05	<4.24E-05	<4.25E-05	<4.16E-05	<3.96E-05	<4.23E-05	<4.16E-05	<4.25E-05	<4.16E-05	<3.86E-05
T-310		0.00782	0.02279	0.00069	0.02535	0.02935	0.01272	<8.54E-05	0.00705	0.03738	0.02605	0.00346	0.00371	0.00235	0.01669
T-311		<5.27E-05	0.00020	0.00013	<5.36E-05	0.00056	<5.36E-05	<5.38E-05	<5.27E-05	0.00032	0.00017	<5.27E-05	0.00034	<5.27E-05	<4.89E-05
T-312		0.00161	0.00249	<5.70E-05	0.00603	0.00839	0.00197	0.00208	0.00270	0.00901	0.00660	0.00066	0.00146	0.00084	0.00379
T-313		0.00146	0.00218	0.00015	0.00373	0.00385	0.00130	0.00128	0.00053	0.00262	0.00169	0.00021	0.00128	0.00025	0.00075
T-314		<4.43E-05	<4.42E-05	<4.56E-05	<4.51E-05	<4.21E-05	<4.51E-05	<4.52E-05	<4.43E-05	<4.21E-05	<4.50E-05	<4.42E-05	<4.52E-05	<4.43E-05	<4.11E-05
T-401		<5.33E-05	<5.32E-05	<5.48E-05	<5.42E-05	0.00013	<5.42E-05	<5.44E-05	<5.33E-05	<5.07E-05	<5.41E-05	<5.32E-05	<5.44E-05	<5.33E-05	<4.95E-05
T-402		<8.46E-05	<8.46E-05	0.00042	<8.61E-05	<8.06E-05	0.00022	0.00022	0.00052	<8.06E-05	<8.60E-05	<8.46E-05	<8.63E-05	0.00038	<7.86E-05
T-403		0.00183	<1.27E-04	<1.31E-04	<1.30E-04	0.00609	<1.30E-04	<1.30E-04	<1.27E-04	<1.21E-04	0.00081	<1.27E-04	<1.30E-04	<1.27E-04	<1.18E-04
T-404		0.00083	0.00131	0.03234	0.00336	0.00088	0.00537	0.02931	0.00691	0.00013	0.00050	0.02188	0.00785	0.00651	0.00030
T-405		<4.30E-05	<4.30E-05	<4.42E-05	<4.37E-05	<4.09E-05	<4.37E-05	<4.39E-05	<4.30E-05	<4.09E-05	<4.37E-05	<4.30E-05	0.00010	<4.30E-05	<3.99E-05
T-406		0.00455	<6.84E-05	0.00016	<6.96E-05	<6.51E-05	<6.96E-05	<6.98E-05	<6.84E-05	<6.51E-05	<6.95E-05	<6.84E-05	0.00016	<6.84E-05	<6.35E-05
T-407		<8.17E-05	0.00032	<8.41E-05	<8.32E-05	<7.78E-05	<8.32E-05	<8.34E-05	<8.18E-05	<7.78E-05	<8.31E-05	<8.17E-05	<8.34E-05	<8.17E-05	<7.59E-05
T-408		<6.56E-05	<6.56E-05	<6.76E-05	<6.68E-05	<6.25E-05	<6.68E-05	<6.70E-05	<6.57E-05	<6.25E-05	<6.67E-05	<6.56E-05	<6.70E-05	<6.57E-05	<6.10E-05
T-409		<6.20E-05	<6.19E-05	0.00030	<6.31E-05	<5.90E-05	<6.31E-05	<6.32E-05	<6.20E-05	<5.90E-05	<6.30E-05	<6.19E-05	<6.32E-05	<6.20E-05	0.00017
T-410		<4.53E-05	<4.53E-05	<4.67E-05	<4.61E-05	<4.32E-05	<4.61E-05	<4.63E-05	<4.53E-05	<4.32E-05	0.00012	<4.53E-05	<4.63E-05	<4.53E-05	<4.21E-05
T-411		<4.96E-05	<4.96E-05	<5.11E-05	<5.05E-05	<4.73E-05	<5.05E-05	<5.07E-05	<4.97E-05	<4.73E-05	<5.05E-05	<4.96E-05	<5.07E-05	<4.97E-05	<4.61E-05
T-412		<4.65E-05	<4.65E-05	<4.78E-05	<4.73E-05	<4.42E-05	<4.73E-05	<4.74E-05	<4.65E-05	<4.42E-05	<4.72E-05	<4.65E-05	<4.74E-05	<4.65E-05	<4.32E-05
T-413		<6.34E-05	<6.33E-05	<6.52E-05	<6.45E-05	<6.03E-05	<6.45E-05	<6.47E-05	<6.34E-05	<6.03E-05	<6.44E-05	<6.33E-05	<6.47E-05	<6.34E-05	<5.88E-05
T-414		<4.43E-05	<4.42E-05	<4.56E-05	<4.51E-05	<4.21E-05	<4.51E-05	<4.52E-05	<4.43E-05	<4.21E-05	<4.50E-05	<4.42E-05	<4.52E-05	<4.43E-05	<4.11E-05
T-501		<8.76E-05	<8.75E-05	<9.02E-05	<8.91E-05	<8.34E-05	<8.91E-05	<8.94E-05	<8.76E-05	<8.34E-05	<8.90E-05	<8.75E-05	<8.94E-05	<8.76E-05	<8.13E-05
T-502		<5.15E-05	0.00048	0.00019	<5.25E-05	<4.91E-05	<5.25E-05	<5.26E-05	0.00015	<4.91E-05	<5.24E-05	<5.15E-05	<5.26E-05	0.00019	0.00013
T-503		<5.98E-05	0.00142	0.00055	0.00019	<5.69E-05	0.00042	<6.10E-05	0.00033	<5.69E-05	<6.08E-05	0.00025	0.00018	0.00045	0.00017
T-504		<4.59E-05	0.00056	0.00119	0.00207	<4.37E-05	0.00162	0.00117	0.00379	0.00089	0.00256	0.00106	0.00322	0.00776	0.00060
T-505		<4.16E-05	0.00013	<4.28E-05	<4.24E-05	0.00009	<4.24E-05	<4.25E-05	<4.16E-05	<3.96E-05	0.00009	0.00017	<4.25E-05	<4.16E-05	<3.86E-05
T-506		<5.55E-05	0.00050	<5.71E-05	<5.65E-05	<5.28E-05	<5.65E-05	<5.66E-05	<5.55E-05	<5.28E-05	<5.64E-05	<5.55E-05	<5.66E-05	<5.55E-05	<5.15E-05
T-507		<4.36E-05	<4.35E-05	<4.48E-05	<4.43E-05	<4.15E-05	<4.43E-05	<4.45E-05	<4.36E-05	<4.15E-05	<4.43E-05	<4.35E-05	<4.45E-05	<4.36E-05	<4.05E-05
T-508		0.00029	0.00020	0.00060	<7.13E-05	<6.67E-05	<7.13E-05	<7.15E-05	<7.00E-05	<6.67E-05	<7.12E-05	<7.00E-05	<7.15E-05	<7.00E-05	<6.50E-05
T-509		0.00019	0.00017	0.00069	<7.02E-05	<6.56E-05	<7.02E-05	<7.03E-05	<6.90E-05	<6.56E-05	<7.01E-05	<6.89E-05	<7.03E-05	<6.89E-05	<6.40E-05
T-510		<4.46E-05	<4.46E-05	<4.59E-05	<4.54E-05	<4.25E-05	<4.54E-05	<4.55E-05	<4.46E-05	<4.25E-05	<4.54E-05	<4.46E-05	<4.55E-05	<4.46E-05	<4.14E-05

Sample ID	Compound	2,2,4-Trimethylpentane	3-Methylpentane	1-Pentene	2-Methylheptane	1,3,5-Trimethylbenzene	2-Methylhexane	2-Ethyltoluene	n-Pentane	3-Ethyltoluene	n-Hexane	Methylcyclopentane	3-Methylheptane	c-2-Pentene	1-Butene
	CAS	540-84-1	96-14-0	109-67-1	592-27-8	108-67-8	591-76-4	611-14-3	109-66-0	620-14-4	110-54-3	96-37-7	589-81-1	627-20-3	106-98-9
	MW	114.2	86.2	70.1	114.2	120.2	100.2	120.2	72.1	120.2	86.2	84.2	114.2	70.1	56.1
Lab Data (ppbv)															
T-101		ND	2.91	ND	ND	ND	ND	ND	ND	ND	4.94	ND	ND	ND	ND
T-102		ND	ND	ND	ND	ND	ND	ND	ND	0.67	0.87	ND	ND	ND	ND
T-103		8.09	3.52	16.39	5.73	9.4	1.54	23.52	1.62	8.37	2.61	ND	2.53	ND	ND
T-104		13.14	2.89	5.96	4.09	9.67	2.27	9.93	9.54	3.89	3.91	ND	2.38	2.58	ND
T-105		ND	ND	ND	0.96	0.76	ND	1.14	ND	ND	0.68	ND	ND	ND	1.32
T-106		ND	ND	0.89	ND	ND	ND	0.47	ND	ND	ND	ND	ND	ND	ND
T-107		0.95	ND	1.4	1.31	0.77	0.85	0.53	1.75	ND	1.03	0.76	0.7	1.14	ND
T-108		ND	ND	ND	ND	ND	ND	0.61	ND	ND	ND	ND	ND	ND	ND
T-109		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-110		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-111		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-112		ND	ND	4.71	ND	0.57	2.15	ND	1.45	ND	ND	ND	ND	ND	2.05
T-113		2.41	4.51	2.58	ND	1.09	3.79	2.03	2.96	0.47	1.26	1.21	ND	ND	ND
T-114		ND	ND	ND	ND	ND	ND	ND	ND	ND	1.15	ND	ND	ND	ND
T-201		0.96	ND	2.36	ND	1.3	ND	ND	3.6	ND	0.85	ND	ND	ND	1.98
T-202		0.56	ND	0.89	ND	ND	ND	ND	0.96	ND	ND	ND	ND	ND	1.26
T-203		35.03	ND	10.53	26.98	11.91	ND	3.39	12.05	1.62	1.33	3.18	15.96	16.85	19.46
T-204		52.09	25.06	94.56	22.66	5.85	91.44	2.22	12.26	1.81	48.71	2.75	24.11	31.39	41.2
T-205		1.44	0.87	7.04	0.53	ND	1.45	ND	2.91	ND	1.3	ND	ND	ND	ND
T-206		0.71	ND	2.74	ND	ND	ND	ND	1.31	ND	0.68	ND	ND	ND	2.3
T-207		0.83	ND	1.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-208		13.68	1.65	3.47	ND	0.84	ND	0.55	1.53	0.52	ND	ND	ND	ND	10.79
T-209		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-210		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-211		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-212		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-213		ND	1.31	ND	ND	ND	ND	ND	ND	ND	1.49	ND	ND	ND	ND
T-214		ND	ND	ND	ND	ND	ND	ND	3.28	ND	1.18	ND	ND	ND	1.22
T-301		ND	ND	1.14	1.45	ND	ND	ND	1.06	ND	2.9	6.79	ND	1.32	ND
T-302		ND	ND	0.96	0.7	ND	ND	ND	ND	ND	1.63	10.29	0.55	ND	1.16
T-303		ND	ND	ND	1.86	ND	2.37	ND	ND	ND	3.3	4.56	ND	ND	2.52
T-304		0.81	ND	ND	2.49	2.27	7.72	2.8	7.89	ND	5.6	4.2	1.06	ND	ND
T-305		0.6	ND	1.55	8.51	9.27	ND	8.68	1.61	7.54	1.96	12.65	3.02	2.56	ND
T-306		1.15	ND	2.22	23.39	24.35	ND	12.85	ND	16.7	5.05	ND	7.78	4.55	2.24
T-307		1.64	2.79	2.66	20.04	3.18	ND	11.06	1.26	31.69	5.32	1.75	6.78	28.77	ND
T-308		ND	ND	1.51	17.14	6.55	20.55	4.62	1.83	6.79	4.35	28.44	ND	3.11	ND
T-309		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-310		3.93	135.03	3.11	25.98	53.06	27.22	35.07	2.76	44.59	8.27	40.08	9.88	4.12	ND
T-311		ND	5.71	1.28	ND	0.72	ND	ND	ND	0.58	1.04	1.48	ND	ND	ND
T-312		2.2	ND	2.65	8.83	37.03	ND	17.33	2.9	15.45	5.48	8.19	5.58	3.75	ND
T-313		2.74	ND	2.28	1.39	5.28	ND	4.35	2.46	3.1	3.27	6.63	2.97	3.25	ND
T-314		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.19
T-401		ND	4.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-402		0.82	ND	ND	ND	ND	ND	ND	0.96	ND	ND	ND	ND	ND	ND
T-403		0.82	0.67	ND	ND	7.73	ND	7.18	ND	0.78	ND	ND	ND	ND	1.05
T-404		45.19	21.87	14.78	31.81	1.32	ND	1.01	66.76	0.63	20.65	ND	29.25	2.67	ND
T-405		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-406		ND	ND	ND	ND	ND	ND	ND	ND	0.71	ND	ND	ND	ND	2.04
T-407		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-408		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-409		ND	3.89	1.08	ND	ND	ND	ND	ND	1.25	ND	ND	ND	ND	3.93
T-410		ND	3.61	ND	ND	ND	ND	ND	ND	ND	ND	0.67	ND	ND	ND
T-411		ND	ND	2.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-412		ND	ND	ND	ND	ND	ND	0.84	0.97	ND	ND	ND	ND	ND	ND
T-413		ND	1.49	1.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-414		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-501		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-502		2.37	0.86	3.38	ND	ND	ND	ND	1.94	0.48	ND	ND	ND	1.11	2.55
T-503		0.77	1.9	5.83	ND	ND	0.89	ND	2.5	1.29	1.62	ND	0.53	1.55	ND
T-504		51.89	ND	19.07	13.46	12.48	10.49	7.6	5.6	2.93	4.02	1.33	7.42	ND	3.04
T-505		ND	2.38	ND	ND	0.63	ND	ND	0.86	ND	ND	ND	ND	ND	ND
T-506		ND	2.69	ND	ND	ND	ND	ND	1.18	ND	ND	ND	ND	ND	ND
T-507		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-508		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-509		ND	1.77	ND	ND	ND	ND	ND	ND	ND	2.99	ND	ND	ND	ND
T-510		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.68

Sample ID	Compound	2,2,4-Trimethylpentane	3-Methylpentane	1-Pentene	2-Methylheptane	1,3,5-Trimethylbenzene	2-Methylhexane	2-Ethyltoluene	n-Pentane	3-Ethyltoluene	n-Hexane	Methylcyclopentane	3-Methylheptane	c-2-Pentene	1-Butene
	CAS	540-84-1	96-14-0	109-67-1	592-27-8	108-67-8	591-76-4	611-14-3	109-66-0	620-14-4	110-54-3	96-37-7	589-81-1	627-20-3	106-98-9
	MW	114.2	86.2	70.1	114.2	120.2	100.2	120.2	72.1	120.2	86.2	84.2	114.2	70.1	56.1
MDL (ppbv)															
T-101		0.74	0.99	1.19	0.74	0.66	0.85	0.66	1.19	0.66	0.99	0.99	0.74	1.19	1.48
T-102		0.64	0.85	1.02	0.64	0.57	0.73	0.57	1.02	0.57	0.85	0.85	0.64	1.02	1.27
T-103		0.71	0.95	1.14	0.71	0.63	0.81	0.63	1.14	0.63	0.95	0.95	0.71	1.14	1.43
T-104		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-105		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-106		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-107		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-108		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-109		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-110		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-111		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-112		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-113		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-114		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-201		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-202		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-203		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-204		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-205		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-206		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-207		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-208		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-209		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-210		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-211		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-212		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-213		0.68	0.91	1.09	0.68	0.60	0.78	0.60	1.09	0.60	0.91	0.91	0.68	1.09	1.36
T-214		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-301		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-302		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-303		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-304		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-305		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-306		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-307		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-308		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-309		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-310		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-311		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-312		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-313		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-314		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-401		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-402		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-403		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-404		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-405		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-406		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-407		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-408		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-409		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-410		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-411		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-412		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-413		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-414		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-501		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-502		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-503		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-504		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-505		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-506		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-507		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00
T-508		0.81	1.07	1.29	0.81	0.72	0.92	0.72	1.29	0.72	1.07	1.07	0.81	1.29	1.61
T-509		0.80	1.06	1.28	0.80	0.71	0.91	0.71	1.28	0.71	1.06	1.06	0.80	1.28	1.60
T-510		0.50	0.67	0.80	0.50	0.44	0.57	0.44	0.80	0.44	0.67	0.67	0.50	0.80	1.00

Sample ID	Compound	2,2,4-Trimethylpentane	3-Methylpentane	1-Pentene	2-Methylheptane	1,3,5-Trimethylbenzene	2-Methylhexane	2-Ethyltoluene	n-Pentane	3-Ethyltoluene	n-Hexane	Methylcyclopentane	3-Methylheptane	c-2-Pentene	1-Butene
	CAS	540-84-1	96-14-0	109-67-1	592-27-8	108-67-8	591-76-4	611-14-3	109-66-0	620-14-4	110-54-3	96-37-7	589-81-1	627-20-3	106-98-9
	MW	114.2	86.2	70.1	114.2	120.2	100.2	120.2	72.1	120.2	86.2	84.2	114.2	70.1	56.1
Data Used (ug/m3)															
T-101		<1.65E+00	9.78	<1.62E+00	<1.65E+00	<1.54E+00	<1.65E+00	<1.54E+00	<1.67E+00	<1.54E+00	16.60	<1.62E+00	<1.65E+00	<1.62E+00	<1.62E+00
T-102		<1.42E+00	<1.43E+00	<1.39E+00	<1.42E+00	<1.33E+00	<1.42E+00	<1.33E+00	<1.43E+00	3.15	2.93	<1.39E+00	<1.42E+00	<1.39E+00	<1.39E+00
T-103		36.67	12.04	45.60	25.97	44.85	6.12	112.21	4.64	39.93	8.93	<1.59E+00	11.47	<1.59E+00	<1.59E+00
T-104		58.71	9.75	16.35	18.27	45.48	8.90	46.70	26.91	18.29	13.19	<1.10E+00	10.63	7.08	<1.10E+00
T-105		<1.12E+00	<1.13E+00	<1.10E+00	4.31	3.59	<1.13E+00	5.39	<1.13E+00	<1.05E+00	2.31	<1.10E+00	<1.12E+00	<1.10E+00	2.91
T-106		<1.11E+00	<1.12E+00	2.43	<1.11E+00	<1.04E+00	<1.12E+00	2.20	<1.12E+00	<1.04E+00	<1.12E+00	<1.09E+00	<1.11E+00	<1.09E+00	<1.09E+00
T-107		4.21	<1.12E+00	3.81	5.81	3.60	3.31	2.47	4.90	<1.04E+00	3.45	2.49	3.11	3.10	<1.09E+00
T-108		<1.11E+00	<1.12E+00	<1.09E+00	<1.11E+00	<1.04E+00	<1.12E+00	2.86	<1.12E+00	<1.04E+00	<1.12E+00	<1.09E+00	<1.11E+00	<1.09E+00	<1.09E+00
T-109		<1.11E+00	<1.11E+00	<1.09E+00	<1.11E+00	<1.04E+00	<1.11E+00	<1.04E+00	<1.12E+00	<1.04E+00	<1.11E+00	<1.09E+00	<1.11E+00	<1.09E+00	<1.09E+00
T-110		<1.11E+00	<1.12E+00	<1.09E+00	<1.11E+00	<1.04E+00	<1.11E+00	<1.04E+00	<1.12E+00	<1.04E+00	<1.12E+00	<1.09E+00	<1.11E+00	<1.09E+00	<1.09E+00
T-111		<1.11E+00	<1.11E+00	<1.09E+00	<1.11E+00	<1.04E+00	<1.11E+00	<1.04E+00	<1.12E+00	<1.04E+00	<1.11E+00	<1.09E+00	<1.11E+00	<1.09E+00	<1.09E+00
T-112		<1.08E+00	<1.08E+00	12.45	<1.08E+00	2.58	8.12	<1.01E+00	3.94	<1.01E+00	<1.08E+00	<1.06E+00	<1.08E+00	<1.06E+00	4.34
T-113		10.38	14.66	6.82	<1.08E+00	4.94	14.32	9.20	8.05	2.13	4.10	3.84	<1.08E+00	<1.06E+00	<1.06E+00
T-114		<1.17E+00	<1.18E+00	<1.15E+00	<1.17E+00	<1.10E+00	<1.17E+00	<1.10E+00	<1.18E+00	<1.10E+00	4.07	<1.15E+00	<1.17E+00	<1.15E+00	<1.15E+00
T-201		4.39	<1.15E+00	6.63	<1.14E+00	6.26	<1.15E+00	<1.07E+00	10.40	<1.07E+00	2.93	<1.12E+00	<1.14E+00	<1.12E+00	4.45
T-202		2.57	<1.15E+00	2.50	<1.15E+00	<1.07E+00	<1.15E+00	<1.07E+00	2.78	<1.07E+00	<1.15E+00	<1.13E+00	<1.15E+00	<1.13E+00	2.84
T-203		158.78	<1.14E+00	29.30	122.29	56.82	<1.14E+00	16.17	34.48	7.73	4.55	10.63	72.34	46.88	43.33
T-204		237.40	86.21	264.53	103.27	28.06	365.64	10.65	35.28	8.68	167.56	9.24	109.88	87.81	92.24
T-205		6.43	2.93	19.31	2.37	<1.05E+00	5.68	<1.05E+00	8.21	<1.05E+00	4.38	<1.10E+00	<1.12E+00	<1.10E+00	<1.10E+00
T-206		3.06	<1.09E+00	7.26	<1.08E+00	<1.01E+00	<1.08E+00	<1.01E+00	3.57	<1.01E+00	2.21	<1.06E+00	<1.08E+00	<1.06E+00	4.87
T-207		3.72	<1.13E+00	3.21	<1.12E+00	<1.05E+00	<1.12E+00	<1.05E+00	<1.13E+00	<1.05E+00	<1.13E+00	<1.10E+00	<1.12E+00	<1.10E+00	<1.10E+00
T-208		59.02	5.37	9.19	<1.08E+00	3.81	<1.08E+00	2.50	4.17	2.36	<1.09E+00	<1.06E+00	<1.08E+00	<1.06E+00	22.87
T-209		<1.12E+00	<1.12E+00	<1.10E+00	<1.12E+00	<1.05E+00	<1.12E+00	<1.05E+00	<1.13E+00	<1.05E+00	<1.12E+00	<1.10E+00	<1.12E+00	<1.10E+00	<1.10E+00
T-210		<1.11E+00	<1.12E+00	<1.09E+00	<1.11E+00	<1.04E+00	<1.12E+00	<1.04E+00	<1.12E+00	<1.04E+00	<1.12E+00	<1.09E+00	<1.11E+00	<1.09E+00	<1.09E+00
T-211		<1.11E+00	<1.12E+00	<1.09E+00	<1.11E+00	<1.04E+00	<1.12E+00	<1.04E+00	<1.12E+00	<1.04E+00	<1.12E+00	<1.09E+00	<1.11E+00	<1.09E+00	<1.09E+00
T-212		<1.10E+00	<1.11E+00	<1.08E+00	<1.10E+00	<1.03E+00	<1.10E+00	<1.03E+00	<1.11E+00	<1.03E+00	<1.11E+00	<1.08E+00	<1.10E+00	<1.08E+00	<1.08E+00
T-213		<1.50E+00	4.36	<1.47E+00	<1.50E+00	<1.40E+00	<1.50E+00	<1.40E+00	<1.51E+00	<1.40E+00	4.95	<1.47E+00	<1.50E+00	<1.47E+00	<1.47E+00
T-214		<1.17E+00	<1.18E+00	<1.15E+00	<1.17E+00	<1.10E+00	<1.17E+00	<1.10E+00	9.70	<1.10E+00	4.17	<1.15E+00	<1.17E+00	<1.15E+00	2.81
T-301		<1.14E+00	<1.15E+00	3.20	6.63	<1.07E+00	<1.15E+00	<1.07E+00	3.06	<1.07E+00	10.01	22.90	<1.14E+00	3.71	<1.12E+00
T-302		<1.15E+00	<1.16E+00	2.72	3.23	<1.08E+00	<1.16E+00	<1.08E+00	<1.17E+00	<1.08E+00	5.68	35.02	2.54	<1.13E+00	2.63
T-303		<1.15E+00	<1.16E+00	<1.13E+00	8.55	<1.08E+00	9.56	<1.08E+00	<1.16E+00	<1.08E+00	11.46	15.46	<1.15E+00	<1.13E+00	5.69
T-304		3.70	<1.15E+00	<1.12E+00	11.37	10.91	30.93	13.46	22.74	<1.07E+00	19.30	14.14	4.84	<1.12E+00	<1.12E+00
T-305		2.70	<1.13E+00	4.29	38.36	43.99	<1.13E+00	41.19	4.58	35.78	6.67	42.05	13.61	7.08	<1.11E+00
T-306		5.18	<1.13E+00	6.13	105.26	115.33	<1.13E+00	60.86	<1.14E+00	79.10	17.15	<1.11E+00	35.01	12.57	4.95
T-307		7.37	9.46	7.33	90.02	15.04	<1.13E+00	52.29	3.57	149.83	18.04	5.80	30.46	79.33	<1.10E+00
T-308		<1.12E+00	<1.13E+00	4.16	76.86	30.91	80.85	21.80	5.18	32.05	14.72	94.02	<1.12E+00	8.56	<1.10E+00
T-309		<1.10E+00	<1.11E+00	<1.08E+00	<1.10E+00	<1.03E+00	<1.10E+00	<1.03E+00	<1.11E+00	<1.03E+00	<1.11E+00	<1.08E+00	<1.10E+00	<1.08E+00	<1.08E+00
T-310		17.47	452.97	8.48	115.46	248.20	106.14	164.05	7.74	208.58	27.74	131.33	43.91	11.24	<1.09E+00
T-311		<1.09E+00	18.85	3.44	<1.09E+00	3.32	<1.10E+00	<1.02E+00	<1.10E+00	2.67	3.43	4.77	<1.09E+00	<1.07E+00	<1.07E+00
T-312		9.66	<1.10E+00	7.14	38.76	171.09	<1.10E+00	80.07	8.04	71.38	18.16	26.51	24.49	10.10	<1.08E+00
T-313		12.03	<1.10E+00	6.14	6.10	24.40	<1.10E+00	20.10	6.82	14.32	10.83	21.46	13.04	8.76	<1.08E+00
T-314		<1.17E+00	<1.18E+00	<1.15E+00	<1.17E+00	<1.10E+00	<1.17E+00	<1.10E+00	<1.18E+00	<1.10E+00	<1.18E+00	<1.15E+00	<1.17E+00	<1.15E+00	2.74
T-401		<1.15E+00	14.77	<1.13E+00	<1.15E+00	<1.08E+00	<1.16E+00	<1.08E+00	<1.17E+00	<1.08E+00	<1.16E+00	<1.13E+00	<1.15E+00	<1.13E+00	<1.13E+00
T-402		3.72	<1.14E+00	<1.11E+00	<1.14E+00	<1.06E+00	<1.14E+00	<1.06E+00	2.75	<1.06E+00	<1.14E+00	<1.12E+00	<1.14E+00	<1.11E+00	<1.12E+00
T-403		3.74	2.31	<1.12E+00	<1.14E+00	37.15	<1.14E+00	34.50	<1.15E+00	3.75	<1.15E+00	<1.12E+00	<1.14E+00	<1.12E+00	2.36
T-404		211.33	77.20	42.43	148.76	6.50	<1.17E+00	4.97	197.11	3.10	72.89	<1.15E+00	136.79	7.66	<1.15E+00
T-405		<1.14E+00	<1.14E+00	<1.12E+00	<1.14E+00	<1.06E+00	<1.14E+00	<1.06E+00	<1.15E+00	<1.06E+00	<1.14E+00	<1.12E+00	<1.14E+00	<1.12E+00	<1.12E+00
T-406		<1.12E+00	<1.13E+00	<1.10E+00	<1.12E+00	<1.05E+00	<1.13E+00	<1.05E+00	<1.13E+00	3.36	<1.13E+00	<1.10E+00	<1.12E+00	<1.10E+00	4.50
T-407		<1.12E+00	<1.12E+00	<1.10E+00	<1.12E+00	<1.05E+00	<1.12E+00	<1.05E+00	<1.13E+00	<1.05E+00	<1.12E+00	<1.10E+00	<1.12E+00	<1.10E+00	<1.10E+00
T-408		<1.13E+00	<1.14E+00	<1.11E+00	<1.13E+00	<1.06E+00	<1.14E+00	<1.06E+00	<1.14E+00	<1.06E+00	<1.14E+00	<1.11E+00	<1.13E+00	<1.11E+00	<1.11E+00
T-409		<1.11E+00	13.00	2.94	<1.11E+00	<1.04E+00	<1.11E+00	<1.04E+00	<1.12E+00	5.83	<1.11E+00	<1.09E+00	<1.11E+00	<1.09E+00	8.55
T-410		<1.12E+00	12.15	<1.10E+00	<1.12E+00	<1.04E+00	<1.12E+00	<1.04E+00	<1.13E+00	<1.04E+00	<1.12E+00	2.20	<1.12E+00	<1.10E+00	<1.10E+00
T-411		<1.10E+00	<1.11E+00	6.07	<1.10E+00	<1.03E+00	<1.11E+00	<1.03E+00	<1.11E+00	<1.03E+00	<1.11E+00	<1.08E+00	<1.10E+00	<1.08E+00	<1.08E+00
T-412		<1.11E+00	<1.11E+00	<1.09E+00	<1.11E+00	<1.04E+00	<1.11E+00	3.92	2.71	<1.04E+00	<1.11E+00	<1.09E+00	<1.11E+00	<1.09E+00	<1.09E+00
T-413		<1.11E+00	4.98	3.86	<1.11E+00	<1.04E+00	<1.11E+00	<1.04E+00	<1.12E+00	<1.04E+00	<1.11E+00	<1.09E+00	<1.11E+00	<1.09E+00	<1.09E+00
T-414		<1.17E+00	<1.18E+00	<1.15E+00	<1.17E+00	<1.10E+00	<1.17E+00	<1.10E+00	<1.18E+00	<1.10E+00	<1.18E+00	<1.15E+00	<1.17E+00	<1.15E+00	<1.15E+00
T-501		<1.14E+00	<1.15E+00	<1.12E+00	<1.14E+00	<1.07E+00	<1.14E+00	<1.07E+00	<1.15E+00	<1.07E+00	<1.15E+00	<1.12E+00	<1.14E+00	<1.12E+00	<1.12E+00
T-502		10.67	2.92	9.34	<1.13E+00	<1.05E+00	<1.13E+00	<1.05E+00	5.51	2.27	<1.13E+00	<1.11E+00	<1.13E+00	3.07	5.64
T-503		3.49	6.50	16.22	<1.13E+00	<1.06E+00	3.54	<1.06E+00	7.15	6.15	5.54	<1.11E+00	2.40	4.31	<1.11E+00
T-504		234.35	<1.14E+00	52.87	60.79	59.33	41.57	36.13	15.97	13.93	13.70	4.43	33.51	<1.11E+00	6.74
T-505		<1.10E+00	7.91	<1.08E+00	<1.10E+00	2.92	<1.10E+00	<1.03E+00	2.39	<1.03E+00	<1.11E+00	<1.08E+00	<1.10E+00	<1.08E+00	<1.08E+00
T-506		<1.11E+00	9.01	<1.09E+00	<1.11E+00	<1.04E+00	<1.11E+00	<1.04E+00	3.31	<1.04E+00	<1.12E+00	<1.09E+00	<1.11E+00	<1.09E+00	<1.09E+00
T-507		<1.14E+00	<1.15E+00	<1.12E+00	<1.14E+00	<1.07E+00	<1.14E+00	<1.07E+00	<1.15E+00	<1.07E+00	<1.15E+00	<1.12E+00	<1.14E+00	<1.12E+00	<1.12E+00
T-508		<1.80E+00	<1.81E+00	<1.77E+00	<1.80E+00	<1.68E+00	<1.80E+00	<1.68E+00	<1.82E+00	<1.68E+00	<1.81E+00	<1.77E+00	<1.80E+00	<1.77E+00	<1.77E+00
T-509		<1.78E+00	5.97	<1.75E+00	<1.78E+00	<1.67E+00	<1.79E+00	<1.67E+00	<1.80E+00	<1.67E+00	10.08	<1.75E+00	<1.78E+00	<1.75E+00	<1.75E+00
T-510		<1.17E+00	<1.18E+00	<1.15E+00	<1.17E+00	<1.10E+00	<1.17E+00	<1.10E+00	<1.18E+00	<1.10E+00	<1.18E+00	<1.15E+00	<1.17E+00	<1.15E+00	3.87

Sample ID	Compound	2,2,4-Trimethylpentane	3-Methylpentane	1-Pentene	2-Methylheptane	1,3,5-Trimethylbenzene	2-Methylhexane	2-Ethyltoluene	n-Pentane	3-Ethyltoluene	n-Hexane	Methylcyclopentane	3-Methylheptane	c-2-Pentene	1-Butene
	CAS	540-84-1	96-14-0	109-67-1	592-27-8	108-67-8	591-76-4	611-14-3	109-66-0	620-14-4	110-54-3	96-37-7	589-81-1	627-20-3	106-98-9
	MW	114.2	86.2	70.1	114.2	120.2	100.2	120.2	72.1	120.2	86.2	84.2	114.2	70.1	56.1
Flux (mg/m2-min)															
T-101		<3.07E-04	0.00182	<3.01E-04	<3.07E-04	<2.87E-04	<3.08E-04	<2.87E-04	<3.10E-04	<2.87E-04	0.00309	<3.02E-04	<3.07E-04	<3.01E-04	<3.02E-04
T-102		<1.54E-04	<1.55E-04	<1.51E-04	<1.54E-04	<1.44E-04	<1.54E-04	<1.44E-04	<1.55E-04	0.00034	0.00032	<1.51E-04	<1.54E-04	<1.51E-04	<1.51E-04
T-103		0.00419	0.00138	0.00521	0.00297	0.00513	0.00070	0.01283	0.00053	0.00457	0.00102	<1.82E-04	0.00131	<1.81E-04	<1.82E-04
T-104		0.00943	0.00156	0.00262	0.00293	0.00730	0.00143	0.00750	0.00432	0.00294	0.00212	<1.76E-04	0.00171	0.00114	<1.76E-04
T-105		<5.05E-05	<5.08E-05	<4.96E-05	0.00019	0.00016	<5.06E-05	0.00024	<5.10E-05	<4.72E-05	0.00010	<4.96E-05	<5.05E-05	<4.96E-05	0.00013
T-106		<5.28E-05	<5.31E-05	0.00012	<5.28E-05	<4.94E-05	<5.29E-05	0.00010	<5.33E-05	<4.94E-05	<5.31E-05	<5.19E-05	<5.28E-05	<5.18E-05	<5.18E-05
T-107		0.00038	<1.02E-04	0.00035	0.00053	0.00033	0.00030	0.00023	0.00045	<9.46E-05	0.00031	0.00023	0.00028	0.00028	<9.93E-05
T-108		<5.64E-05	<5.68E-05	<5.54E-05	<5.64E-05	<5.28E-05	<5.66E-05	0.00014	<5.70E-05	<5.28E-05	<5.68E-05	<5.54E-05	<5.64E-05	<5.54E-05	<5.54E-05
T-109		<7.86E-05	<7.91E-05	<7.72E-05	<7.86E-05	<7.35E-05	<7.88E-05	<7.35E-05	<7.94E-05	<7.35E-05	<7.91E-05	<7.73E-05	<7.86E-05	<7.72E-05	<7.72E-05
T-110		<1.05E-04	<1.06E-04	<1.03E-04	<1.05E-04	<9.85E-05	<1.06E-04	<9.85E-05	<1.06E-04	<9.85E-05	<1.06E-04	<1.04E-04	<1.05E-04	<1.03E-04	<1.03E-04
T-111		<4.37E-04	<4.40E-04	<4.29E-04	<4.37E-04	<4.09E-04	<4.38E-04	<4.09E-04	<4.41E-04	<4.09E-04	<4.40E-04	<4.30E-04	<4.37E-04	<4.29E-04	<4.29E-04
T-112		<1.78E-04	<1.79E-04	0.00206	<1.78E-04	0.00043	0.00134	<1.66E-04	0.00065	<1.66E-04	<1.79E-04	<1.75E-04	<1.78E-04	<1.75E-04	0.00072
T-113		0.00102	0.00143	0.00067	<1.05E-04	0.00048	0.00140	0.00090	0.00079	0.00021	0.00040	0.00038	<1.05E-04	<1.03E-04	<1.03E-04
T-114		<4.75E-05	<4.78E-05	<4.67E-05	<4.75E-05	<4.45E-05	<4.77E-05	<4.45E-05	<4.80E-05	<4.45E-05	0.00017	<4.67E-05	<4.75E-05	<4.67E-05	<4.67E-05
T-201		0.00017	<4.43E-05	0.00025	<4.40E-05	0.00024	<4.41E-05	<4.11E-05	0.00040	<4.11E-05	0.00011	<4.32E-05	<4.40E-05	<4.32E-05	0.00017
T-202		0.00010	<4.43E-05	0.00010	<4.41E-05	<4.12E-05	<4.42E-05	<4.12E-05	0.00011	<4.12E-05	<4.43E-05	<4.33E-05	<4.41E-05	<4.33E-05	0.00011
T-203		0.01177	<8.46E-05	0.00217	0.00907	0.00421	<8.43E-05	0.00120	0.00256	0.00057	0.00034	0.00079	0.00536	0.00348	0.00321
T-204		0.01760	0.00639	0.01962	0.00766	0.00208	0.02711	0.00079	0.00262	0.00064	0.01243	0.00069	0.00815	0.00651	0.00684
T-205		0.00044	0.00020	0.00133	0.00016	<7.18E-05	0.00039	<7.18E-05	0.00056	<7.18E-05	0.00030	<7.55E-05	<7.68E-05	<7.54E-05	<7.54E-05
T-206		0.00013	<4.65E-05	0.00031	<4.63E-05	<4.33E-05	<4.64E-05	<4.33E-05	0.00015	<4.33E-05	0.00009	<4.55E-05	<4.63E-05	<4.54E-05	0.00021
T-207		0.00034	<1.03E-04	0.00029	<1.02E-04	<9.56E-05	<1.03E-04	<9.56E-05	<1.03E-04	<9.56E-05	<1.03E-04	<1.01E-04	<1.02E-04	<1.00E-04	<1.00E-04
T-208		0.00371	0.00034	0.00058	<6.77E-05	0.00024	<6.79E-05	0.00016	0.00026	0.00015	<6.82E-05	<6.66E-05	<6.77E-05	<6.65E-05	0.00144
T-209		<9.29E-05	<9.35E-05	<9.13E-05	<9.29E-05	<8.69E-05	<9.32E-05	<8.69E-05	<9.39E-05	<8.69E-05	<9.35E-05	<9.13E-05	<9.29E-05	<9.13E-05	<9.13E-05
T-210		<1.13E-04	<1.14E-04	<1.11E-04	<1.13E-04	<1.06E-04	<1.14E-04	<1.06E-04	<1.15E-04	<1.06E-04	<1.14E-04	<1.11E-04	<1.13E-04	<1.11E-04	<1.11E-04
T-211		<1.58E-04	<1.59E-04	<1.56E-04	<1.58E-04	<1.48E-04	<1.59E-04	<1.48E-04	<1.60E-04	<1.48E-04	<1.59E-04	<1.56E-04	<1.58E-04	<1.56E-04	<1.56E-04
T-212		<2.48E-04	<2.50E-04	<2.44E-04	<2.48E-04	<2.32E-04	<2.49E-04	<2.32E-04	<2.51E-04	<2.32E-04	<2.50E-04	<2.44E-04	<2.48E-04	<2.44E-04	<2.44E-04
T-213		<3.39E-04	0.00099	<3.33E-04	<3.39E-04	<3.17E-04	<3.40E-04	<3.17E-04	<3.43E-04	<3.17E-04	0.00112	<3.34E-04	<3.39E-04	<3.33E-04	<3.33E-04
T-214		<4.55E-05	<4.58E-05	<4.47E-05	<4.55E-05	<4.26E-05	<4.56E-05	<4.26E-05	0.00038	<4.26E-05	0.00016	<4.47E-05	<4.55E-05	<4.47E-05	0.00011
T-301		<8.73E-05	<8.79E-05	0.00024	0.00051	<8.17E-05	<8.76E-05	<8.17E-05	0.00023	<8.17E-05	0.00076	0.00175	<8.73E-05	0.00028	<8.58E-05
T-302		<4.69E-05	<4.72E-05	0.00011	0.00013	<4.38E-05	<4.70E-05	<4.38E-05	<4.73E-05	<4.38E-05	0.00023	0.00142	0.00010	<4.60E-05	0.00011
T-303		<4.94E-05	<4.97E-05	<4.85E-05	0.00037	<4.62E-05	0.00041	<4.62E-05	<4.99E-05	<4.62E-05	0.00049	0.00066	<4.94E-05	<4.85E-05	0.00024
T-304		0.00015	<4.68E-05	<4.57E-05	0.00046	0.00044	0.00126	0.00055	0.00093	<4.35E-05	0.00079	0.00058	0.00020	<4.57E-05	<4.57E-05
T-305		0.00011	<4.41E-05	0.00017	0.00149	0.00171	<4.40E-05	0.00160	0.00018	0.00139	0.00026	0.00164	0.00053	0.00028	<4.31E-05
T-306		0.00020	<4.35E-05	0.00024	0.00405	0.00444	<4.34E-05	0.00234	<4.37E-05	0.00304	0.00066	<4.25E-05	0.00135	0.00048	0.00019
T-307		0.00028	0.00036	0.00028	0.00346	0.00058	<4.33E-05	0.00201	0.00014	0.00576	0.00069	0.00022	0.00117	0.00305	<4.24E-05
T-308		<4.31E-05	<4.34E-05	0.00016	0.00296	0.00119	0.00311	0.00084	0.00020	0.00123	0.00057	0.00362	<4.31E-05	0.00033	<4.24E-05
T-309		<4.24E-05	<4.26E-05	<4.16E-05	<4.24E-05	<3.96E-05	<4.25E-05	<3.96E-05	<4.28E-05	<3.96E-05	<4.26E-05	<4.16E-05	<4.24E-05	<4.16E-05	<4.16E-05
T-310		0.00134	0.03471	0.00065	0.00885	0.01902	0.00813	0.01257	0.00059	0.01598	0.00213	0.01006	0.00336	0.00086	<8.36E-05
T-311		<5.36E-05	0.00092	0.00017	<5.36E-05	0.00016	<5.38E-05	<5.02E-05	<5.42E-05	0.00013	0.00017	0.00023	<5.36E-05	<5.27E-05	<5.27E-05
T-312		0.00050	<5.67E-05	0.00037	0.00199	0.00878	<5.65E-05	0.00411	0.00041	0.00366	0.00093	0.00136	0.00126	0.00052	<5.54E-05
T-313		0.00053	<4.90E-05	0.00027	0.00027	0.00108	<4.88E-05	0.00089	0.00030	0.00064	0.00048	0.00095	0.00058	0.00039	<4.78E-05
T-314		<4.51E-05	<4.53E-05	<4.42E-05	<4.51E-05	<4.21E-05	<4.52E-05	<4.21E-05	<4.55E-05	<4.21E-05	<4.53E-05	<4.43E-05	<4.51E-05	<4.42E-05	0.00011
T-401		<5.42E-05	0.00069	<5.32E-05	<5.42E-05	<5.07E-05	<5.44E-05	<5.07E-05	<5.48E-05	<5.07E-05	<5.46E-05	<5.33E-05	<5.42E-05	<5.32E-05	<5.33E-05
T-402		0.00028	<8.67E-05	<8.46E-05	<8.61E-05	<8.06E-05	<8.63E-05	<8.06E-05	0.00021	<8.06E-05	<8.67E-05	<8.47E-05	<8.61E-05	<8.46E-05	<8.46E-05
T-403		0.00043	0.00026	<1.27E-04	<1.30E-04	0.00422	<1.30E-04	0.00392	<1.31E-04	0.00043	<1.30E-04	<1.27E-04	<1.30E-04	<1.27E-04	0.00027
T-404		0.00928	0.00339	0.00186	0.00653	0.00029	<5.15E-05	0.00022	0.00865	0.00014	0.00320	<5.04E-05	0.00600	0.00034	<5.04E-05
T-405		<4.37E-05	<4.40E-05	<4.30E-05	<4.37E-05	<4.09E-05	<4.39E-05	<4.09E-05	<4.42E-05	<4.09E-05	<4.40E-05	<4.30E-05	<4.37E-05	<4.30E-05	<4.30E-05
T-406		<6.96E-05	<7.00E-05	<6.84E-05	<6.96E-05	<6.51E-05	<6.98E-05	<6.51E-05	<7.03E-05	0.00021	<7.00E-05	<6.84E-05	<6.96E-05	<6.84E-05	0.00028
T-407		<8.32E-05	<8.37E-05	<8.17E-05	<8.32E-05	<7.78E-05	<8.34E-05	<7.78E-05	<8.40E-05	<7.78E-05	<8.37E-05	<8.18E-05	<8.32E-05	<8.17E-05	<8.17E-05
T-408		<6.68E-05	<6.72E-05	<6.56E-05	<6.68E-05	<6.25E-05	<6.70E-05	<6.25E-05	<6.75E-05	<6.25E-05	<6.72E-05	<6.57E-05	<6.68E-05	<6.56E-05	<6.56E-05
T-409		<6.31E-05	0.00074	0.00017	<6.31E-05	<5.90E-05	<6.32E-05	<5.90E-05	<6.37E-05	0.00033	<6.35E-05	<6.20E-05	<6.31E-05	<6.19E-05	0.00049
T-410		<4.61E-05	0.00050	<4.53E-05	<4.61E-05	<4.32E-05	<4.63E-05	<4.32E-05	<4.66E-05	<4.32E-05	<4.64E-05	0.00009	<4.61E-05	<4.53E-05	<4.53E-05
T-411		<5.05E-05	<5.09E-05	0.00028	<5.05E-05	<4.73E-05	<5.07E-05	<4.73E-05	<5.10E-05	<4.73E-05	<5.09E-05	<4.97E-05	<5.05E-05	<4.96E-05	<4.96E-05
T-412		<4.73E-05	<4.76E-05	<4.65E-05	<4.73E-05	<4.42E-05	<4.74E-05	0.00017	0.00012	<4.42E-05	<4.76E-05	<4.65E-05	<4.73E-05	<4.65E-05	<4.65E-05
T-413		<6.45E-05	0.00029	0.00022	<6.45E-05	<6.03E-05	<6.47E-05	<6.03E-05	<6.51E-05	<6.03E-05	<6.49E-05	<6.34E-05	<6.45E-05	<6.33E-05	<6.34E-05
T-414		<4.51E-05	<4.53E-05	<4.42E-05	<4.51E-05	<4.21E-05	<4.52E-05	<4.21E-05	<4.55E-05	<4.21E-05	<4.53E-05	<4.43E-05	<4.51E-05	<4.42E-05	<4.43E-05
T-501		<8.91E-05	<8.97E-05	<8.75E-05	<8.91E-05	<8.34E-05	<8.94E-05	<8.34E-05	<9.00E-05	<8.34E-05	<8.97E-05	<8.76E-05	<8.91E-05	<8.75E-05	<8.76E-05
T-502		0.00050	0.00014	0.00044	<5.25E-05	<4.91E-05	<5.26E-05	<4.91E-05	0.00026	0.00011	<5.28E-05	<5.16E-05	<5.25E-05	0.00014	0.00026
T-503		0.00019	0.00035	0.00087	<6.08E-05	<5.69E-05	0.00019	<5.69E-05	0.00038	0.00033	0.00030	<5.98E-05	0.00013	0.00023	<5.98E-05
T-504		0.00970	<4.70E-05	0.00219	0.00251	0.00245	0.00172	0.00149	0.00066	0.00058	0.00057	0.00018	0.00139	<4.59E-05	0.00028
T-505		<4.24E-05	0.00030	<4.16E-05	<4.24E-05	0.00011	<4.25E-05	<3.96E-05	0.00009	<3.96E-05	<4.26E-05	<4.16E-05	<4.24E-05	<4.16E-05	<4.16E-05
T-506		<5.65E-05	0.00046	<5.55E-05	<5.65E-05	<5.28E-05	<5.66E-05	<5.28E-05	0.00017	<5.28E-05	<5.68E-05	<5.55E-05	<5.65E-05	<5.55E-05	<5.55E-05
T-507		<4.43E-05	<4.46E-05	<4.35E-05	<4.43E-05	<4.15E-05	<4.45E-05	<4.15E-05	<4.48E-05	<4.15E-05	<4.46E-05	<4.36E-05	<4.43E-05	<4.35E-05	<4.36E-05
T-508		<7.13E-05	<7.17E-05	<7.00E-05	<7.13E-05	<6.67E-05	<7.15E-05	<6.67E-05	<7.20E-05	<6.67E-05	<7.17E-05	<7.00E-05	<7.13E-05	<7.00E-05	<7.00E-05
T-509		<7.02E-05	0.00023	<6.89E-05	<7.02E-05	<6.56E-05	<7.03E-05	<6.56E-05	<7.09E-05	<6.56E-05	0.00040	<6.90E-05	<7.02E-05	<6.89E-05	<6.89E-05
T-510		<4.54E-05	<4.57E-05	<4.46E-05	<4.54E-05	<4.25E-05	<4.55E-05	<4.25E-05	<4.59E-05	<4.25E-05	<4.57E-05	<4.46E-05	<4.54E-05	<4.46E-05	0.00015

Sample ID	Compound	2-Methylpentane	2,4-Dimethylpentane	1,4-Diethylbenzene	2,3-Dimethylbutane	1,2,3-Trimethylbenzene	2,2-Dimethylbutane	c-2-Butene	Undecane	i-Butane	Dodecane	Acetylene
	CAS	107-83-5	108-08-7	105-05-5	79-29-8	526-73-8	75-83-2	590-18-1	1120-21-4	75-28-5	112-40-3	74-86-2
	MW	86.2	100.2	134.2	86.2	120.2	86.2	56.1	156.3	58.1	170.3	26
Lab Data (ppbv)												
T-101		1.03	1.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-102		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-103		1.63	1.13	3.02	ND	9.74	ND	ND	ND	ND	ND	ND
T-104		4.04	3.35	ND	ND	4.68	1.05	2.51	ND	ND	ND	ND
T-105		ND	ND	0.8	ND	ND	ND	ND	ND	ND	ND	ND
T-106		ND	ND	ND	ND	0.62	ND	ND	ND	ND	ND	ND
T-107		ND	0.62	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-108		ND	ND	ND	ND	1.04	ND	ND	ND	ND	ND	ND
T-109		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-110		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-111		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-112		ND	ND	ND	ND	ND	0.68	ND	ND	ND	ND	ND
T-113		0.93	ND	2.17	ND	ND	ND	ND	ND	ND	ND	ND
T-114		ND	ND	ND	ND	ND	ND	ND	ND	1.47	ND	ND
T-201		0.94	ND	ND	ND	ND	ND	ND	0.79	ND	ND	ND
T-202		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-203		ND	4.74	ND	ND	ND	ND	ND	0.43	ND	ND	ND
T-204		ND	30.26	0.69	43.3	ND	6.61	ND	ND	ND	ND	ND
T-205		2.14	1.01	ND	ND	ND	0.8	ND	ND	ND	ND	ND
T-206		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-207		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-208		ND	ND	0.83	ND	ND	ND	ND	1.45	ND	ND	ND
T-209		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-210		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-211		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-212		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-213		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-214		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-301		ND	ND	ND	4.58	ND	ND	1.39	0.47	ND	ND	ND
T-302		ND	ND	ND	2.65	ND	ND	1.46	ND	ND	ND	ND
T-303		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-304		0.94	ND	ND	ND	5.4	ND	3.46	ND	2.46	ND	ND
T-305		1.53	0.67	3.85	1.23	7.31	0.89	1.16	ND	ND	ND	ND
T-306		3.49	0.63	6.22	2.58	ND	ND	1.87	ND	ND	ND	ND
T-307		2.87	ND	5.29	1.77	15.6	ND	1.82	ND	ND	ND	ND
T-308		1.5	1.25	1.56	ND	ND	1.81	3.89	ND	2.63	ND	ND
T-309		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-310		2.16	2.01	6.71	ND	ND	ND	ND	ND	3.14	ND	ND
T-311		ND	ND	ND	ND	0.76	ND	ND	ND	ND	ND	ND
T-312		3.18	1	18.41	ND	ND	ND	1.19	5.04	ND	ND	ND
T-313		2.03	0.85	2.08	ND	ND	ND	ND	ND	ND	ND	ND
T-314		ND	ND	ND	ND	0.77	ND	ND	ND	ND	ND	ND
T-401		19.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-402		ND	ND	ND	0.86	ND	ND	ND	ND	ND	ND	ND
T-403		ND	ND	ND	ND	ND	ND	ND	2.12	ND	ND	ND
T-404		25.88	12.97	7.78	ND	6.79	9.14	1.89	ND	ND	1.09	ND
T-405		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-406		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-407		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-408		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-409		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-410		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-411		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-412		ND	ND	ND	ND	ND	ND	ND	0.77	ND	ND	ND
T-413		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-414		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-501		ND	ND	ND	ND	ND	ND	1.09	ND	ND	ND	ND
T-502		0.86	ND	0.83	ND	ND	ND	ND	ND	ND	ND	ND
T-503		1.63	0.91	ND	1.36	ND	1.29	1.4	ND	ND	ND	ND
T-504		2.54	9.27	2.93	ND	1.53	0.7	ND	ND	ND	ND	ND
T-505		ND	ND	ND	ND	ND	0.72	ND	ND	ND	ND	ND
T-506		ND	ND	ND	ND	ND	0.74	ND	ND	ND	ND	ND
T-507		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-508		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-509		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-510		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Sample ID	Compound	2-Methylpentane	2,4-Dimethylpentane	1,4-Diethylbenzene	2,3-Dimethylbutane	1,2,3-Trimethylbenzene	2,2-Dimethylbutane	c-2-Butene	Undecane	i-Butane	Dodecane	Acetylene
	CAS	107-83-5	108-08-7	105-05-5	79-29-8	526-73-8	75-83-2	590-18-1	1120-21-4	75-28-5	112-40-3	74-86-2
	MW	86.2	100.2	134.2	86.2	120.2	86.2	56.1	156.3	58.1	170.3	26
MDL (ppbv)												
T-101		0.99	0.85	0.59	0.99	0.66	0.99	1.48	0.54	1.48	0.49	2.97
T-102		0.85	0.73	0.51	0.85	0.57	0.85	1.27	0.46	1.27	0.42	2.54
T-103		0.95	0.81	0.57	0.95	0.63	0.95	1.43	0.52	1.43	0.48	2.85
T-104		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-105		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-106		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-107		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-108		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-109		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-110		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-111		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-112		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-113		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-114		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-201		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-202		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-203		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-204		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-205		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-206		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-207		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-208		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-209		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-210		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-211		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-212		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-213		0.91	0.78	0.54	0.91	0.60	0.91	1.36	0.49	1.36	0.45	2.72
T-214		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-301		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-302		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-303		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-304		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-305		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-306		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-307		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-308		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-309		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-310		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-311		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-312		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-313		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-314		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-401		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-402		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-403		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-404		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-405		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-406		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-407		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-408		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-409		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-410		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-411		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-412		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-413		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-414		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-501		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-502		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-503		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-504		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-505		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-506		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-507		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00
T-508		1.07	0.92	0.64	1.07	0.72	1.07	1.61	0.59	1.61	0.54	3.22
T-509		1.06	0.91	0.64	1.06	0.71	1.06	1.60	0.58	1.60	0.53	3.19
T-510		0.67	0.57	0.40	0.67	0.44	0.67	1.00	0.36	1.00	0.33	2.00

Sample ID	Compound	2-Methylpentane	2,4-Dimethylpentane	1,4-Diethylbenzene	2,3-Dimethylbutane	1,2,3-Trimethylbenzene	2,2-Dimethylbutane	c-2-Butene	Undecane	i-Butane	Dodecane	Acetylene
	CAS	107-83-5	108-08-7	105-05-5	79-29-8	526-73-8	75-83-2	590-18-1	1120-21-4	75-28-5	112-40-3	74-86-2
	MW	86.2	100.2	134.2	86.2	120.2	86.2	56.1	156.3	58.1	170.3	26
Data Used (ug/m3)												
T-101		3.46	4.73	<1.55E+00	<1.66E+00	<1.54E+00	<1.66E+00	<1.62E+00	<1.64E+00	<1.68E+00	<1.64E+00	<1.50E+00
T-102		<1.43E+00	<1.42E+00	<1.33E+00	<1.43E+00	<1.33E+00	<1.43E+00	<1.39E+00	<1.41E+00	<1.44E+00	<1.41E+00	<1.29E+00
T-103		5.58	4.49	16.09	<1.63E+00	46.47	<1.63E+00	<1.59E+00	<1.61E+00	<1.64E+00	<1.61E+00	<1.47E+00
T-104		13.62	13.13	<1.05E+00	<1.12E+00	22.01	3.54	5.51	<1.11E+00	<1.14E+00	<1.11E+00	<1.02E+00
T-105		<1.13E+00	<1.13E+00	4.22	<1.13E+00	<1.05E+00	<1.13E+00	<1.10E+00	<1.12E+00	<1.14E+00	<1.12E+00	<1.02E+00
T-106		<1.12E+00	<1.12E+00	<1.05E+00	<1.12E+00	2.91	<1.12E+00	<1.09E+00	<1.11E+00	<1.13E+00	<1.11E+00	<1.01E+00
T-107		<1.12E+00	2.41	<1.04E+00	<1.12E+00	<1.04E+00	<1.12E+00	<1.09E+00	<1.10E+00	<1.13E+00	<1.10E+00	<1.01E+00
T-108		<1.12E+00	<1.12E+00	<1.05E+00	<1.12E+00	4.87	<1.12E+00	<1.09E+00	<1.11E+00	<1.13E+00	<1.11E+00	<1.01E+00
T-109		<1.11E+00	<1.11E+00	<1.04E+00	<1.11E+00	<1.04E+00	<1.11E+00	<1.09E+00	<1.10E+00	<1.13E+00	<1.10E+00	<1.01E+00
T-110		<1.12E+00	<1.11E+00	<1.04E+00	<1.12E+00	<1.04E+00	<1.12E+00	<1.09E+00	<1.10E+00	<1.13E+00	<1.10E+00	<1.01E+00
T-111		<1.11E+00	<1.11E+00	<1.04E+00	<1.11E+00	<1.04E+00	<1.11E+00	<1.09E+00	<1.10E+00	<1.13E+00	<1.10E+00	<1.01E+00
T-112		<1.08E+00	<1.08E+00	<1.01E+00	<1.08E+00	<1.01E+00	2.21	<1.06E+00	<1.07E+00	<1.10E+00	<1.07E+00	<9.81E-01
T-113		3.02	<1.08E+00	10.98	<1.08E+00	<1.01E+00	<1.08E+00	<1.06E+00	<1.07E+00	<1.10E+00	<1.07E+00	<9.81E-01
T-114		<1.18E+00	<1.17E+00	<1.10E+00	<1.18E+00	<1.10E+00	<1.18E+00	<1.15E+00	<1.17E+00	3.50	<1.16E+00	<1.07E+00
T-201		3.25	<1.15E+00	<1.08E+00	<1.15E+00	<1.07E+00	<1.15E+00	<1.12E+00	4.95	<1.16E+00	<1.14E+00	<1.04E+00
T-202		<1.15E+00	<1.15E+00	<1.08E+00	<1.15E+00	<1.07E+00	<1.15E+00	<1.13E+00	<1.14E+00	<1.17E+00	<1.14E+00	<1.04E+00
T-203		<1.14E+00	18.85	<1.07E+00	<1.14E+00	<1.06E+00	<1.14E+00	<1.11E+00	2.67	<1.15E+00	<1.13E+00	<1.03E+00
T-204		<1.15E+00	121.00	3.70	148.95	<1.07E+00	22.74	<1.12E+00	<1.13E+00	<1.16E+00	<1.13E+00	<1.04E+00
T-205		7.22	3.96	<1.05E+00	<1.12E+00	<1.05E+00	2.70	<1.10E+00	<1.11E+00	<1.14E+00	<1.11E+00	<1.02E+00
T-206		<1.09E+00	<1.08E+00	<1.01E+00	<1.09E+00	<1.01E+00	<1.09E+00	<1.06E+00	<1.07E+00	<1.10E+00	<1.07E+00	<9.82E-01
T-207		<1.13E+00	<1.12E+00	<1.05E+00	<1.13E+00	<1.05E+00	<1.13E+00	<1.10E+00	<1.11E+00	<1.14E+00	<1.11E+00	<1.02E+00
T-208		<1.09E+00	<1.08E+00	4.21	<1.09E+00	<1.01E+00	<1.09E+00	<1.06E+00	8.56	<1.10E+00	<1.07E+00	<9.82E-01
T-209		<1.12E+00	<1.12E+00	<1.05E+00	<1.12E+00	<1.05E+00	<1.12E+00	<1.10E+00	<1.11E+00	<1.14E+00	<1.11E+00	<1.02E+00
T-210		<1.12E+00	<1.12E+00	<1.05E+00	<1.12E+00	<1.04E+00	<1.12E+00	<1.09E+00	<1.11E+00	<1.13E+00	<1.11E+00	<1.01E+00
T-211		<1.12E+00	<1.12E+00	<1.05E+00	<1.12E+00	<1.04E+00	<1.12E+00	<1.09E+00	<1.11E+00	<1.13E+00	<1.11E+00	<1.01E+00
T-212		<1.11E+00	<1.10E+00	<1.04E+00	<1.11E+00	<1.03E+00	<1.11E+00	<1.08E+00	<1.10E+00	<1.12E+00	<1.09E+00	<1.00E+00
T-213		<1.50E+00	<1.50E+00	<1.41E+00	<1.50E+00	<1.40E+00	<1.50E+00	<1.47E+00	<1.49E+00	<1.52E+00	<1.49E+00	<1.36E+00
T-214		<1.18E+00	<1.17E+00	<1.10E+00	<1.18E+00	<1.10E+00	<1.18E+00	<1.15E+00	<1.17E+00	<1.19E+00	<1.16E+00	<1.07E+00
T-301		<1.15E+00	<1.15E+00	<1.08E+00	15.81	<1.07E+00	<1.15E+00	3.12	2.94	<1.16E+00	<1.14E+00	<1.04E+00
T-302		<1.16E+00	<1.16E+00	<1.08E+00	9.23	<1.08E+00	<1.16E+00	3.31	<1.15E+00	<1.17E+00	<1.15E+00	<1.05E+00
T-303		<1.16E+00	<1.15E+00	<1.08E+00	<1.16E+00	<1.08E+00	<1.16E+00	<1.13E+00	<1.14E+00	<1.17E+00	<1.14E+00	<1.05E+00
T-304		3.24	<1.14E+00	<1.07E+00	<1.15E+00	25.95	<1.15E+00	7.76	<1.14E+00	5.71	<1.13E+00	<1.04E+00
T-305		5.21	2.65	20.40	4.19	34.69	3.03	2.57	<1.12E+00	<1.15E+00	<1.12E+00	<1.03E+00
T-306		11.85	2.49	32.89	8.76	<1.05E+00	<1.13E+00	4.13	<1.12E+00	<1.14E+00	<1.12E+00	<1.02E+00
T-307		9.73	<1.13E+00	27.92	6.00	73.76	<1.13E+00	4.02	<1.12E+00	<1.14E+00	<1.12E+00	<1.02E+00
T-308		5.08	4.92	8.22	<1.13E+00	<1.05E+00	6.13	8.57	<1.12E+00	6.00	<1.11E+00	<1.02E+00
T-309		<1.11E+00	<1.10E+00	<1.04E+00	<1.11E+00	<1.03E+00	<1.11E+00	<1.08E+00	<1.10E+00	<1.12E+00	<1.09E+00	<1.00E+00
T-310		7.25	7.84	35.04	<1.12E+00	<1.04E+00	<1.12E+00	<1.09E+00	<1.11E+00	7.10	<1.10E+00	<1.01E+00
T-311		<1.10E+00	<1.10E+00	<1.03E+00	<1.10E+00	3.50	<1.10E+00	<1.07E+00	<1.09E+00	<1.11E+00	<1.09E+00	<9.96E-01
T-312		10.54	3.85	94.97	<1.10E+00	<1.03E+00	<1.10E+00	2.57	30.28	<1.12E+00	<1.09E+00	<9.99E-01
T-313		6.73	3.27	10.73	<1.10E+00	<1.03E+00	<1.10E+00	<1.08E+00	<1.09E+00	<1.12E+00	<1.09E+00	<9.99E-01
T-314		<1.18E+00	<1.17E+00	<1.10E+00	<1.18E+00	3.80	<1.18E+00	<1.15E+00	<1.17E+00	<1.19E+00	<1.16E+00	<1.07E+00
T-401		68.82	<1.16E+00	<1.08E+00	<1.16E+00	<1.08E+00	<1.16E+00	<1.13E+00	<1.15E+00	<1.17E+00	<1.15E+00	<1.05E+00
T-402		<1.14E+00	<1.14E+00	<1.07E+00	2.95	<1.06E+00	<1.14E+00	<1.12E+00	<1.13E+00	<1.16E+00	<1.13E+00	<1.03E+00
T-403		<1.15E+00	<1.14E+00	<1.07E+00	<1.15E+00	<1.07E+00	<1.15E+00	<1.12E+00	13.25	<1.16E+00	<1.13E+00	<1.04E+00
T-404		91.35	53.22	42.76	<1.18E+00	33.42	32.26	4.34	<1.16E+00	<1.19E+00	7.60	<1.06E+00
T-405		<1.14E+00	<1.14E+00	<1.07E+00	<1.14E+00	<1.06E+00	<1.14E+00	<1.12E+00	<1.13E+00	<1.16E+00	<1.13E+00	<1.04E+00
T-406		<1.13E+00	<1.13E+00	<1.06E+00	<1.13E+00	<1.05E+00	<1.13E+00	<1.10E+00	<1.12E+00	<1.14E+00	<1.12E+00	<1.02E+00
T-407		<1.12E+00	<1.12E+00	<1.05E+00	<1.12E+00	<1.05E+00	<1.12E+00	<1.10E+00	<1.11E+00	<1.14E+00	<1.11E+00	<1.02E+00
T-408		<1.14E+00	<1.14E+00	<1.07E+00	<1.14E+00	<1.06E+00	<1.14E+00	<1.11E+00	<1.13E+00	<1.15E+00	<1.13E+00	<1.03E+00
T-409		<1.11E+00	<1.11E+00	<1.04E+00	<1.11E+00	<1.04E+00	<1.11E+00	<1.09E+00	<1.10E+00	<1.13E+00	<1.10E+00	<1.01E+00
T-410		<1.12E+00	<1.12E+00	<1.05E+00	<1.12E+00	<1.04E+00	<1.12E+00	<1.10E+00	<1.11E+00	<1.13E+00	<1.11E+00	<1.02E+00
T-411		<1.11E+00	<1.11E+00	<1.04E+00	<1.11E+00	<1.03E+00	<1.11E+00	<1.08E+00	<1.10E+00	<1.12E+00	<1.10E+00	<1.00E+00
T-412		<1.11E+00	<1.11E+00	<1.04E+00	<1.11E+00	<1.04E+00	<1.11E+00	<1.09E+00	4.67	<1.13E+00	<1.10E+00	<1.01E+00
T-413		<1.11E+00	<1.11E+00	<1.04E+00	<1.11E+00	<1.04E+00	<1.11E+00	<1.09E+00	<1.10E+00	<1.13E+00	<1.10E+00	<1.01E+00
T-414		<1.18E+00	<1.17E+00	<1.10E+00	<1.18E+00	<1.10E+00	<1.18E+00	<1.15E+00	<1.17E+00	<1.19E+00	<1.16E+00	<1.07E+00
T-501		<1.15E+00	<1.14E+00	<1.07E+00	<1.15E+00	<1.07E+00	<1.15E+00	2.44	<1.14E+00	<1.16E+00	<1.13E+00	<1.04E+00
T-502		2.92	<1.13E+00	4.39	<1.13E+00	<1.05E+00	<1.13E+00	<1.11E+00	<1.12E+00	<1.14E+00	<1.12E+00	<1.02E+00
T-503		5.58	3.62	<1.07E+00	4.65	<1.06E+00	4.41	3.12	<1.13E+00	<1.15E+00	<1.13E+00	<1.03E+00
T-504		8.66	36.73	15.55	<1.14E+00	7.27	2.39	<1.11E+00	<1.12E+00	<1.15E+00	<1.12E+00	<1.03E+00
T-505		<1.11E+00	<1.10E+00	<1.04E+00	<1.11E+00	<1.03E+00	2.39	<1.08E+00	<1.10E+00	<1.12E+00	<1.09E+00	<1.00E+00
T-506		<1.12E+00	<1.11E+00	<1.04E+00	<1.12E+00	<1.04E+00	2.48	<1.09E+00	<1.10E+00	<1.13E+00	<1.10E+00	<1.01E+00
T-507		<1.15E+00	<1.14E+00	<1.07E+00	<1.15E+00	<1.07E+00	<1.15E+00	<1.12E+00	<1.14E+00	<1.16E+00	<1.13E+00	<1.04E+00
T-508		<1.81E+00	<1.80E+00	<1.69E+00	<1.81E+00	<1.68E+00	<1.81E+00	<1.77E+00	<1.79E+00	<1.83E+00	<1.79E+00	<1.64E+00
T-509		<1.80E+00	<1.79E+00	<1.68E+00	<1.80E+00	<1.67E+00	<1.80E+00	<1.75E+00	<1.78E+00	<1.82E+00	<1.77E+00	<1.62E+00
T-510		<1.18E+00	<1.17E+00	<1.10E+00	<1.18E+00	<1.10E+00	<1.18E+00	<1.15E+00	<1.17E+00	<1.19E+00	<1.16E+00	<1.07E+00

Temp.		273.15	0.0821
oF	oC	oK	RT
103	39.4	312.6	25.7
102	38.9	312.0	25.6
93	33.9	307.0	25.2
101	38.3	311.5	25.6
98	36.7	309.8	25.4
103	39.4	312.6	25.7
105	40.6	313.7	25.7
103	39.4	312.6	25.7
106	41.1	314.3	25.8
105	40.6	313.7	25.7
106	41.1	314.3	25.8
122	50.0	323.2	26.5
122	50.0	323.2	26.5
75	23.9	297.0	24.4
88	31.1	304.3	25.0
87	30.6	303.7	24.9
93	33.9	307.0	25.2
90	32.2	305.4	25.1
101	38.3	311.5	25.6
121	49.4	322.6	26.5
100	37.8	310.9	25.5
121	49.4	322.6	26.5
101	38.3	311.5	25.6
103	39.4	312.6	25.7
103	39.4	312.6	25.7
109	42.8	315.9	25.9
109	42.8	315.9	25.9
75	23.9	297.0	24.4
88	31.1	304.3	25.0
83	28.3	301.5	24.7
85	29.4	302.6	24.8
89	31.7	304.8	25.0
96	35.6	308.7	25.3
97	36.1	309.3	25.4
98	36.7	309.8	25.4
99	37.2	310.4	25.5
109	42.8	315.9	25.9
104	40.0	313.2	25.7
113	45.0	318.2	26.1
111	43.9	317.0	26.0
111	43.9	317.0	26.0
75	23.9	297.0	24.4
83	28.3	301.5	24.7
92	33.3	306.5	25.1
89	31.7	304.8	25.0
76	24.4	297.6	24.4
91	32.8	305.9	25.1
98	36.7	309.8	25.4
101	38.3	311.5	25.6
93	33.9	307.0	25.2
106	41.1	314.3	25.8
102	38.9	312.0	25.6
108	42.2	315.4	25.9
106	41.1	314.3	25.8
106	41.1	314.3	25.8
75	23.9	297.0	24.4
89	31.7	304.8	25.0
97	36.1	309.3	25.4
93	33.9	307.0	25.2
95	35.0	308.2	25.3
109	42.8	315.9	25.9
105	40.6	313.7	25.7
89	31.7	304.8	25.0
101	38.3	311.5	25.6
101	38.3	311.5	25.6
75	23.9	297.0	24.4

Sample ID	Compound	2-Methylpentane	2,4-Dimethylpentane	1,4-Diethylbenzene	2,3-Dimethylbutane	1,2,3-Trimethylbenzene	2,2-Dimethylbutane	c-2-Butene	Undecane	i-Butane	Dodecane	Acetylene	
	CAS	107-83-5	108-08-7	105-05-5	79-29-8	526-73-8	75-83-2	590-18-1	1120-21-4	75-28-5	112-40-3	74-86-2	
	MW	86.2	100.2	134.2	86.2	120.2	86.2	56.1	156.3	58.1	170.3	26	
Flux (mg/m2-min)													**Flow (m3/min)**
T-101		0.00064	0.00088	<2.89E-04	<3.09E-04	<2.87E-04	<3.09E-04	<3.02E-04	<3.06E-04	<3.12E-04	<3.05E-04	<2.80E-04	0.024
T-102		<1.55E-04	<1.54E-04	<1.45E-04	<1.55E-04	<1.44E-04	<1.55E-04	<1.51E-04	<1.53E-04	<1.57E-04	<1.53E-04	<1.40E-04	0.014
T-103		0.00064	0.00051	0.00184	<1.86E-04	0.00531	<1.86E-04	<1.82E-04	<1.84E-04	<1.88E-04	<1.84E-04	<1.68E-04	0.015
T-104		0.00219	0.00211	<1.69E-04	<1.80E-04	0.00353	0.00057	0.00088	<1.78E-04	<1.82E-04	<1.78E-04	<1.63E-04	0.021
T-105		<5.08E-05	<5.06E-05	0.00019	<5.08E-05	<4.72E-05	<5.08E-05	<4.96E-05	<5.02E-05	<5.14E-05	<5.02E-05	<4.60E-05	0.006
T-106		<5.31E-05	<5.29E-05	<4.96E-05	<5.31E-05	0.00014	<5.31E-05	<5.18E-05	<5.25E-05	<5.37E-05	<5.24E-05	<4.80E-05	0.006
T-107		<1.02E-04	0.00022	<9.50E-05	<1.02E-04	<9.46E-05	<1.02E-04	<9.93E-05	<1.01E-04	<1.03E-04	<1.00E-04	<9.20E-05	0.012
T-108		<5.68E-05	<5.66E-05	<5.30E-05	<5.68E-05	0.00025	<5.68E-05	<5.54E-05	<5.61E-05	<5.74E-05	<5.61E-05	<5.14E-05	0.007
T-109		<7.91E-05	<7.88E-05	<7.39E-05	<7.91E-05	<7.35E-05	<7.91E-05	<7.72E-05	<7.82E-05	<8.00E-05	<7.81E-05	<7.16E-05	0.009
T-110		<1.06E-04	<1.06E-04	<9.90E-05	<1.06E-04	<9.85E-05	<1.06E-04	<1.03E-04	<1.05E-04	<1.07E-04	<1.05E-04	<9.59E-05	0.012
T-111		<4.40E-04	<4.38E-04	<4.11E-04	<4.40E-04	<4.09E-04	<4.40E-04	<4.29E-04	<4.35E-04	<4.45E-04	<4.34E-04	<3.98E-04	0.051
T-112		<1.79E-04	<1.78E-04	<1.67E-04	<1.79E-04	<1.66E-04	0.00037	<1.75E-04	<1.77E-04	<1.81E-04	<1.77E-04	<1.62E-04	0.021
T-113		0.00030	<1.06E-04	0.00107	<1.06E-04	<9.86E-05	<1.06E-04	<1.03E-04	<1.05E-04	<1.07E-04	<1.05E-04	<9.59E-05	0.013
T-114		<4.78E-05	<4.77E-05	<4.47E-05	<4.78E-05	<4.45E-05	<4.78E-05	<4.67E-05	<4.73E-05	0.00014	<4.73E-05	<4.33E-05	0.005
T-201		0.00012	<4.41E-05	<4.13E-05	<4.43E-05	<4.11E-05	<4.43E-05	<4.32E-05	0.00019	<4.48E-05	<4.37E-05	<4.01E-05	0.005
T-202		<4.43E-05	<4.42E-05	<4.14E-05	<4.43E-05	<4.12E-05	<4.43E-05	<4.33E-05	<4.39E-05	<4.48E-05	<4.38E-05	<4.01E-05	0.005
T-203		<8.46E-05	0.00140	<7.90E-05	<8.46E-05	<7.86E-05	<8.46E-05	<8.26E-05	0.00020	<8.55E-05	<8.35E-05	<7.65E-05	0.010
T-204		<8.50E-05	0.00897	0.00027	0.01105	<7.90E-05	0.00169	<8.30E-05	<8.41E-05	<8.60E-05	<8.40E-05	<7.69E-05	0.010
T-205		0.00050	0.00027	<7.22E-05	<7.73E-05	<7.18E-05	0.00019	<7.54E-05	<7.64E-05	<7.81E-05	<7.63E-05	<6.99E-05	0.009
T-206		<4.65E-05	<4.64E-05	<4.35E-05	<4.65E-05	<4.33E-05	<4.65E-05	<4.54E-05	<4.60E-05	<4.71E-05	<4.60E-05	<4.21E-05	0.006
T-207		<1.03E-04	<1.03E-04	<9.61E-05	<1.03E-04	<9.56E-05	<1.03E-04	<1.00E-04	<1.02E-04	<1.04E-04	<1.02E-04	<9.31E-05	0.012
T-208		<6.82E-05	<6.79E-05	0.00026	<6.82E-05	<6.34E-05	<6.82E-05	<6.65E-05	0.00054	<6.89E-05	<6.73E-05	<6.17E-05	0.008
T-209		<9.35E-05	<9.32E-05	<8.74E-05	<9.35E-05	<8.69E-05	<9.35E-05	<9.13E-05	<9.25E-05	<9.45E-05	<9.24E-05	<8.46E-05	0.011
T-210		<1.14E-04	<1.14E-04	<1.07E-04	<1.14E-04	<1.06E-04	<1.14E-04	<1.11E-04	<1.13E-04	<1.15E-04	<1.13E-04	<1.03E-04	0.013
T-211		<1.59E-04	<1.59E-04	<1.49E-04	<1.59E-04	<1.48E-04	<1.59E-04	<1.56E-04	<1.58E-04	<1.61E-04	<1.58E-04	<1.44E-04	0.019
T-212		<2.50E-04	<2.49E-04	<2.33E-04	<2.50E-04	<2.32E-04	<2.50E-04	<2.44E-04	<2.47E-04	<2.52E-04	<2.47E-04	<2.26E-04	0.029
T-213		<3.41E-04	<3.40E-04	<3.19E-04	<3.41E-04	<3.17E-04	<3.41E-04	<3.33E-04	<3.38E-04	<3.45E-04	<3.37E-04	<3.09E-04	0.030
T-214		<4.58E-05	<4.56E-05	<4.28E-05	<4.58E-05	<4.26E-05	<4.58E-05	<4.47E-05	<4.53E-05	<4.63E-05	<4.52E-05	<4.14E-05	0.005
T-301		<8.79E-05	<8.76E-05	<8.21E-05	0.00121	<8.17E-05	<8.79E-05	0.00024	0.00022	<8.89E-05	<8.68E-05	<7.95E-05	0.010
T-302		<4.72E-05	<4.70E-05	<4.40E-05	0.00037	<4.38E-05	<4.72E-05	0.00013	<4.66E-05	<4.77E-05	<4.66E-05	<4.27E-05	0.005
T-303		<4.97E-05	<4.95E-05	<4.64E-05	<4.97E-05	<4.62E-05	<4.97E-05	<4.85E-05	<4.91E-05	<5.02E-05	<4.91E-05	<4.49E-05	0.006
T-304		0.00013	<4.67E-05	<4.38E-05	<4.68E-05	0.00106	<4.68E-05	0.00032	<4.63E-05	0.00023	<4.63E-05	<4.24E-05	0.005
T-305		0.00020	0.00010	0.00079	0.00016	0.00135	0.00012	0.00010	<4.36E-05	<4.46E-05	<4.36E-05	<3.99E-05	0.005
T-306		0.00046	0.00010	0.00127	0.00034	<4.05E-05	<4.35E-05	0.00016	<4.31E-05	<4.40E-05	<4.30E-05	<3.94E-05	0.005
T-307		0.00037	<4.33E-05	0.00107	0.00023	0.00284	<4.35E-05	0.00015	<4.30E-05	<4.39E-05	<4.29E-05	<3.93E-05	0.005
T-308		0.00020	0.00019	0.00032	<4.34E-05	<4.03E-05	0.00024	0.00033	<4.29E-05	0.00023	<4.29E-05	<3.93E-05	0.005
T-309		<4.26E-05	<4.25E-05	<3.98E-05	<4.26E-05	<3.96E-05	<4.26E-05	<4.16E-05	<4.22E-05	<4.31E-05	<4.21E-05	<3.86E-05	0.005
T-310		0.00056	0.00060	0.00269	<8.57E-05	<7.97E-05	<8.57E-05	<8.36E-05	<8.47E-05	0.00054	<8.46E-05	<7.75E-05	0.010
T-311		<5.40E-05	<5.38E-05	<5.04E-05	<5.40E-05	0.00017	<5.40E-05	<5.27E-05	<5.34E-05	<5.46E-05	<5.33E-05	<4.88E-05	0.006
T-312		0.00054	0.00020	0.00488	<5.67E-05	<5.27E-05	<5.67E-05	0.00013	0.00155	<5.73E-05	<5.60E-05	<5.13E-05	0.007
T-313		0.00030	0.00015	0.00048	<4.90E-05	<4.55E-05	<4.90E-05	<4.78E-05	<4.85E-05	<4.95E-05	<4.84E-05	<4.43E-05	0.006
T-314		<4.53E-05	<4.52E-05	<4.24E-05	<4.53E-05	0.00015	<4.53E-05	<4.43E-05	<4.48E-05	<4.58E-05	<4.48E-05	<4.10E-05	0.005
T-401		0.00323	<5.44E-05	<5.10E-05	<5.46E-05	<5.07E-05	<5.46E-05	<5.33E-05	<5.40E-05	<5.52E-05	<5.39E-05	<4.94E-05	0.006
T-402		<8.67E-05	<8.63E-05	<8.10E-05	0.00022	<8.06E-05	<8.67E-05	<8.46E-05	<8.57E-05	<8.76E-05	<8.56E-05	<7.84E-05	0.010
T-403		<1.30E-04	<1.30E-04	<1.22E-04	<1.30E-04	<1.21E-04	<1.30E-04	<1.27E-04	0.00150	<1.32E-04	<1.29E-04	<1.18E-04	0.015
T-404		0.00401	0.00234	0.00188	<5.16E-05	0.00147	0.00142	0.00019	<5.11E-05	<5.22E-05	0.00033	<4.67E-05	0.006
T-405		<4.40E-05	<4.39E-05	<4.11E-05	<4.40E-05	<4.09E-05	<4.40E-05	<4.30E-05	<4.35E-05	<4.45E-05	<4.35E-05	<3.98E-05	0.005
T-406		<7.00E-05	<6.98E-05	<6.54E-05	<7.00E-05	<6.51E-05	<7.00E-05	<6.84E-05	<6.93E-05	<7.08E-05	<6.92E-05	<6.34E-05	0.008
T-407		<8.37E-05	<8.34E-05	<7.82E-05	<8.37E-05	<7.78E-05	<8.37E-05	<8.17E-05	<8.28E-05	<8.46E-05	<8.27E-05	<7.57E-05	0.010
T-408		<6.72E-05	<6.70E-05	<6.28E-05	<6.72E-05	<6.25E-05	<6.72E-05	<6.56E-05	<6.65E-05	<6.80E-05	<6.64E-05	<6.08E-05	0.008
T-409		<6.35E-05	<6.32E-05	<5.93E-05	<6.35E-05	<5.90E-05	<6.35E-05	<6.20E-05	<6.28E-05	<6.42E-05	<6.27E-05	<5.74E-05	0.007
T-410		<4.64E-05	<4.63E-05	<4.34E-05	<4.64E-05	<4.32E-05	<4.64E-05	<4.53E-05	<4.59E-05	<4.69E-05	<4.59E-05	<4.20E-05	0.005
T-411		<5.09E-05	<5.07E-05	<4.75E-05	<5.09E-05	<4.73E-05	<5.09E-05	<4.96E-05	<5.03E-05	<5.14E-05	<5.02E-05	<4.60E-05	0.006
T-412		<4.76E-05	<4.74E-05	<4.45E-05	<4.76E-05	<4.42E-05	<4.76E-05	<4.65E-05	0.00020	<4.81E-05	<4.70E-05	<4.31E-05	0.006
T-413		<6.49E-05	<6.47E-05	<6.06E-05	<6.49E-05	<6.03E-05	<6.49E-05	<6.34E-05	<6.42E-05	<6.56E-05	<6.41E-05	<5.87E-05	0.008
T-414		<4.53E-05	<4.52E-05	<4.24E-05	<4.53E-05	<4.21E-05	<4.53E-05	<4.43E-05	<4.48E-05	<4.58E-05	<4.48E-05	<4.10E-05	0.005
T-501		<8.97E-05	<8.94E-05	<8.38E-05	<8.97E-05	<8.34E-05	<8.97E-05	0.00019	<8.87E-05	<9.07E-05	<8.86E-05	<8.12E-05	0.010
T-502		0.00014	<5.26E-05	0.00020	<5.28E-05	<4.91E-05	<5.28E-05	<5.15E-05	<5.22E-05	<5.34E-05	<5.22E-05	<4.78E-05	0.006
T-503		0.00030	0.00019	<5.72E-05	0.00025	<5.69E-05	0.00024	0.00017	<6.06E-05	<6.19E-05	<6.05E-05	<5.54E-05	0.007
T-504		0.00036	0.00152	0.00064	<4.70E-05	0.00030	0.00010	<4.59E-05	<4.65E-05	<4.75E-05	<4.64E-05	<4.25E-05	0.005
T-505		<4.26E-05	<4.25E-05	<3.98E-05	<4.26E-05	<3.96E-05	0.00009	<4.16E-05	<4.22E-05	<4.31E-05	<4.21E-05	<3.86E-05	0.005
T-506		<5.68E-05	<5.66E-05	<5.31E-05	<5.68E-05	<5.28E-05	0.00013	<5.55E-05	<5.62E-05	<5.75E-05	<5.62E-05	<5.14E-05	0.007
T-507		<4.46E-05	<4.45E-05	<4.17E-05	<4.46E-05	<4.15E-05	<4.46E-05	<4.36E-05	<4.41E-05	<4.51E-05	<4.41E-05	<4.04E-05	0.005
T-508		<7.17E-05	<7.15E-05	<6.70E-05	<7.17E-05	<6.67E-05	<7.17E-05	<7.00E-05	<7.09E-05	<7.25E-05	<7.08E-05	<6.49E-05	0.005
T-509		<7.06E-05	<7.03E-05	<6.60E-05	<7.06E-05	<6.56E-05	<7.06E-05	<6.89E-05	<6.98E-05	<7.14E-05	<6.97E-05	<6.39E-05	0.005
T-510		<4.57E-05	<4.55E-05	<4.27E-05	<4.57E-05	<4.25E-05	<4.57E-05	<4.46E-05	<4.52E-05	<4.62E-05	<4.51E-05	<4.14E-05	0.005

Sample ID	Total Reduced Sulfurs	Hydrogen Sulfide	Dimethyl Sulfide	Total Unidentified Sulfur	Isopropyl Mercaptan	sec-Butyl Mercaptan / Thiophene	Dimethyl Disulfide	iso-Butyl Mercaptan	3-Methylthiophene	2-Methylthiophene	Methyl Mercaptan	Tetrahydrothiophene	tert-Butyl Mercaptan	Bromothiophene	n-Propyl Mercaptan	COS / SO2
CAS	7783-06-4	7783-06-4	75-18-3	7783-06-4	75-33-2	513-53-1	624-92-0	513-44-0	616-44-4	554-14-3	74-93-1	110-01-0	75-66-1	1003-09-4	107-03-9	463-58-1
MW	34.08	34.08	62.134	34.08	76.16	90.186	94.19	90.186	98.17	98.16	48.11	88.17	90.186	163.04	76.16	60.08
Lab Data (ppmv)																
S-101a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-102a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-103a	0.056	0.005	0.029	0.016	ND	ND	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-104a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-105a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-106a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-107a	0.012	ND	0.012	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-108a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-109a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-110a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-111a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-112a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-113a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-114a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-201a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-202a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-203a	0.681	0.014	0.013	0.296	0.264	0.043	ND	0.041	ND	ND	0.011	ND	ND	ND	ND	ND
S-204a	2.43	1.92	0.011	0.04	0.203	0.172	ND	0.029	ND	ND	0.019	ND	0.018	ND	0.011	0.009
S-205a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-211a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-212a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-213a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-214a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-206a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-207a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-208a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-209a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-210a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-301a	0.019	ND	0.019	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-302a	0.039	ND	0.034	ND	ND	ND	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-303a	0.02	ND	0.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-304a	0.036	ND	0.036	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-305a	0.33	ND	0.144	0.09	0.008	0.014	0.046	ND	0.006	0.022	ND	ND	ND	ND	ND	ND
S-306a	0.333	ND	0.17	0.1	ND	0.013	0.036	ND	ND	0.006	ND	0.008	ND	ND	ND	ND
S-307a	0.463	ND	0.256	0.116	ND	0.018	0.035	ND	0.027	ND	ND	0.011	ND	ND	ND	ND
S-308a	0.198	ND	0.129	0.014	0.008	0.013	0.022	ND	ND	ND	ND	ND	ND	0.012	ND	ND
S-309a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-310a	0.303	ND	0.122	0.112	ND	0.011	0.053	ND	ND	0.005	ND	ND	ND	ND	ND	ND
S-311a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-312a	0.054	ND	0.019	0.014	ND	ND	0.014	ND	ND	0.007	ND	ND	ND	ND	ND	ND
S-313a	0.047	ND	0.024	0.006	ND	ND	0.01	ND	0.007	ND	ND	ND	ND	ND	ND	ND
S-314a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-401a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-402a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-403a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-404a	0.031	ND	0.008	0.023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-405a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-406a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-407a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-408a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-409a	0.017	0.008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-410a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-411a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-412a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-413a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-414a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-501a	0.011	0.011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-502a	0.01	0.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-503a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-504a	0.017	0.017	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-505a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-506a	0.007	0.007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-507a	0.005	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-508a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-509a	0.011	0.011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S-510a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Sample ID	Total Reduced Sulfurs	Hydrogen Sulfide	Dimethyl Sulfide	Total Unidentified Sulfur	Isopropyl Mercaptan	sec-Butyl Mercaptan / Thiophene	Dimethyl Disulfide	iso-Butyl Mercaptan	3-Methylthiophene	2-Methylthiophene	Methyl Mercaptan	Tetrahydrothiophene	tert-Butyl Mercaptan	Bromothiophene	n-Propyl Mercaptan	COS / SO2
CAS	7783-06-4	7783-06-4	75-18-3	7783-06-4	75-33-2	513-53-1	624-92-0	513-44-0	616-44-4	554-14-3	74-93-1	110-01-0	75-66-1	1003-09-4	107-03-9	463-58-1
MW	34.08	34.08	62.134	34.08	76.16	90.186	94.19	90.186	98.17	98.16	48.11	88.17	90.186	163.04	76.16	60.08
MDL (ppmv)																
S-101a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-102a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-103a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-104a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-105a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-106a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-107a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-108a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-109a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-110a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-111a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-112a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-113a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-114a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-201a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-202a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-203a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-204a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-205a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-211a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-212a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-213a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-214a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-206a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-207a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-208a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-209a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-210a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-301a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-302a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-303a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-304a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-305a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-306a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-307a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-308a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-309a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-310a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-311a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-312a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-313a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-314a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-401a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-402a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-403a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-404a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-405a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-406a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-407a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-408a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-409a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-410a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-411a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-412a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-413a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-414a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-501a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-502a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-503a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-504a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-505a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-506a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-507a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-508a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-509a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-510a	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005

Sample ID	CAS	Total Reduced Sulfurs	Hydrogen Sulfide	Dimethyl Sulfide	Total Unidentified Sulfur	Isopropyl Mercaptan	sec-Butyl Mercaptan / Thiophene	Dimethyl Disulfide	iso-Butyl Mercaptan	3-Methylthiophene	2-Methylthiophene	Methyl Mercaptan	Tetrahydrothiophene	tert-Butyl Mercaptan	Bromothiophene	n-Propyl Mercaptan	COS / SO2
	CAS	7783-06-4	7783-06-4	75-18-3	7783-06-4	75-33-2	513-53-1	624-92-0	513-44-0	616-44-4	554-14-3	74-93-1	110-01-0	75-66-1	1003-09-4	107-03-9	463-58-1
	MW	34.08	34.08	62.134	34.08	76.16	90.186	94.19	90.186	98.17	98.16	48.11	88.17	90.186	163.04	76.16	60.08
Data Used mg/m3)																	
S-101a		<3.32E-03	<3.32E-03	<6.06E-03	<3.32E-03	<7.42E-03	<8.79E-03	<9.18E-03	<8.79E-03	<9.57E-03	<9.57E-03	<4.69E-03	<8.59E-03	<8.79E-03	<1.59E-02	<7.42E-03	<5.86E-03
S-102a		<3.33E-03	<3.33E-03	<6.07E-03	<3.33E-03	<7.44E-03	<8.81E-03	<9.20E-03	<8.81E-03	<9.59E-03	<9.58E-03	<4.70E-03	<8.61E-03	<8.81E-03	<1.59E-02	<7.44E-03	<5.87E-03
S-103a		0.0757	0.0068	0.0715	0.0216	<7.56E-03	<8.95E-03	0.0187	<8.95E-03	<9.74E-03	<9.74E-03	<4.77E-03	<8.75E-03	<8.95E-03	<1.62E-02	<7.56E-03	<5.96E-03
S-104a		<3.33E-03	<3.33E-03	<6.08E-03	<3.33E-03	<7.45E-03	<8.82E-03	<9.21E-03	<8.82E-03	<9.60E-03	<9.60E-03	<4.71E-03	<8.62E-03	<8.82E-03	<1.59E-02	<7.45E-03	<5.88E-03
S-105a		<3.35E-03	<3.35E-03	<6.11E-03	<3.35E-03	<7.49E-03	<8.87E-03	<9.26E-03	<8.87E-03	<9.65E-03	<9.65E-03	<4.73E-03	<8.67E-03	<8.87E-03	<1.60E-02	<7.49E-03	<5.91E-03
S-106a		<3.32E-03	<3.32E-03	<6.06E-03	<3.32E-03	<7.42E-03	<8.79E-03	<9.18E-03	<8.79E-03	<9.57E-03	<9.57E-03	<4.69E-03	<8.59E-03	<8.79E-03	<1.59E-02	<7.42E-03	<5.86E-03
S-107a		0.0159	<3.31E-03	0.0290	<3.31E-03	<7.40E-03	<8.76E-03	<9.15E-03	<8.76E-03	<9.53E-03	<9.53E-03	<4.67E-03	<8.56E-03	<8.76E-03	<1.58E-02	<7.40E-03	<5.83E-03
S-108a		<3.32E-03	<3.32E-03	<6.06E-03	<3.32E-03	<7.42E-03	<8.79E-03	<9.18E-03	<8.79E-03	<9.57E-03	<9.57E-03	<4.69E-03	<8.59E-03	<8.79E-03	<1.59E-02	<7.42E-03	<5.86E-03
S-109a		<3.30E-03	<3.30E-03	<6.02E-03	<3.30E-03	<7.38E-03	<8.74E-03	<9.13E-03	<8.74E-03	<9.52E-03	<9.52E-03	<4.66E-03	<8.55E-03	<8.74E-03	<1.58E-02	<7.38E-03	<5.82E-03
S-110a		<3.31E-03	<3.31E-03	<6.03E-03	<3.31E-03	<7.40E-03	<8.76E-03	<9.15E-03	<8.76E-03	<9.53E-03	<9.53E-03	<4.67E-03	<8.56E-03	<8.76E-03	<1.58E-02	<7.40E-03	<5.83E-03
S-111a		<3.30E-03	<3.30E-03	<6.02E-03	<3.30E-03	<7.38E-03	<8.74E-03	<9.13E-03	<8.74E-03	<9.52E-03	<9.52E-03	<4.66E-03	<8.55E-03	<8.74E-03	<1.58E-02	<7.38E-03	<5.82E-03
S-112a		<3.21E-03	<3.21E-03	<5.86E-03	<3.21E-03	<7.18E-03	<8.50E-03	<8.88E-03	<8.50E-03	<9.26E-03	<9.25E-03	<4.54E-03	<8.31E-03	<8.50E-03	<1.54E-02	<7.18E-03	<5.66E-03
S-113a		<3.21E-03	<3.21E-03	<5.86E-03	<3.21E-03	<7.18E-03	<8.50E-03	<8.88E-03	<8.50E-03	<9.26E-03	<9.25E-03	<4.54E-03	<8.31E-03	<8.50E-03	<1.54E-02	<7.18E-03	<5.66E-03
S-114a		<3.50E-03	<3.50E-03	<6.37E-03	<3.50E-03	<7.81E-03	<9.25E-03	<9.66E-03	<9.25E-03	<1.01E-02	<1.01E-02	<4.93E-03	<9.04E-03	<9.25E-03	<1.67E-02	<7.81E-03	<6.16E-03
S-201a		<3.41E-03	<3.41E-03	<6.22E-03	<3.41E-03	<7.63E-03	<9.03E-03	<9.43E-03	<9.03E-03	<9.83E-03	<9.83E-03	<4.82E-03	<8.83E-03	<9.03E-03	<1.63E-02	<7.63E-03	<6.02E-03
S-202a		<3.42E-03	<3.42E-03	<6.23E-03	<3.42E-03	<7.64E-03	<9.05E-03	<9.45E-03	<9.05E-03	<9.85E-03	<9.85E-03	<4.83E-03	<8.84E-03	<9.05E-03	<1.64E-02	<7.64E-03	<6.03E-03
S-203a		0.9212	0.0189	0.0321	0.4004	0.7980	0.1539	<9.35E-03	0.1468	<9.74E-03	<9.74E-03	0.0210	<8.75E-03	<8.95E-03	<1.62E-02	<7.56E-03	<5.96E-03
S-204a		3.3049	2.6113	0.0273	0.0544	0.6170	0.6190	<9.40E-03	0.1044	<9.79E-03	<9.79E-03	0.0365	<8.80E-03	0.0648	<1.63E-02	0.0334	0.0216
S-205a		<3.33E-03	<3.33E-03	<6.08E-03	<3.33E-03	<7.45E-03	<8.82E-03	<9.21E-03	<8.82E-03	<9.60E-03	<9.60E-03	<4.71E-03	<8.62E-03	<8.82E-03	<1.59E-02	<7.45E-03	<5.88E-03
S-211a		<3.22E-03	<3.22E-03	<5.87E-03	<3.22E-03	<7.19E-03	<8.52E-03	<8.90E-03	<8.52E-03	<9.27E-03	<9.27E-03	<4.54E-03	<8.33E-03	<8.52E-03	<1.54E-02	<7.19E-03	<5.67E-03
S-212a		<3.34E-03	<3.34E-03	<6.09E-03	<3.34E-03	<7.46E-03	<8.84E-03	<9.23E-03	<8.84E-03	<9.62E-03	<9.62E-03	<4.71E-03	<8.64E-03	<8.84E-03	<1.60E-02	<7.46E-03	<5.89E-03
S-213a		<3.22E-03	<3.22E-03	<5.87E-03	<3.22E-03	<7.19E-03	<8.52E-03	<8.90E-03	<8.52E-03	<9.27E-03	<9.27E-03	<4.54E-03	<8.33E-03	<8.52E-03	<1.54E-02	<7.19E-03	<5.67E-03
S-214a		<3.33E-03	<3.33E-03	<6.08E-03	<3.33E-03	<7.45E-03	<8.82E-03	<9.21E-03	<8.82E-03	<9.60E-03	<9.60E-03	<4.71E-03	<8.62E-03	<8.82E-03	<1.59E-02	<7.45E-03	<5.88E-03
S-206a		<3.32E-03	<3.32E-03	<6.06E-03	<3.32E-03	<7.42E-03	<8.79E-03	<9.18E-03	<8.79E-03	<9.57E-03	<9.57E-03	<4.69E-03	<8.59E-03	<8.79E-03	<1.59E-02	<7.42E-03	<5.86E-03
S-207a		<3.32E-03	<3.32E-03	<6.06E-03	<3.32E-03	<7.42E-03	<8.79E-03	<9.18E-03	<8.79E-03	<9.57E-03	<9.57E-03	<4.69E-03	<8.59E-03	<8.79E-03	<1.59E-02	<7.42E-03	<5.86E-03
S-208a		<3.29E-03	<3.29E-03	<5.99E-03	<3.29E-03	<7.34E-03	<8.70E-03	<9.08E-03	<8.70E-03	<9.47E-03	<9.47E-03	<4.64E-03	<8.50E-03	<8.70E-03	<1.57E-02	<7.34E-03	<5.79E-03
S-209a		<3.29E-03	<3.29E-03	<5.99E-03	<3.29E-03	<7.34E-03	<8.70E-03	<9.08E-03	<8.70E-03	<9.47E-03	<9.47E-03	<4.64E-03	<8.50E-03	<8.70E-03	<1.57E-02	<7.34E-03	<5.79E-03
S-210a		<3.50E-03	<3.50E-03	<6.37E-03	<3.50E-03	<7.81E-03	<9.25E-03	<9.66E-03	<9.25E-03	<1.01E-02	<1.01E-02	<4.93E-03	<9.04E-03	<9.25E-03	<1.67E-02	<7.81E-03	<6.16E-03
S-301a		0.0259	<3.41E-03	0.0473	<3.41E-03	<7.63E-03	<9.03E-03	<9.43E-03	<9.03E-03	<9.83E-03	<9.83E-03	<4.82E-03	<8.83E-03	<9.03E-03	<1.63E-02	<7.63E-03	<6.02E-03
S-302a		0.0537	<3.44E-03	0.0854	<3.44E-03	<7.70E-03	<9.11E-03	0.0190	<9.11E-03	<9.92E-03	<9.92E-03	<4.86E-03	<8.91E-03	<9.11E-03	<1.65E-02	<7.70E-03	<6.07E-03
S-303a		0.0275	<3.43E-03	0.0500	<3.43E-03	<7.67E-03	<9.08E-03	<9.48E-03	<9.08E-03	<9.88E-03	<9.88E-03	<4.84E-03	<8.88E-03	<9.08E-03	<1.64E-02	<7.67E-03	<6.05E-03
S-304a		0.0491	<3.41E-03	0.0894	<3.41E-03	<7.61E-03	<9.01E-03	<9.41E-03	<9.01E-03	<9.81E-03	<9.81E-03	<4.81E-03	<8.81E-03	<9.01E-03	<1.63E-02	<7.61E-03	<6.01E-03
S-305a		0.4440	<3.36E-03	0.3532	0.1211	0.0241	0.0498	0.1710	<8.90E-03	0.0233	0.0853	<4.75E-03	<8.70E-03	<8.90E-03	<1.61E-02	<7.52E-03	<5.93E-03
S-306a		0.4472	<3.36E-03	0.4162	0.1343	<7.50E-03	0.0462	0.1336	<8.88E-03	<9.67E-03	0.0232	<4.74E-03	0.0278	<8.88E-03	<1.61E-02	<7.50E-03	<5.92E-03
S-307a		0.6207	<3.35E-03	0.6257	0.1555	<7.49E-03	0.0639	0.1297	<8.87E-03	0.1043	<9.65E-03	<4.73E-03	0.0381	<8.87E-03	<1.60E-02	<7.49E-03	<5.91E-03
S-308a		0.2650	<3.35E-03	0.3147	0.0187	0.0239	0.0460	0.0814	<8.85E-03	<9.64E-03	<9.64E-03	<4.72E-03	<8.65E-03	<8.85E-03	0.0768	<7.48E-03	<5.90E-03
S-309a		<3.29E-03	<3.29E-03	<5.99E-03	<3.29E-03	<7.34E-03	<8.70E-03	<9.08E-03	<8.70E-03	<9.47E-03	<9.47E-03	<4.64E-03	<8.50E-03	<8.70E-03	<1.57E-02	<7.34E-03	<5.79E-03
S-310a		0.4019	<3.32E-03	0.2950	0.1485	<7.41E-03	0.0386	0.1943	<8.77E-03	<9.55E-03	0.0191	<4.68E-03	<8.58E-03	<8.77E-03	<1.59E-02	<7.41E-03	<5.85E-03
S-311a		<3.26E-03	<3.26E-03	<5.95E-03	<3.26E-03	<7.29E-03	<8.64E-03	<9.02E-03	<8.64E-03	<9.40E-03	<9.40E-03	<4.61E-03	<8.44E-03	<8.64E-03	<1.56E-02	<7.29E-03	<5.75E-03
S-312a		0.0707	<3.27E-03	0.0454	0.0183	<7.32E-03	<8.67E-03	0.0507	<8.67E-03	<9.43E-03	0.0264	<4.62E-03	<8.47E-03	<8.67E-03	<1.57E-02	<7.32E-03	<5.77E-03
S-313a		0.0616	<3.27E-03	0.0573	0.0079	<7.32E-03	<8.67E-03	0.0362	<8.67E-03	0.0264	<9.43E-03	<4.62E-03	<8.47E-03	<8.67E-03	<1.57E-02	<7.32E-03	<5.77E-03
S-314a		<3.50E-03	<3.50E-03	<6.37E-03	<3.50E-03	<7.81E-03	<9.25E-03	<9.66E-03	<9.25E-03	<1.01E-02	<1.01E-02	<4.93E-03	<9.04E-03	<9.25E-03	<1.67E-02	<7.81E-03	<6.16E-03
S-401a		<3.44E-03	<3.44E-03	<6.28E-03	<3.44E-03	<7.70E-03	<9.11E-03	<9.52E-03	<9.11E-03	<9.92E-03	<9.92E-03	<4.86E-03	<8.91E-03	<9.11E-03	<1.65E-02	<7.70E-03	<6.07E-03
S-402a		<3.39E-03	<3.39E-03	<6.18E-03	<3.39E-03	<7.57E-03	<8.97E-03	<9.36E-03	<8.97E-03	<9.76E-03	<9.76E-03	<4.78E-03	<8.76E-03	<8.97E-03	<1.62E-02	<7.57E-03	<5.97E-03
S-403a		<3.41E-03	<3.41E-03	<6.21E-03	<3.41E-03	<7.61E-03	<9.01E-03	<9.41E-03	<9.01E-03	<9.81E-03	<9.81E-03	<4.81E-03	<8.81E-03	<9.01E-03	<1.63E-02	<7.61E-03	<6.01E-03
S-404a		0.0433	<3.49E-03	0.0204	0.0321	<7.80E-03	<9.23E-03	<9.64E-03	<9.23E-03	<1.01E-02	<1.00E-02	<4.93E-03	<9.03E-03	<9.23E-03	<1.67E-02	<7.80E-03	<6.15E-03
S-405a		<3.39E-03	<3.39E-03	<6.19E-03	<3.39E-03	<7.58E-03	<8.98E-03	<9.38E-03	<8.98E-03	<9.78E-03	<9.78E-03	<4.79E-03	<8.78E-03	<8.98E-03	<1.62E-02	<7.58E-03	<5.98E-03
S-406a		<3.35E-03	<3.35E-03	<6.11E-03	<3.35E-03	<7.49E-03	<8.87E-03	<9.26E-03	<8.87E-03	<9.65E-03	<9.65E-03	<4.73E-03	<8.67E-03	<8.87E-03	<1.60E-02	<7.49E-03	<5.91E-03
S-407a		<3.33E-03	<3.33E-03	<6.08E-03	<3.33E-03	<7.45E-03	<8.82E-03	<9.21E-03	<8.82E-03	<9.60E-03	<9.60E-03	<4.71E-03	<8.62E-03	<8.82E-03	<1.59E-02	<7.45E-03	<5.88E-03
S-408a		<3.38E-03	<3.38E-03	<6.17E-03	<3.38E-03	<7.56E-03	<8.95E-03	<9.35E-03	<8.95E-03	<9.74E-03	<9.74E-03	<4.77E-03	<8.75E-03	<8.95E-03	<1.62E-02	<7.56E-03	<5.96E-03
S-409a		0.0225	0.0106	<6.02E-03	<3.30E-03	<7.38E-03	<8.74E-03	<9.13E-03	<8.74E-03	<9.52E-03	<9.52E-03	<4.66E-03	<8.55E-03	<8.74E-03	<1.58E-02	<7.38E-03	<5.82E-03
S-410a		<3.33E-03	<3.33E-03	<6.07E-03	<3.33E-03	<7.44E-03	<8.81E-03	<9.20E-03	<8.81E-03	<9.59E-03	<9.58E-03	<4.70E-03	<8.61E-03	<8.81E-03	<1.59E-02	<7.44E-03	<5.87E-03
S-411a		<3.29E-03	<3.29E-03	<6.00E-03	<3.29E-03	<7.36E-03	<8.71E-03	<9.10E-03	<8.71E-03	<9.48E-03	<9.48E-03	<4.65E-03	<8.52E-03	<8.71E-03	<1.58E-02	<7.36E-03	<5.80E-03
S-412a		<3.30E-03	<3.30E-03	<6.02E-03	<3.30E-03	<7.38E-03	<8.74E-03	<9.13E-03	<8.74E-03	<9.52E-03	<9.52E-03	<4.66E-03	<8.55E-03	<8.74E-03	<1.58E-02	<7.38E-03	<5.82E-03
S-413a		<3.30E-03	<3.30E-03	<6.02E-03	<3.30E-03	<7.38E-03	<8.74E-03	<9.13E-03	<8.74E-03	<9.52E-03	<9.52E-03	<4.66E-03	<8.55E-03	<8.74E-03	<1.58E-02	<7.38E-03	<5.82E-03
S-414a		<3.50E-03	<3.50E-03	<6.37E-03	<3.50E-03	<7.81E-03	<9.25E-03	<9.66E-03	<9.25E-03	<1.01E-02	<1.01E-02	<4.93E-03	<9.04E-03	<9.25E-03	<1.67E-02	<7.81E-03	<6.16E-03
S-501a		0.0150	0.0150	<6.21E-03	<3.41E-03	<7.61E-03	<9.01E-03	<9.41E-03	<9.01E-03	<9.81E-03	<9.81E-03	<4.81E-03	<8.81E-03	<9.01E-03	<1.63E-02	<7.61E-03	<6.01E-03
S-502a		0.0134	0.0134	<6.12E-03	<3.36E-03	<7.50E-03	<8.88E-03	<9.28E-03	<8.88E-03	<9.67E-03	<9.67E-03	<4.74E-03	<8.69E-03	<8.88E-03	<1.61E-02	<7.50E-03	<5.92E-03
S-503a		<3.38E-03	<3.38E-03	<6.17E-03	<3.38E-03	<7.56E-03	<8.95E-03	<9.35E-03	<8.95E-03	<9.74E-03	<9.74E-03	<4.77E-03	<8.75E-03	<8.95E-03	<1.62E-02	<7.56E-03	<5.96E-03
S-504a		0.0229	0.0229	<6.14E-03	<3.37E-03	<7.53E-03	<8.92E-03	<9.31E-03	<8.92E-03	<9.71E-03	<9.70E-03	<4.76E-03	<8.72E-03	<8.92E-03	<1.61E-02	<7.53E-03	<5.94E-03
S-505a		<3.29E-03	<3.29E-03	<5.99E-03	<3.29E-03	<7.34E-03	<8.70E-03	<9.08E-03	<8.70E-03	<9.47E-03	<9.47E-03	<4.64E-03	<8.50E-03	<8.70E-03	<1.57E-02	<7.34E-03	<5.79E-03
S-506a		0.0093	0.0093	<6.03E-03	<3.31E-03	<7.40E-03	<8.76E-03	<9.15E-03	<8.76E-03	<9.53E-03	<9.53E-03	<4.67E-03	<8.56E-03	<8.76E-03	<1.58E-02	<7.40E-03	<5.83E-03
S-507a		0.0068	0.0068	<6.21E-03	<3.41E-03	<7.61E-03	<9.01E-03	<9.41E-03	<9.01E-03	<9.81E-03	<9.81E-03	<4.81E-03	<8.81E-03	<9.01E-03	<1.63E-02	<7.61E-03	<6.01E-03
S-508a		<3.33E-03	<3.33E-03	<6.08E-03	<3.33E-03	<7.45E-03	<8.82E-03	<9.21E-03	<8.82E-03	<9.60E-03	<9.60E-03	<4.71E-03	<8.62E-03	<8.82E-03	<1.59E-02	<7.45E-03	<5.88E-03
S-509a		0.0147	0.0147	<6.08E-03	<3.33E-03	<7.45E-03	<8.82E-03	<9.21E-03	<8.82E-03	<9.60E-03	<9.60E-03	<4.71E-03	<8.62E-03	<8.82E-03	<1.59E-02	<7.45E-03	<5.88E-03
S-510a		<3.50E-03	<3.50E-03	<6.37E-03	<3.50E-03	<7.81E-03	<9.25E-03	<9.66E-03	<9.25E-03	<1.01E-02	<1.01E-02	<4.93E-03	<9.04E-03	<9.25E-03	<1.67E-02	<7.81E-03	<6.16E-03

Sample ID	CAS	Total Reduced Sulfurs	Hydrogen Sulfide	Dimethyl Sulfide	Total Unidentified Sulfur	Isopropyl Mercaptan	sec-Butyl Mercaptan / Thiophene	Dimethyl Disulfide	iso-Butyl Mercaptan	3-Methylthiophene	2-Methylthiophene	Methyl Mercaptan	Tetrahydrothiophene	tert-Butyl Mercaptan	Bromothiophene	n-Propyl Mercaptan	COS / SO2
	MW	34.08	34.08	62.134	34.08	76.16	90.186	94.19	90.186	98.17	98.16	48.11	88.17	90.186	163.04	76.16	60.08
		7783-06-4	7783-06-4	75-18-3	7783-06-4	75-33-2	513-53-1	624-92-0	513-44-0	616-44-4	554-14-3	74-93-1	110-01-0	75-66-1	1003-09-4	107-03-9	463-58-1
Flux (mg/m2-min)																	
S-101a		<6.18E-04	<6.18E-04	<1.13E-03	<6.18E-04	<1.38E-03	<1.63E-03	<1.71E-03	<1.63E-03	<1.78E-03	<1.78E-03	<8.72E-04	<1.60E-03	<1.63E-03	<2.96E-03	<1.38E-03	<1.09E-03
S-102a		<3.61E-04	<3.61E-04	<6.58E-04	<3.61E-04	<8.07E-04	<9.55E-04	<9.98E-04	<9.55E-04	<1.04E-03	<1.04E-03	<5.10E-04	<9.34E-04	<9.55E-04	<1.73E-03	<8.07E-04	<6.36E-04
S-103a		0.00866	0.00077	0.00818	0.00247	<8.64E-04	<1.02E-03	0.00214	<1.02E-03	<1.11E-03	<1.11E-03	<5.46E-04	<1.00E-03	<1.02E-03	<1.85E-03	<8.64E-04	<6.82E-04
S-104a		<5.35E-04	<5.35E-04	<9.76E-04	<5.35E-04	<1.20E-03	<1.42E-03	<1.48E-03	<1.42E-03	<1.54E-03	<1.54E-03	<7.55E-04	<1.38E-03	<1.42E-03	<2.56E-03	<1.20E-03	<9.43E-04
S-105a		<1.51E-04	<1.51E-04	<2.75E-04	<1.51E-04	<3.37E-04	<3.99E-04	<4.16E-04	<3.99E-04	<4.34E-04	<4.34E-04	<2.13E-04	<3.90E-04	<3.99E-04	<7.21E-04	<3.37E-04	<2.66E-04
S-106a		<1.57E-04	<1.57E-04	<2.87E-04	<1.57E-04	<3.52E-04	<4.17E-04	<4.35E-04	<4.17E-04	<4.53E-04	<4.53E-04	<2.22E-04	<4.07E-04	<4.17E-04	<7.53E-04	<3.52E-04	<2.78E-04
S-107a		0.00145	<3.02E-04	0.00264	<3.02E-04	<6.74E-04	<7.98E-04	<8.34E-04	<7.98E-04	<8.69E-04	<8.69E-04	<4.26E-04	<7.80E-04	<7.98E-04	<1.44E-03	<6.74E-04	<5.32E-04
S-108a		<1.68E-04	<1.68E-04	<3.07E-04	<1.68E-04	<3.76E-04	<4.45E-04	<4.65E-04	<4.45E-04	<4.85E-04	<4.85E-04	<2.38E-04	<4.35E-04	<4.45E-04	<8.05E-04	<3.76E-04	<2.97E-04
S-109a		<2.35E-04	<2.35E-04	<4.28E-04	<2.35E-04	<5.24E-04	<6.21E-04	<6.48E-04	<6.21E-04	<6.76E-04	<6.76E-04	<3.31E-04	<6.07E-04	<6.21E-04	<1.12E-03	<5.24E-04	<4.13E-04
S-110a		<3.14E-04	<3.14E-04	<5.73E-04	<3.14E-04	<7.02E-04	<8.32E-04	<8.69E-04	<8.32E-04	<9.05E-04	<9.05E-04	<4.44E-04	<8.13E-04	<8.32E-04	<1.50E-03	<7.02E-04	<5.54E-04
S-111a		<1.30E-03	<1.30E-03	<2.38E-03	<1.30E-03	<2.91E-03	<3.45E-03	<3.60E-03	<3.45E-03	<3.76E-03	<3.76E-03	<1.84E-03	<3.37E-03	<3.45E-03	<6.24E-03	<2.91E-03	<2.30E-03
S-112a		<5.31E-04	<5.31E-04	<9.67E-04	<5.31E-04	<1.19E-03	<1.40E-03	<1.47E-03	<1.40E-03	<1.53E-03	<1.53E-03	<7.49E-04	<1.37E-03	<1.40E-03	<2.54E-03	<1.19E-03	<9.35E-04
S-113a		<3.14E-04	<3.14E-04	<5.73E-04	<3.14E-04	<7.02E-04	<8.32E-04	<8.69E-04	<8.32E-04	<9.06E-04	<9.05E-04	<4.44E-04	<8.13E-04	<8.32E-04	<1.50E-03	<7.02E-04	<5.54E-04
S-114a		<1.42E-04	<1.42E-04	<2.59E-04	<1.42E-04	<3.17E-04	<3.75E-04	<3.92E-04	<3.75E-04	<4.09E-04	<4.09E-04	<2.00E-04	<3.67E-04	<3.75E-04	<6.79E-04	<3.17E-04	<2.50E-04
S-201a		<1.31E-04	<1.31E-04	<2.39E-04	<1.31E-04	<2.93E-04	<3.47E-04	<3.63E-04	<3.47E-04	<3.78E-04	<3.78E-04	<1.85E-04	<3.40E-04	<3.47E-04	<6.28E-04	<2.93E-04	<2.31E-04
S-202a		<1.31E-04	<1.31E-04	<2.40E-04	<1.31E-04	<2.94E-04	<3.48E-04	<3.63E-04	<3.48E-04	<3.79E-04	<3.79E-04	<1.86E-04	<3.40E-04	<3.48E-04	<6.29E-04	<2.94E-04	<2.32E-04
S-203a		0.06831	0.00140	0.00238	0.02969	0.05918	0.01141	<6.93E-04	0.01088	<7.22E-04	<7.22E-04	0.00156	<6.49E-04	<6.64E-04	<1.20E-03	<5.60E-04	<4.42E-04
S-204a		0.24506	0.19363	0.00202	0.00403	0.04575	0.04590	<6.97E-04	0.00774	<7.26E-04	<7.26E-04	0.00270	<6.52E-04	0.00480	<1.21E-03	0.00248	0.00160
S-205a		<2.29E-04	<2.29E-04	<4.18E-04	<2.29E-04	<5.12E-04	<6.06E-04	<6.33E-04	<6.06E-04	<6.60E-04	<6.60E-04	<3.24E-04	<5.93E-04	<6.06E-04	<1.10E-03	<5.12E-04	<4.04E-04
S-211a		<1.38E-04	<1.38E-04	<2.52E-04	<1.38E-04	<3.08E-04	<3.65E-04	<3.81E-04	<3.65E-04	<3.98E-04	<3.98E-04	<1.95E-04	<3.57E-04	<3.65E-04	<6.60E-04	<3.08E-04	<2.43E-04
S-212a		<3.05E-04	<3.05E-04	<5.56E-04	<3.05E-04	<6.82E-04	<8.07E-04	<8.43E-04	<8.07E-04	<8.79E-04	<8.79E-04	<4.31E-04	<7.89E-04	<8.07E-04	<1.46E-03	<6.82E-04	<5.38E-04
S-213a		<2.02E-04	<2.02E-04	<3.69E-04	<2.02E-04	<4.52E-04	<5.35E-04	<5.59E-04	<5.35E-04	<5.82E-04	<5.82E-04	<2.85E-04	<5.23E-04	<5.35E-04	<9.67E-04	<4.52E-04	<3.56E-04
S-214a		<2.77E-04	<2.77E-04	<5.06E-04	<2.77E-04	<6.20E-04	<7.34E-04	<7.66E-04	<7.34E-04	<7.99E-04	<7.99E-04	<3.91E-04	<7.17E-04	<7.34E-04	<1.33E-03	<6.20E-04	<4.89E-04
S-206a		<3.38E-04	<3.38E-04	<6.17E-04	<3.38E-04	<7.56E-04	<8.96E-04	<9.35E-04	<8.96E-04	<9.75E-04	<9.75E-04	<4.78E-04	<8.76E-04	<8.96E-04	<1.62E-03	<7.56E-04	<5.97E-04
S-207a		<4.73E-04	<4.73E-04	<8.62E-04	<4.73E-04	<1.06E-03	<1.25E-03	<1.31E-03	<1.25E-03	<1.36E-03	<1.36E-03	<6.68E-04	<1.22E-03	<1.25E-03	<2.26E-03	<1.06E-03	<8.34E-04
S-208a		<7.40E-04	<7.40E-04	<1.35E-03	<7.40E-04	<1.65E-03	<1.96E-03	<2.05E-03	<1.96E-03	<2.13E-03	<2.13E-03	<1.05E-03	<1.92E-03	<1.96E-03	<3.54E-03	<1.65E-03	<1.31E-03
S-209a		<7.46E-04	<7.46E-04	<1.36E-03	<7.46E-04	<1.67E-03	<1.97E-03	<2.06E-03	<1.97E-03	<2.15E-03	<2.15E-03	<1.05E-03	<1.93E-03	<1.97E-03	<3.57E-03	<1.67E-03	<1.31E-03
S-210a		<1.36E-04	<1.36E-04	<2.47E-04	<1.36E-04	<3.03E-04	<3.59E-04	<3.75E-04	<3.59E-04	<3.91E-04	<3.91E-04	<1.92E-04	<3.51E-04	<3.59E-04	<6.49E-04	<3.03E-04	<2.39E-04
S-301a		0.00198	<2.61E-04	0.00361	<2.61E-04	<5.82E-04	<6.90E-04	<7.20E-04	<6.90E-04	<7.51E-04	<7.51E-04	<3.68E-04	<6.74E-04	<6.90E-04	<1.25E-03	<5.82E-04	<4.60E-04
S-302a		0.00218	<1.40E-04	0.00347	<1.40E-04	<3.12E-04	<3.70E-04	0.00077	<3.70E-04	<4.03E-04	<4.03E-04	<1.97E-04	<3.62E-04	<3.70E-04	<6.69E-04	<3.12E-04	<2.46E-04
S-303a		0.00118	<1.47E-04	0.00215	<1.47E-04	<3.29E-04	<3.90E-04	<4.07E-04	<3.90E-04	<4.24E-04	<4.24E-04	<2.08E-04	<3.81E-04	<3.90E-04	<7.05E-04	<3.29E-04	<2.60E-04
S-304a		0.00200	<1.39E-04	0.00365	<1.39E-04	<3.10E-04	<3.68E-04	<3.84E-04	<3.68E-04	<4.00E-04	<4.00E-04	<1.96E-04	<3.59E-04	<3.68E-04	<6.65E-04	<3.10E-04	<2.45E-04
S-305a		0.01727	<1.31E-04	0.01374	0.00471	0.00094	0.00194	0.00665	<3.46E-04	0.00090	0.00332	<1.85E-04	<3.39E-04	<3.46E-04	<6.26E-04	<2.92E-04	<2.31E-04
S-306a		0.01720	<1.29E-04	0.01601	0.00517	<2.89E-04	0.00178	0.00514	<3.42E-04	<3.72E-04	0.00089	<1.82E-04	0.00107	<3.42E-04	<6.18E-04	<2.89E-04	<2.28E-04
S-307a		0.02387	<1.29E-04	0.02406	0.00598	<2.88E-04	0.00246	0.00499	<3.41E-04	0.00401	<3.71E-04	<1.82E-04	0.00147	<3.41E-04	<6.17E-04	<2.88E-04	<2.27E-04
S-308a		0.01019	<1.29E-04	0.01210	0.00072	0.00092	0.00177	0.00313	<3.40E-04	<3.71E-04	<3.71E-04	<1.82E-04	<3.33E-04	<3.40E-04	0.00295	<2.88E-04	<2.27E-04
S-309a		<1.26E-04	<1.26E-04	<2.30E-04	<1.26E-04	<2.82E-04	<3.35E-04	<3.49E-04	<3.35E-04	<3.64E-04	<3.64E-04	<1.78E-04	<3.27E-04	<3.35E-04	<6.05E-04	<2.82E-04	<2.23E-04
S-310a		0.03079	<2.54E-04	0.02260	0.01138	<5.68E-04	0.00296	0.01489	<6.72E-04	<7.32E-04	0.00146	<3.59E-04	<6.57E-04	<6.72E-04	<1.22E-03	<5.68E-04	<4.48E-04
S-311a		<1.60E-04	<1.60E-04	<2.92E-04	<1.60E-04	<3.58E-04	<4.24E-04	<4.42E-04	<4.24E-04	<4.61E-04	<4.61E-04	<2.26E-04	<4.14E-04	<4.24E-04	<7.66E-04	<3.58E-04	<2.82E-04
S-312a		0.00363	<1.68E-04	0.00233	0.00094	<3.76E-04	<4.45E-04	0.00260	<4.45E-04	<4.84E-04	0.00136	<2.37E-04	<4.35E-04	<4.45E-04	<8.04E-04	<3.76E-04	<2.96E-04
S-313a		0.00273	<1.45E-04	0.00254	0.00035	<3.25E-04	<3.84E-04	0.00161	<3.84E-04	0.00117	<4.18E-04	<2.05E-04	<3.76E-04	<3.84E-04	<6.95E-04	<3.25E-04	<2.56E-04
S-314a		<1.34E-04	<1.34E-04	<2.45E-04	<1.34E-04	<3.00E-04	<3.56E-04	<3.72E-04	<3.56E-04	<3.87E-04	<3.87E-04	<1.90E-04	<3.48E-04	<3.56E-04	<6.43E-04	<3.00E-04	<2.37E-04
S-401a		<1.62E-04	<1.62E-04	<2.95E-04	<1.62E-04	<3.62E-04	<4.28E-04	<4.47E-04	<4.28E-04	<4.66E-04	<4.66E-04	<2.28E-04	<4.19E-04	<4.28E-04	<7.74E-04	<3.62E-04	<2.85E-04
S-402a		<2.57E-04	<2.57E-04	<4.69E-04	<2.57E-04	<5.74E-04	<6.80E-04	<7.10E-04	<6.80E-04	<7.40E-04	<7.40E-04	<3.63E-04	<6.65E-04	<6.80E-04	<1.23E-03	<5.74E-04	<4.53E-04
S-403a		<3.87E-04	<3.87E-04	<7.05E-04	<3.87E-04	<8.65E-04	<1.02E-03	<1.07E-03	<1.02E-03	<1.11E-03	<1.11E-03	<5.46E-04	<1.00E-03	<1.02E-03	<1.85E-03	<8.65E-04	<6.82E-04
S-404a		0.00190	<1.53E-04	0.00089	0.00141	<3.42E-04	<4.05E-04	<4.23E-04	<4.05E-04	<4.41E-04	<4.41E-04	<2.16E-04	<3.96E-04	<4.05E-04	<7.33E-04	<3.42E-04	<2.70E-04
S-405a		<1.31E-04	<1.31E-04	<2.38E-04	<1.31E-04	<2.92E-04	<3.45E-04	<3.61E-04	<3.45E-04	<3.76E-04	<3.76E-04	<1.84E-04	<3.38E-04	<3.45E-04	<6.24E-04	<2.92E-04	<2.30E-04
S-406a		<2.08E-04	<2.08E-04	<3.79E-04	<2.08E-04	<4.64E-04	<5.50E-04	<5.74E-04	<5.50E-04	<5.98E-04	<5.98E-04	<2.93E-04	<5.37E-04	<5.50E-04	<9.94E-04	<4.64E-04	<3.66E-04
S-407a		<2.48E-04	<2.48E-04	<4.53E-04	<2.48E-04	<5.55E-04	<6.57E-04	<6.86E-04	<6.57E-04	<7.15E-04	<7.15E-04	<3.50E-04	<6.42E-04	<6.57E-04	<1.19E-03	<5.55E-04	<4.38E-04
S-408a		<1.99E-04	<1.99E-04	<3.64E-04	<1.99E-04	<4.46E-04	<5.28E-04	<5.51E-04	<5.28E-04	<5.74E-04	<5.74E-04	<2.81E-04	<5.16E-04	<5.28E-04	<9.54E-04	<4.46E-04	<3.52E-04
S-409a		0.00128	0.00060	<3.43E-04	<1.88E-04	<4.21E-04	<4.98E-04	<5.20E-04	<4.98E-04	<5.42E-04	<5.42E-04	<2.66E-04	<4.87E-04	<4.98E-04	<9.00E-04	<4.21E-04	<3.32E-04
S-410a		<1.38E-04	<1.38E-04	<2.51E-04	<1.38E-04	<3.08E-04	<3.64E-04	<3.80E-04	<3.64E-04	<3.97E-04	<3.96E-04	<1.94E-04	<3.56E-04	<3.64E-04	<6.59E-04	<3.08E-04	<2.43E-04
S-411a		<1.51E-04	<1.51E-04	<2.75E-04	<1.51E-04	<3.37E-04	<3.99E-04	<4.17E-04	<3.99E-04	<4.34E-04	<4.34E-04	<2.13E-04	<3.90E-04	<3.99E-04	<7.21E-04	<3.37E-04	<2.66E-04
S-412a		<1.41E-04	<1.41E-04	<2.57E-04	<1.41E-04	<3.15E-04	<3.74E-04	<3.90E-04	<3.74E-04	<4.07E-04	<4.07E-04	<1.99E-04	<3.65E-04	<3.74E-04	<6.75E-04	<3.15E-04	<2.49E-04
S-413a		<1.92E-04	<1.92E-04	<3.51E-04	<1.92E-04	<4.30E-04	<5.09E-04	<5.32E-04	<5.09E-04	<5.54E-04	<5.54E-04	<2.72E-04	<4.98E-04	<5.09E-04	<9.21E-04	<4.30E-04	<3.39E-04
S-414a		<1.34E-04	<1.34E-04	<2.45E-04	<1.34E-04	<3.00E-04	<3.56E-04	<3.72E-04	<3.56E-04	<3.87E-04	<3.87E-04	<1.90E-04	<3.48E-04	<3.56E-04	<6.43E-04	<3.00E-04	<2.37E-04
S-501a		0.00117	0.00117	<4.85E-04	<2.66E-04	<5.94E-04	<7.04E-04	<7.35E-04	<7.04E-04	<7.66E-04	<7.66E-04	<3.76E-04	<6.88E-04	<7.04E-04	<1.27E-03	<5.94E-04	<4.69E-04
S-502a		0.00063	0.00063	<2.85E-04	<1.57E-04	<3.50E-04	<4.14E-04	<4.33E-04	<4.14E-04	<4.51E-04	<4.51E-04	<2.21E-04	<4.05E-04	<4.14E-04	<7.49E-04	<3.50E-04	<2.76E-04
S-503a		<1.82E-04	<1.82E-04	<3.31E-04	<1.82E-04	<4.06E-04	<4.80E-04	<5.02E-04	<4.80E-04	<5.23E-04	<5.23E-04	<2.56E-04	<4.70E-04	<4.80E-04	<8.69E-04	<4.06E-04	<3.20E-04
S-504a		0.00095	0.00095	<2.54E-04	<1.39E-04	<3.12E-04	<3.69E-04	<3.85E-04	<3.69E-04	<4.02E-04	<4.02E-04	<1.97E-04	<3.61E-04	<3.69E-04	<6.67E-04	<3.12E-04	<2.46E-04
S-505a		<1.26E-04	<1.26E-04	<2.30E-04	<1.26E-04	<2.82E-04	<3.35E-04	<3.49E-04	<3.35E-04	<3.64E-04	<3.64E-04	<1.78E-04	<3.27E-04	<3.35E-04	<6.05E-04	<2.82E-04	<2.23E-04
S-506a		0.00047	0.00047	<3.07E-04	<1.69E-04	<3.77E-04	<4.46E-04	<4.66E-04	<4.46E-04	<4.86E-04	<4.85E-04	<2.38E-04	<4.36E-04	<4.46E-04	<8.06E-04	<3.77E-04	<2.97E-04
S-507a		0.00026	0.00026	<2.41E-04	<1.32E-04	<2.96E-04	<3.50E-04	<3.66E-04	<3.50E-04	<3.81E-04	<3.81E-04	<1.87E-04	<3.42E-04	<3.50E-04	<6.33E-04	<2.96E-04	<2.33E-04
S-508a		<1.32E-04	<1.32E-04	<2.41E-04	<1.32E-04	<2.95E-04	<3.49E-04	<3.65E-04	<3.49E-04	<3.80E-04	<3.80E-04	<1.86E-04	<3.42E-04	<3.49E-04	<6.32E-04	<2.95E-04	<2.33E-04
S-509a		0.00058	0.00058	<2.39E-04	<1.31E-04	<2.93E-04	<3.47E-04	<3.62E-04	<3.47E-04	<3.78E-04	<3.78E-04	<1.85E-04	<3.39E-04	<3.47E-04	<6.27E-04	<2.93E-04	<2.31E-04
S-510a		<1.36E-04	<1.36E-04	<2.47E-04	<1.36E-04	<3.03E-04	<3.59E-04	<3.75E-04	<3.59E-04	<3.90E-04	<3.90E-04	<1.91E-04	<3.51E-04	<3.59E-04	<6.48E-04	<3.03E-04	<2.39E-04

Sample ID	CAS	n-Butyl Mercaptan 109-79-5	Ethyl Mercaptan 75-08-1	Carbon Disulfide 75-15-0	Methylethyl sulfide 624-89-5	Diethyl Sulfide 352-93-2	Thiophenol 108-98-5	Diethyl Disulfide 110-81-6
	MW	90.186	62.134	76.14	76.16	90.19	110.18	122.252
Lab Data (pp								
S-101a		ND	ND	ND	ND	ND	ND	ND
S-102a		ND	ND	ND	ND	ND	ND	ND
S-103a		ND	ND	ND	ND	ND	ND	ND
S-104a		ND	ND	ND	ND	ND	ND	ND
S-105a		ND	ND	ND	ND	ND	ND	ND
S-106a		ND	ND	ND	ND	ND	ND	ND
S-107a		ND	ND	ND	ND	ND	ND	ND
S-108a		ND	ND	ND	ND	ND	ND	ND
S-109a		ND	ND	ND	ND	ND	ND	ND
S-110a		ND	ND	ND	ND	ND	ND	ND
S-111a		ND	ND	ND	ND	ND	ND	ND
S-112a		ND	ND	ND	ND	ND	ND	ND
S-113a		ND	ND	ND	ND	ND	ND	ND
S-114a		ND	ND	ND	ND	ND	ND	ND
S-201a		ND	ND	ND	ND	ND	ND	ND
S-202a		ND	ND	ND	ND	ND	ND	ND
S-203a		ND	ND	ND	ND	ND	ND	ND
S-204a		ND	0.008	0.005	ND	ND	ND	ND
S-205a		ND	ND	ND	ND	ND	ND	ND
S-211a		ND	ND	ND	ND	ND	ND	ND
S-212a		ND	ND	ND	ND	ND	ND	ND
S-213a		ND	ND	ND	ND	ND	ND	ND
S-214a		ND	ND	ND	ND	ND	ND	ND
S-206a		ND	ND	ND	ND	ND	ND	ND
S-207a		ND	ND	ND	ND	ND	ND	ND
S-208a		ND	ND	ND	ND	ND	ND	ND
S-209a		ND	ND	ND	ND	ND	ND	ND
S-210a		ND	ND	ND	ND	ND	ND	ND
S-301a		ND	ND	ND	ND	ND	ND	ND
S-302a		ND	ND	ND	ND	ND	ND	ND
S-303a		ND	ND	ND	ND	ND	ND	ND
S-304a		ND	ND	ND	ND	ND	ND	ND
S-305a		ND	ND	ND	ND	ND	ND	ND
S-306a		ND	ND	ND	ND	ND	ND	ND
S-307a		ND	ND	ND	ND	ND	ND	ND
S-308a		ND	ND	ND	ND	ND	ND	ND
S-309a		ND	ND	ND	ND	ND	ND	ND
S-310a		ND	ND	ND	ND	ND	ND	ND
S-311a		ND	ND	ND	ND	ND	ND	ND
S-312a		ND	ND	ND	ND	ND	ND	ND
S-313a		ND	ND	ND	ND	ND	ND	ND
S-314a		ND	ND	ND	ND	ND	ND	ND
S-401a		ND	ND	ND	ND	ND	ND	ND
S-402a		ND	ND	ND	ND	ND	ND	ND
S-403a		ND	ND	ND	ND	ND	ND	ND
S-404a		ND	ND	ND	ND	ND	ND	ND
S-405a		ND	ND	ND	ND	ND	ND	ND
S-406a		ND	ND	ND	ND	ND	ND	ND
S-407a		ND	ND	ND	ND	ND	ND	ND
S-408a		ND	ND	ND	ND	ND	ND	ND
S-409a		0.009	ND	ND	ND	ND	ND	ND
S-410a		ND	ND	ND	ND	ND	ND	ND
S-411a		ND	ND	ND	ND	ND	ND	ND
S-412a		ND	ND	ND	ND	ND	ND	ND
S-413a		ND	ND	ND	ND	ND	ND	ND
S-414a		ND	ND	ND	ND	ND	ND	ND
S-501a		ND	ND	ND	ND	ND	ND	ND
S-502a		ND	ND	ND	ND	ND	ND	ND
S-503a		ND	ND	ND	ND	ND	ND	ND
S-504a		ND	ND	ND	ND	ND	ND	ND
S-505a		ND	ND	ND	ND	ND	ND	ND
S-506a		ND	ND	ND	ND	ND	ND	ND
S-507a		ND	ND	ND	ND	ND	ND	ND
S-508a		ND	ND	ND	ND	ND	ND	ND
S-509a		ND	ND	ND	ND	ND	ND	ND
S-510a		ND	ND	ND	ND	ND	ND	ND

Sample ID	CAS	n-Butyl Mercaptan	Ethyl Mercaptan	Carbon Disulfide	Methylethyl sulfide	Diethyl Sulfide	Thiophenol	Diethyl Disulfide
		109-79-5	75-08-1	75-15-0	624-89-5	352-93-2	108-98-5	110-81-6
	MW	90.186	62.134	76.14	76.16	90.19	110.18	122.252
MDL (ppmv)								
S-101a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-102a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-103a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-104a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-105a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-106a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-107a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-108a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-109a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-110a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-111a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-112a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-113a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-114a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-201a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-202a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-203a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-204a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-205a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-211a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-212a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-213a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-214a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-206a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-207a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-208a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-209a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-210a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-301a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-302a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-303a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-304a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-305a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-306a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-307a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-308a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-309a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-310a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-311a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-312a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-313a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-314a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-401a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-402a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-403a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-404a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-405a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-406a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-407a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-408a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-409a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-410a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-411a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-412a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-413a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-414a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-501a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-502a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-503a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-504a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-505a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-506a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-507a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-508a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-509a		0.005	0.005	0.005	0.005	0.005	0.005	0.005
S-510a		0.005	0.005	0.005	0.005	0.005	0.005	0.005

Sample ID	n-Butyl Mercaptan	Ethyl Mercaptan	Carbon Disulfide	Methylethyl sulfide	Diethyl Sulfide	Thiophenol	Diethyl Disulfide
CAS	109-79-5	75-08-1	75-15-0	624-89-5	352-93-2	108-98-5	110-81-6
MW	90.186	62.134	76.14	76.16	90.19	110.18	122.252
Data Used m							
S-101a	<8.79E-03	<6.06E-03	<7.42E-03	<7.42E-03	<8.79E-03	<1.07E-02	<1.19E-02
S-102a	<8.81E-03	<6.07E-03	<7.43E-03	<7.44E-03	<8.81E-03	<1.08E-02	<1.19E-02
S-103a	<8.95E-03	<6.17E-03	<7.56E-03	<7.56E-03	<8.95E-03	<1.09E-02	<1.21E-02
S-104a	<8.82E-03	<6.08E-03	<7.45E-03	<7.45E-03	<8.82E-03	<1.08E-02	<1.20E-02
S-105a	<8.87E-03	<6.11E-03	<7.49E-03	<7.49E-03	<8.87E-03	<1.08E-02	<1.20E-02
S-106a	<8.79E-03	<6.06E-03	<7.42E-03	<7.42E-03	<8.79E-03	<1.07E-02	<1.19E-02
S-107a	<8.76E-03	<6.03E-03	<7.39E-03	<7.40E-03	<8.76E-03	<1.07E-02	<1.19E-02
S-108a	<8.79E-03	<6.06E-03	<7.42E-03	<7.42E-03	<8.79E-03	<1.07E-02	<1.19E-02
S-109a	<8.74E-03	<6.02E-03	<7.38E-03	<7.38E-03	<8.74E-03	<1.07E-02	<1.19E-02
S-110a	<8.76E-03	<6.03E-03	<7.39E-03	<7.40E-03	<8.76E-03	<1.07E-02	<1.19E-02
S-111a	<8.74E-03	<6.02E-03	<7.38E-03	<7.38E-03	<8.74E-03	<1.07E-02	<1.19E-02
S-112a	<8.50E-03	<5.86E-03	<7.18E-03	<7.18E-03	<8.50E-03	<1.04E-02	<1.15E-02
S-113a	<8.50E-03	<5.86E-03	<7.18E-03	<7.18E-03	<8.50E-03	<1.04E-02	<1.15E-02
S-114a	<9.25E-03	<6.37E-03	<7.81E-03	<7.81E-03	<9.25E-03	<1.13E-02	<1.25E-02
S-201a	<9.03E-03	<6.22E-03	<7.62E-03	<7.63E-03	<9.03E-03	<1.10E-02	<1.22E-02
S-202a	<9.05E-03	<6.23E-03	<7.64E-03	<7.64E-03	<9.05E-03	<1.11E-02	<1.23E-02
S-203a	<8.95E-03	<6.17E-03	<7.56E-03	<7.56E-03	<8.95E-03	<1.09E-02	<1.21E-02
S-204a	<9.00E-03	0.0198	0.0152	<7.60E-03	<9.00E-03	<1.10E-02	<1.22E-02
S-205a	<8.82E-03	<6.08E-03	<7.45E-03	<7.45E-03	<8.82E-03	<1.08E-02	<1.20E-02
S-211a	<8.52E-03	<5.87E-03	<7.19E-03	<7.19E-03	<8.52E-03	<1.04E-02	<1.15E-02
S-212a	<8.84E-03	<6.09E-03	<7.46E-03	<7.46E-03	<8.84E-03	<1.08E-02	<1.20E-02
S-213a	<8.52E-03	<5.87E-03	<7.19E-03	<7.19E-03	<8.52E-03	<1.04E-02	<1.15E-02
S-214a	<8.82E-03	<6.08E-03	<7.45E-03	<7.45E-03	<8.82E-03	<1.08E-02	<1.20E-02
S-206a	<8.79E-03	<6.06E-03	<7.42E-03	<7.42E-03	<8.79E-03	<1.07E-02	<1.19E-02
S-207a	<8.79E-03	<6.06E-03	<7.42E-03	<7.42E-03	<8.79E-03	<1.07E-02	<1.19E-02
S-208a	<8.70E-03	<5.99E-03	<7.34E-03	<7.34E-03	<8.70E-03	<1.06E-02	<1.18E-02
S-209a	<8.70E-03	<5.99E-03	<7.34E-03	<7.34E-03	<8.70E-03	<1.06E-02	<1.18E-02
S-210a	<9.25E-03	<6.37E-03	<7.81E-03	<7.81E-03	<9.25E-03	<1.13E-02	<1.25E-02
S-301a	<9.03E-03	<6.22E-03	<7.62E-03	<7.63E-03	<9.03E-03	<1.10E-02	<1.22E-02
S-302a	<9.11E-03	<6.28E-03	<7.69E-03	<7.70E-03	<9.11E-03	<1.11E-02	<1.24E-02
S-303a	<9.08E-03	<6.26E-03	<7.67E-03	<7.67E-03	<9.08E-03	<1.11E-02	<1.23E-02
S-304a	<9.01E-03	<6.21E-03	<7.61E-03	<7.61E-03	<9.01E-03	<1.10E-02	<1.22E-02
S-305a	<8.90E-03	<6.13E-03	<7.51E-03	<7.52E-03	<8.90E-03	<1.09E-02	<1.21E-02
S-306a	<8.88E-03	<6.12E-03	<7.50E-03	<7.50E-03	<8.88E-03	<1.09E-02	<1.20E-02
S-307a	<8.87E-03	<6.11E-03	<7.49E-03	<7.49E-03	<8.87E-03	<1.08E-02	<1.20E-02
S-308a	<8.85E-03	<6.10E-03	<7.47E-03	<7.48E-03	<8.85E-03	<1.08E-02	<1.20E-02
S-309a	<8.70E-03	<5.99E-03	<7.34E-03	<7.34E-03	<8.70E-03	<1.06E-02	<1.18E-02
S-310a	<8.77E-03	<6.05E-03	<7.41E-03	<7.41E-03	<8.77E-03	<1.07E-02	<1.19E-02
S-311a	<8.64E-03	<5.95E-03	<7.29E-03	<7.29E-03	<8.64E-03	<1.06E-02	<1.17E-02
S-312a	<8.67E-03	<5.97E-03	<7.32E-03	<7.32E-03	<8.67E-03	<1.06E-02	<1.17E-02
S-313a	<8.67E-03	<5.97E-03	<7.32E-03	<7.32E-03	<8.67E-03	<1.06E-02	<1.17E-02
S-314a	<9.25E-03	<6.37E-03	<7.81E-03	<7.81E-03	<9.25E-03	<1.13E-02	<1.25E-02
S-401a	<9.11E-03	<6.28E-03	<7.69E-03	<7.70E-03	<9.11E-03	<1.11E-02	<1.24E-02
S-402a	<8.97E-03	<6.18E-03	<7.57E-03	<7.57E-03	<8.97E-03	<1.10E-02	<1.22E-02
S-403a	<9.01E-03	<6.21E-03	<7.61E-03	<7.61E-03	<9.01E-03	<1.10E-02	<1.22E-02
S-404a	<9.23E-03	<6.36E-03	<7.79E-03	<7.80E-03	<9.23E-03	<1.13E-02	<1.25E-02
S-405a	<8.98E-03	<6.19E-03	<7.58E-03	<7.58E-03	<8.98E-03	<1.10E-02	<1.22E-02
S-406a	<8.87E-03	<6.11E-03	<7.49E-03	<7.49E-03	<8.87E-03	<1.08E-02	<1.20E-02
S-407a	<8.82E-03	<6.08E-03	<7.45E-03	<7.45E-03	<8.82E-03	<1.08E-02	<1.20E-02
S-408a	<8.95E-03	<6.17E-03	<7.56E-03	<7.56E-03	<8.95E-03	<1.09E-02	<1.21E-02
S-409a	0.0315	<6.02E-03	<7.38E-03	<7.38E-03	<8.74E-03	<1.07E-02	<1.19E-02
S-410a	<8.81E-03	<6.07E-03	<7.43E-03	<7.44E-03	<8.81E-03	<1.08E-02	<1.19E-02
S-411a	<8.71E-03	<6.00E-03	<7.36E-03	<7.36E-03	<8.71E-03	<1.06E-02	<1.18E-02
S-412a	<8.74E-03	<6.02E-03	<7.38E-03	<7.38E-03	<8.74E-03	<1.07E-02	<1.19E-02
S-413a	<8.74E-03	<6.02E-03	<7.38E-03	<7.38E-03	<8.74E-03	<1.07E-02	<1.19E-02
S-414a	<9.25E-03	<6.37E-03	<7.81E-03	<7.81E-03	<9.25E-03	<1.13E-02	<1.25E-02
S-501a	<9.01E-03	<6.21E-03	<7.61E-03	<7.61E-03	<9.01E-03	<1.10E-02	<1.22E-02
S-502a	<8.88E-03	<6.12E-03	<7.50E-03	<7.50E-03	<8.88E-03	<1.09E-02	<1.20E-02
S-503a	<8.95E-03	<6.17E-03	<7.56E-03	<7.56E-03	<8.95E-03	<1.09E-02	<1.21E-02
S-504a	<8.92E-03	<6.14E-03	<7.53E-03	<7.53E-03	<8.92E-03	<1.09E-02	<1.21E-02
S-505a	<8.70E-03	<5.99E-03	<7.34E-03	<7.34E-03	<8.70E-03	<1.06E-02	<1.18E-02
S-506a	<8.76E-03	<6.03E-03	<7.39E-03	<7.40E-03	<8.76E-03	<1.07E-02	<1.19E-02
S-507a	<9.01E-03	<6.21E-03	<7.61E-03	<7.61E-03	<9.01E-03	<1.10E-02	<1.22E-02
S-508a	<8.82E-03	<6.08E-03	<7.45E-03	<7.45E-03	<8.82E-03	<1.08E-02	<1.20E-02
S-509a	<8.82E-03	<6.08E-03	<7.45E-03	<7.45E-03	<8.82E-03	<1.08E-02	<1.20E-02
S-510a	<9.25E-03	<6.37E-03	<7.81E-03	<7.81E-03	<9.25E-03	<1.13E-02	<1.25E-02

Temp.		273.15	0.0821
oF	oC	oK	RT
103	39.4	312.6	25.7
102	38.9	312.0	25.6
93	33.9	307.0	25.2
101	38.3	311.5	25.6
98	36.7	309.8	25.4
103	39.4	312.6	25.7
105	40.6	313.7	25.7
103	39.4	312.6	25.7
106	41.1	314.3	25.8
105	40.6	313.7	25.7
106	41.1	314.3	25.8
122	50.0	323.2	26.5
122	50.0	323.2	26.5
75	23.9	297.0	24.4
88	31.1	304.3	25.0
87	30.6	303.7	24.9
93	33.9	307.0	25.2
90	32.2	305.4	25.1
101	38.3	311.5	25.6
121	49.4	322.6	26.5
100	37.8	310.9	25.5
121	49.4	322.6	26.5
101	38.3	311.5	25.6
103	39.4	312.6	25.7
103	39.4	312.6	25.7
109	42.8	315.9	25.9
109	42.8	315.9	25.9
75	23.9	297.0	24.4
88	31.1	304.3	25.0
83	28.3	301.5	24.7
85	29.4	302.6	24.8
89	31.7	304.8	25.0
96	35.6	308.7	25.3
97	36.1	309.3	25.4
98	36.7	309.8	25.4
99	37.2	310.4	25.5
109	42.8	315.9	25.9
104	40.0	313.2	25.7
113	45.0	318.2	26.1
111	43.9	317.0	26.0
111	43.9	317.0	26.0
75	23.9	297.0	24.4
83	28.3	301.5	24.7
92	33.3	306.5	25.1
89	31.7	304.8	25.0
76	24.4	297.6	24.4
91	32.8	305.9	25.1
98	36.7	309.8	25.4
101	38.3	311.5	25.6
93	33.9	307.0	25.2
106	41.1	314.3	25.8
102	38.9	312.0	25.6
108	42.2	315.4	25.9
106	41.1	314.3	25.8
106	41.1	314.3	25.8
75	23.9	297.0	24.4
89	31.7	304.8	25.0
97	36.1	309.3	25.4
93	33.9	307.0	25.2
95	35.0	308.2	25.3
109	42.8	315.9	25.9
105	40.6	313.7	25.7
89	31.7	304.8	25.0
101	38.3	311.5	25.6
101	38.3	311.5	25.6
75	23.9	297.0	24.4

Sample ID		n-Butyl Mercaptan	Ethyl Mercaptan	Carbon Disulfide	Methylethyl sulfide	Diethyl Sulfide	Thiophenol	Diethyl Disulfide	
	CAS	109-79-5	75-08-1	75-15-0	624-89-5	352-93-2	108-98-5	110-81-6	
	MW	90.186	62.134	76.14	76.16	90.19	110.18	122.252	
Flux (mg/m2-									**Flow (m3/min)**
S-101a		<1.63E-03	<1.13E-03	<1.38E-03	<1.38E-03	<1.63E-03	<2.00E-03	<2.22E-03	0.024
S-102a		<9.55E-04	<6.58E-04	<8.07E-04	<8.07E-04	<9.55E-04	<1.17E-03	<1.30E-03	0.014
S-103a		<1.02E-03	<7.05E-04	<8.64E-04	<8.64E-04	<1.02E-03	<1.25E-03	<1.39E-03	0.015
S-104a		<1.42E-03	<9.76E-04	<1.20E-03	<1.20E-03	<1.42E-03	<1.73E-03	<1.92E-03	0.021
S-105a		<3.99E-04	<2.75E-04	<3.37E-04	<3.37E-04	<3.99E-04	<4.87E-04	<5.40E-04	0.006
S-106a		<4.17E-04	<2.87E-04	<3.52E-04	<3.52E-04	<4.17E-04	<5.09E-04	<5.65E-04	0.006
S-107a		<7.98E-04	<5.50E-04	<6.74E-04	<6.74E-04	<7.98E-04	<9.75E-04	<1.08E-03	0.012
S-108a		<4.45E-04	<3.07E-04	<3.76E-04	<3.76E-04	<4.45E-04	<5.44E-04	<6.04E-04	0.007
S-109a		<6.21E-04	<4.28E-04	<5.24E-04	<5.24E-04	<6.21E-04	<7.58E-04	<8.41E-04	0.009
S-110a		<8.32E-04	<5.73E-04	<7.02E-04	<7.02E-04	<8.32E-04	<1.02E-03	<1.13E-03	0.012
S-111a		<3.45E-03	<2.38E-03	<2.91E-03	<2.91E-03	<3.45E-03	<4.22E-03	<4.68E-03	0.051
S-112a		<1.40E-03	<9.67E-04	<1.19E-03	<1.19E-03	<1.40E-03	<1.72E-03	<1.90E-03	0.021
S-113a		<8.32E-04	<5.73E-04	<7.02E-04	<7.02E-04	<8.32E-04	<1.02E-03	<1.13E-03	0.013
S-114a		<3.75E-04	<2.59E-04	<3.17E-04	<3.17E-04	<3.75E-04	<4.59E-04	<5.09E-04	0.005
S-201a		<3.47E-04	<2.39E-04	<2.93E-04	<2.93E-04	<3.47E-04	<4.24E-04	<4.71E-04	0.005
S-202a		<3.48E-04	<2.40E-04	<2.94E-04	<2.94E-04	<3.48E-04	<4.25E-04	<4.72E-04	0.005
S-203a		<6.64E-04	<4.57E-04	<5.60E-04	<5.60E-04	<6.64E-04	<8.11E-04	<9.00E-04	0.010
S-204a		<6.67E-04	0.00147	0.00113	<5.63E-04	<6.67E-04	<8.15E-04	<9.04E-04	0.010
S-205a		<6.06E-04	<4.18E-04	<5.12E-04	<5.12E-04	<6.06E-04	<7.41E-04	<8.22E-04	0.009
S-211a		<3.65E-04	<2.52E-04	<3.08E-04	<3.08E-04	<3.65E-04	<4.46E-04	<4.95E-04	0.006
S-212a		<8.07E-04	<5.56E-04	<6.82E-04	<6.82E-04	<8.07E-04	<9.86E-04	<1.09E-03	0.012
S-213a		<5.35E-04	<3.69E-04	<4.52E-04	<4.52E-04	<5.35E-04	<6.54E-04	<7.25E-04	0.008
S-214a		<7.34E-04	<5.06E-04	<6.19E-04	<6.20E-04	<7.34E-04	<8.96E-04	<9.95E-04	0.011
S-206a		<8.96E-04	<6.17E-04	<7.56E-04	<7.56E-04	<8.96E-04	<1.09E-03	<1.21E-03	0.013
S-207a		<1.25E-03	<8.62E-04	<1.06E-03	<1.06E-03	<1.25E-03	<1.53E-03	<1.70E-03	0.019
S-208a		<1.96E-03	<1.35E-03	<1.65E-03	<1.65E-03	<1.96E-03	<2.39E-03	<2.66E-03	0.029
S-209a		<1.97E-03	<1.36E-03	<1.67E-03	<1.67E-03	<1.97E-03	<2.41E-03	<2.68E-03	0.030
S-210a		<3.59E-04	<2.47E-04	<3.03E-04	<3.03E-04	<3.59E-04	<4.39E-04	<4.87E-04	0.005
S-301a		<6.90E-04	<4.75E-04	<5.82E-04	<5.82E-04	<6.90E-04	<8.43E-04	<9.35E-04	0.010
S-302a		<3.70E-04	<2.55E-04	<3.12E-04	<3.12E-04	<3.70E-04	<4.52E-04	<5.02E-04	0.005
S-303a		<3.90E-04	<2.69E-04	<3.29E-04	<3.29E-04	<3.90E-04	<4.76E-04	<5.28E-04	0.006
S-304a		<3.68E-04	<2.53E-04	<3.10E-04	<3.10E-04	<3.68E-04	<4.49E-04	<4.98E-04	0.005
S-305a		<3.46E-04	<2.39E-04	<2.92E-04	<2.92E-04	<3.46E-04	<4.23E-04	<4.69E-04	0.005
S-306a		<3.42E-04	<2.35E-04	<2.88E-04	<2.89E-04	<3.42E-04	<4.17E-04	<4.63E-04	0.005
S-307a		<3.41E-04	<2.35E-04	<2.88E-04	<2.88E-04	<3.41E-04	<4.17E-04	<4.62E-04	0.005
S-308a		<3.40E-04	<2.35E-04	<2.87E-04	<2.88E-04	<3.41E-04	<4.16E-04	<4.62E-04	0.005
S-309a		<3.35E-04	<2.30E-04	<2.82E-04	<2.82E-04	<3.35E-04	<4.09E-04	<4.53E-04	0.005
S-310a		<6.72E-04	<4.63E-04	<5.68E-04	<5.68E-04	<6.72E-04	<8.21E-04	<9.11E-04	0.010
S-311a		<4.24E-04	<2.92E-04	<3.58E-04	<3.58E-04	<4.24E-04	<5.17E-04	<5.74E-04	0.006
S-312a		<4.45E-04	<3.07E-04	<3.76E-04	<3.76E-04	<4.45E-04	<5.44E-04	<6.03E-04	0.007
S-313a		<3.84E-04	<2.65E-04	<3.25E-04	<3.25E-04	<3.84E-04	<4.70E-04	<5.21E-04	0.006
S-314a		<3.56E-04	<2.45E-04	<3.00E-04	<3.00E-04	<3.56E-04	<4.35E-04	<4.82E-04	0.005
S-401a		<4.28E-04	<2.95E-04	<3.61E-04	<3.62E-04	<4.28E-04	<5.23E-04	<5.80E-04	0.006
S-402a		<6.80E-04	<4.69E-04	<5.74E-04	<5.74E-04	<6.80E-04	<8.31E-04	<9.22E-04	0.010
S-403a		<1.02E-03	<7.05E-04	<8.64E-04	<8.65E-04	<1.02E-03	<1.25E-03	<1.39E-03	0.015
S-404a		<4.05E-04	<2.79E-04	<3.42E-04	<3.42E-04	<4.05E-04	<4.95E-04	<5.49E-04	0.006
S-405a		<3.45E-04	<2.38E-04	<2.92E-04	<2.92E-04	<3.45E-04	<4.22E-04	<4.68E-04	0.005
S-406a		<5.50E-04	<3.79E-04	<4.64E-04	<4.64E-04	<5.50E-04	<6.72E-04	<7.45E-04	0.008
S-407a		<6.57E-04	<4.53E-04	<5.55E-04	<5.55E-04	<6.57E-04	<8.02E-04	<8.90E-04	0.010
S-408a		<5.28E-04	<3.64E-04	<4.45E-04	<4.46E-04	<5.28E-04	<6.45E-04	<7.15E-04	0.008
S-409a		0.00179	<3.43E-04	<4.20E-04	<4.21E-04	<4.98E-04	<6.08E-04	<6.75E-04	0.007
S-410a		<3.64E-04	<2.51E-04	<3.08E-04	<3.08E-04	<3.64E-04	<4.45E-04	<4.94E-04	0.005
S-411a		<3.99E-04	<2.75E-04	<3.37E-04	<3.37E-04	<3.99E-04	<4.88E-04	<5.41E-04	0.006
S-412a		<3.74E-04	<2.57E-04	<3.15E-04	<3.15E-04	<3.74E-04	<4.56E-04	<5.06E-04	0.006
S-413a		<5.09E-04	<3.51E-04	<4.30E-04	<4.30E-04	<5.09E-04	<6.22E-04	<6.90E-04	0.008
S-414a		<3.56E-04	<2.45E-04	<3.00E-04	<3.00E-04	<3.56E-04	<4.35E-04	<4.82E-04	0.005
S-501a		<7.04E-04	<4.85E-04	<5.94E-04	<5.94E-04	<7.04E-04	<8.60E-04	<9.54E-04	0.010
S-502a		<4.14E-04	<2.85E-04	<3.50E-04	<3.50E-04	<4.14E-04	<5.06E-04	<5.62E-04	0.006
S-503a		<4.80E-04	<3.31E-04	<4.06E-04	<4.06E-04	<4.80E-04	<5.87E-04	<6.51E-04	0.007
S-504a		<3.69E-04	<2.54E-04	<3.11E-04	<3.12E-04	<3.69E-04	<4.51E-04	<5.00E-04	0.005
S-505a		<3.35E-04	<2.30E-04	<2.82E-04	<2.82E-04	<3.35E-04	<4.09E-04	<4.53E-04	0.005
S-506a		<4.46E-04	<3.07E-04	<3.77E-04	<3.77E-04	<4.46E-04	<5.45E-04	<6.05E-04	0.007
S-507a		<3.50E-04	<2.41E-04	<2.96E-04	<2.96E-04	<3.50E-04	<4.28E-04	<4.75E-04	0.005
S-508a		<3.49E-04	<2.41E-04	<2.95E-04	<2.95E-04	<3.49E-04	<4.27E-04	<4.74E-04	0.005
S-509a		<3.47E-04	<2.39E-04	<2.93E-04	<2.93E-04	<3.47E-04	<4.24E-04	<4.70E-04	0.005
S-510a		<3.59E-04	<2.47E-04	<3.03E-04	<3.03E-04	<3.59E-04	<4.38E-04	<4.86E-04	0.005

CE Schmidt, Ph.D.
Environmental Consultant

ATTACHMENT A

EMISSION MEASUREMENT DATA SHEETS

19200 Live Oak Road Red Bluff, CA 96080 (530) 529-4256 Fax- 4878

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/16/26 SAMPLERS CES TRC SDA RCW

LOCATION Chiquita Canyon Landfill CELL # 87 L# 1

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. D PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ___ mph Wind at Seal, ___ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☒ Wet Wipe ☐ Dry Wipe ☐ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP-1,1-DFA CC 90168 SUPPLIER LINDE PSIG START 2100 PSIG STOP

Time	Sweep Air (L/min)	Res. Number	Temperature (°F)				Real-Time (ppmv)			Sample Number	Comments
			Chamber		Ambient		FID No Filter/ Filter	H_2S			
			Surf	Air	Surf	Air					
0931	5	0					MF				
↓	↓	1					F/NF	1430			
		2					9.2/7.3	~~1380~~	0.000	T101	#850
0949		3	102	103	106	85				Δt	
		4					TVA			S101a	
1001	↓	5					F/NF	1462	0.000	S101b	
							+0.4/-1				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	10.4/11.3	2.7/7.1
H_2S Outside:	~~1380~~	1462
1430:	0.013	0.006

Coordinates
11 S 348,854
3,811,228

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/16/26 SAMPLERS CES TRC JOA RCW

LOCATION Chiquita Canyon Landfill CELL #87 L#2

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. G PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☒ Wet Wipe ☐ Dry Wipe ☐ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP1,1-DFA 90168 SUPPLIER LINDE PSIG START 2100 PSIG STOP _____

Time	Sweep Air (L/min) 212 PPB	Res. Number	Temperature (°F)				Real-Time (ppmv)			Sample Number	Comments
			Chamber		Ambient		FID No Filter/ Filter	H_2S			
			Surf	Air	Surf	Air					
0931	5	0					MF				
↓	↓	1					F/NF				
↓		2					8.8/6.2	14830	0.000	T102	#738
0949		3	114	102	85	89				Δt	1013-1018
		4					TVA			S102a	1012
1001	↓	5					F/NF	1462	0.000	S102b	1012
							-1/-26				

COMMENTS:

	MF	TVA
	~~F/NF~~	F/NF
FID Outside:	15/14	5.1/6.5
H_2S Outside:	14830	1462
	0.012	0.000

Coordinates
11 S 348,874
3,811,233

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/16/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 87 L#3

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. F PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ___ mph Wind at Seal, ___ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☒ Wet Wipe ☐ Dry Wipe ☐ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP 1,1-DFA CC 172751 SUPPLIER LNDE PSIG START 2100 PSIG STOP

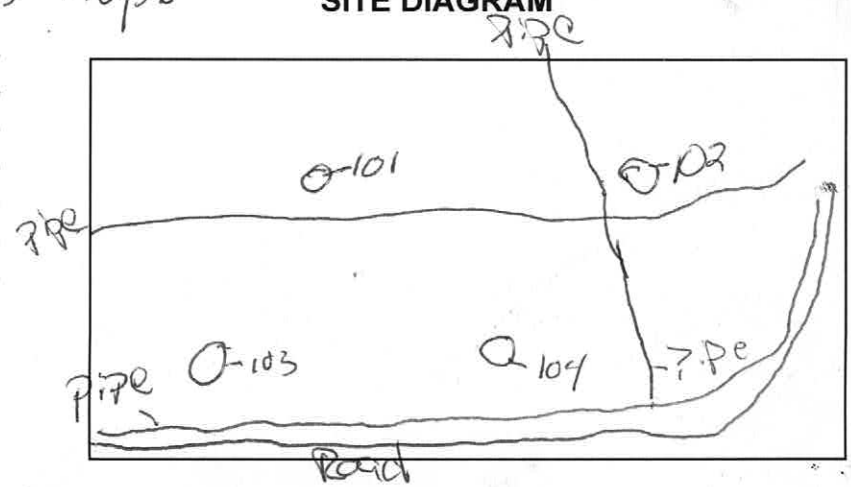
Time	Sweep Air (L/min) 21196	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
0931	5	0					MF				
↓		1					F/NF				
↓		2					~~1074/1076~~	~~#1446~~		T103	# ~~CB7~~ 884
0949		3	94	93	98	85		14830	0.007	AE	1109/1115
		4					TVA			S103a	
1001	↓	5					F/NF	1462	0.000	S103b	
							~~240/204~~				
						53	00/6000				

COMMENTS:

	MF F/NF	TVA F/NF → F 170/36 NF
FID Outside:	139/33	~~240/76~~
H_2S Outside:	#14830	#1462
	0.011	0.000

Coordinates
11 S 34 8,862
3,81 1,205

SITE DIAGRAM



SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/16/26 SAMPLERS CES TDC JDA RCW

LOCATION Chiquita Canyon Landfill CELL #87 L#4

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. B PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☒ Wet Wipe ☐ Dry Wipe ☐ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC 174751 SUPPLIER LNDE PSIG START 2100 PSIG STOP _____

Time	Sweep Air (L/min) 21 PSD	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
0931	5	0					MF				
		1					F /NF				
↓		2					2800/3200	14830	0.002	T104	#889 627
0949		3	100	101	96	82				Δt	1118/1123
		4					TVA			S104a	
1001	↓	5					F /NF	1462	0.000	S104b	
							3100/3300				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	176/380	400/46
H_2S Outside:	14830	1462
	0.010	0.000

Coordinates
11 S 340,872
3,811,209

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/16/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 211 L#1

SURFACE DESCRIPTION WHITE MEMBRANE

CURRENT ACTIVITY

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. B PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL 1/ CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP 1,1-DFA CC 172751 SUPPLIER LINDE PSIG START 2000 PSIG STOP _____

Time	Sweep Air (L/min) 211BD	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1050	5	0					MF	14830			
↓	↓	1					F / NF	~~14830~~	0.005		
↓	↓	2					6.4 / 6.4			T105	# 760
1108	↓	3	105	98	98	90				Δt	1234/1240
↓	↓	4					TVA	1462	0.005	S105a	~~1237~~
1120	↓	5					F / NF			S105b	
							6 / 3.5				

COMMENTS:

	MF	TVA
	F/NF	F/NF
FID Outside:	7.5/8.6	5 / 3.3
H_2S Outside:	~~14830~~	1462
	14830 0.013	0.006

Coordinates
11 S 348,344
3,811,290

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/16/26 SAMPLERS CES TDC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 211 L#2

SURFACE DESCRIPTION WHITE MEMBRANE

CURRENT ACTIVITY

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. G PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UAP+1,1-DFA CC 90168 SUPPLIER LINDE PSIG START 2000 PSIG STOP _____

Time	Sweep Air (L/min) 212 MB	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1059	5	0					MF				
		1					F/NF	14830			
↓		2					0.4/7.6	~~14830~~	0.064	T106	# 781
1117		3	115	103	96	89				Δt	1137-1142
		4					TVA			S106a	1136
1129	↓	5					F/NF	1462	0.004	S106b	1136
							-2.6/-2.7				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	9.5/12.3	0.2/-0.9
H_2S Outside:	~~14830~~ 14830: 0.013	1462 0.010

Coordinates
11 S 348,343
3,811,214

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/16/26 SAMPLERS LES TRC JDA RCW

OCATION Chiquita Canyon Landfill CELL # 211 L#3

SURFACE DESCRIPTION 1/2 BLACK

CURRENT ACTIVITY

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. F PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC 17475 SUPPLIER LNDS PSIG START 2000 PSIG STOP _____

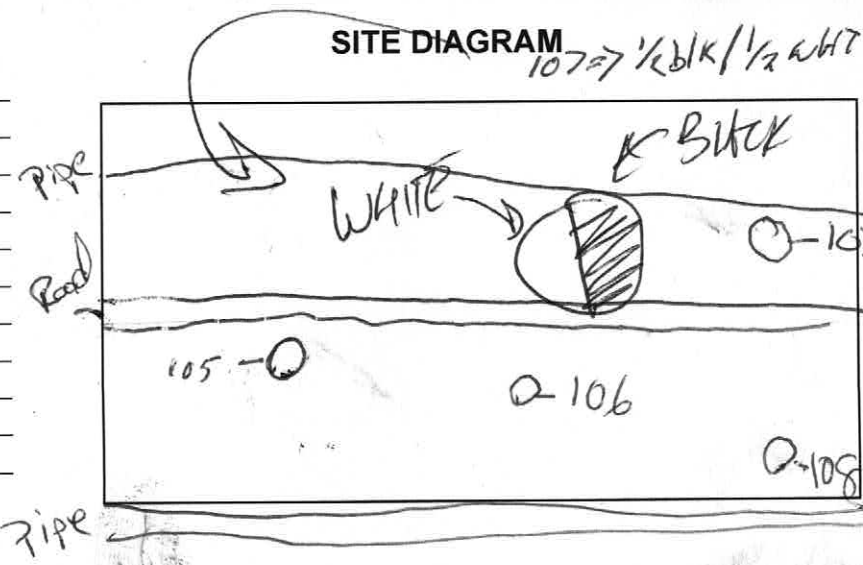
Time	211885 Sweep Air (L/min)	Res. Number	Temperature (°F)				Real-Time (ppmv)			Sample Number	Comments
			Chamber		Ambient		FID No Filter/ Filter	H_2S			
			Surf	Air	Surf	Air					
1050	5	0					MP	14830			
		1					F/NF	~~4830~~	0.005		
		2					8.2/12			T107	A712
1108		3	136	105	99	88				AE	1227/1234
		4					TVA	1462	0.004	S107a	
1120		5					F/NF			S107b	
							-0.3/1.2				

COMMENTS:

	MP F/NF	TVA F/NF
FID Outside:	9.8/14	-0.2/2
H_2S Outside:	~~4830~~	1462
14830:	0.013	0.008

Coordinates
11 S 34 0,357
3,81 1,291

SITE DIAGRAM 107=7 1/2 BLK/1/2 WHT



SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/16/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 2 II L#4

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. D PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL V CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC 90168 SUPPLIER LINDE PSIG START 2000 PSIG STOP

Time	Sweep Air (L/min) 2 L/PM	Res. Number	Temperature (°F)				Real-Time (ppmv)			Sample Number	Comments
			Chamber		Ambient		FID No Filter/ Filter	H_2S			
			Surf	Air	Surf	Air					
1059	5	0					MF				
↓	↓	1					F/NF	4830			
↓	↓	2					8.5/9.2	~~4862~~	0.009	T108	#880
1117	↓	3	105	103	101	89				At	
	↓	4					TVA	4862	0.008	S1089	
1129	↓	5					F/NF			S1086	
							-2.8/-2.9				

COMMENTS:

	MF	TVA
	F/NF	9.3 F/NF
FID Outside:	8.5/13	~~-0.5~~/1
H_2S Outside:	~~4862~~	4862
	4830: 0.018	0.005

Coordinates
11 S 348,346
3,811,266

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/16/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL 2/2 LA1

SURFACE DESCRIPTION MEMBRANE

CURRENT ACTIVITY

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☑
AMBIENT CONCENTRATIONS

CHAMBER I.D. ~~B~~ D PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL 1/ CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC 90168 SUPPLIER LINDE PSIG START 1700 PSIG STOP _____

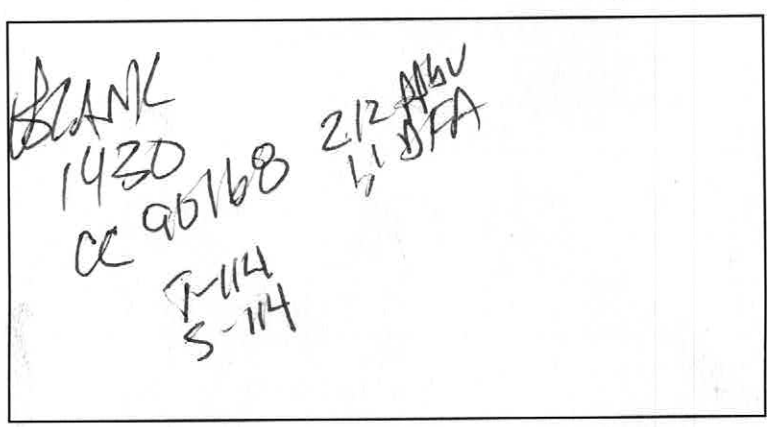
Time	Sweep Air (L/min) 2/2 PPB	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1208	5	0					MF	14830			
		1					F/NF	~~14380~~	0.004		
↓		2					~~F/NF~~			T109	# 710
1226		3	109	106	103	~~89~~	8.8/9.4			At	1343/1349
		4					TVA	1462	0.004	S109a	
1238	↓	5					F/NF			S109b	
							-2.5/-2.6				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	9.3/10.2	-1.8/-1.7
H_2S Outside:	~~14380~~	1462
	14830: 0.014	0.008

Coordinates
11 S 34 8, 426
3,81 1, 310

SITE DIAGRAM



SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/16/26 SAMPLERS CES TDE JDA PCW

LOCATION Chiquita Canyon Landfill CELL 2/2 L#2

SURFACE DESCRIPTION MEMBRANE

CURRENT ACTIVITY

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. ~~A~~ B PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL 1/ CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA 90168 CC SUPPLIER LINDE PSIG START 1700 PSIG STOP _____

Time	Sweep Air (L/min) 21288	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1208	5	0					MF	14830			
↓	↓	1					F/NF	~~14880~~	0.12		
↓	↓	2					230/340			~~T110~~	
1226	↓	3	115	105	91	93				T110	# ~~618~~ 618
	↓	4					TVA	1462	0.002	At	
1238	▼	5					F/NF			S1109	
							630/600			S1106	

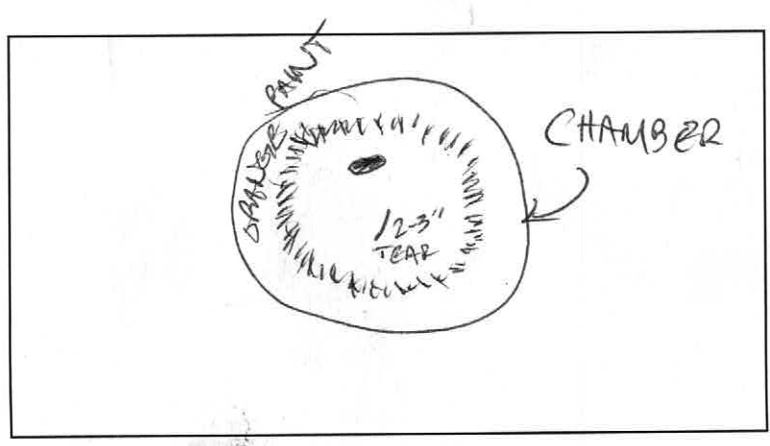
COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	20/10	1.3/-1.9
H_2S Outside:	~~14880~~	1462
	14830: 0.013	0.008

ORANGE FLUORESCENT PAINT & TEAR IN MEMBRANE

Coordinates
11 S 34 ~~8,426~~ 8431
3,81 ~~1,310~~ 1308

SITE DIAGRAM



SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/16/26 SAMPLERS LES TRC JDA REW

LOCATION Chiquita Canyon Landfill CELL 212 L# 3

SURFACE DESCRIPTION WOOD CHIPS / VEGETATION

CURRENT ACTIVITY

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. F PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UAP+1,1-DFA CC 174751 SUPPLIER LINDE PSIG START 1700 PSIG STOP _____

Time	Sweep Air (L/min) 211 PPB	Res. Number	Temperature (°F)				Real-Time (ppmv)			Sample Number	Comments
			Chamber		Ambient		FID No Filter/ Filter	H_2S			
			Surf	Air	Surf	Air					
1208	5	0					MF	14830			
↓	↓	1					F/NF	~~14380~~	0.009		
↓	↓	2					7.6/9			T111	#856
1226		3	123	106	104	92				Δt	
		4					TVA	1462	0.006	S111a	
1238	↓	5					F/NF			S111b	
							17/21.4				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	~~23~~/19	5.3/7
H_2S Outside:	~~14380~~ 14830: 0.001	1462 0.010

Coordinates
11 S 348,439
3,811,291

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/16/26 SAMPLERS LES TDC JDA RCW

LOCATION Chiquita Canyon Landfill CELL 212 L#4

SURFACE DESCRIPTION WOOD CHIPS / VEGETATION

CURRENT ACTIVITY

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. G PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC 174751 SUPPLIER LINDE PSIG START 700 PSIG STOP _____

Time	Sweep Air (L/min) 211PPD	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1208	5	0					MF	14830		T112	# 679
		1					F/NF	~~14880~~	0.002	Δt	1257-1300
↓		2					4076+4076T			S112a	1255
1226		3	144	122	105	91				S112b	1255
		4					TVA	1462	0.000	T113	# 690
1238	▼	5					F/NF			Δt	1301-1305
							1460/6100			S113a	1255
										S113b	1255

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	150/30	218/70
H_2S Outside:	~~14880~~	1462
	14830: 0.011	0.008

Coordinates
11 S 340,443
3,811,279

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/17/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 155 L#1

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. B PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ___ mph Wind at Seal, ___ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC 174751 SUPPLIER LINDE PSIG START 1400 PSIG STOP

Time	Sweep Air (L/min) 211 ppb	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
0940	5	0					MF	1483			
↓	↓	1					F/NF	~~1380~~	0.012		
↓	↓	2					125/170			T201	#508
0958	↓	3	89	88	90	81				Δt	1020-1024
↓	↓	4					TVA			S201a	1019
1010	↓	5					F/NF	1462	0.002	S201b	1019
							104/130				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	24/11	5/8
H_2S Outside:	~~1380~~	1462
	1483: 0.012	0.010

Coordinates
11 S 348,756
3,811,487

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/17/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 155 L#2

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. F PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ___ mph Wind at Seal, ___ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UAP+1.1-DFA CC 90168 SUPPLIER LINDE PSIG START 1400 PSIG STOP

Time	Sweep Air (L/min) 212 ppb	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
0938	5	0					MF	14830			
		1					F/NF	~~14880~~	~~0.047~~		
↓		2	89	87	91	83	160/200	↳	0.002	T202	# 882
0956		3				82				Δt	1014/1018
		4					TVA			S202a	
1008	↓	5					F/NF	1462	0.002	S202b	
							140/180				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	54/7	34/20
H_2S Outside:	~~14880~~	1462
	14830: 0.047	0.036

Coordinates
11 S 348,755
3,811,506

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/17/26 SAMPLERS CES TRC JOA RCW

LOCATION Chiquita Canyon Landfill CELL # 155 L#3

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. D PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC 174751 SUPPLIER LINDE PSIG START 1400 PSIG STOP _____

Time	Sweep Air (L/min) (211 PPB)	Res. Number	Temperature (°F)				Real-Time (ppmv)			Sample Number	Comments
			Chamber		Ambient		FID No Filter/ Filter	H_2S			
			Surf	Air	Surf	Air					
0940	5	0					MF	14830			
↓	↓	1					F/NF	~~14880~~	0.16		
↓	↓	2					OFF SCALE/OFF SCALE			T203	# 699
0958	↓	3	90	93	85	81				Δt	1024-1027
	↓	4					TVA			S203a	1020
1010	↓	5					F/NF	1462	0.069	S203b	1030
							1.3%/1.4%				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	1600/50	50/30
H_2S Outside:	~~14880~~	1462
14830:	0.020	0.014

Coordinates
11 S 348,757
3,811,478

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/17/26 SAMPLERS CES, TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 155 L#4

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. G PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ___ mph Wind at Seal, ___ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1.1-DFA CC 90168 SUPPLIER LINDE PSIG START 400 PSIG STOP

Time	Sweep Air (L/min) 212 PPB	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
0939	5	0					MF	14830			
↓	↓	1					F/NF	~~14380~~	3.4		
↓	↓	2					OFF SCALE/OFF SCALE			T204	# 726
0956		3	88	90	91	84				Δt	10/01/2016
		4					TVA			S204a	
1008	↓	5					F/NF	1462	2.5	S204b	
							~~OFF~~ /13%				
							1490 ~~SCALE~~				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	1300/93	107/10
H_2S Outside:	~~14380~~	1462
14830:	0.03	0.005

Coordinates
11 S 348,750
3,811,514

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/17/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 163 L#1

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. F PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL V CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ___ mph Wind at Seal, ___ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR VHP+1,1-DFA CC 90168 SUPPLIER LINDE PSIG START PSIG STOP

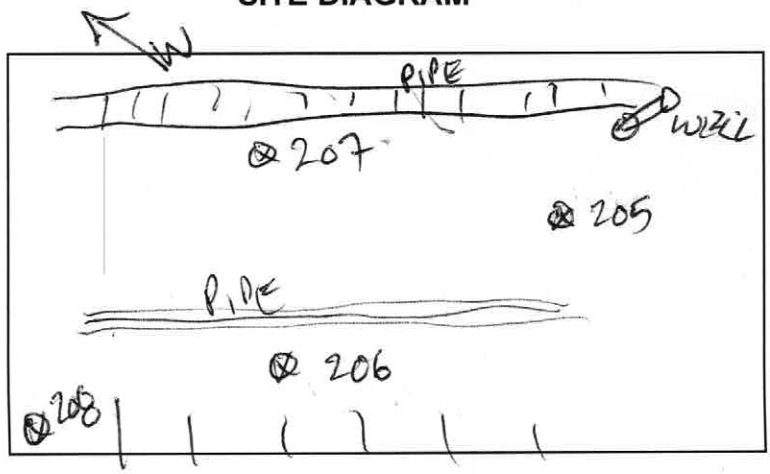
Time	Sweep Air (L/min) 21 PPS	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1049	5	0					MF	14830			
		1					F/NF	~~14880~~	0.007		
		2					1100/1300			T205	# 786
1107		3	112	101	98	91				Δt	1120/1127
		4					TVA			S205a	
1119		5					F/NF	1462	0.007	S205b	
							1100/1270				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	34/8.2	50/-0.4
H_2S Outside:	~~14880~~	1462
	14830: 0.11	0.007

Coordinates
11 S 34 8,609
3,81 1,383

SITE DIAGRAM



SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/17/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 163 L#2

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. G1 PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL V CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ___ mph Wind at Seal, ___ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP-1,1-DFA CC ~~40168~~ 17495 SUPPLIER LINDE PSIG START 1200 PSIG STOP

Time	~~2.5~~ 2 Sweep Air (L/min)	Res. Number	Temperature (°F)				Real-Time (ppmv)			Sample Number	Comments
			Chamber		Ambient		FID No Filter/ Filter	H_2S			
			Surf	Air	Surf	Air					
1050	5	0					MF	14830			
↓	↓	1					F/NF	~~14830~~	0.000		
↓	↓	2					460/620			T206	# 547
1108	↓	3	138	121	105	94				Δt	
	↓	4					TVA	1462	0.000	S206a	
1120	↓	5					F/NF			S206b	
							420/500				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	30/14	36/3
H_2S Outside:	~~14830~~ 14830	1462
	0.011	0.007

Coordinates
11 S 348,604
3,811,370

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/17/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 163 L# 3

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. D PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ___ mph Wind at Seal, ___ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UAL-1,1-DFA cc 90168 SUPPLIER LINDE PSIG START PSIG STOP

Time	Sweep Air (L/min) 242PPb	Res. Number	Temperature (°F)				Real-Time (ppmv)			Sample Number	Comments
			Chamber		Ambient		FID No Filter/ Filter	H_2S			
			Surf	Air	Surf	Air					
1049	5	0					MF	4830			
↓	↓	1					F/NF	~~1380~~	0.000		
↓	↓	2					119/186			T207	#762
1107	↓	3	101	100	94	91				Δt	
	↓	4					TVA	1462	0.000	S207a	
1119	↓	5					F/NF			S207b	
							200/300				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	11/10	12/-0.2
H_2S Outside:	~~1380~~ 4830	1462
	0.12	0.001

Coordinates
11 S 348,594
3,811,384

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/17/26 SAMPLERS CES TRC JOA RCW

LOCATION Chiquita Canyon Landfill CELL # 163 L# 4

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. B PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ___ mph Wind at Seal, ___ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC 174751 SUPPLIER LINDE PSIG START 1200 PSIG STOP

Time	Sweep Air (L/min) 211 PPB	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1050	5	0					MF	14830			
↓	↓	1					F/NF	~~14380~~	0.000		
↓		2					OFF SCALE/OFF SCALE			T208	# 697
1108		3	136	121	119	93	40767+			Δt	1127-1131
		4					TVA	1462	0.000	S208a	1126
1120	↓	5					F/NF			S208b	1126
							7000/7400				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	110/23	18/21
H_2S Outside:	~~14380~~	1462
14830:	0.009	0.007

Coordinates
11 S 348,591
3,811,365

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/17/26 SAMPLERS CES TRC SOA RCW

LOCATION Chiquita Canyon Landfill CELL # 188 L#1

SURFACE DESCRIPTION SOIL OVER MEMBRANE

CURRENT ACTIVITY

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. B PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC 174751 SUPPLIER LINDE PSIG START 1000 PSIG STOP _____

Time	Sweep Air (L/min) 211 per	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1156	5	0					MF	1430			
↓	↓	1					F/NF	~~1380~~	0.002		
↓	↓	2					5.5/4.9			T209	# 645
1214	↓	3	111	101	101	91				Δt	
	↓	4					TVA	1462	0.003	S209a	
1226	↓	5					F/NF	⊗		S209b	
							-3/-3				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	5.0/5.9	-3/-3
H_2S Outside:	~~1380~~ 1430 : 0.003	1462 0.004

Coordinates
11 S 348,369
3,811,784

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/17/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 188 L# 2

SURFACE DESCRIPTION SOIL OVER MEMBRANE

CURRENT ACTIVITY

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. D PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL V CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP-1.1-DFA CC 90168 SUPPLIER LINDE PSIG START 1000 PSIG STOP _____

Time	Sweep Air (L/min) 2.12 PSI	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1156	5	0					MF	14830			
		1					F / NF	~~14380~~	0.003		
↓		2					63 / 59			T210	#167
1214		3	113	103	102	91				ΔE	1241-1245
		4					TVA	1462	0.004	S210a	1240
1226	↓	5					F / NF			S210b	1240
							-2.1 / -2.6				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	5.8 / 6.5	-2.2 / -2.2
H_2S Outside:	~~14380~~ 14830	1462
	0.012	0.007

Coordinates
11 S 348,357
3,811,785

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/17/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 211 L#3

SURFACE DESCRIPTION SOIL OVER MEMBRANE

CURRENT ACTIVITY

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. F PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP N2 - DFA CC 90168 SUPPLIER LINDE PSIG START 1900 PSIG STOP _____

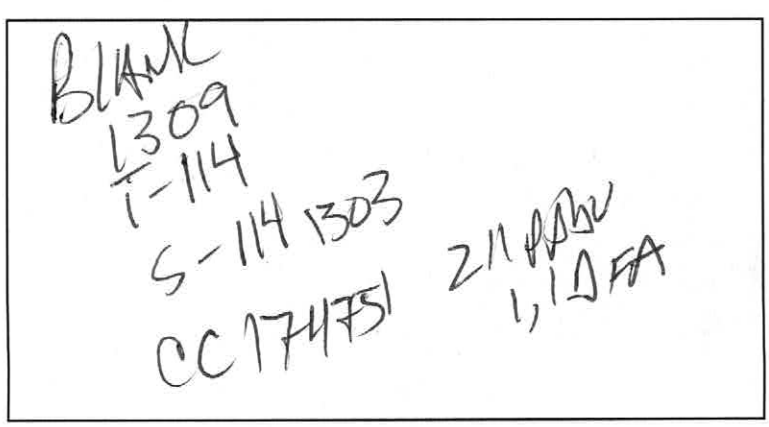
Time	Sweep Air (L/min) 212 pm	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1156	5	0					MF	~~14830~~			
↓		1					F/NF	~~14880~~	~~0.012~~		
↓		2					7/6.5	↳	0.001	T211	#823
1214		3	109	103	97	93				At	1035 - 1038
		4					TVA	1462	0.003	S211a	1233
1226	↓	5					F/NF			S211b	1233
							-2/-3				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	~~6~~/7.7	-2/-2
H_2S Outside:	~~14880~~ 14830 - 0.012	1462 0.007

Coordinates
11 S 34 8,359
3,81 1,779

SITE DIAGRAM



SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/17/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 188 L#4

SURFACE DESCRIPTION SOIL OVER MEMBRANE

CURRENT ACTIVITY

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. G PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UAP+1,1-DFA CC 174751 SUPPLIER LINDE PSIG START 1000 PSIG STOP _____

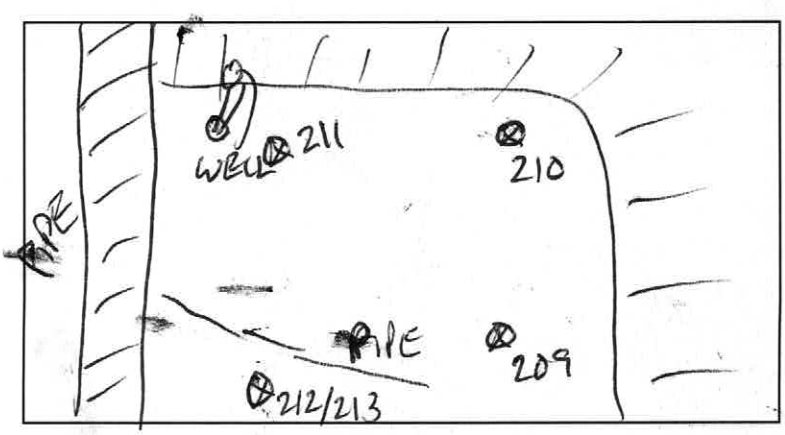
Time	Sweep Air (L/min) 2 1/8 RD	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1156	5	0					MF	14830		T212	# 503
↓	↓	1					F/NF	~~14830~~	0.002	Δt	
↓	↓	2					9/7			S212a	
1214	↓	3	115	109	103	94				S212b	
	↓	4					TVA	1462	0.003	T213	# 534
1226	↓	5					F/NF			Δt	
							~~3~~ 1/3			S213a	
							-1.5			S213b	

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	9/9.5	-1.3/-2
H_2S Outside:	~~14830~~	1462
14830:	0.010	0.006

Coordinates
11 S 34 8,375
3,81 1,779

SITE DIAGRAM



SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/17/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 172 LH 1

SURFACE DESCRIPTION SOIL OVER MEMBRANE

CURRENT ACTIVITY

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. F PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UAP+1,1-DFA CC 17475 SUPPLIER LINDE PSIG START 800 PSIG STOP _____

Time	Sweep Air (L/min) 21 PB	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
0936	5	0					MF	H830			
		1					F/NF	~~H880~~	0.003		
↓		2					3.2/1.3			T301	# 766
0954		3	93 ~~88~~		83	75				Δt	1008/1015
		4					TVA			S301a	
1006	↓	5					F/NF	1462	0.001	S301b	
							-1.9/-1.3				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	4.4/2.7	0.9/2
H_2S Outside:	~~H880~~	1462
	H830: 0.016	0.022

Coordinates
11 S 348,519
3,811,587

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/18/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 172 L#2

SURFACE DESCRIPTION SOIL OVER MEMBRANE

CURRENT ACTIVITY

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. D PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☒ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC 90168 SUPPLIER LINDE PSIG START 800 PSIG STOP _____

Time	Sweep Air (L/min) 2:2 PM	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
0936	5	0					MF	14830			
		1					F/NF	~~14380~~	0.003		
		2					2.6/2.4			T302	# 692
0954		3	83	~~83~~	73	74				Δt	
		4					TVA			S302a	
1006		5					F/NF	1462	0.001	S302b	
							-2.5/-2				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	4.8/0.4	-1.1/0
H_2S Outside:	~~14380~~ 14830: 0.013	1462 ~~+1/0~~ 0.005

Coordinates
11 S 348,527
3,811,596

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/18/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 1 7 2 L#3

SURFACE DESCRIPTION SOIL OVER MEMBRANE

CURRENT ACTIVITY

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. G PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☒ Dry Wipe ☐ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC 172751 SUPPLIER LINDE PSIG START 800 PSIG STOP _____

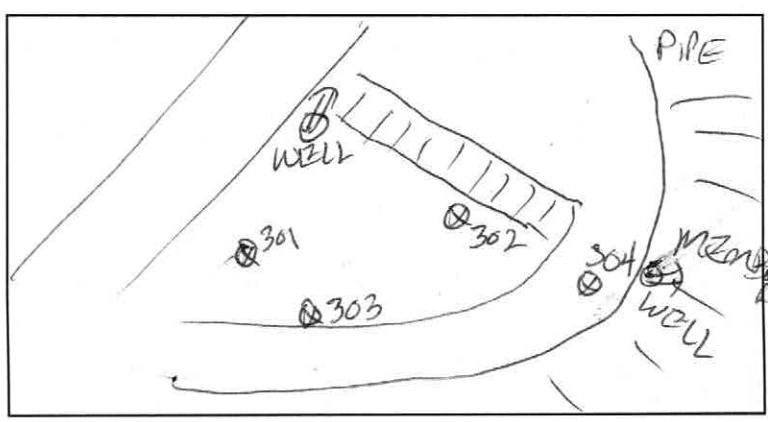
Time	Sweep Air (L/min) 21 PPB	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
0936	5	0					MF	1H830			
↓	↓	1					F/NF	~~1H830~~	0.005		
↓	↓	2					3.2/2.6			T303	# 642
0954	↓	3	82	85	72	75				Δt	1014/1019
	↓	4					TVA			S303a	
1006	↓	5					F/NF	1462	0.003	S303b	
							-0.5/-0.1				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	2.9/3.1	1/2
H_2S Outside:	~~1H830~~	1462
1H830:	0.010	0.005

Coordinates
11 S 34 8,519
3,811,584

SITE DIAGRAM



SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/18/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 172 L#4

SURFACE DESCRIPTION SOIL OVER MEMBRANE

CURRENT ACTIVITY

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. B PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC 90168 SUPPLIER LINDE PSIG START 802 PSIG STOP _____

Time	Sweep Air (L/min) 21280	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
0936	5	0					MF	14830			
↓	↓	1					F/NF	~~14830~~	0.004		
↓	↓	2					4.5/3.2			T304	# 684
0954	↓	3	92	89	79	74				Δt	1011-1015
↓	↓	4					TVA			S304a	1010
1006	↓	5					F/NF	1462	0.003	S304b	1010
							-2.2/-1				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	6.7/10	-0.5/1.2
H_2S Outside:	~~14830~~	1462
14830:	0.016	0.015

Coordinates
11 S 348,531
3,811,587

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/18/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 171 L#1

SURFACE DESCRIPTION WHITE MEMBRANE, DIRTY / NO SEAM

CURRENT ACTIVITY

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. B PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR VHP+1,1-DFAC 90168 SUPPLIER LINDE PSIG START 600 PSIG STOP _____

Time	Sweep Air (L/min) 212 PPB	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1028	5	0					MF	14830			
		1					F/NF	~~14880~~	0.040		
↓		2					~~0.7/1~~			T305	#800
1046		3	90	96	81	81	11/12.8			Δt	1100/1105
		4					TVA			S305a	
1058	↓	5					F/NF	1462	0.023	S305b	
							-0.7/3.5				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	19/14	0.4/1.2
H_2S Outside:	~~14880~~	1462
14830:	0.015	0.009

Coordinates
11 S 348,544
3,811,584

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/18/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 171 L#2

SURFACE DESCRIPTION 1/2 WHITE & 1/2 BLACK MEMBRANE SEAM

CURRENT ACTIVITY

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. D PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL V CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+), 1-DFAQ CC 90168 SUPPLIER LINDE PSIG START 600 PSIG STOP _____

Time	Sweep Air (L/min) 212 PPb	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1028	5	0					MF	14830			
↓	↓	1					F/NF	~~14880~~	~~0.0~~		
↓	↓	2					13/15.4		0.13	T306	#405
1046		3	93	97	80	83				Δt	1103/1108
		4					TVA	1462	0.24	S306a	
1058	▼	5					F/NF			S306b	
							0.7/7.4				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	13/20	1.7/0.5
H_2S Outside:	~~14880~~	1462
	14830: 0.011	0.012

Coordinates
11 S 34 8,537
3,81 1,575

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/18/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 171 L#3

SURFACE DESCRIPTION WHITE MEMBRANE, DIRTY RUNOFF STAINS

CURRENT ACTIVITY NO SEAMS OR TEARS

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE _____

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒

AMBIENT CONCENTRATIONS _____

CHAMBER I.D. F PHOTO TAKEN: Yes ☒ No ☐ _____

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment _____

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐ _____

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1.1-DFA CC 17175 SUPPLIER LINDE PSIG START 600 PSIG STOP _____

Time	Sweep Air (L/min) 21 PPB	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1028	5	0					MF	14830			
↓		1					F/NF	~~14830~~	0.11		
↓		2					40/			T307	#846
1046		3	93	98	88	83				At	1105-
		4					TVA			S307a	1104
1058	↓	5					F/NF	1462	0.023	S307b	1104
							2.2/6.9				

COMMENTS:

	MF	TVA
	F/NF	F/NF
FID Outside:	24/	1.8/1200 HIGH
H_2S Outside:	~~14830~~	1462 12 STEADY
14830:	0.13	0.18

WAFTING ODORS FROM UPWIND

Coordinates
11 S 34 0,529
3,81 1,572

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/18/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 171 L#4

SURFACE DESCRIPTION 1/2 WHITE & 1/2 BLACK MEMBRANE & WHITE SEAM

CURRENT ACTIVITY

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. G PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC 74751 SUPPLIER LINDE PSIG START 600 PSIG STOP _____

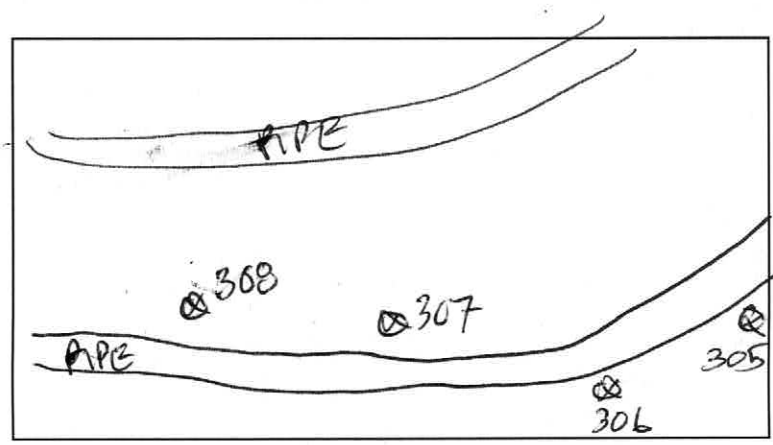
Time	Sweep Air (L/min) 21 RPD	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1028	5	0					MF	14830			
↓	↓	1					F/NF	~~14380~~	0.030		
↓	↓	2					11/12			T308	# 621
1046	↓	3	92	99	81	83				Δt	1110 - 1113
↓	↓	4					TVA			S308a	1109
1058	↓	5					F/NF	1462	0.017	S308b	1109
							6.7/14				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	10/17.6	5.6/5
H_2S Outside:	~~14380~~	1462
14830:	0.11	0.023

Coordinates
11 S 34 8,516
3,81 1,568

SITE DIAGRAM



SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/18/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 181 L#1

SURFACE DESCRIPTION SOIL OVER MEMBRANE

CURRENT ACTIVITY

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. F PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC 90168 SUPPLIER LINDE PSIG START 400 PSIG STOP _____

Time	Sweep Air (L/min) 212 RD	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1136	5	0					MF	14830			
↓		1					F/NF	~~1380~~	0.000		
↓		2					6.9/4.9			T309	#605
1154		3	112	108	89	93				Δt	1212/1316
		4					TVA			S309a	
1206	↓	5					F/NF	1462	0.000	S309b	
							-3.2/-3.4				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	6.8/8.5	-2.0/-1.6
H_2S Outside:	~~1380~~ 14830: 0.010	1462 0.008

Coordinates
11 S 348,285
3,811,643

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/18/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 1B1 L# 2

SURFACE DESCRIPTION OFF WHITE MEMBRANE NO HOLES

CURRENT ACTIVITY

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. B PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC 17175 SUPPLIER LINDE PSIG START 400 PSIG STOP _____

Time	Sweep Air (L/min) 21 PM	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1136	5	0					MF	14830			
↓	↓	1					F/NF	~~14880~~	0.059		
↓	↓	2					9.6/18			T310	# 852
1154	↓	3	106	104	97	92				Δt	
	↓	4					TVA			S310a	
1206	↓	5					F/NF	1462	0.029	S310b	
							-0.8/30				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	11/11.2	-0.8/5
H_2S Outside:	~~14880~~	1462
14830:	0.019	0.012

Coordinates
11 S 348,318
3,811,645

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/18/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 181 L#3

SURFACE DESCRIPTION SOIL OVER MEMBRANE

CURRENT ACTIVITY

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. G PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC 90168 SUPPLIER LINDE PSIG START 400 PSIG STOP _____

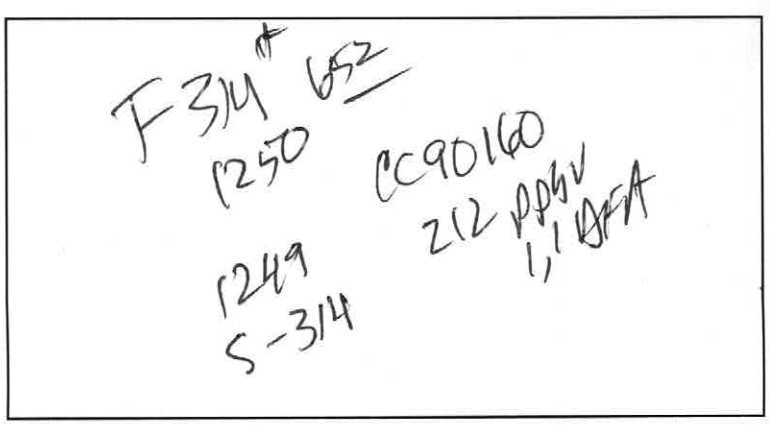
Time	Sweep Air (L/min) 212 ppb	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1134	5	0					MF	1430			
		1					F/NF	~~1380~~	0.000		
		2					6.2/5.6			T311	# 877
1152		3	118	113	92	91				Δt	1208/1213
		4					TVA			S310a	
1204	▼	5					F/NF	1462	0.000	S311b	
							-2.8/-3.8				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	~~6.4~~ 7.2/8.4	-1.3/-1.6
H_2S Outside:	~~1380~~ 1462	
1430:	0.011	0.007

Coordinates
11 S 34 8,289
3,81 1,631

SITE DIAGRAM



SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/18/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 181 L#4

SURFACE DESCRIPTION OFF-WHITE MEMBRANE

CURRENT ACTIVITY

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. D PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR DHS+1,1-DFA CC ~~70168~~ 174751 SUPPLIER LINDE PSIG START ~~1800~~ 1400 PSIG STOP _____

Time	Sweep Air (L/min) 21 ppb	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1134	5	0					MF	14830		T312	# 634
		1					F/NF	~~14830~~	0.12	At	1220-1223
		2					11.8/15			S312a	1218
1152		3	111	111	97	92				S312b	1218
		4					TVA			T313	# 775
1204		5					F/NF	1462	0.013	~~At~~	1223-
							-1/6.8			S313a	1218
										S313b	1218

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	11.7/15.5	-1/11
H_2S Outside:	~~14830~~	1462
	14830: ~~0.18~~	0.12

Coordinates
11 S 34 8,322
3,81 1,629

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/19/26 SAMPLERS CES TDC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 1&4 L#1

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. F PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC 340503 SUPPLIER LINDE PSIG START 2000 PSIG STOP _____

Time	Sweep Air (L/min) (24 PPb)	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
0858	5	0					MF	1483 0			
↓	↓	1					F/NF	~~1480~~	0.000		
↓	↓	2					2.5/1.5			T401	#668
0916		3	87	83	76	76				At	
		4					TVA			S401a	
0928	↓	5					F/NF	1462	0.000	S401b	
							-2.2/-2.6				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	3.1/2.7	-1.5/-1.7
H_2S Outside:	~~1480~~ 1462	1462
	1830: 0.001	0.004

Coordinates
11 S 348,543
3,811,197

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/19/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 199 L#2

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. G PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ___ mph Wind at Seal, ___ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UAP+1,1-DFA CC 340503 SUPPLIER LINDE PSIG START 2000 PSIG STOP

Time	24HRD Sweep Air (L/min)	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
0858	5	0					MF	1430			
↓	↓	1					F/NF	~~1500~~	0.001		
↓	↓	2					9.5/10			T402	# 734
0926	↓	3	93	92	88	80				Δt	0936-0935
↓	↓	4					TVA			S402a	0935
0928	↓	5					F/NF	1462	0.000	S402b	0935-
							4.1/3.2				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	5.2/5.3	0.8/0.5
H_2S Outside:	~~1500~~ 1430 : 0.001	1462 0.004

Coordinates
11 S 348,554
3,811,199

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/19/26 SAMPLERS CES TRL JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 199 L#3

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. D PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ___ mph Wind at Seal, ___ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UAH+1,1-DFA CC 74765 SUPPLIER LINDE PSIG START 2000 PSIG STOP

Time	Sweep Air (L/min) 206 PP	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
0855	5	0					MF	4830			
		1					F/NF	~~4380~~	0.000		
		2					4 / 18.4			T403	# 550
0913		3	96	89	89	74				Δt	0930/0935
		4					TVA			S403a	
0925		5					F/NF	1462	0.000	S403b	
							~~0.6~~				
							18 / 17				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	6.4 / 3.4	0.5 / -0.6
H_2S Outside:	~~4380~~ 4830: 0.001	1462 0.003

Coordinates
11 S 34 8,578
3,81 1,203

SITE DIAGRAM



SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/19/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 199 L#4

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. B PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ___ mph Wind at Seal, ___ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC 74765 SUPPLIER LINDE PSIG START 2000 PSIG STOP

Time	Sweep Air (L/min) 206 RM	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
0855	5	0					MF	14830			
		1					F/NF	~~14380~~	0.000		
↓		2					1500/1600			Tdot	# 675
0913		3	77	76	78	74				Δt	0927/0932
		4					TVA			S404a	
0925	↓	5					F/NF	1462	0.000	S404b	
						1200	/1250				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	71/10	13/30
H_2S Outside:	~~14380~~	1462
14830:	0.000	0.004

Coordinates
11 S 348,568
3,811,218

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/19/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 134 L#1

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. F PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ___ mph Wind at Seal, ___ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC 340503 SUPPLIER LINDE PSIG START 1900 PSIG STOP

Time	Sweep Air (L/min)	Res. Number	Temperature (°F)				Real-Time (ppmv)			Sample Number	Comments
			Chamber		Ambient		FID No Filter/ Filter	H_2S			
			Surf	Air	Surf	Air					
1004	5	0					MF	14830			
↓		1					~~F~~/~~NF~~	~~14380~~	0.000		
↓		2					2.2/2.2			T405	# 638
1022		3	82	91	80	81				Δt	1036 /
		4					TVA			S405a	
1034	↓	5					F/NF	1462	0.000	S405b	
							-3.3/-4				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	3.8/4.1	-2.6/-2
H_2S Outside:	~~14380~~	1462
14830:	0.001	0.004

Coordinates
11 S 348,868
3,810,697

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/19/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 134 L#2

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. B PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ___ mph Wind at Seal, ___ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☐ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR (Ar+), 1-DFA CC 74765 SUPPLIER LINDE PSIG START 1900 PSIG STOP

Time	Sweep Air (L/min) 20GPM	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1002	5	0					MF	14830			
↓		1					F/NF	~~14380~~	0.000		
↓		2					3.8/2.7			T406	# 779
1028		3	96	98	88	83				Δt	1038-1043
		4					TVA			S406a	1037
1034	↓	5					F/NF	1462	0.000	S406b	1037
							-3.1/-2.9				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	3.8/5	-2.3/-1.6
H_2S Outside:	~~14380~~ 14830	1462
	0.001	0.004

Coordinates
11 S 348,857
3,810,721

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/19/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 134 L#3

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. D PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP _____ RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☐ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC 74765 SUPPLIER LINDE PSIG START 1900 PSIG STOP _____

Time	Sweep Air (L/min) 206 PPS	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1004	5	0					MF	14830			
		1					F/NF	~~14380~~	0.003		
↓		2					5.9/4.8			T407	# 663
1022		3	92	101	100	81				Δt	1043-1047
		4					TVA			S407a	1042
1034	▼	5					F/NF	1462	0.000	S407b	1042
							-2.9/-3.1				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	6.2/6.5	-2.9/-1.7
H_2S Outside:	~~14380~~ 14830	1462
	0.000	0.003

Coordinates
11 S 348,854
3,810,729

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/19/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 134 L#4

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. G PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ___ mph Wind at Seal, ___ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UAP+1,1-DFA CC 340503 SUPPLIER LINDE PSIG START 400 PSIG STOP

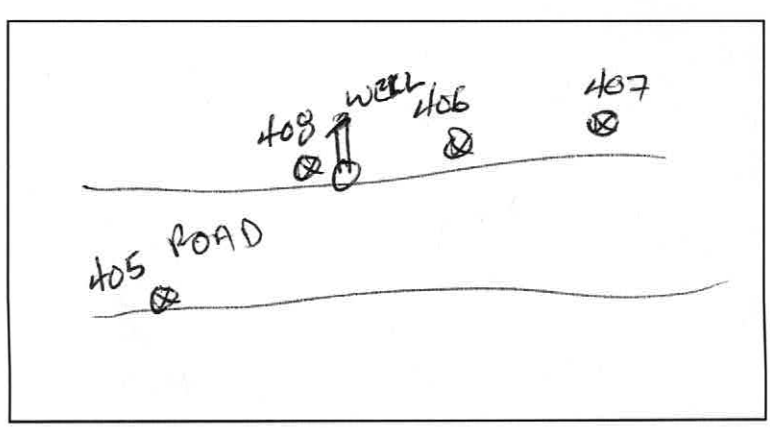
Time	24 PD Sweep Air (L/min)	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1004	5	0					MF	4830			
		1					F/NF	~~4380~~	0.000		
↓		2					3.3/3.0			T408	# 644
1022		3	97	93	90	82				Δt	
		4					TVA			S408a	
1034	↓	5					F/NF	1462	0.000	S408b	
							-3.6/-3.5				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	3.8/4.1	-2.4/-2.1
H_2S Outside:	~~4380~~	1462
4830:	0.000	0.005

Coordinates
11 S 34 8,863
3,81 0,708

SITE DIAGRAM



SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/19/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill ~~CELL 4~~ ROAD L#1

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. G PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ___ mph Wind at Seal, ___ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC 340503 SUPPLIER LINDE PSIG START 1800 PSIG STOP

Time	Sweep Air (L/min) 214PPb	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1133	5	0					MF	14830			
		1					F/NF	~~14830~~	0.002		
↓		2					11.3/10.3			T409	#892
1151		3	103	106	96	95				Δt	
		4					TVA			S409a	
1203	↓	5					F/NF	1462	0.000	S409b	
							-3.5/-4				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	12.2/15	-2.6/-2
H_2S Outside:	~~14830~~ 1462	
14830:	0.001	0.007

Coordinates
11 S 34 8,977
3,81 1,703

SITE DIAGRAM

MEDIA BLANK
1235
CC340503
214PPb

T414
S414a
S414b

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/19/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill ~~CELL #~~ ROAD L#2

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. B PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal, ____ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC 340503 SUPPLIER LINDE PSIG START 1800 PSIG STOP

Time	Sweep Air (L/min) 21480	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1133	5	0					MF	4830			
↓	↓	1					F/NF	~~4580~~	0.000		
↓	↓	2					12/8.7			T400	# 783
1151	↓	3	102	102	95	94				At	1210
	↓	4					TVA			S410a	1209
1203	↓	5					F/NF	1462	0.000	S410b	1209
							-3.5/-4				

COMMENTS:

	MF	TVA
	F/NF	F/NF
FID Outside:	15/21	-1.4/-1
H_2S Outside:	~~4580~~	1462
	4830: 0.000	0.008

Coordinates
11 S 348,977
3,811,694

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/19/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill ~~CELL~~ # PoAO L#3

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. D PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ___ mph Wind at Seal, ___ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1.1- CC 74765 SUPPLIER LINDE PSIG START 1800 PSIG STOP

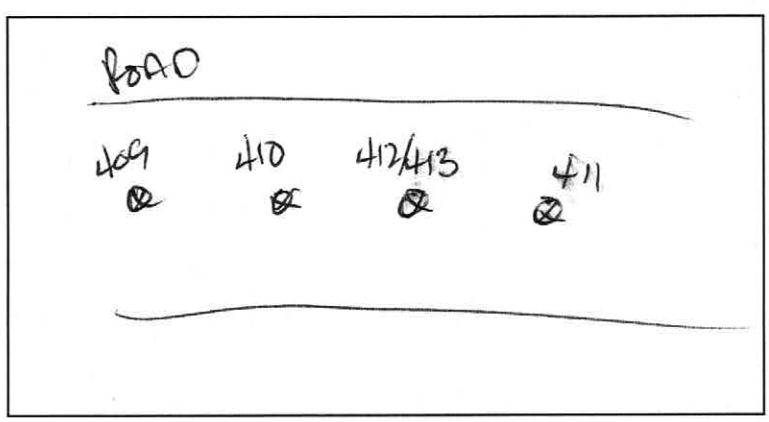
Time	Sweep Air (L/min) 206 PB	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1132	5	0					MF	14830			
		1					F/NF	~~14830~~	0.000		
↓		2					6.6/5.6			+411	# 803
1150		3	104	108	98	94				Δt	1204/1209
		4					TVA			S411a	1202
1202	↓	5					F/NF	1462	0.000	S411b	1202
							-3/-3.8				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	7.3/11	-1.7/-1.3
H_2S Outside:	~~14830~~ 14830	1462
	0.000	0.005

Coordinates
11 S 348,974
3,811,674

SITE DIAGRAM



SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/19/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill ~~CELL~~ # ROAD L#4

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. F PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ___ mph Wind at Seal, ___ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC 71765 SUPPLIER LINDE PSIG START 1800 PSIG STOP

Time	Sweep Air (L/min) 20 6PM	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1132	5	0					MF	14830		TH12	#704
		1					F/NF	~~14830~~	0.000	Δt	1211/1216
↓		2					9.3/8.7			S412a	1205
1250		3	100	10699	98					S412b	1205
		4					TVA			TH13	#753
1202	↓	5					F/NF	1462	0.000	Δt	1217/1220
							-3.3/-3.8			S413a	1209
										S413b	1209

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	10.9/11.6	4/-2
H_2S Outside:	~~14830~~	1462
	14830: 0.000	0.006

Coordinates
11 S 34 8,974
3,81 1,681

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/20/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 3 L#1

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. G PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ___ mph Wind at Seal, ___ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC 340503 SUPPLIER LINDE PSIG START 1600 PSIG STOP

Time	Sweep Air (L/min) 24 PPB	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
0926	5	0					MF				
		1					F/NF	14830	0.001		
↓		2					5.6/2.4			T501	# 653
0944		3	88	89	92	90				Δt	1004 - 1008
		4					TVA			S501a	1004
0956	↓	5					F/NF	1462	0.000	S501b	1004
							-2/-4				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	6.8/5.5	-1/-2
H_2S Outside:	14830	1462
	0.000	0.004

Coordinates
11 S 348,876
3,811,422

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/20/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 31 L#2

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. B PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ___ mph Wind at Seal, ___ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC340503 SUPPLIER LINDE PSIG START 160 PSIG STOP

Time	Sweep Air (L/min) 2HPPb	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
0926	5	0					MF				
		1					F/NF	14830	0.000		
↓		2					~~920~~			T502	#633
0944		3	101	97	95	75	650/672			At	
		4					TVA			S502a	
0956	↓	5					F/NF	1462	0.000	S502b	
							530/620				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	11 / 7.0	12 / 1.5
H_2S Outside:	14830	1462
	0.000	0.003

Coordinates
11 S 348,855
3,811,415

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/20/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 31 L#3

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. D PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ___ mph Wind at Seal, ___ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UAP+LL-PFA CC 74765 SUPPLIER LINDE PSIG START 1500 PSIG STOP

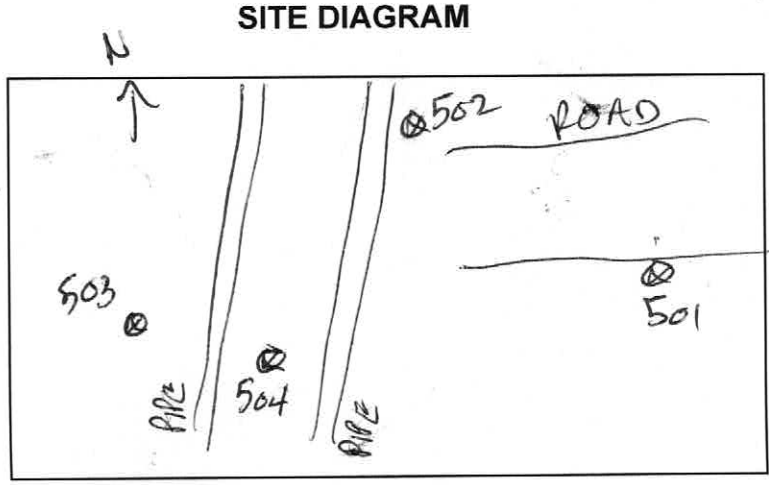
Time	Sweep Air (L/min) 206 PPB	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
0923	5	0					MF				
↓		1					F/NF	14830	0.000		
↓		2					800/1000			T503	# 739
0941		3	105	93	98	77				At	0959/1003
		4					TVA			T503a	0957
0953	↓	5					F/NF	1462	0.000	T503b	0957
							800/900				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	16/7	13/2
H_2S Outside:	14830	1462
	0.001	0.002

Coordinates
11 S 348,852
3,811,383

SITE DIAGRAM



SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/20/26 SAMPLERS CES TDC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 31 L#4

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. B PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ___ mph Wind at Seal, ___ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC 74765 SUPPLIER LINDE PSIG START 1500 PSIG STOP

Time	Sweep Air (L/min) 206 PPb	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
0923	5	0					MF				
↓		1					F/NF	14830	0.001		
↓		2					OFF SCALE / OFF SCALE			T504	# 685
0941		3	96	95	90	75	(74076)			At	0956
		4					TVA			S504a	0954
0953	↓	5					F/NF	14830	0.015	S504b	0954
							12%/1.4%				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	48/21	64/68
H_2S Outside:	14830	14762
	0.001	0.004

Coordinates
11 S 348,860
3,811,386

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/20/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 1&6 L#2

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. D PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ___ mph Wind at Seal, ___ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC 74765 SUPPLIER LINDE PSIG START 1400 PSIG STOP

Time	Sweep Air (L/min)	Res. Number	Temperature (°F)				Real-Time (ppmv)			Sample Number	Comments
			Chamber		Ambient		FID No Filter/ Filter	H_2S			
			Surf	Air	Surf	Air					
1053	5	0					MF				
		1					F/NF	14830	0.002		
		2					10.6/8.8			T506	# 635
1051		3	102	105	81	88				At	1113-1117
		4					TVA			S506a	1112
1103		5					F/NF	1462	0.000	S506b	1112
							2.3/-3				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	11/12	1.8/1.7
H_2S Outside:	14830	1462
	0.001	0.003

Coordinates
11 S 340,860
3,811,028

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/20/26 SAMPLERS CES TDC JMA RCW

LOCATION Chiquita Canyon Landfill CELL # 116 L#1

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. F PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ___ mph Wind at Seal, ___ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC 74765 SUPPLIER LINDE PSIG START 1400 PSIG STOP

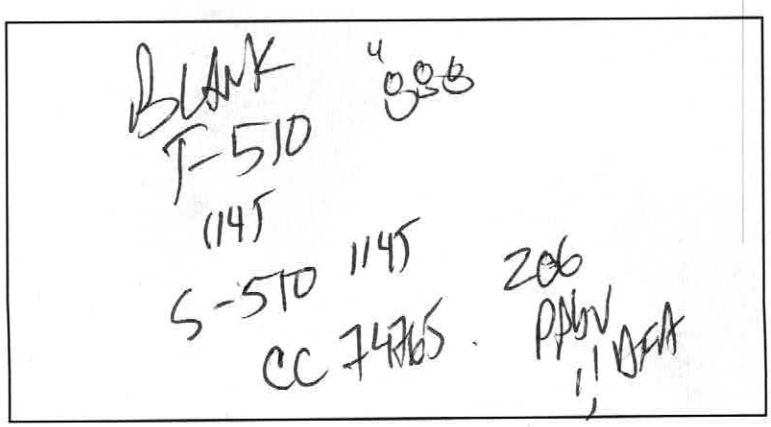
Time	Sweep Air (L/min) 206 PPB	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1033	5	0					MF				
		1					F / NF	14830	0.001		
↓		2					8.3 / 5.3			T505	#662
1051		3	81	109	73	85				Δt	
		4					TVA			S505a	
1103	↓	5					F / NF	1462	0.000	S505b	
							-2.5 / -3.8				

COMMENTS:

	MF	TVA
10 →	F/NF	F/NF
FID Outside:	8.3 / 8.1	-2.6 / -3.4
H_2S Outside:	14830	1462
	0.000	0.005

Coordinates
11 S 348,853
3,811,024

SITE DIAGRAM



SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/20/26 SAMPLERS CES TRC JDA RCW

LOCATION Chiquita Canyon Landfill CELL # 116 L#3

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. B PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ___ mph Wind at Seal, ___ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UAP+1,1-DFA CC 36503 SUPPLIER LINDE PSIG START 1400 PSIG STOP

Time	Sweep Air (L/min) 24 hr	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1037	5	0					MF				
↓		1					F/NF	14830	0.000		
↓		2					2.7/2.1			T507	#600
1055		3	93	89	83	80				Δ	1120/1124
		4					TVA			S507a	1118
1107	↓	5					F/NF	1462	0.000	S507b	1118
							-2.5/-3.7				

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	2.7/4.5	-2.5/-2.5
H_2S Outside:	14830	1462
	0.000	0.005

Coordinates
11 S 340,831
3,811,014

SITE DIAGRAM

SURFACE FLUX MEASUREMENT DATA FORM

DATE 3/20/26 SAMPLERS CES, TRC, SDA, RCW

LOCATION Chiquita Canyon Landfill CELL # 1/6 L#4

SURFACE DESCRIPTION

CURRENT ACTIVITY

INSTRUMENT TYPE I.D. NO. TYPE ID NO.

INSTRUMENT BASELINE

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☒ REPLICATE MEASUREMENTS ☒
AMBIENT CONCENTRATIONS

CHAMBER I.D. G PHOTO TAKEN: Yes ☒ No ☐

CHAMBER SEAL Y CONDENSATION: Yes ☐ No ☒ BARM PRESS

AMBIENT CONDITIONS: Sun ☒ P.Sun ☐ Cloudy ☐ Wind at 5', ___ mph Wind at Seal, ___ mph

TEMP RAIN: Yes ☐ No ☒ Comment

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☒ None ☐

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☒ PURGED PRIOR TO SAMPLING ☒ New ☐ Used ☐

SWEEP AIR UHP+1,1-DFA CC340503 SUPPLIER LINDE PSIG START 1800 PSIG STOP

Time	Sweep Air (L/min) 27PPB	Res. Number	Temperature (°F) Chamber Surf	Chamber Air	Ambient Surf	Ambient Air	Real-Time (ppmv) FID No Filter/ Filter	H_2S		Sample Number	Comments
1037	5	0					MF			T508	# 689
		1					F / NF	14830	0.000	Δt	1110 / 1115
↓		2					14 / 13			S508a	1105
1055		3	91	101	77	86				S508b	1105
		4					TVA			T509	# 701
1107	↓	5					F / NF	1462	0.000	Δt	1116 / 1120
							4 / 5.4			S509a	1109
										S509b	1109

COMMENTS:

	MF F/NF	TVA F/NF
FID Outside:	13 / 13	2 / 1
H_2S Outside:	~~14000~~ 14830	1462
	0.000	0.006

Coordinates
11 S 348,815
3,811,620

SITE DIAGRAM

CE Schmidt, Ph.D.
Environmental Consultant

ATTACHMENT B

CHAIN OF CUSTODY

19200 Live Oak Road Red Bluff, CA 96080 (530) 529-4256 Fax- 4878

TO-15 Day 1

CE Schmidt, PhD, Environmental Consultant

Chain of Custody Record

Form Serial Number CES F1-02106	For Information Regarding These Samples Please Contact: **Dr. Charles E. Schmidt** 19200 Live Oak Road, Red Bluff, CA 96080 530-529-4256 Cell: 530-200-2473 E-Mail: SCHMIDTCE@aol.com
Client Name *SCS* *Chiquita Canyon Landfill*	
Project Manager *Pat Sullivan*	
Requested Completion Date	

Client Address and Phone Number
3900 Kilroy Airport Way, Suite 100
Long Beach, CA 90806 562-743-7895

Laboratory Name
EAS

Laboratory Address
173 Cross Street
San Luis Obispo, CA 93401

Laboratory Phone
805-781-3585

Laboratory Contact
Dr. Steve Hoyt
stevehoyt@easlab.com

Station Number	Date	Time	COMP	GRAB	Sample ID Number	Can ID Number	# OF CONTAINERS	Sample Container: Vial	Can	Tube	Analysis Requested: TO-12 FID (TNMHC)	TO-14 FID (See back)	TO-15 (List on back)	Fixed gases (List on back)	1,1-DFA Tracer	Can Pressure In (Inches Hg)	Can Pressure Out (Inches	Remarks
	3/16/2026	1120		x	T - 101	850	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1113		x	T - 102	788	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1109		x	T - 103	859	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1114		x	T - 104	627	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1234		x	T - 105	760	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1257		x	T - 106	781	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1227		x	T - 107	712	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1241		x	T - 108	880	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1343		x	T - 109	710	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1251		x	T - 110	618	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1404		x	T - 111	856	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1257		x	T - 112	677	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1301		x	T - 113	650	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1430		x	T - 114	539	1		x		x	x	x	x	x	-29	0	

Sampler CE SCHMIDT	Date/Time 3/20/26 1200	Relinquished by CE SCHMIDT	Date/Time 3/20/26 1200
Recieved by EAS	Date/Time	Relinquished by	Date/Time
Recieved by	Date/Time	Relinquished by	Date/Time
Recieved by Laboratory EAS	Date/Time 3/23/26 1530	Sample Shipped Via UPS FEDEX BUS Other	
Remarks			

HAZWRAP/NEESA Y N
QC Level 1 2 3
COC
Ana Req
Cust Seal
Sample Condition

File: Chiquita Cyn Forms TO-15.xlsb Form: COC TO-15 D1

TO-15 Day 2

CE Schmidt, PhD, Environmental Consultant

Chain of Custody Record

Form Serial Number CES F1-02106	For Information Regarding These Samples Please Contact: **Dr. Charles E. Schmidt** 19200 Live Oak Road, Red Bluff, CA 96080 530-529-4256 Cell: 530-200-2473 E-Mail: SCHMIDTCE@aol.com
Client Name *SCS* ***Chiquita Canyon Landfill***	
Project Manager ***Pat Sullivan***	
Requested Completion Date	

Client Address and Phone Number
3900 Kilroy Airport Way, Suite 100
Long Beach, CA 90806 562-743-7895

Laboratory Name
EAS

Laboratory Address
173 Cross Street
San Luis Obispo, CA 93401

Laboratory Phone
805-781-3585

Laboratory Contact
Dr. Steve Hoyt
stevehoyt@easlab.com

Station Number	Date	Time	COMP	GRAB	Sample ID Number	Can ID Number	# OF CONTAINERS	Sample Container: Vial	Sample Container: Can	Sample Container: Tube	Analysis Requested: TO-12 FID (TNMHC)	TO-14 FID (See back)	TO-15 (List on back)	Fixed gases (List on back)	1,1-DFA Tracer	Can Pressure In (Inches Hg)	Can Pressure Out (Inches	Remarks
	3/17/2026	1020		x	T - 201	508	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1014		x	T - 202	882	1		x		x	x	x	x	x	-27	0	
	3/17/2026	1024		x	T - 203	699	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1010		x	T - 204	776	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1160		x	T - 205	786	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1153		x	T - 206	547	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1126		x	T - 207	762	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1129		x	T - 208	657	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1238		x	T - 209	645	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1241		x	T - 210	647	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1235		x	T - 211	823	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1240		x	T - 212	503	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1231		x	T - 213	534	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1239		x	T - 214	900	1		x		x	x	x	x	x	-29	0	

Sampler: PE SCHMIDT	Date/Time: 3/20/26 1200	Relinquished by: PE SCHMIDT	Date/Time: 3/20/26 1200
Recieved by: CES	Date/Time	Relinquished by	Date/Time
Recieved by	Date/Time	Relinquished by	Date/Time
Recieved by Laboratory: EAS	Date/Time: 3/20/26 1530	Sample Shipped Via: UPS FEDEX BUS Other	
Remarks: 0			

HAZWRAP/NEESA Y N
QC Level 1 2 3
COC
Ana Req
Cust Seal
Sample Condition

File: Chiquita Cyn Forms TO-15.xlsb Form: COC TO-15 D2

CE Schmidt, PhD, Environmental Consultant TO-15 Day 3

Chain of Custody Record

Form Serial Number CES F1-02106	For Information Regarding These Samples Please Contact:	Client Address and Phone Number *3900 Kilroy Airport Way, Suite 100* *Long Beach, CA 90806 562-743-7895*
Client Name *SCS* *Chiquita Canyon Landfill*	**Dr. Charles E. Schmidt** 19200 Live Oak Road, Red Bluff, CA 96080	Laboratory Name *EAS*
Project Manager *Pat Sullivan*	530-529-4256 Cell: 530-200-2473 E-Mail: SCHMIDTCE@aol.com	Laboratory Address *173 Cross Street* *San Luis Obispo, CA 93401*
Requested Completion Date		Laboratory Phone *805-781-3585*
		Laboratory Contact *Dr. Steve Hoyt* *stevehoyt@easlab.com*

Station Number	Date	Time	COMP	GRAB	Sample ID Number	Can ID Number	# OF CONTAINERS	Sample Container: Vial	Can	Tube	Analysis Requested: TO-12 FID (TNMHC)	TO-14 FID (See back)	TO-15 (List on back)	Fixed gases (List on back)	1,1-DFA Tracer	Can Pressure In (Inches Hg)	Can Pressure Out (Inches	Remarks
	3/18/2026	1008		x	T - 301	766	1		x		x	x	x	x	x	-29	0	
	3/18/2026	1013		x	T - 302	692	1		x		x	x	x	x	x	-29	0	
	3/18/2026	1014		x	T - 303	642	1		x		x	x	x	x	x	-29	0	
	3/18/2026	1011		x	T - 304	684	1		x		x	x	x	x	x	-29	0	
	3/18/2026	1100		x	T - 305	800	1		x		x	x	x	x	x	-29	0	
	3/18/2026	1103		x	T - 306	405	1		x		x	x	x	x	x	-29	0	
	3/18/2026	1105		x	T - 307	816	1		x		x	x	x	x	x	-29	0	
	3/18/2026	1110		x	T - 308	621	1		x		x	x	x	x	x	-29	0	
	3/18/2026	1212		x	T - 309	605	1		x		x	x	x	x	x	-29	0	
	3/18/2026	1219		x	T - 310	852	1		x		x	x	x	x	x	-29	0	
	3/18/2026	1208		x	T - 311	877	1		x		x	x	x	x	x	-29	0	
	3/18/2026	1220		x	T - 312	634	1		x		x	x	x	x	x	-29	0	
	3/18/2026	1223		x	T - 313	775	1		x		x	x	x	x	x	-29	0	
	3/18/2026	1230		x	T - 314	652	1		x		x	x	x	x	x	-29	0	

Sampler	Date/Time 3/20/26 1200	Relinquished by	Date/Time 3/20/26 1200	HAZWRAP/NEESA Y N
Recieved by	Date/Time	Relinquished by	Date/Time	QC Level 1 2 3
Recieved by	Date/Time	Relinquished by	Date/Time	COC Ana Req Cust Seal Sample Condition
Recieved by Laboratory	Date/Time 3/20/26 1530	Sample Shipped Via UPS FEDEX BUS Other		
Remarks:				

File: Chiquita Cyn Forms TO-15.xlsb Form: COC TO-15 D3

CE Schmidt, PhD, Environmental Consultant

Chain of Custody Record

Form Serial Number CES F1-02106	For Information Regarding These Samples Please Contact:
Client Name *SCS* *Chiquita Canyon Landfill*	**Dr. Charles E. Schmidt** 19200 Live Oak Road, Red Bluff, CA 96080 530-529-4256 Cell: 530-200-2473 E-Mail: SCHMIDTCE@aol.com
Project Manager *Pat Sullivan*	
Requested Completion Date	

Client Address and Phone Number
3900 Kilroy Airport Way, Suite 100
Long Beach, CA 90806 562-743-7895

Laboratory Name
EAS

Laboratory Address
173 Cross Street
San Luis Obispo, CA 93401

Laboratory Phone
805-781-3585

Laboratory Contact
Dr. Steve Hoyt
stevehoyt@easlab.com

Station Number	Date	Time	COMP	GRAB	Sample ID Number	Can ID Number	# OF CONTAINERS	Sample Container: Vial	Sample Container: Can	Sample Container: Tube	Analysis Requested: TO-12 FID (TNMHC)	TO-14 FID (See back)	TO-15 (List on back)	Fixed gases (if List on back)	1,1-DFA Tracer	Can Pressure In (Inches Hg)	Can Pressure Out (Inches	Remarks
	3/19/2026	939		x	T - 401	668 724	1		x		x	x	x	x	x	-29	0	
	3/19/2026	936		x	T - 402		1		x		x	x	x	x	x	-29	0	
	3/19/2026	930		x	T - 403	550	1		x		x	x	x	x	x	-29	0	
	3/19/2026	927		x	T - 404	675	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1036		x	T - 405	638	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1038		x	T - 406	709	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1043		x	T - 407	663	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1042		x	T - 408	644	1		x		x	x	x	x	x	-29	0	
1213	3/19/2026	~~1215~~		x	T - 409	812	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1210		x	T - 410	783	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1204		x	T - 411	803	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1211		x	T - 412	704	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1217		x	T - 413	753	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1240		x	T - 414	610	1		x		x	x	x	x	x	-29	0	

Sampler: CESchmidt	Date/Time: 3/20/26 1200	Relinquished by: CESchmidt	Date/Time: 3/20/26 1200
Recieved by: EAS	Date/Time	Relinquished by	Date/Time
Recieved by	Date/Time	Relinquished by	Date/Time
Recieved by Laboratory: JDH	Date/Time: 3/20/26 1530	Sample Shipped Via: UPS FEDEX BUS Other	
Remarks:			

HAZWRAP/NEESA Y N
QC Level 1 2 3
COC
Ana Req
Cust Seal
Sample Condition

File: Chiquita Cyn Forms TO-15.xlsb Form: COC TO-15 D4

CE Schmidt, PhD, Environmental Consultant

Chain of Custody Record

Form Serial Number CES F1-02106	For Information Regarding These Samples Please Contact:
Client Name *SCS* *Chiquita Canyon Landfill*	**Dr. Charles E. Schmidt** 19200 Live Oak Road, Red Bluff, CA 96080 530-529-4256 Cell: 530-200-2473 E-Mail: SCHMIDTCE@aol.com
Project Manager *Pat Sullivan*	
Requested Completion Date	

Client Address and Phone Number
3900 Kilroy Airport Way, Suite 100
Long Beach, CA 90806 562-743-7895

Laboratory Name
EAS

Laboratory Address
173 Cross Street
San Luis Obispo, CA 93401

Laboratory Phone
805-781-3585

Laboratory Contact
Dr. Steve Hoyt
stevehoyt@easlab.com

Station Number	Date	Time	COMP	GRAB	Sample ID Number	Can ID Number	# OF CONTAINERS	Sample Container: Vial	Can	Tube	Analysis Requested: TO-12 FID (TNMHC)	TO-14 FID (See back)	TO-15 (List on back)	Fixed gases (List on back)	1,1-DFA Tracer	Can Pressure In (inches Hg)	Can Pressure Out (inches	Remarks
	3/20/2026	1004		x	T - 501	653	1		x		x	x	x	x	x	-29	0	
	3/20/2026	1009		x	T - 502	633	1		x		x	x	x	x	x	-29	0	
	3/20/2026	959		x	T - 503	739	1		x		x	x	x	x	x	-29	0	
	3/20/2026	956		x	T - 504	685	1		x		x	x	x	x	x	-29	0	
	3/20/2026	1117		x	T - 505	662	1		x		x	x	x	x	x	-29	0	
	3/20/2026	1113		x	T - 506	635	1		x		x	x	x	x	x	-29	0	
	3/20/2026	1120		x	T - 507	600	1		x		x	x	x	x	x	-29	0	
	3/20/2026	1110		x	T - 508	689	1		x		x	x	x	x	x	-29	0	
	3/20/2026	1116		x	T - 509	701	1		x		x	x	x	x	x	-29	0	
	3/20/2026	1145		x	T - 510	650	1		x		x	x	x	x	x	-29	0	
	~~3/20/2026~~			x	T - 511		1		x		x	x	x	x	x			
	3/20/2026			x	T - 512		1		x		x	x	x	x	x			
	3/20/2026			x	T - 513		1		x		x	x	x	x	x			
	~~3/20/2026~~			x	T - 514		1		x		x	x	x	x	x			

Sampler: DE Schmidt	Date/Time: 3/20/26 1700	Relinquished by: 3/20/26 1700	Date/Time: DE Schmidt
Recieved by: EAS	Date/Time	Relinquished by	Date/Time
Recieved by	Date/Time	Relinquished by	Date/Time
Recieved by Laboratory:	Date/Time: 3/20/26 1500	Sample Shipped Via: UPS FEDEX BUS Other	
Remarks			

HAZWRAP/NEESA Y N
QC Level 1 2 3
COC
Ana Req
Cust Seal
Sample Condition

File: Chiquita Cyn Forms TO-15.xlsb Form: COC TO-15 D5

260620

CE Schmidt, PhD, Environmental Consultant — **Sulfur D1**

Chain of Custody Record

Form Serial Number: **CES F1-02106**	For Information Regarding These Samples Please Contact: **Dr. Charles E. Schmidt**, 19200 Live Oak Road, Red Bluff, CA 96080, 530-529-4256 Cell: 530-200-2473, SCHMIDTCE@aol.com
Client Name: ***SCS*** / ***Chiquita Canyon Landfill***	Client Address and Phone Number: ***3900 Kilroy Airport Way, Suite 100*** / ***Long Beach, CA 90806 562-743-7895***
Project Manager: ***Pat Sullivan***	Laboratory Name: ***Atmospheric Analysis and Consulting***
Requested Completion Date	Laboratory Address: ***2225 Sperry Avenue*** / ***Ventura, CA 93003***
	Laboratory Phone: ***805-650-1642***
	Laboratory Contact: ***John Yokoyama*** jgyokoyama@aaclab.com

Station Number	Date	Time	COMP	GRAB	Sample ID Number	# OF CONTAINERS	Sample Container: Bag	Can	Tube	SCAQMD Method 307-91	Analysis Requested	Field H2S (ppmv)	Remarks
	3/16/2026	1117		x	S- 101 a/b 87516 87517	2	X			X			
	3/16/2026	1112		x	S- 102 a/b 87518 87519	2	X			X			
	3/16/2026	1101		x	S- 103 a/b 87520 87521	2	X			X			
	3/16/2026	1117		x	S- 104 a/b 87522 87523	2	X			X			
	3/16/2026	1233		x	S- 105 a/b 87524 87525	2	X			X			
	3/16/2026	1236		x	S- 106 a/b 87526 87527	2	X			X			
	3/16/2026	1227		x	S- 107 a/b 87528 87529	2	X			X			
	3/16/2026	1236		x	S- 108 a/b 87530 87531	2	X			X			
	3/16/2026	1341		x	S- 109 a/b 87532 87533	2	X			X			
	3/16/2026	1349		x	S- 110 a/b 87534 87535	2	X			X			
	3/16/2026	1357		x	S- 111 a/b 87536 87537	2	X			X			
	3/16/2026	1255		x	S- 112 a/b 87538 87539	2	X			X			
	3/16/2026	1255		x	S- 113 a/b 87540 87541	2	X			X			
	3/16/2026	1427		x	S- 114 a/b 87542 87543	2	X			X			

Sampler: JSCHMIDT	Date/Time: 3/16/26 1432	Relinquished by: JSCHMIDT	Date/Time: 3/16/26 PM	HAZWRAP/NEESA Y N	
Recieved by: JBOB STEVE	Date/Time: 7/16/26 3:16	Relinquished by: 3/16/26 3:30	Date/Time	QC Level 1 2 3	
Recieved by: AAC	Date/Time	Relinquished by	Date/Time	COC	Ice
Recieved by Laboratory	Date/Time: 3/16/26 1532	Sample Shipped Via: UPS FEDEX BUS Hand Other	Air Bill No.	Ana Req	Temp ***AMB***
Remarks				Cust Seal	pH
				Sample Condition	

File: Sulfur Forms.xlsb Form: Sulfur COC D1

260632

CE Schmidt, PhD, Environmental Consultant

Chain of Custody Record

Sulfur D2

| | | |

260644

CE Schmidt, PhD, Environmental Consultant — **Sulfur D3**

Chain of Custody Record

Form Serial Number: **CES F1-02106**	For Information Regarding These Samples Please Contact:
Client Name: ***SCS*** / ***Chiquita Canyon Landfill***	**Dr. Charles E. Schmidt**
Project Manager: ***Pat Sullivan***	19200 Live Oak Road, Red Bluff, CA 96080
Requested Completion Date	530-529-4256 Cell: 530-200-2473
	SCHMIDTCE@aol.com

Client Address and Phone Number: ***3900 Kilroy Airport Way, Suite 100*** / ***Long Beach, CA 90806 562-743-7895***

Laboratory Name: ***Atmospheric Analysis and Consulting***

Laboratory Address: ***2225 Sperry Avenue*** / ***Ventura, CA 93003***

Laboratory Phone: ***805-650-1642***

Laboratory Contact: ***John Yokoyama*** jgyokoyama@aaclab.com

Station Number	Date	Time	COMP	GRAB	Sample ID Number	# OF CONTAINERS	Sample Container: Bag	Can	Tube	Analysis Requested: SCAQMD Method 307-91	Field H2S (ppmv)	Remarks
	3/18/2026	1007		x	S- 301 a/b 87658 87659	2	X			X		
	3/18/2026	1011		x	S- 302 a/b 87660 87661	2	X			X		
	3/18/2026	1012		x	S- 303 a/b 87662 87663	2	X			X		
	3/18/2026	1010		x	S- 304 a/b 87664 87665	2	X			X		
	3/18/2026	1059		x	S- 305 a/b 87666 87667	2	X			X		
	3/18/2026	1102		x	S- 306 a/b 87668 87669	2	X			X		
	3/18/2026	1104		x	S- 307 a/b 87670 87671	2	X			X		
	3/18/2026	1107		x	S- 308 a/b 87672 87673	2	X			X		
	3/18/2026	1211		x	S- 309 a/b 87674 87675	2	X			X		
	3/18/2026	1210		x	S- 310 a/b 87676 87677	2	X			X		
	3/18/2026	1206		x	S- 311 a/b 87678 87679	2	X			X		
	3/18/2026	1218		x	S- 312 a/b 87680 87681	2	X			X		
	3/18/2026	1218		x	S- 313 a/b 87682 87683	2	X			X		
	3/18/2026	1217		x	S- 314 a/b 87684 87685	2	X			X		

Sampler: CE Schmidt	Date/Time: 3/18/26 1300	Relinquished by:	Date/Time:	HAZWRAP/NEESA Y N	
Recieved by:	Date/Time:	Relinquished by:	Date/Time: 3/18/26 2:15	QC Level 1 2 3	
Recieved by:	Date/Time:	Relinquished by:	Date/Time:	COC	Ice
Recieved by Laboratory:	Date/Time: 3/18/26 1433	Sample Shipped Via: UPS FEDEX BUS Hand Other	Air Bill No.	Ana Req	Temp ***AMB***
				Cust Seal	pH
				Sample Condition	

Remarks

File: Sulfur Forms.xlsb Form: Sulfur COC D3

CE Schmidt, PhD, Environmental Consultant 260661 **Sulfur D4**

Chain of Custody Record

Form Serial Number	For Information Regarding These Samples Please Contact:	Client Address and Phone Number	Laboratory Name
CES F1-02106	**Dr. Charles E. Schmidt**	***3900 Kilroy Airport Way, Suite 100***	***Atmospheric Analysis and Consulting***
Client Name	19200 Live Oak Road, Red Bluff, CA 96080	***Long Beach, CA 90806 562-743-7895***	Laboratory Address
SCS	530-529-4256 Cell: 530-200-2473		***2225 Sperry Avenue***
Chiquita Canyon Landfill	SCHMIDTCE@aol.com		***Ventura, CA 93003***
Project Manager			Laboratory Phone
Pat Sullivan			***805-650-1642***
Requested Completion Date			Laboratory Contact
			John Yokoyama
			jgyokoyama@aaclab.com

Station Number	Date	Time	COMP	GRAB	Sample ID Number	# OF CONTAINERS	Sample Container: Bag	Can	Tube	Analysis Requested: SCAQMD Method 307-91	Field H2S (ppmv)	Remarks
	3/19/2026	938		x	S- 401 a/b 87732 87733	2	X			X		
	3/19/2026	935		x	S- 402 a/b 87734 87735	2	X			X		
	3/19/2026	929		x	S- 403 a/b 87736 87737	2	X			X		
	3/19/2026	926		x	S- 404 a/b 87738 87739	2	X			X		
	3/19/2026	1035		x	S- 405 a/b 87740 87741	2	X			X		
	3/19/2026	1031		x	S- 406 a/b 87742 87743	2	X			X		
	3/19/2026	1047		x	S- 407 a/b 87744 87745	2	X			X		
	3/19/2026	1038		x	S- 408 a/b 87746 87747	2	X			X		
	3/19/2026	1210		x	S- 409 a/b 87748 87749	2	X			X		
	3/19/2026	1209		x	S- 410 a/b 87750 87751	2	X			X		
	3/19/2026	1202		x	S- 411 a/b 87752 87753	2	X			X		
	3/19/2026	1205		x	S- 412 a/b 87754 87755	2	X			X		
	3/19/2026	1209		x	S- 413 a/b 87756 87757	2	X			X		
	3/19/2026	1225		x	S- 414 a/b 87758 87759	2	X			X		

Sampler	Date/Time	Relinquished by	Date/Time	HAZWRAP/NEESA Y N
Recieved by	Date/Time 3/19/26 1800	Relinquished by	Date/Time 3/19/26 1200	QC Level 1 2 3
Recieved by	Date/Time 3/19/26 1357	Relinquished by	Date/Time 3/19/26 1357	COC / Ice
Recieved by Laboratory	Date/Time 3/19/26 1352	Sample Shipped Via UPS FEDEX BUS Hand Other	Air Bill No.	Ana Req / Temp ***AMB***
Remarks				Cust Seal / pH
				Sample Condition

File: Sulfur Forms.xlsb Form: Sulfur COC D4

260671

CE Schmidt, PhD, Environmental Consultant — **Sulfur D5**

Chain of Custody Record

Form Serial Number	For Information Regarding These Samples Please Contact:	# OF CONTAINERS	Client Address and Phone Number	Laboratory Name
CES F1-02106	**Dr. Charles E. Schmidt**		***3900 Kilroy Airport Way, Suite 100***	***Atmospheric Analysis and Consulting***
Client Name	19200 Live Oak Road, Red Bluff, CA 96080		***Long Beach, CA 90806 562-743-7895***	Laboratory Address
SCS	530-529-4256 Cell: 530-200-2473			***2225 Sperry Avenue***
Chiquita Canyon Landfill	SCHMIDTCE@aol.com			***Ventura, CA 93003***
Project Manager				Laboratory Phone
Pat Sullivan				***805-650-1642***
Requested Completion Date				Laboratory Contact
				John Yokoyama
				jgyokoyama@aaclab.com

Station Number	Date	Time	COMP	GRAB	Sample ID Number	Sample Container: Bag	Can	Tube	SCAQMD Method 307-91	Analysis Requested	Field H2S (ppmv)	Remarks
	3/20/2026	1007		x	S- 501 a/b 87802 87803	2 X			X			
	3/20/2026	1007		x	S- 502 a/b 87804 87805	2 X			X			
959	3/20/2026	~~959~~		x	S- 503 a/b 87806 87807	2 X			X			
	3/20/2026	954		x	S- 504 a/b 87808 87809	2 X			X			
	3/20/2026	1115		x	S- 505 a/b 87810 87811	2 X			X			
	3/20/2026	1112		x	S- 506 a/b 87812 87813	2 X			X			
	3/20/2026	1119		x	S- 507 a/b 87814 87815	2 X			X			
	3/20/2026	1105		x	S- 508 a/b 87816 87817	2 X			X			
	3/20/2026	1109		x	S- 509 a/b 87818 87819	2 X			X			
	3/20/2026	1142		x	S- 510 a/b 87820 87821	2 X			X			
	~~3/20/2026~~			x	~~S- 511 a/b~~	2 X			X			
	3/20/2026			x	S- 512 a/b	2 X			X			
	3/20/2026			x	S- 513 a/b	2 X			X			
	~~3/20/2026~~			x	~~S- 514 a/b~~	2 X			X			

Sampler	Date/Time	Relinquished by	Date/Time	HAZWRAP/NEESA Y N
OLEG SHMULA	3/20/26 1200	3/20/26 1200		QC Level 1 2 3
Recieved by	Date/Time	Relinquished by	Date/Time	COC / Ice
				Ana Req / Temp ***AMB***
Recieved by	Date/Time	Relinquished by	Date/Time	Cust Seal / pH
				Sample Condition
Recieved by Laboratory	Date/Time	Sample Shipped Via	Air Bill No.	
	3/20/26 1256	UPS FEDEX BUS Hand Other		

Remarks

File: Sulfur Forms.xlsb Form: Sulfur COC D5

CE Schmidt, Ph.D.
Environmental Consultant
Confidential Attorney Client Privileged Communication and Attorney Work Product

ATTACHMENT C

LABORATORY REPORTS

19200 Live Oak Road Red Bluff, CA 96080 (530) 529-4256 Fax- 4878

ENVIRONMENTAL
Analytical Service, Inc.

Tuesday, April 21, 2026

Sample Delivery Group (SDG) 226049
EAS Project Number: 17807

Chuck Schmidt
C.E. Schmidt
19200 Live Oak Road
Red Bluff, CA 96080

Chuck ,

Enclosed is the analytical report for the samples received and analyzed by Environmental Analytical Service, Inc. for the following Project.

Client Project Name: Chiquita Canyon
PO Number:
Client Project Number: TO-15
Sample Event Date: 3/16,3/17,3/18,3/19,3/20/26

If you have any questions on the report or the analytical data please contact me at (805) 781-3585.

Sincerely

Steven D. Hoyt Ph.D.
Laboratory Director

SDH/LIMS

173 Cross Street
San Luis Obispo
CA
93401-7597
805.781.3585
Fax 805.541.4550

ENVIRONMENTAL
Analytical Service, Inc.

Analytical Report

Project Name:

Chiquita Canyon

EAS SDG Number: **226049**

Client Project Manager: Chuck Schmidt

Prepared For:
C.E. Schmidt
19200 Live Oak Road
Red Bluff CA 96080

Project Number: 17807
Sample Event Date: 3/16,3/17,3/18,3/
Received Date: 3/20/2026
Report Date: 4/20/2026

Project Number: TO-15
PO Number:

This is the Laboratory Report for the samples in the indicated Sample Delivery Group (SDG). Each sample received in the group is assigned a Laboratory ID number. The combination of the SDG number and the Lab ID number is an unique identifier for the sample.

This Report Contains:

Laboratory Work Order
Project Sample Media
Laboratory Case Narrative and Chain of Custody
Method Description (when applicable)
Quality Control Reports
Analytical Reports

NELAC Certification: Florida E871125

173 Cross Street, San Luis Obispo, CA 93401 (805) 781-3585

Laboratory Work Order

SDG Number: 226049
Client: Chuck Schmidt
C.E. Schmidt

Project Number: 17807
Received: 3/20/2026

SAMPLE DESCRIPTION AND ANALYSIS REQUESTED

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 101	226049 1	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 101	226049 1	ASTM D3416 Low Level Methane	3/16/2026
T - 101	226049 1	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 101	226049 1	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 101	226049 1	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 102	226049 2	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 102	226049 2	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 102	226049 2	ASTM D3416 Low Level Methane	3/16/2026
T - 102	226049 2	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 102	226049 2	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 103	226049 3	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 103	226049 3	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 103	226049 3	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 103	226049 3	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 103	226049 3	ASTM D3416 Low Level Methane	3/16/2026
T - 104	226049 4	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 104	226049 4	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 104	226049 4	ASTM D3416 Low Level Methane	3/16/2026
T - 104	226049 4	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 104	226049 4	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 105	226049 5	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 105	226049 5	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 105	226049 5	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 105	226049 5	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 105	226049 5	ASTM D3416 Low Level Methane	3/16/2026
T - 106	226049 6	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 106	226049 6	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 106	226049 6	ASTM D3416 Low Level Methane	3/16/2026
T - 106	226049 6	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 106	226049 6	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 107	226049 7	ASTM D3416 Low Level Methane	3/16/2026
T - 107	226049 7	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 107	226049 7	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 107	226049 7	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 107	226049 7	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 108	226049 8	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 108	226049 8	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 108	226049 8	ASTM D3416 Low Level Methane	3/16/2026
T - 108	226049 8	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 108	226049 8	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 109	226049 9	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 109	226049 9	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 109	226049 9	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 109	226049 9	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 109	226049 9	ASTM D3416 Low Level Methane	3/16/2026
T - 110	226049 10	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 110	226049 10	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 110	226049 10	ASTM D3416 Low Level Methane	3/16/2026
T - 110	226049 10	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 110	226049 10	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 111	226049 11	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 111	226049 11	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 111	226049 11	ASTM D3416 Low Level Methane	3/16/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 111	226049 11	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 111	226049 11	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 112	226049 12	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 112	226049 12	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 112	226049 12	ASTM D3416 Low Level Methane	3/16/2026
T - 112	226049 12	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 112	226049 12	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 113	226049 13	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 113	226049 13	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 113	226049 13	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 113	226049 13	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 113	226049 13	ASTM D3416 Low Level Methane	3/16/2026
T - 114	226049 14	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 114	226049 14	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 114	226049 14	ASTM D3416 Low Level Methane	3/16/2026
T - 114	226049 14	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 114	226049 14	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 201	226049 15	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 201	226049 15	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 201	226049 15	ASTM D3416 Low Level Methane	3/17/2026
T - 201	226049 15	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 201	226049 15	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 202	226049 16	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 202	226049 16	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 202	226049 16	ASTM D3416 Low Level Methane	3/17/2026
T - 202	226049 16	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 202	226049 16	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 203	226049 17	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 203	226049 17	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 203	226049 17	ASTM D1945 Hydrogen Confirmation	3/17/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 203	226049 17	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 203	226049 17	ASTM D3416 Low Level Methane	3/17/2026
T - 204	226049 18	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 204	226049 18	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 204	226049 18	ASTM D3416 Low Level Methane	3/17/2026
T - 204	226049 18	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 204	226049 18	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 205	226049 19	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 205	226049 19	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 205	226049 19	ASTM D3416 Low Level Methane	3/17/2026
T - 205	226049 19	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 205	226049 19	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 206	226049 20	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 206	226049 20	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 206	226049 20	ASTM D3416 Low Level Methane	3/17/2026
T - 206	226049 20	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 206	226049 20	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 207	226049 21	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 207	226049 21	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 207	226049 21	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 207	226049 21	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 207	226049 21	ASTM D3416 Low Level Methane	3/17/2026
T - 208	226049 22	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 208	226049 22	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 208	226049 22	ASTM D3416 Low Level Methane	3/17/2026
T - 208	226049 22	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 208	226049 22	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 209	226049 23	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 209	226049 23	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 209	226049 23	ASTM D3416 Low Level Methane	3/17/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 209	226049 23	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 209	226049 23	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 210	226049 24	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 210	226049 24	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 210	226049 24	ASTM D3416 Low Level Methane	3/17/2026
T - 210	226049 24	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 210	226049 24	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 211	226049 25	ASTM D3416 Low Level Methane	3/17/2026
T - 211	226049 25	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 211	226049 25	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 211	226049 25	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 211	226049 25	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 212	226049 26	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 212	226049 26	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 212	226049 26	ASTM D3416 Low Level Methane	3/17/2026
T - 212	226049 26	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 212	226049 26	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 213	226049 27	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 213	226049 27	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 213	226049 27	ASTM D3416 Low Level Methane	3/17/2026
T - 213	226049 27	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 213	226049 27	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 214	226049 28	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 214	226049 28	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 214	226049 28	ASTM D3416 Low Level Methane	3/17/2026
T - 214	226049 28	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 214	226049 28	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 301	226049 29	ASTM D3416 Low Level Methane	3/18/2026
T - 301	226049 29	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 301	226049 29	ASTM D1945 Hydrogen Confirmation	3/18/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 301	226049 29	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 301	226049 29	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 302	226049 30	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 302	226049 30	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 302	226049 30	ASTM D3416 Low Level Methane	3/18/2026
T - 302	226049 30	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 302	226049 30	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 303	226049 31	ASTM D3416 Low Level Methane	3/18/2026
T - 303	226049 31	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 303	226049 31	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 303	226049 31	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 303	226049 31	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 304	226049 32	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 304	226049 32	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 304	226049 32	ASTM D3416 Low Level Methane	3/18/2026
T - 304	226049 32	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 304	226049 32	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 305	226049 33	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 305	226049 33	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 305	226049 33	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 305	226049 33	ASTM D3416 Low Level Methane	3/18/2026
T - 305	226049 33	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 306	226049 34	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 306	226049 34	ASTM D3416 Low Level Methane	3/18/2026
T - 306	226049 34	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 306	226049 34	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 306	226049 34	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 307	226049 35	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 307	226049 35	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 307	226049 35	ASTM D3416 Low Level Methane	3/18/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 307	226049 35	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 307	226049 35	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 308	226049 36	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 308	226049 36	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 308	226049 36	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 308	226049 36	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 308	226049 36	ASTM D3416 Low Level Methane	3/18/2026
T - 309	226049 37	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 309	226049 37	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 309	226049 37	ASTM D3416 Low Level Methane	3/18/2026
T - 309	226049 37	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 309	226049 37	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 310	226049 38	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 310	226049 38	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 310	226049 38	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 310	226049 38	ASTM D3416 Low Level Methane	3/18/2026
T - 310	226049 38	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 311	226049 39	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 311	226049 39	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 311	226049 39	ASTM D3416 Low Level Methane	3/18/2026
T - 311	226049 39	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 311	226049 39	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 312	226049 40	ASTM D3416 Low Level Methane	3/18/2026
T - 312	226049 40	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 312	226049 40	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 312	226049 40	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 312	226049 40	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 313	226049 41	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 313	226049 41	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 313	226049 41	ASTM D3416 Low Level Methane	3/18/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 313	226049 41	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 313	226049 41	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 314	226049 42	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 314	226049 42	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 314	226049 42	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 314	226049 42	ASTM D3416 Low Level Methane	3/18/2026
T - 314	226049 42	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 401	226049 43	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 401	226049 43	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 401	226049 43	ASTM D3416 Low Level Methane	3/19/2026
T - 401	226049 43	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 401	226049 43	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 402	226049 44	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 402	226049 44	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 402	226049 44	ASTM D3416 Low Level Methane	3/19/2026
T - 402	226049 44	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 402	226049 44	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 403	226049 45	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 403	226049 45	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 403	226049 45	ASTM D3416 Low Level Methane	3/19/2026
T - 403	226049 45	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 403	226049 45	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 404	226049 46	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 404	226049 46	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 404	226049 46	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 404	226049 46	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 404	226049 46	ASTM D3416 Low Level Methane	3/19/2026
T - 405	226049 47	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 405	226049 47	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 405	226049 47	ASTM D3416 Low Level Methane	3/19/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 405	226049 47	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 405	226049 47	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 406	226049 48	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 406	226049 48	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 406	226049 48	ASTM D3416 Low Level Methane	3/19/2026
T - 406	226049 48	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 406	226049 48	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 407	226049 49	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 407	226049 49	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 407	226049 49	ASTM D3416 Low Level Methane	3/19/2026
T - 407	226049 49	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 407	226049 49	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 408	226049 50	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 408	226049 50	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 408	226049 50	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 408	226049 50	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 408	226049 50	ASTM D3416 Low Level Methane	3/19/2026
T - 409	226049 51	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 409	226049 51	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 409	226049 51	ASTM D3416 Low Level Methane	3/19/2026
T - 409	226049 51	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 409	226049 51	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 410	226049 52	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 410	226049 52	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 410	226049 52	ASTM D3416 Low Level Methane	3/19/2026
T - 410	226049 52	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 410	226049 52	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 411	226049 53	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 411	226049 53	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 411	226049 53	ASTM D3416 Low Level Methane	3/19/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 411	226049 53	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 411	226049 53	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 412	226049 54	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 412	226049 54	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 412	226049 54	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 412	226049 54	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 412	226049 54	ASTM D3416 Low Level Methane	3/19/2026
T - 413	226049 55	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 413	226049 55	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 413	226049 55	ASTM D3416 Low Level Methane	3/19/2026
T - 413	226049 55	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 413	226049 55	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 414	226049 56	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 414	226049 56	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 414	226049 56	ASTM D3416 Low Level Methane	3/19/2026
T - 414	226049 56	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 414	226049 56	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 501	226049 57	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 501	226049 57	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 501	226049 57	ASTM D3416 Low Level Methane	3/20/2026
T - 501	226049 57	EPA TO-12 C2 to C12 CRYO	3/20/2026
T - 501	226049 57	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 502	226049 58	ASTM D3416 Low Level Methane	3/20/2026
T - 502	226049 58	EPA TO-12 C2 to C12 CRYO	3/20/2026
T - 502	226049 58	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 502	226049 58	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 502	226049 58	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 503	226049 59	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 503	226049 59	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 503	226049 59	ASTM D3416 Low Level Methane	3/20/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 503	226049 59	EPA TO-12 C2 to C12 CRYO	3/20/2026
T - 503	226049 59	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 504	226049 60	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 504	226049 60	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 504	226049 60	ASTM D3416 Low Level Methane	3/20/2026
T - 504	226049 60	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 504	226049 60	EPA TO-12 C2 to C12 CRYO	3/20/2026
T - 505	226049 61	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 505	226049 61	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 505	226049 61	ASTM D3416 Low Level Methane	3/20/2026
T - 505	226049 61	EPA TO-12 C2 to C12 CRYO	3/20/2026
T - 505	226049 61	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 506	226049 62	ASTM D3416 Low Level Methane	3/20/2026
T - 506	226049 62	EPA TO-12 C2 to C12 CRYO	3/20/2026
T - 506	226049 62	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 506	226049 62	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 506	226049 62	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 507	226049 63	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 507	226049 63	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 507	226049 63	ASTM D3416 Low Level Methane	3/20/2026
T - 507	226049 63	EPA TO-12 C2 to C12 CRYO	3/20/2026
T - 507	226049 63	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 508	226049 64	ASTM D3416 Low Level Methane	3/20/2026
T - 508	226049 64	EPA TO-12 C2 to C12 CRYO	3/20/2026
T - 508	226049 64	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 508	226049 64	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 508	226049 64	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 509	226049 65	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 509	226049 65	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 509	226049 65	ASTM D3416 Low Level Methane	3/20/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 509	226049 65	EPA TO-12 C2 to C12 CRYO	3/20/2026
T - 509	226049 65	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 510	226049 66	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 510	226049 66	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 510	226049 66	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 510	226049 66	ASTM D3416 Low Level Methane	3/20/2026
T - 510	226049 66	EPA TO-12 C2 to C12 CRYO	3/20/2026

Project Sample Media

SDG Number: 226049

The following sample media was used for this Sample Delivery Group (SDG). The Sample Media column identifies the type of media. For canisters, the Sample Media Batch gives the canister number followed by the cleaning batch number, which is a unique identification. The initial pressure of the canister when it is received is recorded. If the canister is not pressurized, the final pressure will be the same as the initial pressure. If the canister is pessurized the final pressure will be recorded, and the canister dilution factor is calculated as the ratio of the final to initial pressure. The results are adjusted for the can dilution factor.

SDG	Lab ID	Client Sample No.	Sample Media	Batch	Pressure, torr Initial	Final	Can Factor
226049	1	T - 101	850		675	675	1.00
226049	2	T - 102	738		669	669	1.00
226049	3	T - 103	889		678	678	1.00
226049	4	T - 104	627		661	661	1.00
226049	5	T - 105	760		680	680	1.00
226049	6	T - 106	781		678	678	1.00
226049	7	T - 107	712		664	664	1.00
226049	8	T - 108	880		670	670	1.00
226049	9	T - 109	710		678	678	1.00
226049	10	T - 110	618		686	686	1.00
226049	11	T - 111	856		697	697	1.00
226049	12	T - 112	679		651	651	1.00
226049	13	T - 113	690		743	743	1.00
226049	14	T - 114	539		725	725	1.00
226049	15	T - 201	508		666	666	1.00
226049	16	T - 202	882		661	661	1.00
226049	17	T - 203	699		621	621	1.00
226049	18	T - 204	726		667	667	1.00
226049	19	T - 205	786		671	671	1.00
226049	20	T - 206	547		657	657	1.00
226049	21	T - 207	762		675	675	1.00
226049	22	T - 208	657		654	654	1.00
226049	23	T - 209	645		661	661	1.00
226049	24	T - 210	647		665	665	1.00
226049	25	T - 211	823		664	664	1.00

SDG	Lab ID	Client Sample No.	Sample Media	Batch	Pressure, torr Initial	Final	Can Factor
226049	26	T - 212	503		667	667	1.00
226049	27	T - 213	534		671	671	1.00
226049	28	T - 214	900		695	695	1.00
226049	29	T - 301	766		678	678	1.00
226049	30	T - 302	692		682	682	1.00
226049	31	T - 303	642		668	668	1.00
226049	32	T - 304	684		675	675	1.00
226049	33	T - 305	800		740	740	1.00
226049	34	T - 306	405		658	658	1.00
226049	35	T - 307	846		654	654	1.00
226049	36	T - 308	621		649	649	1.00
226049	37	T - 309	605		662	662	1.00
226049	38	T - 310	852		657	657	1.00
226049	39	T - 311	877		652	652	1.00
226049	40	T - 312	634		650	650	1.00
226049	41	T - 313	775		655	655	1.00
226049	42	T - 314	652		682	682	1.00
226049	43	T - 401	668		696	696	1.00
226049	44	T - 402	734		686	686	1.00
226049	45	T - 403			679	679	1.00
226049	46	T - 404	675		683	683	1.00
226049	47	T - 405	638		621	621	1.00
226049	48	T - 406	779		665	665	1.00
226049	49	T - 407	663		676	676	1.00
226049	50	T - 408	644		665	665	1.00
226049	51	T - 409	812		646	646	1.00
226049	52	T - 410	783		646	646	1.00
226049	53	T - 411	803		677	677	1.00
226049	54	T - 412	704		655	655	1.00
226049	55	T - 413	753		643	643	1.00
226049	56	T - 414	610		703	703	1.00
226049	57	T - 501	653		712	712	1.00
226049	58	T - 502	633		667	667	1.00

SDG	Lab ID	Client Sample No.	Sample Media	Batch	Pressure, torr Initial	Final	Can Factor
226049	59	T - 503	739		668	668	1.00
226049	60	T - 504	685		681	681	1.00
226049	61	T - 505	662		667	667	1.00
226049	62	T - 506	635		647	647	1.00
226049	63	T - 507	600		660	660	1.00
226049	64	T - 508	689		660	660	1.00
226049	65	T - 509	701		659	659	1.00
226049	66	T - 510	888		715	715	1.00

Laboratory Case Narrative

EAS SDG Number: 226049 **Project Number:** 17807

Client: C.E. Schmidt

The Laboratory Case Narrative for the SDG is below. The Chain of Custody form(s) follow the Laboratory Case Narrative.

Sample Control Narrative

The samples were all received in good condition and with proper preservation.

Analytical Methods

The methods used for sample analysis are listed on the Analytyical Report header, and have been modified as described in the EAS Quality Manual..

Case Narrative

QC Narrative

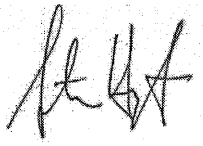
All analyses met EAS method criteria as defined in the Quality Manual, except as noted in the report or QC reports with data qualifiers.

Subcontract Narrative

No sample analysis was subcontracted for this project

Laboratory Certification

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness other than the condition(s) noted above. The Laboratory Report is property of EAS and its client. The entire report has been reviewed and approved.



Date Approved: 4/20/2026

Steven D. Hoyt, Ph.D.
Environmental Analytical Service
Laboratory Director

TO-15 Day 1

CE Schmidt, PhD, Environmental Consultant

Chain of Custody Record

Form Serial Number CES F1-02106	For Information Regarding These Samples Please Contact: **Dr. Charles E. Schmidt** 19200 Live Oak Road, Red Bluff, CA 96080 530-529-4256 Cell: 530-200-2473 E-Mail: SCHMIDTCE@aol.com
Client Name *SCS* *Chiquita Canyon Landfill*	
Project Manager *Pat Sullivan*	
Requested Completion Date	

Client Address and Phone Number
3900 Kilroy Airport Way, Suite 100
Long Beach, CA 90806 562-743-7895

Laboratory Name
EAS

Laboratory Address
173 Cross Street
San Luis Obispo, CA 93401

Laboratory Phone
805-781-3585

Laboratory Contact
Dr. Steve Hoyt
stevehoyt@easlab.com

Station Number	Date	Time	COMP	GRAB	Sample ID Number	Can ID Number	# OF CONTAINERS	Sample Container: Vial	Sample Container: Can	Sample Container: Tube	Analysis Requested: TO-12 FID (TNMHC)	TO-14 FID (See back)	TO-15 (List on back)	Fixed gases (List on back)	1,1-DFA Tracer	Can Pressure In (Inches Hg)	Can Pressure Out (Inches	Remarks
	3/16/2026	1120		x	T - 101	850	1		x		x	x	x	x	x	-29	3	
	3/16/2026	1143		x	T - 102	788	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1109		x	T - 103	859	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1114		x	T - 104	627	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1234		x	T - 105	760	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1257		x	T - 106	781	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1227		x	T - 107	712	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1241		x	T - 108	880	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1343		x	T - 109	710	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1251		x	T - 110	618	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1404		x	T - 111	856	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1257		x	T - 112	677	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1301		x	T - 113	650	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1430		x	T - 114	539	1		x		x	x	x	x	x	-29	0	

Sampler: CE SCHMIDT	Date/Time: 3/20/26 1200	Relinquished by: CE SCHMIDT	Date/Time: 3/20/26 1200
Recieved by: EAS	Date/Time	Relinquished by	Date/Time
Recieved by	Date/Time	Relinquished by	Date/Time
Recieved by Laboratory	Date/Time: ~~3/23~~/20/26 1530	Sample Shipped Via: UPS FEDEX BUS Other	
Remarks			

HAZWRAP/NEESA Y N
QC Level 1 2 3
COC
Ana Req
Cust Seal
Sample Condition

File: Chiquita Cyn Forms TO-15.xlsb Form: COC TO-15 D1

TO-15 Day 2

CE Schmidt, PhD, Environmental Consultant

Chain of Custody Record

Form Serial Number CES F1-02106	For Information Regarding These Samples Please Contact: **Dr. Charles E. Schmidt** 19200 Live Oak Road, Red Bluff, CA 96080 530-529-4256 Cell: 530-200-2473 E-Mail: SCHMIDTCE@aol.com
Client Name *SCS* ***Chiquita Canyon Landfill***	
Project Manager ***Pat Sullivan***	
Requested Completion Date	

Client Address and Phone Number
3900 Kilroy Airport Way, Suite 100
Long Beach, CA 90806 562-743-7895

Laboratory Name
EAS

Laboratory Address
173 Cross Street
San Luis Obispo, CA 93401

Laboratory Phone
805-781-3585

Laboratory Contact
Dr. Steve Hoyt
stevehoyt@easlab.com

Station Number	Date	Time	COMP	GRAB	Sample ID Number	Can ID Number	# OF CONTAINERS	Sample Container: Vial	Sample Container: Can	Sample Container: Tube	Analysis Requested: TO-12 FID (TNMHC)	TO-14 FID (See back)	TO-15 (List on back)	Fixed gases (List on back)	1,1-DFA Tracer	Can Pressure In (Inches Hg)	Can Pressure Out (Inches)	Remarks
	3/17/2026	1020		x	T - 201	508	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1014		x	T - 202	882	1		x		x	x	x	x	x	-27	0	
	3/17/2026	1024		x	T - 203	699	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1010		x	T - 204	776	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1160		x	T - 205	786	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1153		x	T - 206	547	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1126		x	T - 207	762	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1129		x	T - 208	657	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1238		x	T - 209	645	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1241		x	T - 210	647	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1235		x	T - 211	823	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1240		x	T - 212	503	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1231		x	T - 213	534	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1239		x	T - 214	900	1		x		x	x	x	x	x	-29	0	

Sampler: PE SCHMIDT	Date/Time: 3/20/26 1200	Relinquished by: PE SCHMIDT	Date/Time: 3/20/26 1200
Recieved by: CES	Date/Time	Relinquished by	Date/Time
Recieved by	Date/Time	Relinquished by	Date/Time
Recieved by Laboratory	Date/Time: 3/20/26 1530	Sample Shipped Via: UPS FEDEX BUS Other	
Remarks			

HAZWRAP/NEESA Y N
QC Level 1 2 3
COC
Ana Req
Cust Seal
Sample Condition

File: Chiquita Cyn Forms TO-15.xlsb Form: COC TO-15 D2

CE Schmidt, PhD, Environmental Consultant — **TO-15 Day 3**

Chain of Custody Record

| | | |

CE Schmidt, PhD, Environmental Consultant

Chain of Custody Record

Form Serial Number CES F1-02106	For Information Regarding These Samples Please Contact:
Client Name *SCS* *Chiquita Canyon Landfill*	**Dr. Charles E. Schmidt** 19200 Live Oak Road, Red Bluff, CA 96080 530-529-4256 Cell: 530-200-2473
Project Manager ***Pat Sullivan***	E-Mail: SCHMIDTCE@aol.com
Requested Completion Date	

Client Address and Phone Number
3900 Kilroy Airport Way, Suite 100
Long Beach, CA 90806 562-743-7895

Laboratory Name
EAS

Laboratory Address
173 Cross Street
San Luis Obispo, CA 93401

Laboratory Phone
805-781-3585

Laboratory Contact
Dr. Steve Hoyt
stevehoyt@easlab.com

Station Number	Date	Time	COMP	GRAB	Sample ID Number	Can ID Number	# OF CONTAINERS	Sample Container: Vial	Sample Container: Can	Sample Container: Tube	Analysis Requested: TO-12 FID (TNMHC)	TO-14 FID (See back)	TO-15 (List on back)	Fixed gases (i.List on back)	1,1-DFA Tracer	Can Pressure In (Inches Hg)	Can Pressure Out (Inches	Remarks
	3/19/2026	939		x	T - 401	668 724	1		x		x	x	x	x	x	-29	0	
	3/19/2026	936		x	T - 402		1		x		x	x	x	x	x	-29	0	
	3/19/2026	930		x	T - 403	550	1		x		x	x	x	x	x	-29	0	
	3/19/2026	927		x	T - 404	675	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1036		x	T - 405	638	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1038		x	T - 406	709	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1043		x	T - 407	663	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1042		x	T - 408	644	1		x		x	x	x	x	x	-29	0	
1213	3/19/2026	~~1215~~		x	T - 409	812	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1210		x	T - 410	783	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1204		x	T - 411	803	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1211		x	T - 412	704	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1217		x	T - 413	753	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1240		x	T - 414	610	1		x		x	x	x	x	x	-29	0	

Sampler: CESchmidt	Date/Time: 3/20/26 1000	Relinquished by: CESchmidt	Date/Time: 3/20/26 1200
Recieved by: EAS	Date/Time	Relinquished by	Date/Time
Recieved by	Date/Time	Relinquished by	Date/Time
Recieved by Laboratory: JBH	Date/Time: 3/20/26 1530	Sample Shipped Via: UPS FEDEX BUS Other	
Remarks:			

HAZWRAP/NEESA Y N
QC Level 1 2 3
COC
Ana Req
Cust Seal
Sample Condition

File: Chiquita Cyn Forms TO-15.xlsb Form: COC TO-15 D4

CE Schmidt, PhD, Environmental Consultant

Chain of Custody Record

Form Serial Number CES F1-02106	For Information Regarding These Samples Please Contact:
Client Name *SCS* *Chiquita Canyon Landfill*	**Dr. Charles E. Schmidt** 19200 Live Oak Road, Red Bluff, CA 96080 530-529-4256 Cell: 530-200-2473 E-Mail: SCHMIDTCE@aol.com
Project Manager *Pat Sullivan*	
Requested Completion Date	

Client Address and Phone Number
3900 Kilroy Airport Way, Suite 100
Long Beach, CA 90806 562-743-7895

Laboratory Name
EAS

Laboratory Address
173 Cross Street
San Luis Obispo, CA 93401

Laboratory Phone
805-781-3585

Laboratory Contact
Dr. Steve Hoyt
stevehoyt@easlab.com

Station Number	Date	Time	COMP	GRAB	Sample ID Number	Can ID Number	# OF CONTAINERS	Sample Container: Vial	Can	Tube	Analysis Requested: TO-12 FID (TNMHC)	TO-14 FID (See back)	TO-15 (List on back)	Fixed gases (list on back)	1,1-DFA Tracer	Can Pressure In (inches Hg)	Can Pressure Out (inches	Remarks
	3/20/2026	1004		x	T - 501	653	1		x		x	x	x	x	x	-29	0	
	3/20/2026	1009		x	T - 502	633	1		x		x	x	x	x	x	-29	0	
	3/20/2026	959		x	T - 503	739	1		x		x	x	x	x	x	-29	0	
	3/20/2026	956		x	T - 504	685	1		x		x	x	x	x	x	-29	0	
	3/20/2026	1117		x	T - 505	662	1		x		x	x	x	x	x	-29	0	
	3/20/2026	1113		x	T - 506	635	1		x		x	x	x	x	x	-29	0	
	3/20/2026	1120		x	T - 507	600	1		x		x	x	x	x	x	-29	0	
	3/20/2026	1110		x	T - 508	689	1		x		x	x	x	x	x	-29	0	
	3/20/2026	1116		x	T - 509	701	1		x		x	x	x	x	x	-29	0	
	3/20/2026	1145		x	T - 510	650	1		x		x	x	x	x	x	-29	0	
	~~3/20/2026~~			x	T - 511		1		x		x	x	x	x	x			
	3/20/2026			x	T - 512		1		x		x	x	x	x	x			
	3/20/2026			x	T - 513		1		x		x	x	x	x	x			
	~~3/20/2026~~			x	T - 514		1		x		x	x	x	x	x			

Sampler: DE Schmidt	Date/Time: 3/20/26 1700	Relinquished by: 3/20/26 1700	Date/Time: DE Schmidt
Recieved by: EAS	Date/Time	Relinquished by	Date/Time
Recieved by	Date/Time	Relinquished by	Date/Time
Recieved by Laboratory:	Date/Time: 3/20/26 1500	Sample Shipped Via: UPS FEDEX BUS Other	
Remarks			

HAZWRAP/NEESA Y N
QC Level 1 2 3
COC
Ana Req
Cust Seal
Sample Condition

File: Chiquita Cyn Forms TO-15.xlsb Form: COC TO-15 D5

000265 of 001164

Quality Control Report

EAS SDG Number: 226049

Project Number: 17807

QC Narrative

Samples were anlayzed in a daily analytical batch (DAB) designated by a QC batch number, and were analyzed using EAS standard laboratory QC specified in the EAS Quality Manual which may be different then the referrenced agency method. Any deviations from the EAS QC criteria are flagged in the Laboratory Control Reports or in the sample Analytical Reports.

Standard Laboratory QC Report

Unless project specific QC was requested, this Section containing the standard laboratory QC (Level 2) supplied with the Analytical Reports. Each sample is analyzed in a Daily Analytical Batch (DAB) which includes the method blank, a laboratory control spike (LCS) and a laboratory control duplicate (LCD). A Daily Analytical Batch QC report is supplied for each method requested.

Method Blank

The method blank is a laboratory generated sample which assesses the degree to which laboratory operations cause a false positive. The target analytes in the analytical reports for a daily analytical batch are "B" flagged if their concentrations are present in the Method Blank above the RL, unless the result is greater then ten times the blank value..

Laboratory Control Spike

A laboratory control spike is a well characterized matrix similar to the sample which is spiked and run in duplicate with each Daily Analytical Batch. The laboratory control spike results are reported as a percent recovery. The QC Criteria for the control spike is listed in the Laboratory Control Report. Any results outside the control limits are flagged with a "Q" on the Laboratory Control Report. The control spike contains an abbreviated list of compounds in the method, and may contain compounds not on the target list for the specified report.

Laboratory Control Duplicate

The laboratory control duplicate is a duplicate analysis of the laboratory control spike, a standard, or a sample depending on the method. The results are reported as a relative percent difference (RPD). The criteria for the duplicate is in the Laboratory Control Report for the Daily Analytical Batch. Any results outside the control limits are flagged with a "Q" on the Laboratory Control Report.

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: LABQC
Laboratory ID: B03256

File Name: B03256D.D
Description: METHOD BLANK
Canister:
QC_Batch: 032526-MA1

Date Sampled: **Time:**
Date Analyzed: 3/25/2026 **Time:** 14:33
Can Dilution Factor: 1.00
Air Volume: 1000 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.10	0.25	ND	0.17	0.43	ND	
75-71-8	Dichlorodifluoromethane	0.15	0.25	ND	0.74	1.24	ND	
67-56-1	Methanol	0.50	0.60	ND	0.66	0.79	ND	
74-87-3	Chloromethane	0.15	0.25	ND	0.31	0.52	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.10	0.25	ND	0.70	1.75	ND	
75-01-4	Vinyl chloride	0.05	0.25	ND	0.13	0.64	ND	
106-99-0	1,3-Butadiene	0.05	0.25	ND	0.11	0.55	ND	
74-83-9	Bromomethane	0.10	0.25	ND	0.39	0.97	ND	
75-00-3	Chloroethane	0.10	0.25	ND	0.26	0.66	ND	
64-17-5	Ethanol	0.50	3.21	ND	0.94	6.06	ND	
107-02-8	Acrolein	0.10	0.30	ND	0.23	0.69	ND	
75-69-4	Trichlorofluoromethane	0.10	0.25	ND	0.56	1.41	ND	
67-64-1	Acetone	0.50	0.60	ND	1.19	1.43	ND	
67-63-0	2-propanol (isopropylalcohol)	0.20	1.25	ND	0.49	3.08	ND	
75-65-0	t-Butyl alcohol	0.10	1.00	ND	0.30	3.03	ND	
4227-95-6	Methyl iodide	0.10	0.30	ND	0.59	1.76	ND	
75-35-4	1,1-Dichloroethene	0.05	0.25	ND	0.20	0.99	ND	
107-13-1	Acrylonitrile	0.20	0.30	ND	0.43	0.65	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.05	0.25	ND	0.38	1.92	ND	
107-05-1	Allyl chloride	0.05	1.00	ND	0.16	3.13	ND	
75-09-2	Methylene chloride	0.05	0.25	ND	0.17	0.87	ND	
75-15-0	Carbon disulfide	0.10	0.25	ND	0.31	0.78	ND	
156-60-5	trans-1,2-Dichloroethene	0.05	0.20	ND	0.20	0.79	ND	
1634-04-4	Methyl tert butyl ether	0.10	0.20	ND	0.36	0.72	ND	
107-12-0	Propionitrile	0.25	0.40	ND	0.56	0.90	ND	
75-34-3	1,1-Dichloroethane	0.05	0.25	ND	0.20	1.01	ND	
637-92-3	Ethyl tert butyl ether	0.10	0.25	ND	0.42	1.05	ND	
108-05-4	Vinyl acetate	0.05	1.00	ND	0.18	3.53	ND	
78-93-3	2-Butanone (MEK)	0.10	0.30	ND	0.30	0.89	ND	
108-20-3	Diisopropyl ether	0.10	0.60	ND	0.42	2.51	ND	
110-54-3	Hexane	0.10	0.25	ND	0.35	0.88	ND	
126-98-7	Methacrylonitrile	0.10	0.25	ND	0.27	0.69	ND	
141-78-6	Ethyl acetate	0.10	0.25	ND	0.36	0.90	ND	
74-97-5	Bromochloromethane	0.05	0.25	ND	0.26	1.32	ND	
96-33-3	Methyl acrylate	0.10	0.50	ND	0.35	1.76	ND	
109-99-9	Tetrahydrofuran	0.05	0.30	ND	0.15	0.89	ND	
78-83-1	Isobutyl alcohol	0.20	0.80	ND	0.61	2.43	ND	
156-59-2	cis-1,2-Dichloroethene	0.05	0.25	ND	0.20	0.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
594-20-7	2,2-Dichloropropane	0.05	0.25	ND	0.23	1.16	ND	
67-66-3	Chloroform	0.05	0.25	ND	0.25	1.22	ND	
71-55-6	1,1,1-Trichloroethane	0.05	0.25	ND	0.27	1.37	ND	
107-06-2	1,2-Dichloroethane	0.05	0.25	ND	0.20	1.01	ND	
563-58-6	1,1-Dichloropropene	0.05	0.25	ND	0.23	1.14	ND	
110-82-7	Cyclohexane	0.05	0.25	ND	0.17	0.86	ND	
71-43-2	Benzene	0.35	0.50	ND	1.12	1.60	ND	
56-23-5	Carbon tetrachloride	0.05	0.25	ND	0.31	1.57	ND	
994-05-8	t-Amyl methyl ether	0.10	0.50	ND	0.42	2.09	ND	
540-84-1	2,2,4-Trimethylpentane	0.05	0.25	ND	0.23	1.17	ND	
142-82-5	n-Heptane	0.10	0.25	ND	0.41	1.03	ND	
78-87-5	1,2-Dichloropropane	0.05	0.25	ND	0.23	1.16	ND	
123-91-1	1,4 Dioxane	0.10	0.50	ND	0.36	1.80	ND	
74-95-3	Dibromomethane	0.05	0.25	ND	0.36	1.78	ND	
79-01-6	Trichloroethene (TCE)	0.03	0.25	ND	0.13	1.35	ND	
75-27-4	Bromodichloromethane	0.05	0.25	ND	0.34	1.68	ND	
80-62-6	Methyl methacrylate	0.10	0.25	ND	0.41	1.02	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	0.80	ND	0.41	3.28	ND	
10061-01-5	cis-1,3-Dichloropropene	0.05	0.25	ND	0.23	1.14	ND	
108-88-3	Toluene	0.20	0.25	ND	0.75	0.94	ND	
10061-02-6	trans-1,3-Dichloropropene	0.05	0.25	ND	0.23	1.14	ND	
79-00-5	1,1,2-Trichloroethane	0.05	0.25	ND	0.27	1.37	ND	
97-63-2	Ethyl methacrylate	0.10	0.25	ND	0.47	1.17	ND	
591-78-6	2-Hexanone	0.10	0.80	ND	0.41	3.28	ND	
142-28-9	1,3-Dichloropropane	0.05	0.70	ND	0.23	3.24	ND	
111-65-9	Octane	0.10	0.25	ND	0.47	1.17	ND	
124-48-1	Dibromochloromethane	0.10	0.25	ND	0.85	2.13	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.10	0.25	ND	0.77	1.92	ND	
127-18-4	Tetrachloroethene (PCE)	0.03	0.25	ND	0.17	1.70	ND	
108-90-7	Chlorobenzene	0.10	0.25	ND	0.46	1.15	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.10	0.25	ND	0.69	1.72	ND	
100-41-4	Ethylbenzene	0.10	0.25	ND	0.43	1.09	ND	
1330-20-7	m,p-Xylenes	0.10	0.25	ND	0.43	1.09	ND	
111-84-2	Nonane	0.10	0.25	ND	0.53	1.31	ND	
100-42-5	Styrene	0.15	0.25	ND	0.64	1.07	ND	
75-25-2	Bromoform	0.10	0.25	ND	1.03	2.59	ND	
95-47-6	o-Xylene	0.10	0.25	ND	0.43	1.09	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.20	0.50	ND	1.37	3.44	ND	
96-18-4	1,2,3-Trichloropropane	0.20	0.60	ND	1.21	3.62	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.20	0.60	ND	1.02	3.07	ND	
103-65-1	n-Propylbenzene	0.20	0.70	ND	0.98	3.45	ND	
98-82-8	Isopropylbenzene	0.20	0.70	ND	0.98	3.45	ND	
622-96-8	4-Ethyltoluene	0.20	1.60	ND	0.98	7.88	ND	
108-67-8	1,3,5-Trimethylbenzene	0.20	0.90	ND	0.98	4.43	ND	
124-18-5	Decane	0.20	0.60	ND	1.17	3.50	ND	
98-06-6	tert-butyl benzene	0.20	0.60	ND	1.10	3.30	ND	
95-63-6	1,2,4-Trimethylbenzene	0.20	0.90	ND	0.98	4.43	ND	
538-93-2	i-Butylbenzene	0.20	0.60	ND	1.10	3.30	ND	
135-98-8	sec-butylbenzene	0.20	0.70	ND	1.10	3.85	ND	
541-73-1	1,3-Dichlorobenzene	0.20	0.80	ND	1.20	4.82	ND	
99-87-6	Isopropyltoluene	0.20	0.60	ND	1.10	3.30	ND	
100-44-7	Benzyl chloride	0.20	0.50	ND	1.04	2.59	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
106-46-7	1,4-Dichlorobenzene	0.20	0.50	ND	1.20	3.01	ND	
104-51-8	n-Butylbenzene	0.20	0.60	ND	1.10	3.30	ND	
95-50-1	1,2-Dichlorobenzene	0.20	0.70	ND	1.20	4.21	ND	
96-12-8	1,2-Dibromo-3-chloropropane	0.30	0.70	ND	2.90	6.77	ND	
120-82-1	1,2,4-Trichlorobenzene	0.30	0.50	ND	2.23	3.71	ND	
91-20-3	Naphthalene	0.50	0.10	ND	2.63	0.53	ND	
87-61-6	1,2,3-Trichlorobenzene	0.30	0.50	ND	2.23	3.71	ND	
87-68-3	Hexachlorobutadiene	0.25	0.30	ND	2.67	3.20	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	113	70	130	

TRACER

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: LABQC
Laboratory ID: B03256

File Name: B03256D.D
Description METHOD BLANK
Canister:
QC_Batch: 032526-MA1

Date Sampled: **Time:**
Date Analyzed: 3/25/2026 **Time:** 14:33
Can Dilution Factor: 1.00
Air Volume: 1000 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.25	0.30	ND	0.68	0.81	ND	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: LABQC
Laboratory ID: B03256

File Name: LABQC
Description METHOD BLANK
Canister:
QC_Batch: 032526-MA1

Date Sampled:
Date Analyzed: 3/25/2026
Can Dilution Factor: 1.00
Air Volume: 1000.00 ml

Time:
Time: 14:33

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	0.70	1.50	ND	2.87	6.14	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: LABQC
Laboratory ID: B03266

File Name: B03266D.D
Description: METHOD BLANK
Canister:
QC_Batch: 032626-MA1

Date Sampled: **Time:**
Date Analyzed: 3/26/2026 **Time:** 12:16
Can Dilution Factor: 1.00
Air Volume: 1000 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.10	0.25	ND	0.17	0.43	ND	
75-71-8	Dichlorodifluoromethane	0.15	0.25	ND	0.74	1.24	ND	
67-56-1	Methanol	0.50	0.60	ND	0.66	0.79	ND	
74-87-3	Chloromethane	0.15	0.25	ND	0.31	0.52	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.10	0.25	ND	0.70	1.75	ND	
75-01-4	Vinyl chloride	0.05	0.25	ND	0.13	0.64	ND	
106-99-0	1,3-Butadiene	0.05	0.25	ND	0.11	0.55	ND	
74-83-9	Bromomethane	0.10	0.25	ND	0.39	0.97	ND	
75-00-3	Chloroethane	0.10	0.25	ND	0.26	0.66	ND	
64-17-5	Ethanol	0.50	3.21	ND	0.94	6.06	ND	
107-02-8	Acrolein	0.10	0.30	ND	0.23	0.69	ND	
75-69-4	Trichlorofluoromethane	0.10	0.25	ND	0.56	1.41	ND	
67-64-1	Acetone	0.50	0.60	ND	1.19	1.43	ND	
67-63-0	2-propanol (isopropylalcohol)	0.20	1.25	ND	0.49	3.08	ND	
75-65-0	t-Butyl alcohol	0.10	1.00	ND	0.30	3.03	ND	
4227-95-6	Methyl iodide	0.10	0.30	ND	0.59	1.76	ND	
75-35-4	1,1-Dichloroethene	0.05	0.25	ND	0.20	0.99	ND	
107-13-1	Acrylonitrile	0.20	0.30	ND	0.43	0.65	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.05	0.25	ND	0.38	1.92	ND	
107-05-1	Allyl chloride	0.05	1.00	ND	0.16	3.13	ND	
75-09-2	Methylene chloride	0.05	0.25	ND	0.17	0.87	ND	
75-15-0	Carbon disulfide	0.10	0.25	ND	0.31	0.78	ND	
156-60-5	trans-1,2-Dichloroethene	0.05	0.20	ND	0.20	0.79	ND	
1634-04-4	Methyl tert butyl ether	0.10	0.20	ND	0.36	0.72	ND	
107-12-0	Propionitrile	0.25	0.40	ND	0.56	0.90	ND	
75-34-3	1,1-Dichloroethane	0.05	0.25	ND	0.20	1.01	ND	
637-92-3	Ethyl tert butyl ether	0.10	0.25	ND	0.42	1.05	ND	
108-05-4	Vinyl acetate	0.05	1.00	ND	0.18	3.53	ND	
78-93-3	2-Butanone (MEK)	0.10	0.30	ND	0.30	0.89	ND	
108-20-3	Diisopropyl ether	0.10	0.60	ND	0.42	2.51	ND	
110-54-3	Hexane	0.10	0.25	ND	0.35	0.88	ND	
126-98-7	Methacrylonitrile	0.10	0.25	ND	0.27	0.69	ND	
141-78-6	Ethyl acetate	0.10	0.25	ND	0.36	0.90	ND	
74-97-5	Bromochloromethane	0.05	0.25	ND	0.26	1.32	ND	
96-33-3	Methyl acrylate	0.10	0.50	ND	0.35	1.76	ND	
109-99-9	Tetrahydrofuran	0.05	0.30	ND	0.15	0.89	ND	
78-83-1	Isobutyl alcohol	0.20	0.80	ND	0.61	2.43	ND	
156-59-2	cis-1,2-Dichloroethene	0.05	0.25	ND	0.20	0.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
594-20-7	2,2-Dichloropropane	0.05	0.25	ND	0.23	1.16	ND	
67-66-3	Chloroform	0.05	0.25	ND	0.25	1.22	ND	
71-55-6	1,1,1-Trichloroethane	0.05	0.25	ND	0.27	1.37	ND	
107-06-2	1,2-Dichloroethane	0.05	0.25	ND	0.20	1.01	ND	
563-58-6	1,1-Dichloropropene	0.05	0.25	ND	0.23	1.14	ND	
110-82-7	Cyclohexane	0.05	0.25	ND	0.17	0.86	ND	
71-43-2	Benzene	0.35	0.50	ND	1.12	1.60	ND	
56-23-5	Carbon tetrachloride	0.05	0.25	ND	0.31	1.57	ND	
994-05-8	t-Amyl methyl ether	0.10	0.50	ND	0.42	2.09	ND	
540-84-1	2,2,4-Trimethylpentane	0.05	0.25	ND	0.23	1.17	ND	
142-82-5	n-Heptane	0.10	0.25	ND	0.41	1.03	ND	
78-87-5	1,2-Dichloropropane	0.05	0.25	ND	0.23	1.16	ND	
123-91-1	1,4 Dioxane	0.10	0.50	ND	0.36	1.80	ND	
74-95-3	Dibromomethane	0.05	0.25	ND	0.36	1.78	ND	
79-01-6	Trichloroethene (TCE)	0.03	0.25	ND	0.13	1.35	ND	
75-27-4	Bromodichloromethane	0.05	0.25	ND	0.34	1.68	ND	
80-62-6	Methyl methacrylate	0.10	0.25	ND	0.41	1.02	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	0.80	ND	0.41	3.28	ND	
10061-01-5	cis-1,3-Dichloropropene	0.05	0.25	ND	0.23	1.14	ND	
108-88-3	Toluene	0.20	0.25	ND	0.75	0.94	ND	
10061-02-6	trans-1,3-Dichloropropene	0.05	0.25	ND	0.23	1.14	ND	
79-00-5	1,1,2-Trichloroethane	0.05	0.25	ND	0.27	1.37	ND	
97-63-2	Ethyl methacrylate	0.10	0.25	ND	0.47	1.17	ND	
591-78-6	2-Hexanone	0.10	0.80	ND	0.41	3.28	ND	
142-28-9	1,3-Dichloropropane	0.05	0.70	ND	0.23	3.24	ND	
111-65-9	Octane	0.10	0.25	ND	0.47	1.17	ND	
124-48-1	Dibromochloromethane	0.10	0.25	ND	0.85	2.13	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.10	0.25	ND	0.77	1.92	ND	
127-18-4	Tetrachloroethene (PCE)	0.03	0.25	ND	0.17	1.70	ND	
108-90-7	Chlorobenzene	0.10	0.25	ND	0.46	1.15	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.10	0.25	ND	0.69	1.72	ND	
100-41-4	Ethylbenzene	0.10	0.25	ND	0.43	1.09	ND	
1330-20-7	m,p-Xylenes	0.10	0.25	ND	0.43	1.09	ND	
111-84-2	Nonane	0.10	0.25	ND	0.53	1.31	ND	
100-42-5	Styrene	0.15	0.25	ND	0.64	1.07	ND	
75-25-2	Bromoform	0.10	0.25	ND	1.03	2.59	ND	
95-47-6	o-Xylene	0.10	0.25	ND	0.43	1.09	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.20	0.50	ND	1.37	3.44	ND	
96-18-4	1,2,3-Trichloropropane	0.20	0.60	ND	1.21	3.62	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.20	0.60	ND	1.02	3.07	ND	
103-65-1	n-Propylbenzene	0.20	0.70	ND	0.98	3.45	ND	
98-82-8	Isopropylbenzene	0.20	0.70	ND	0.98	3.45	ND	
622-96-8	4-Ethyltoluene	0.20	1.60	ND	0.98	7.88	ND	
108-67-8	1,3,5-Trimethylbenzene	0.20	0.90	ND	0.98	4.43	ND	
124-18-5	Decane	0.20	0.60	ND	1.17	3.50	ND	
98-06-6	tert-butyl benzene	0.20	0.60	ND	1.10	3.30	ND	
95-63-6	1,2,4-Trimethylbenzene	0.20	0.90	ND	0.98	4.43	ND	
538-93-2	i-Butylbenzene	0.20	0.60	ND	1.10	3.30	ND	
135-98-8	sec-butylbenzene	0.20	0.70	ND	1.10	3.85	ND	
541-73-1	1,3-Dichlorobenzene	0.20	0.80	ND	1.20	4.82	ND	
99-87-6	Isopropyltoluene	0.20	0.60	ND	1.10	3.30	ND	
100-44-7	Benzyl chloride	0.20	0.50	ND	1.04	2.59	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
106-46-7	1,4-Dichlorobenzene	0.20	0.50	ND	1.20	3.01	ND	
104-51-8	n-Butylbenzene	0.20	0.60	ND	1.10	3.30	ND	
95-50-1	1,2-Dichlorobenzene	0.20	0.70	ND	1.20	4.21	ND	
96-12-8	1,2-Dibromo-3-chloropropane	0.30	0.70	ND	2.90	6.77	ND	
120-82-1	1,2,4-Trichlorobenzene	0.30	0.50	ND	2.23	3.71	ND	
91-20-3	Naphthalene	0.50	0.10	ND	2.63	0.53	ND	
87-61-6	1,2,3-Trichlorobenzene	0.30	0.50	ND	2.23	3.71	ND	
87-68-3	Hexachlorobutadiene	0.25	0.30	ND	2.67	3.20	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	95	70	130	

TRACER

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: LABQC
Laboratory ID: B03266

File Name: B03266D.D
Description METHOD BLANK
Canister:
QC_Batch: 032626-MA1

Date Sampled: **Time:**
Date Analyzed: 3/26/2026 **Time:** 12:16
Can Dilution Factor: 1.00
Air Volume: 1000 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.25	0.30	ND	0.68	0.81	ND	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: LABQC
Laboratory ID: B03266

File Name: LABQC
Description METHOD BLANK
Canister:
QC_Batch: 032626-MA1

Date Sampled:
Date Analyzed: 3/26/2026
Can Dilution Factor: 1.00
Air Volume: 1000.00 ml

Time:
Time: 12:16

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	0.70	1.50	ND	2.87	6.14	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: LABQC
Laboratory ID: B03306

File Name: B03306C.D
Description: METHOD BLANK
Canister:
QC_Batch: 033026-MA1

Date Sampled: **Time:**
Date Analyzed: 3/30/2026 **Time:** 11:45
Can Dilution Factor: 1.00
Air Volume: 1000 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.10	0.25	ND	0.17	0.43	ND	
75-71-8	Dichlorodifluoromethane	0.15	0.25	ND	0.74	1.24	ND	
67-56-1	Methanol	0.50	0.60	ND	0.66	0.79	ND	
74-87-3	Chloromethane	0.15	0.25	ND	0.31	0.52	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.10	0.25	ND	0.70	1.75	ND	
75-01-4	Vinyl chloride	0.05	0.25	ND	0.13	0.64	ND	
106-99-0	1,3-Butadiene	0.05	0.25	ND	0.11	0.55	ND	
74-83-9	Bromomethane	0.10	0.25	ND	0.39	0.97	ND	
75-00-3	Chloroethane	0.10	0.25	ND	0.26	0.66	ND	
64-17-5	Ethanol	0.50	3.21	ND	0.94	6.06	ND	
107-02-8	Acrolein	0.10	0.30	ND	0.23	0.69	ND	
75-69-4	Trichlorofluoromethane	0.10	0.25	ND	0.56	1.41	ND	
67-64-1	Acetone	0.50	0.60	ND	1.19	1.43	ND	
67-63-0	2-propanol (isopropylalcohol)	0.20	1.25	ND	0.49	3.08	ND	
75-65-0	t-Butyl alcohol	0.10	1.00	ND	0.30	3.03	ND	
4227-95-6	Methyl iodide	0.10	0.30	ND	0.59	1.76	ND	
75-35-4	1,1-Dichloroethene	0.05	0.25	ND	0.20	0.99	ND	
107-13-1	Acrylonitrile	0.20	0.30	ND	0.43	0.65	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.05	0.25	ND	0.38	1.92	ND	
107-05-1	Allyl chloride	0.05	1.00	ND	0.16	3.13	ND	
75-09-2	Methylene chloride	0.05	0.25	ND	0.17	0.87	ND	
75-15-0	Carbon disulfide	0.10	0.25	ND	0.31	0.78	ND	
156-60-5	trans-1,2-Dichloroethene	0.05	0.20	ND	0.20	0.79	ND	
1634-04-4	Methyl tert butyl ether	0.10	0.20	ND	0.36	0.72	ND	
107-12-0	Propionitrile	0.25	0.40	ND	0.56	0.90	ND	
75-34-3	1,1-Dichloroethane	0.05	0.25	ND	0.20	1.01	ND	
637-92-3	Ethyl tert butyl ether	0.10	0.25	ND	0.42	1.05	ND	
108-05-4	Vinyl acetate	0.05	1.00	ND	0.18	3.53	ND	
78-93-3	2-Butanone (MEK)	0.10	0.30	ND	0.30	0.89	ND	
108-20-3	Diisopropyl ether	0.10	0.60	ND	0.42	2.51	ND	
110-54-3	Hexane	0.10	0.25	ND	0.35	0.88	ND	
126-98-7	Methacrylonitrile	0.10	0.25	ND	0.27	0.69	ND	
141-78-6	Ethyl acetate	0.10	0.25	ND	0.36	0.90	ND	
74-97-5	Bromochloromethane	0.05	0.25	ND	0.26	1.32	ND	
96-33-3	Methyl acrylate	0.10	0.50	ND	0.35	1.76	ND	
109-99-9	Tetrahydrofuran	0.05	0.30	ND	0.15	0.89	ND	
78-83-1	Isobutyl alcohol	0.20	0.80	ND	0.61	2.43	ND	
156-59-2	cis-1,2-Dichloroethene	0.05	0.25	ND	0.20	0.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
594-20-7	2,2-Dichloropropane	0.05	0.25	ND	0.23	1.16	ND	
67-66-3	Chloroform	0.05	0.25	ND	0.25	1.22	ND	
71-55-6	1,1,1-Trichloroethane	0.05	0.25	ND	0.27	1.37	ND	
107-06-2	1,2-Dichloroethane	0.05	0.25	ND	0.20	1.01	ND	
563-58-6	1,1-Dichloropropene	0.05	0.25	ND	0.23	1.14	ND	
110-82-7	Cyclohexane	0.05	0.25	ND	0.17	0.86	ND	
71-43-2	Benzene	0.35	0.50	ND	1.12	1.60	ND	
56-23-5	Carbon tetrachloride	0.05	0.25	ND	0.31	1.57	ND	
994-05-8	t-Amyl methyl ether	0.10	0.50	ND	0.42	2.09	ND	
540-84-1	2,2,4-Trimethylpentane	0.05	0.25	ND	0.23	1.17	ND	
142-82-5	n-Heptane	0.10	0.25	ND	0.41	1.03	ND	
78-87-5	1,2-Dichloropropane	0.05	0.25	ND	0.23	1.16	ND	
123-91-1	1,4 Dioxane	0.10	0.50	ND	0.36	1.80	ND	
74-95-3	Dibromomethane	0.05	0.25	ND	0.36	1.78	ND	
79-01-6	Trichloroethene (TCE)	0.03	0.25	ND	0.13	1.35	ND	
75-27-4	Bromodichloromethane	0.05	0.25	ND	0.34	1.68	ND	
80-62-6	Methyl methacrylate	0.10	0.25	ND	0.41	1.02	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	0.80	ND	0.41	3.28	ND	
10061-01-5	cis-1,3-Dichloropropene	0.05	0.25	ND	0.23	1.14	ND	
108-88-3	Toluene	0.20	0.25	ND	0.75	0.94	ND	
10061-02-6	trans-1,3-Dichloropropene	0.05	0.25	ND	0.23	1.14	ND	
79-00-5	1,1,2-Trichloroethane	0.05	0.25	ND	0.27	1.37	ND	
97-63-2	Ethyl methacrylate	0.10	0.25	ND	0.47	1.17	ND	
591-78-6	2-Hexanone	0.10	0.80	ND	0.41	3.28	ND	
142-28-9	1,3-Dichloropropane	0.05	0.70	ND	0.23	3.24	ND	
111-65-9	Octane	0.10	0.25	ND	0.47	1.17	ND	
124-48-1	Dibromochloromethane	0.10	0.25	ND	0.85	2.13	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.10	0.25	ND	0.77	1.92	ND	
127-18-4	Tetrachloroethene (PCE)	0.03	0.25	ND	0.17	1.70	ND	
108-90-7	Chlorobenzene	0.10	0.25	ND	0.46	1.15	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.10	0.25	ND	0.69	1.72	ND	
100-41-4	Ethylbenzene	0.10	0.25	ND	0.43	1.09	ND	
1330-20-7	m,p-Xylenes	0.10	0.25	ND	0.43	1.09	ND	
111-84-2	Nonane	0.10	0.25	ND	0.53	1.31	ND	
100-42-5	Styrene	0.15	0.25	ND	0.64	1.07	ND	
75-25-2	Bromoform	0.10	0.25	ND	1.03	2.59	ND	
95-47-6	o-Xylene	0.10	0.25	ND	0.43	1.09	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.20	0.50	ND	1.37	3.44	ND	
96-18-4	1,2,3-Trichloropropane	0.20	0.60	ND	1.21	3.62	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.20	0.60	ND	1.02	3.07	ND	
103-65-1	n-Propylbenzene	0.20	0.70	ND	0.98	3.45	ND	
98-82-8	Isopropylbenzene	0.20	0.70	ND	0.98	3.45	ND	
622-96-8	4-Ethyltoluene	0.20	1.60	ND	0.98	7.88	ND	
108-67-8	1,3,5-Trimethylbenzene	0.20	0.90	ND	0.98	4.43	ND	
124-18-5	Decane	0.20	0.60	ND	1.17	3.50	ND	
98-06-6	tert-butyl benzene	0.20	0.60	ND	1.10	3.30	ND	
95-63-6	1,2,4-Trimethylbenzene	0.20	0.90	ND	0.98	4.43	ND	
538-93-2	i-Butylbenzene	0.20	0.60	ND	1.10	3.30	ND	
135-98-8	sec-butylbenzene	0.20	0.70	ND	1.10	3.85	ND	
541-73-1	1,3-Dichlorobenzene	0.20	0.80	ND	1.20	4.82	ND	
99-87-6	Isopropyltoluene	0.20	0.60	ND	1.10	3.30	ND	
100-44-7	Benzyl chloride	0.20	0.50	ND	1.04	2.59	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
106-46-7	1,4-Dichlorobenzene	0.20	0.50	ND	1.20	3.01	ND	
104-51-8	n-Butylbenzene	0.20	0.60	ND	1.10	3.30	ND	
95-50-1	1,2-Dichlorobenzene	0.20	0.70	ND	1.20	4.21	ND	
96-12-8	1,2-Dibromo-3-chloropropane	0.30	0.70	ND	2.90	6.77	ND	
120-82-1	1,2,4-Trichlorobenzene	0.30	0.50	ND	2.23	3.71	ND	
91-20-3	Naphthalene	0.50	0.10	ND	2.63	0.53	ND	
87-61-6	1,2,3-Trichlorobenzene	0.30	0.50	ND	2.23	3.71	ND	
87-68-3	Hexachlorobutadiene	0.25	0.30	ND	2.67	3.20	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	98	70	130	

TRACER

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: LABQC
Laboratory ID: B03306

File Name: B03306C.D
Description METHOD BLANK
Canister:
QC_Batch: 033026-MA1

Date Sampled: **Time:**
Date Analyzed: 3/30/2026 **Time:** 11:45
Can Dilution Factor: 1.00
Air Volume: 1000 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.25	0.30	ND	0.68	0.81	ND	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: LABQC
Laboratory ID: B03306

File Name: LABQC
Description METHOD BLANK
Canister:
QC_Batch: 033026-MA1

Date Sampled:
Date Analyzed: 3/30/2026
Can Dilution Factor: 1.00
Air Volume: 1000.00 ml

Time:
Time: 11:45

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	0.70	1.50	ND	2.87	6.14	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: LABQC
Laboratory ID: B03316

File Name: B03316D.D
Description: METHOD BLANK
Canister:
QC_Batch: 033126-MA1

Date Sampled:
Date Analyzed: 3/31/2026
Can Dilution Factor: 1.00
Air Volume: 1000 ml

Time:
Time: 12:10

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.10	0.25	ND	0.17	0.43	ND	
75-71-8	Dichlorodifluoromethane	0.15	0.25	ND	0.74	1.24	ND	
67-56-1	Methanol	0.50	0.60	ND	0.66	0.79	ND	
74-87-3	Chloromethane	0.15	0.25	ND	0.31	0.52	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.10	0.25	ND	0.70	1.75	ND	
75-01-4	Vinyl chloride	0.05	0.25	ND	0.13	0.64	ND	
106-99-0	1,3-Butadiene	0.05	0.25	ND	0.11	0.55	ND	
74-83-9	Bromomethane	0.10	0.25	ND	0.39	0.97	ND	
75-00-3	Chloroethane	0.10	0.25	ND	0.26	0.66	ND	
64-17-5	Ethanol	0.50	3.21	ND	0.94	6.06	ND	
107-02-8	Acrolein	0.10	0.30	ND	0.23	0.69	ND	
75-69-4	Trichlorofluoromethane	0.10	0.25	ND	0.56	1.41	ND	
67-64-1	Acetone	0.50	0.60	ND	1.19	1.43	ND	
67-63-0	2-propanol (isopropylalcohol)	0.20	1.25	ND	0.49	3.08	ND	
75-65-0	t-Butyl alcohol	0.10	1.00	ND	0.30	3.03	ND	
4227-95-6	Methyl iodide	0.10	0.30	ND	0.59	1.76	ND	
75-35-4	1,1-Dichloroethene	0.05	0.25	ND	0.20	0.99	ND	
107-13-1	Acrylonitrile	0.20	0.30	ND	0.43	0.65	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.05	0.25	ND	0.38	1.92	ND	
107-05-1	Allyl chloride	0.05	1.00	ND	0.16	3.13	ND	
75-09-2	Methylene chloride	0.05	0.25	ND	0.17	0.87	ND	
75-15-0	Carbon disulfide	0.10	0.25	ND	0.31	0.78	ND	
156-60-5	trans-1,2-Dichloroethene	0.05	0.20	ND	0.20	0.79	ND	
1634-04-4	Methyl tert butyl ether	0.10	0.20	ND	0.36	0.72	ND	
107-12-0	Propionitrile	0.25	0.40	ND	0.56	0.90	ND	
75-34-3	1,1-Dichloroethane	0.05	0.25	ND	0.20	1.01	ND	
637-92-3	Ethyl tert butyl ether	0.10	0.25	ND	0.42	1.05	ND	
108-05-4	Vinyl acetate	0.05	1.00	ND	0.18	3.53	ND	
78-93-3	2-Butanone (MEK)	0.10	0.30	ND	0.30	0.89	ND	
108-20-3	Diisopropyl ether	0.10	0.60	ND	0.42	2.51	ND	
110-54-3	Hexane	0.10	0.25	ND	0.35	0.88	ND	
126-98-7	Methacrylonitrile	0.10	0.25	ND	0.27	0.69	ND	
141-78-6	Ethyl acetate	0.10	0.25	ND	0.36	0.90	ND	
74-97-5	Bromochloromethane	0.05	0.25	ND	0.26	1.32	ND	
96-33-3	Methyl acrylate	0.10	0.50	ND	0.35	1.76	ND	
109-99-9	Tetrahydrofuran	0.05	0.30	ND	0.15	0.89	ND	
78-83-1	Isobutyl alcohol	0.20	0.80	ND	0.61	2.43	ND	
156-59-2	cis-1,2-Dichloroethene	0.05	0.25	ND	0.20	0.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
594-20-7	2,2-Dichloropropane	0.05	0.25	ND	0.23	1.16	ND	
67-66-3	Chloroform	0.05	0.25	ND	0.25	1.22	ND	
71-55-6	1,1,1-Trichloroethane	0.05	0.25	ND	0.27	1.37	ND	
107-06-2	1,2-Dichloroethane	0.05	0.25	ND	0.20	1.01	ND	
563-58-6	1,1-Dichloropropene	0.05	0.25	ND	0.23	1.14	ND	
110-82-7	Cyclohexane	0.05	0.25	ND	0.17	0.86	ND	
71-43-2	Benzene	0.35	0.50	ND	1.12	1.60	ND	
56-23-5	Carbon tetrachloride	0.05	0.25	ND	0.31	1.57	ND	
994-05-8	t-Amyl methyl ether	0.10	0.50	ND	0.42	2.09	ND	
540-84-1	2,2,4-Trimethylpentane	0.05	0.25	ND	0.23	1.17	ND	
142-82-5	n-Heptane	0.10	0.25	ND	0.41	1.03	ND	
78-87-5	1,2-Dichloropropane	0.05	0.25	ND	0.23	1.16	ND	
123-91-1	1,4 Dioxane	0.10	0.50	ND	0.36	1.80	ND	
74-95-3	Dibromomethane	0.05	0.25	ND	0.36	1.78	ND	
79-01-6	Trichloroethene (TCE)	0.03	0.25	ND	0.13	1.35	ND	
75-27-4	Bromodichloromethane	0.05	0.25	ND	0.34	1.68	ND	
80-62-6	Methyl methacrylate	0.10	0.25	ND	0.41	1.02	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	0.80	ND	0.41	3.28	ND	
10061-01-5	cis-1,3-Dichloropropene	0.05	0.25	ND	0.23	1.14	ND	
108-88-3	Toluene	0.20	0.25	ND	0.75	0.94	ND	
10061-02-6	trans-1,3-Dichloropropene	0.05	0.25	ND	0.23	1.14	ND	
79-00-5	1,1,2-Trichloroethane	0.05	0.25	ND	0.27	1.37	ND	
97-63-2	Ethyl methacrylate	0.10	0.25	ND	0.47	1.17	ND	
591-78-6	2-Hexanone	0.10	0.80	ND	0.41	3.28	ND	
142-28-9	1,3-Dichloropropane	0.05	0.70	ND	0.23	3.24	ND	
111-65-9	Octane	0.10	0.25	ND	0.47	1.17	ND	
124-48-1	Dibromochloromethane	0.10	0.25	ND	0.85	2.13	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.10	0.25	ND	0.77	1.92	ND	
127-18-4	Tetrachloroethene (PCE)	0.03	0.25	ND	0.17	1.70	ND	
108-90-7	Chlorobenzene	0.10	0.25	ND	0.46	1.15	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.10	0.25	ND	0.69	1.72	ND	
100-41-4	Ethylbenzene	0.10	0.25	ND	0.43	1.09	ND	
1330-20-7	m,p-Xylenes	0.10	0.25	ND	0.43	1.09	ND	
111-84-2	Nonane	0.10	0.25	ND	0.53	1.31	ND	
100-42-5	Styrene	0.15	0.25	ND	0.64	1.07	ND	
75-25-2	Bromoform	0.10	0.25	ND	1.03	2.59	ND	
95-47-6	o-Xylene	0.10	0.25	ND	0.43	1.09	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.20	0.50	ND	1.37	3.44	ND	
96-18-4	1,2,3-Trichloropropane	0.20	0.60	ND	1.21	3.62	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.20	0.60	ND	1.02	3.07	ND	
103-65-1	n-Propylbenzene	0.20	0.70	ND	0.98	3.45	ND	
98-82-8	Isopropylbenzene	0.20	0.70	ND	0.98	3.45	ND	
622-96-8	4-Ethyltoluene	0.20	1.60	ND	0.98	7.88	ND	
108-67-8	1,3,5-Trimethylbenzene	0.20	0.90	ND	0.98	4.43	ND	
124-18-5	Decane	0.20	0.60	ND	1.17	3.50	ND	
98-06-6	tert-butyl benzene	0.20	0.60	ND	1.10	3.30	ND	
95-63-6	1,2,4-Trimethylbenzene	0.20	0.90	ND	0.98	4.43	ND	
538-93-2	i-Butylbenzene	0.20	0.60	ND	1.10	3.30	ND	
135-98-8	sec-butylbenzene	0.20	0.70	ND	1.10	3.85	ND	
541-73-1	1,3-Dichlorobenzene	0.20	0.80	ND	1.20	4.82	ND	
99-87-6	Isopropyltoluene	0.20	0.60	ND	1.10	3.30	ND	
100-44-7	Benzyl chloride	0.20	0.50	ND	1.04	2.59	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
106-46-7	1,4-Dichlorobenzene	0.20	0.50	ND	1.20	3.01	ND	
104-51-8	n-Butylbenzene	0.20	0.60	ND	1.10	3.30	ND	
95-50-1	1,2-Dichlorobenzene	0.20	0.70	ND	1.20	4.21	ND	
96-12-8	1,2-Dibromo-3-chloropropane	0.30	0.70	ND	2.90	6.77	ND	
120-82-1	1,2,4-Trichlorobenzene	0.30	0.50	ND	2.23	3.71	ND	
91-20-3	Naphthalene	0.50	0.10	ND	2.63	0.53	ND	
87-61-6	1,2,3-Trichlorobenzene	0.30	0.50	ND	2.23	3.71	ND	
87-68-3	Hexachlorobutadiene	0.25	0.30	ND	2.67	3.20	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	97	70	130	

TRACER

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: LABQC
Laboratory ID: B03316

File Name: B03316D.D
Description METHOD BLANK
Canister:
QC_Batch: 033126-MA1

Date Sampled:
Date Analyzed: 3/31/2026
Can Dilution Factor: 1.00
Air Volume: 1000 ml

Time:
Time: 12:10

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.25	0.30	ND	0.68	0.81	ND	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: LABQC
Laboratory ID: B03316

File Name: LABQC
Description METHOD BLANK
Canister:
QC_Batch: 033126-MA1

Date Sampled:
Date Analyzed: 3/31/2026
Can Dilution Factor: 1.00
Air Volume: 1000.00 ml

Time:
Time: 12:10

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	0.70	1.50	ND	2.87	6.14	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: LABQC
Laboratory ID: B04016

File Name: B04016C.D
Description: METHOD BLANK
Canister:
QC_Batch: 040126-MA1

Date Sampled:
Date Analyzed: 4/1/2026
Can Dilution Factor: 1.00
Air Volume: 1000 ml

Time:
Time: 11:12

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.10	0.25	ND	0.17	0.43	ND	
75-71-8	Dichlorodifluoromethane	0.15	0.25	ND	0.74	1.24	ND	
67-56-1	Methanol	0.50	0.60	ND	0.66	0.79	ND	
74-87-3	Chloromethane	0.15	0.25	ND	0.31	0.52	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.10	0.25	ND	0.70	1.75	ND	
75-01-4	Vinyl chloride	0.05	0.25	ND	0.13	0.64	ND	
106-99-0	1,3-Butadiene	0.05	0.25	ND	0.11	0.55	ND	
74-83-9	Bromomethane	0.10	0.25	ND	0.39	0.97	ND	
75-00-3	Chloroethane	0.10	0.25	ND	0.26	0.66	ND	
64-17-5	Ethanol	0.50	3.21	ND	0.94	6.06	ND	
107-02-8	Acrolein	0.10	0.30	ND	0.23	0.69	ND	
75-69-4	Trichlorofluoromethane	0.10	0.25	ND	0.56	1.41	ND	
67-64-1	Acetone	0.50	0.60	ND	1.19	1.43	ND	
67-63-0	2-propanol (isopropylalcohol)	0.20	1.25	ND	0.49	3.08	ND	
75-65-0	t-Butyl alcohol	0.10	1.00	ND	0.30	3.03	ND	
4227-95-6	Methyl iodide	0.10	0.30	ND	0.59	1.76	ND	
75-35-4	1,1-Dichloroethene	0.05	0.25	ND	0.20	0.99	ND	
107-13-1	Acrylonitrile	0.20	0.30	ND	0.43	0.65	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.05	0.25	ND	0.38	1.92	ND	
107-05-1	Allyl chloride	0.05	1.00	ND	0.16	3.13	ND	
75-09-2	Methylene chloride	0.05	0.25	ND	0.17	0.87	ND	
75-15-0	Carbon disulfide	0.10	0.25	ND	0.31	0.78	ND	
156-60-5	trans-1,2-Dichloroethene	0.05	0.20	ND	0.20	0.79	ND	
1634-04-4	Methyl tert butyl ether	0.10	0.20	ND	0.36	0.72	ND	
107-12-0	Propionitrile	0.25	0.40	ND	0.56	0.90	ND	
75-34-3	1,1-Dichloroethane	0.05	0.25	ND	0.20	1.01	ND	
637-92-3	Ethyl tert butyl ether	0.10	0.25	ND	0.42	1.05	ND	
108-05-4	Vinyl acetate	0.05	1.00	ND	0.18	3.53	ND	
78-93-3	2-Butanone (MEK)	0.10	0.30	ND	0.30	0.89	ND	
108-20-3	Diisopropyl ether	0.10	0.60	ND	0.42	2.51	ND	
110-54-3	Hexane	0.10	0.25	ND	0.35	0.88	ND	
126-98-7	Methacrylonitrile	0.10	0.25	ND	0.27	0.69	ND	
141-78-6	Ethyl acetate	0.10	0.25	ND	0.36	0.90	ND	
74-97-5	Bromochloromethane	0.05	0.25	ND	0.26	1.32	ND	
96-33-3	Methyl acrylate	0.10	0.50	ND	0.35	1.76	ND	
109-99-9	Tetrahydrofuran	0.05	0.30	ND	0.15	0.89	ND	
78-83-1	Isobutyl alcohol	0.20	0.80	ND	0.61	2.43	ND	
156-59-2	cis-1,2-Dichloroethene	0.05	0.25	ND	0.20	0.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
594-20-7	2,2-Dichloropropane	0.05	0.25	ND	0.23	1.16	ND	
67-66-3	Chloroform	0.05	0.25	ND	0.25	1.22	ND	
71-55-6	1,1,1-Trichloroethane	0.05	0.25	ND	0.27	1.37	ND	
107-06-2	1,2-Dichloroethane	0.05	0.25	ND	0.20	1.01	ND	
563-58-6	1,1-Dichloropropene	0.05	0.25	ND	0.23	1.14	ND	
110-82-7	Cyclohexane	0.05	0.25	ND	0.17	0.86	ND	
71-43-2	Benzene	0.35	0.50	ND	1.12	1.60	ND	
56-23-5	Carbon tetrachloride	0.05	0.25	ND	0.31	1.57	ND	
994-05-8	t-Amyl methyl ether	0.10	0.50	ND	0.42	2.09	ND	
540-84-1	2,2,4-Trimethylpentane	0.05	0.25	ND	0.23	1.17	ND	
142-82-5	n-Heptane	0.10	0.25	ND	0.41	1.03	ND	
78-87-5	1,2-Dichloropropane	0.05	0.25	ND	0.23	1.16	ND	
123-91-1	1,4 Dioxane	0.10	0.50	ND	0.36	1.80	ND	
74-95-3	Dibromomethane	0.05	0.25	ND	0.36	1.78	ND	
79-01-6	Trichloroethene (TCE)	0.03	0.25	ND	0.13	1.35	ND	
75-27-4	Bromodichloromethane	0.05	0.25	ND	0.34	1.68	ND	
80-62-6	Methyl methacrylate	0.10	0.25	ND	0.41	1.02	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	0.80	ND	0.41	3.28	ND	
10061-01-5	cis-1,3-Dichloropropene	0.05	0.25	ND	0.23	1.14	ND	
108-88-3	Toluene	0.20	0.25	ND	0.75	0.94	ND	
10061-02-6	trans-1,3-Dichloropropene	0.05	0.25	ND	0.23	1.14	ND	
79-00-5	1,1,2-Trichloroethane	0.05	0.25	ND	0.27	1.37	ND	
97-63-2	Ethyl methacrylate	0.10	0.25	ND	0.47	1.17	ND	
591-78-6	2-Hexanone	0.10	0.80	ND	0.41	3.28	ND	
142-28-9	1,3-Dichloropropane	0.05	0.70	ND	0.23	3.24	ND	
111-65-9	Octane	0.10	0.25	ND	0.47	1.17	ND	
124-48-1	Dibromochloromethane	0.10	0.25	ND	0.85	2.13	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.10	0.25	ND	0.77	1.92	ND	
127-18-4	Tetrachloroethene (PCE)	0.03	0.25	ND	0.17	1.70	ND	
108-90-7	Chlorobenzene	0.10	0.25	ND	0.46	1.15	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.10	0.25	ND	0.69	1.72	ND	
100-41-4	Ethylbenzene	0.10	0.25	ND	0.43	1.09	ND	
1330-20-7	m,p-Xylenes	0.10	0.25	ND	0.43	1.09	ND	
111-84-2	Nonane	0.10	0.25	ND	0.53	1.31	ND	
100-42-5	Styrene	0.15	0.25	ND	0.64	1.07	ND	
75-25-2	Bromoform	0.10	0.25	ND	1.03	2.59	ND	
95-47-6	o-Xylene	0.10	0.25	ND	0.43	1.09	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.20	0.50	ND	1.37	3.44	ND	
96-18-4	1,2,3-Trichloropropane	0.20	0.60	ND	1.21	3.62	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.20	0.60	ND	1.02	3.07	ND	
103-65-1	n-Propylbenzene	0.20	0.70	ND	0.98	3.45	ND	
98-82-8	Isopropylbenzene	0.20	0.70	ND	0.98	3.45	ND	
622-96-8	4-Ethyltoluene	0.20	1.60	ND	0.98	7.88	ND	
108-67-8	1,3,5-Trimethylbenzene	0.20	0.90	ND	0.98	4.43	ND	
124-18-5	Decane	0.20	0.60	ND	1.17	3.50	ND	
98-06-6	tert-butyl benzene	0.20	0.60	ND	1.10	3.30	ND	
95-63-6	1,2,4-Trimethylbenzene	0.20	0.90	ND	0.98	4.43	ND	
538-93-2	i-Butylbenzene	0.20	0.60	ND	1.10	3.30	ND	
135-98-8	sec-butylbenzene	0.20	0.70	ND	1.10	3.85	ND	
541-73-1	1,3-Dichlorobenzene	0.20	0.80	ND	1.20	4.82	ND	
99-87-6	Isopropyltoluene	0.20	0.60	ND	1.10	3.30	ND	
100-44-7	Benzyl chloride	0.20	0.50	ND	1.04	2.59	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
106-46-7	1,4-Dichlorobenzene	0.20	0.50	ND	1.20	3.01	ND	
104-51-8	n-Butylbenzene	0.20	0.60	ND	1.10	3.30	ND	
95-50-1	1,2-Dichlorobenzene	0.20	0.70	ND	1.20	4.21	ND	
96-12-8	1,2-Dibromo-3-chloropropane	0.30	0.70	ND	2.90	6.77	ND	
120-82-1	1,2,4-Trichlorobenzene	0.30	0.50	ND	2.23	3.71	ND	
91-20-3	Naphthalene	0.50	0.10	ND	2.63	0.53	ND	
87-61-6	1,2,3-Trichlorobenzene	0.30	0.50	ND	2.23	3.71	ND	
87-68-3	Hexachlorobutadiene	0.25	0.30	ND	2.67	3.20	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	QC Limits UCL	Flag
2037-26-5	Toluene-d8	103	70	130	

TRACER

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: LABQC
Laboratory ID: B04016

File Name: B04016C.D
Description METHOD BLANK
Canister:
QC_Batch: 040126-MA1

Date Sampled:
Date Analyzed: 4/1/2026
Can Dilution Factor: 1.00
Air Volume: 1000 ml

Time:
Time: 11:12

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.25	0.30	ND	0.68	0.81	ND	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: LABQC
Laboratory ID: B04016

File Name: LABQC
Description METHOD BLANK
Canister:
QC_Batch: 040126-MA1

Date Sampled:
Date Analyzed: 4/1/2026
Can Dilution Factor: 1.00
Air Volume: 1000.00 ml

Time:
Time: 11:12

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	0.70	1.50	ND	2.87	6.14	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: LABQC
Laboratory ID: B04026

File Name: B04026C.D
Description: METHOD BLANK
Canister:
QC_Batch: 040226-MA1

Date Sampled:
Date Analyzed: 4/1/2026
Can Dilution Factor: 1.00
Air Volume: 1000 ml

Time:
Time: 11:46

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.10	0.25	ND	0.17	0.43	ND	
75-71-8	Dichlorodifluoromethane	0.15	0.25	ND	0.74	1.24	ND	
67-56-1	Methanol	0.50	0.60	ND	0.66	0.79	ND	
74-87-3	Chloromethane	0.15	0.25	ND	0.31	0.52	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.10	0.25	ND	0.70	1.75	ND	
75-01-4	Vinyl chloride	0.05	0.25	ND	0.13	0.64	ND	
106-99-0	1,3-Butadiene	0.05	0.25	ND	0.11	0.55	ND	
74-83-9	Bromomethane	0.10	0.25	ND	0.39	0.97	ND	
75-00-3	Chloroethane	0.10	0.25	ND	0.26	0.66	ND	
64-17-5	Ethanol	0.50	3.21	ND	0.94	6.06	ND	
107-02-8	Acrolein	0.10	0.30	ND	0.23	0.69	ND	
75-69-4	Trichlorofluoromethane	0.10	0.25	ND	0.56	1.41	ND	
67-64-1	Acetone	0.50	0.60	ND	1.19	1.43	ND	
67-63-0	2-propanol (isopropylalcohol)	0.20	1.25	ND	0.49	3.08	ND	
75-65-0	t-Butyl alcohol	0.10	1.00	ND	0.30	3.03	ND	
4227-95-6	Methyl iodide	0.10	0.30	ND	0.59	1.76	ND	
75-35-4	1,1-Dichloroethene	0.05	0.25	ND	0.20	0.99	ND	
107-13-1	Acrylonitrile	0.20	0.30	ND	0.43	0.65	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.05	0.25	ND	0.38	1.92	ND	
107-05-1	Allyl chloride	0.05	1.00	ND	0.16	3.13	ND	
75-09-2	Methylene chloride	0.05	0.25	ND	0.17	0.87	ND	
75-15-0	Carbon disulfide	0.10	0.25	ND	0.31	0.78	ND	
156-60-5	trans-1,2-Dichloroethene	0.05	0.20	ND	0.20	0.79	ND	
1634-04-4	Methyl tert butyl ether	0.10	0.20	ND	0.36	0.72	ND	
107-12-0	Propionitrile	0.25	0.40	ND	0.56	0.90	ND	
75-34-3	1,1-Dichloroethane	0.05	0.25	ND	0.20	1.01	ND	
637-92-3	Ethyl tert butyl ether	0.10	0.25	ND	0.42	1.05	ND	
108-05-4	Vinyl acetate	0.05	1.00	ND	0.18	3.53	ND	
78-93-3	2-Butanone (MEK)	0.10	0.30	ND	0.30	0.89	ND	
108-20-3	Diisopropyl ether	0.10	0.60	ND	0.42	2.51	ND	
110-54-3	Hexane	0.10	0.25	ND	0.35	0.88	ND	
126-98-7	Methacrylonitrile	0.10	0.25	ND	0.27	0.69	ND	
141-78-6	Ethyl acetate	0.10	0.25	ND	0.36	0.90	ND	
74-97-5	Bromochloromethane	0.05	0.25	ND	0.26	1.32	ND	
96-33-3	Methyl acrylate	0.10	0.50	ND	0.35	1.76	ND	
109-99-9	Tetrahydrofuran	0.05	0.30	ND	0.15	0.89	ND	
78-83-1	Isobutyl alcohol	0.20	0.80	ND	0.61	2.43	ND	
156-59-2	cis-1,2-Dichloroethene	0.05	0.25	ND	0.20	0.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
594-20-7	2,2-Dichloropropane	0.05	0.25	ND	0.23	1.16	ND	
67-66-3	Chloroform	0.05	0.25	ND	0.25	1.22	ND	
71-55-6	1,1,1-Trichloroethane	0.05	0.25	ND	0.27	1.37	ND	
107-06-2	1,2-Dichloroethane	0.05	0.25	ND	0.20	1.01	ND	
563-58-6	1,1-Dichloropropene	0.05	0.25	ND	0.23	1.14	ND	
110-82-7	Cyclohexane	0.05	0.25	ND	0.17	0.86	ND	
71-43-2	Benzene	0.35	0.50	ND	1.12	1.60	ND	
56-23-5	Carbon tetrachloride	0.05	0.25	ND	0.31	1.57	ND	
994-05-8	t-Amyl methyl ether	0.10	0.50	ND	0.42	2.09	ND	
540-84-1	2,2,4-Trimethylpentane	0.05	0.25	ND	0.23	1.17	ND	
142-82-5	n-Heptane	0.10	0.25	ND	0.41	1.03	ND	
78-87-5	1,2-Dichloropropane	0.05	0.25	ND	0.23	1.16	ND	
123-91-1	1,4 Dioxane	0.10	0.50	ND	0.36	1.80	ND	
74-95-3	Dibromomethane	0.05	0.25	ND	0.36	1.78	ND	
79-01-6	Trichloroethene (TCE)	0.03	0.25	ND	0.13	1.35	ND	
75-27-4	Bromodichloromethane	0.05	0.25	ND	0.34	1.68	ND	
80-62-6	Methyl methacrylate	0.10	0.25	ND	0.41	1.02	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	0.80	ND	0.41	3.28	ND	
10061-01-5	cis-1,3-Dichloropropene	0.05	0.25	ND	0.23	1.14	ND	
108-88-3	Toluene	0.20	0.25	ND	0.75	0.94	ND	
10061-02-6	trans-1,3-Dichloropropene	0.05	0.25	ND	0.23	1.14	ND	
79-00-5	1,1,2-Trichloroethane	0.05	0.25	ND	0.27	1.37	ND	
97-63-2	Ethyl methacrylate	0.10	0.25	ND	0.47	1.17	ND	
591-78-6	2-Hexanone	0.10	0.80	ND	0.41	3.28	ND	
142-28-9	1,3-Dichloropropane	0.05	0.70	ND	0.23	3.24	ND	
111-65-9	Octane	0.10	0.25	ND	0.47	1.17	ND	
124-48-1	Dibromochloromethane	0.10	0.25	ND	0.85	2.13	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.10	0.25	ND	0.77	1.92	ND	
127-18-4	Tetrachloroethene (PCE)	0.03	0.25	ND	0.17	1.70	ND	
108-90-7	Chlorobenzene	0.10	0.25	ND	0.46	1.15	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.10	0.25	ND	0.69	1.72	ND	
100-41-4	Ethylbenzene	0.10	0.25	ND	0.43	1.09	ND	
1330-20-7	m,p-Xylenes	0.10	0.25	ND	0.43	1.09	ND	
111-84-2	Nonane	0.10	0.25	ND	0.53	1.31	ND	
100-42-5	Styrene	0.15	0.25	ND	0.64	1.07	ND	
75-25-2	Bromoform	0.10	0.25	ND	1.03	2.59	ND	
95-47-6	o-Xylene	0.10	0.25	ND	0.43	1.09	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.20	0.50	ND	1.37	3.44	ND	
96-18-4	1,2,3-Trichloropropane	0.20	0.60	ND	1.21	3.62	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.20	0.60	ND	1.02	3.07	ND	
103-65-1	n-Propylbenzene	0.20	0.70	ND	0.98	3.45	ND	
98-82-8	Isopropylbenzene	0.20	0.70	ND	0.98	3.45	ND	
622-96-8	4-Ethyltoluene	0.20	1.60	ND	0.98	7.88	ND	
108-67-8	1,3,5-Trimethylbenzene	0.20	0.90	ND	0.98	4.43	ND	
124-18-5	Decane	0.20	0.60	ND	1.17	3.50	ND	
98-06-6	tert-butyl benzene	0.20	0.60	ND	1.10	3.30	ND	
95-63-6	1,2,4-Trimethylbenzene	0.20	0.90	ND	0.98	4.43	ND	
538-93-2	i-Butylbenzene	0.20	0.60	ND	1.10	3.30	ND	
135-98-8	sec-butylbenzene	0.20	0.70	ND	1.10	3.85	ND	
541-73-1	1,3-Dichlorobenzene	0.20	0.80	ND	1.20	4.82	ND	
99-87-6	Isopropyltoluene	0.20	0.60	ND	1.10	3.30	ND	
100-44-7	Benzyl chloride	0.20	0.50	ND	1.04	2.59	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
106-46-7	1,4-Dichlorobenzene	0.20	0.50	ND	1.20	3.01	ND	
104-51-8	n-Butylbenzene	0.20	0.60	ND	1.10	3.30	ND	
95-50-1	1,2-Dichlorobenzene	0.20	0.70	ND	1.20	4.21	ND	
96-12-8	1,2-Dibromo-3-chloropropane	0.30	0.70	ND	2.90	6.77	ND	
120-82-1	1,2,4-Trichlorobenzene	0.30	0.50	ND	2.23	3.71	ND	
91-20-3	Naphthalene	0.50	0.10	ND	2.63	0.53	ND	
87-61-6	1,2,3-Trichlorobenzene	0.30	0.50	ND	2.23	3.71	ND	
87-68-3	Hexachlorobutadiene	0.25	0.30	ND	2.67	3.20	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	99	70	130	

TRACER

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: LABQC
Laboratory ID: B04026

File Name: B04026C.D
Description METHOD BLANK
Canister:
QC_Batch: 040226-MA1

Date Sampled:
Date Analyzed: 4/1/2026
Can Dilution Factor: 1.00
Air Volume: 1000 ml

Time:
Time: 11:46

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.25	0.30	ND	0.68	0.81	ND	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: LABQC
Laboratory ID: B04026

File Name: LABQC
Description METHOD BLANK
Canister:
QC_Batch: 040226-MA1

Date Sampled:
Date Analyzed: 4/1/2026
Can Dilution Factor: 1.00
Air Volume: 1000.00 ml

Time:
Time: 11:46

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	0.70	1.50	ND	2.87	6.14	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: LABQC
Laboratory ID: B04036

File Name: B04036C.D
Description: METHOD BLANK
Canister:
QC_Batch: 040326-MA1

Date Sampled: **Time:**
Date Analyzed: 4/3/2026 **Time:** 10:18
Can Dilution Factor: 1.00
Air Volume: 1000 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.10	0.25	ND	0.17	0.43	ND	
75-71-8	Dichlorodifluoromethane	0.15	0.25	ND	0.74	1.24	ND	
67-56-1	Methanol	0.50	0.60	ND	0.66	0.79	ND	
74-87-3	Chloromethane	0.15	0.25	ND	0.31	0.52	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.10	0.25	ND	0.70	1.75	ND	
75-01-4	Vinyl chloride	0.05	0.25	ND	0.13	0.64	ND	
106-99-0	1,3-Butadiene	0.05	0.25	ND	0.11	0.55	ND	
74-83-9	Bromomethane	0.10	0.25	ND	0.39	0.97	ND	
75-00-3	Chloroethane	0.10	0.25	ND	0.26	0.66	ND	
64-17-5	Ethanol	0.50	3.21	ND	0.94	6.06	ND	
107-02-8	Acrolein	0.10	0.30	ND	0.23	0.69	ND	
75-69-4	Trichlorofluoromethane	0.10	0.25	ND	0.56	1.41	ND	
67-64-1	Acetone	0.50	0.60	ND	1.19	1.43	ND	
67-63-0	2-propanol (isopropylalcohol)	0.20	1.25	ND	0.49	3.08	ND	
75-65-0	t-Butyl alcohol	0.10	1.00	ND	0.30	3.03	ND	
4227-95-6	Methyl iodide	0.10	0.30	ND	0.59	1.76	ND	
75-35-4	1,1-Dichloroethene	0.05	0.25	ND	0.20	0.99	ND	
107-13-1	Acrylonitrile	0.20	0.30	ND	0.43	0.65	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.05	0.25	ND	0.38	1.92	ND	
107-05-1	Allyl chloride	0.05	1.00	ND	0.16	3.13	ND	
75-09-2	Methylene chloride	0.05	0.25	ND	0.17	0.87	ND	
75-15-0	Carbon disulfide	0.10	0.25	ND	0.31	0.78	ND	
156-60-5	trans-1,2-Dichloroethene	0.05	0.20	ND	0.20	0.79	ND	
1634-04-4	Methyl tert butyl ether	0.10	0.20	ND	0.36	0.72	ND	
107-12-0	Propionitrile	0.25	0.40	ND	0.56	0.90	ND	
75-34-3	1,1-Dichloroethane	0.05	0.25	ND	0.20	1.01	ND	
637-92-3	Ethyl tert butyl ether	0.10	0.25	ND	0.42	1.05	ND	
108-05-4	Vinyl acetate	0.05	1.00	ND	0.18	3.53	ND	
78-93-3	2-Butanone (MEK)	0.10	0.30	ND	0.30	0.89	ND	
108-20-3	Diisopropyl ether	0.10	0.60	ND	0.42	2.51	ND	
110-54-3	Hexane	0.10	0.25	ND	0.35	0.88	ND	
126-98-7	Methacrylonitrile	0.10	0.25	ND	0.27	0.69	ND	
141-78-6	Ethyl acetate	0.10	0.25	ND	0.36	0.90	ND	
74-97-5	Bromochloromethane	0.05	0.25	ND	0.26	1.32	ND	
96-33-3	Methyl acrylate	0.10	0.50	ND	0.35	1.76	ND	
109-99-9	Tetrahydrofuran	0.05	0.30	ND	0.15	0.89	ND	
78-83-1	Isobutyl alcohol	0.20	0.80	ND	0.61	2.43	ND	
156-59-2	cis-1,2-Dichloroethene	0.05	0.25	ND	0.20	0.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
594-20-7	2,2-Dichloropropane	0.05	0.25	ND	0.23	1.16	ND	
67-66-3	Chloroform	0.05	0.25	ND	0.25	1.22	ND	
71-55-6	1,1,1-Trichloroethane	0.05	0.25	ND	0.27	1.37	ND	
107-06-2	1,2-Dichloroethane	0.05	0.25	ND	0.20	1.01	ND	
563-58-6	1,1-Dichloropropene	0.05	0.25	ND	0.23	1.14	ND	
110-82-7	Cyclohexane	0.05	0.25	ND	0.17	0.86	ND	
71-43-2	Benzene	0.35	0.50	ND	1.12	1.60	ND	
56-23-5	Carbon tetrachloride	0.05	0.25	ND	0.31	1.57	ND	
994-05-8	t-Amyl methyl ether	0.10	0.50	ND	0.42	2.09	ND	
540-84-1	2,2,4-Trimethylpentane	0.05	0.25	ND	0.23	1.17	ND	
142-82-5	n-Heptane	0.10	0.25	ND	0.41	1.03	ND	
78-87-5	1,2-Dichloropropane	0.05	0.25	ND	0.23	1.16	ND	
123-91-1	1,4 Dioxane	0.10	0.50	ND	0.36	1.80	ND	
74-95-3	Dibromomethane	0.05	0.25	ND	0.36	1.78	ND	
79-01-6	Trichloroethene (TCE)	0.03	0.25	ND	0.13	1.35	ND	
75-27-4	Bromodichloromethane	0.05	0.25	ND	0.34	1.68	ND	
80-62-6	Methyl methacrylate	0.10	0.25	ND	0.41	1.02	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	0.80	ND	0.41	3.28	ND	
10061-01-5	cis-1,3-Dichloropropene	0.05	0.25	ND	0.23	1.14	ND	
108-88-3	Toluene	0.20	0.25	ND	0.75	0.94	ND	
10061-02-6	trans-1,3-Dichloropropene	0.05	0.25	ND	0.23	1.14	ND	
79-00-5	1,1,2-Trichloroethane	0.05	0.25	ND	0.27	1.37	ND	
97-63-2	Ethyl methacrylate	0.10	0.25	ND	0.47	1.17	ND	
591-78-6	2-Hexanone	0.10	0.80	ND	0.41	3.28	ND	
142-28-9	1,3-Dichloropropane	0.05	0.70	ND	0.23	3.24	ND	
111-65-9	Octane	0.10	0.25	ND	0.47	1.17	ND	
124-48-1	Dibromochloromethane	0.10	0.25	ND	0.85	2.13	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.10	0.25	ND	0.77	1.92	ND	
127-18-4	Tetrachloroethene (PCE)	0.03	0.25	ND	0.17	1.70	ND	
108-90-7	Chlorobenzene	0.10	0.25	ND	0.46	1.15	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.10	0.25	ND	0.69	1.72	ND	
100-41-4	Ethylbenzene	0.10	0.25	ND	0.43	1.09	ND	
1330-20-7	m,p-Xylenes	0.10	0.25	ND	0.43	1.09	ND	
111-84-2	Nonane	0.10	0.25	ND	0.53	1.31	ND	
100-42-5	Styrene	0.15	0.25	ND	0.64	1.07	ND	
75-25-2	Bromoform	0.10	0.25	ND	1.03	2.59	ND	
95-47-6	o-Xylene	0.10	0.25	ND	0.43	1.09	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.20	0.50	ND	1.37	3.44	ND	
96-18-4	1,2,3-Trichloropropane	0.20	0.60	ND	1.21	3.62	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.20	0.60	ND	1.02	3.07	ND	
103-65-1	n-Propylbenzene	0.20	0.70	ND	0.98	3.45	ND	
98-82-8	Isopropylbenzene	0.20	0.70	ND	0.98	3.45	ND	
622-96-8	4-Ethyltoluene	0.20	1.60	ND	0.98	7.88	ND	
108-67-8	1,3,5-Trimethylbenzene	0.20	0.90	ND	0.98	4.43	ND	
124-18-5	Decane	0.20	0.60	ND	1.17	3.50	ND	
98-06-6	tert-butyl benzene	0.20	0.60	ND	1.10	3.30	ND	
95-63-6	1,2,4-Trimethylbenzene	0.20	0.90	ND	0.98	4.43	ND	
538-93-2	i-Butylbenzene	0.20	0.60	ND	1.10	3.30	ND	
135-98-8	sec-butylbenzene	0.20	0.70	ND	1.10	3.85	ND	
541-73-1	1,3-Dichlorobenzene	0.20	0.80	ND	1.20	4.82	ND	
99-87-6	Isopropyltoluene	0.20	0.60	ND	1.10	3.30	ND	
100-44-7	Benzyl chloride	0.20	0.50	ND	1.04	2.59	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
106-46-7	1,4-Dichlorobenzene	0.20	0.50	ND	1.20	3.01	ND	
104-51-8	n-Butylbenzene	0.20	0.60	ND	1.10	3.30	ND	
95-50-1	1,2-Dichlorobenzene	0.20	0.70	ND	1.20	4.21	ND	
96-12-8	1,2-Dibromo-3-chloropropane	0.30	0.70	ND	2.90	6.77	ND	
120-82-1	1,2,4-Trichlorobenzene	0.30	0.50	ND	2.23	3.71	ND	
91-20-3	Naphthalene	0.50	0.10	ND	2.63	0.53	ND	
87-61-6	1,2,3-Trichlorobenzene	0.30	0.50	ND	2.23	3.71	ND	
87-68-3	Hexachlorobutadiene	0.25	0.30	ND	2.67	3.20	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	99	70	130	

TRACER

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: LABQC
Laboratory ID: B04036

File Name: B04036C.D
Description METHOD BLANK
Canister:
QC_Batch: 040326-MA1

Date Sampled:
Date Analyzed: 4/3/2026
Can Dilution Factor: 1.00
Air Volume: 1000 ml

Time:
Time: 10:18

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.25	0.30	ND	0.68	0.81	ND	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: LABQC
Laboratory ID: B04036

File Name: LABQC
Description METHOD BLANK
Canister:
QC_Batch: 040326-MA1

Date Sampled:
Date Analyzed: 4/3/2026
Can Dilution Factor: 1.00
Air Volume: 1000.00 ml

Time:
Time: 10:18

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	0.70	1.50	ND	2.87	6.14	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: LABQC
Laboratory ID: B04066

File Name: B04066C.D
Description: METHOD BLANK
Canister:
QC_Batch: 040626-MA1

Date Sampled: **Time:**
Date Analyzed: 4/6/2026 **Time:** 11:34
Can Dilution Factor: 1.00
Air Volume: 1000 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.10	0.25	ND	0.17	0.43	ND	
75-71-8	Dichlorodifluoromethane	0.15	0.25	ND	0.74	1.24	ND	
67-56-1	Methanol	0.50	0.60	ND	0.66	0.79	ND	
74-87-3	Chloromethane	0.15	0.25	ND	0.31	0.52	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.10	0.25	ND	0.70	1.75	ND	
75-01-4	Vinyl chloride	0.05	0.25	ND	0.13	0.64	ND	
106-99-0	1,3-Butadiene	0.05	0.25	ND	0.11	0.55	ND	
74-83-9	Bromomethane	0.10	0.25	ND	0.39	0.97	ND	
75-00-3	Chloroethane	0.10	0.25	ND	0.26	0.66	ND	
64-17-5	Ethanol	0.50	3.21	ND	0.94	6.06	ND	
107-02-8	Acrolein	0.10	0.30	ND	0.23	0.69	ND	
75-69-4	Trichlorofluoromethane	0.10	0.25	ND	0.56	1.41	ND	
67-64-1	Acetone	0.50	0.60	ND	1.19	1.43	ND	
67-63-0	2-propanol (isopropylalcohol)	0.20	1.25	ND	0.49	3.08	ND	
75-65-0	t-Butyl alcohol	0.10	1.00	ND	0.30	3.03	ND	
4227-95-6	Methyl iodide	0.10	0.30	ND	0.59	1.76	ND	
75-35-4	1,1-Dichloroethene	0.05	0.25	ND	0.20	0.99	ND	
107-13-1	Acrylonitrile	0.20	0.30	ND	0.43	0.65	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.05	0.25	ND	0.38	1.92	ND	
107-05-1	Allyl chloride	0.05	1.00	ND	0.16	3.13	ND	
75-09-2	Methylene chloride	0.05	0.25	ND	0.17	0.87	ND	
75-15-0	Carbon disulfide	0.10	0.25	ND	0.31	0.78	ND	
156-60-5	trans-1,2-Dichloroethene	0.05	0.20	ND	0.20	0.79	ND	
1634-04-4	Methyl tert butyl ether	0.10	0.20	ND	0.36	0.72	ND	
107-12-0	Propionitrile	0.25	0.40	ND	0.56	0.90	ND	
75-34-3	1,1-Dichloroethane	0.05	0.25	ND	0.20	1.01	ND	
637-92-3	Ethyl tert butyl ether	0.10	0.25	ND	0.42	1.05	ND	
108-05-4	Vinyl acetate	0.05	1.00	ND	0.18	3.53	ND	
78-93-3	2-Butanone (MEK)	0.10	0.30	ND	0.30	0.89	ND	
108-20-3	Diisopropyl ether	0.10	0.60	ND	0.42	2.51	ND	
110-54-3	Hexane	0.10	0.25	ND	0.35	0.88	ND	
126-98-7	Methacrylonitrile	0.10	0.25	ND	0.27	0.69	ND	
141-78-6	Ethyl acetate	0.10	0.25	ND	0.36	0.90	ND	
74-97-5	Bromochloromethane	0.05	0.25	ND	0.26	1.32	ND	
96-33-3	Methyl acrylate	0.10	0.50	ND	0.35	1.76	ND	
109-99-9	Tetrahydrofuran	0.05	0.30	ND	0.15	0.89	ND	
78-83-1	Isobutyl alcohol	0.20	0.80	ND	0.61	2.43	ND	
156-59-2	cis-1,2-Dichloroethene	0.05	0.25	ND	0.20	0.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
594-20-7	2,2-Dichloropropane	0.05	0.25	ND	0.23	1.16	ND	
67-66-3	Chloroform	0.05	0.25	ND	0.25	1.22	ND	
71-55-6	1,1,1-Trichloroethane	0.05	0.25	ND	0.27	1.37	ND	
107-06-2	1,2-Dichloroethane	0.05	0.25	ND	0.20	1.01	ND	
563-58-6	1,1-Dichloropropene	0.05	0.25	ND	0.23	1.14	ND	
110-82-7	Cyclohexane	0.05	0.25	ND	0.17	0.86	ND	
71-43-2	Benzene	0.35	0.50	ND	1.12	1.60	ND	
56-23-5	Carbon tetrachloride	0.05	0.25	ND	0.31	1.57	ND	
994-05-8	t-Amyl methyl ether	0.10	0.50	ND	0.42	2.09	ND	
540-84-1	2,2,4-Trimethylpentane	0.05	0.25	ND	0.23	1.17	ND	
142-82-5	n-Heptane	0.10	0.25	ND	0.41	1.03	ND	
78-87-5	1,2-Dichloropropane	0.05	0.25	ND	0.23	1.16	ND	
123-91-1	1,4 Dioxane	0.10	0.50	ND	0.36	1.80	ND	
74-95-3	Dibromomethane	0.05	0.25	ND	0.36	1.78	ND	
79-01-6	Trichloroethene (TCE)	0.03	0.25	ND	0.13	1.35	ND	
75-27-4	Bromodichloromethane	0.05	0.25	ND	0.34	1.68	ND	
80-62-6	Methyl methacrylate	0.10	0.25	ND	0.41	1.02	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.10	0.80	ND	0.41	3.28	ND	
10061-01-5	cis-1,3-Dichloropropene	0.05	0.25	ND	0.23	1.14	ND	
108-88-3	Toluene	0.20	0.25	ND	0.75	0.94	ND	
10061-02-6	trans-1,3-Dichloropropene	0.05	0.25	ND	0.23	1.14	ND	
79-00-5	1,1,2-Trichloroethane	0.05	0.25	ND	0.27	1.37	ND	
97-63-2	Ethyl methacrylate	0.10	0.25	ND	0.47	1.17	ND	
591-78-6	2-Hexanone	0.10	0.80	ND	0.41	3.28	ND	
142-28-9	1,3-Dichloropropane	0.05	0.70	ND	0.23	3.24	ND	
111-65-9	Octane	0.10	0.25	ND	0.47	1.17	ND	
124-48-1	Dibromochloromethane	0.10	0.25	ND	0.85	2.13	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.10	0.25	ND	0.77	1.92	ND	
127-18-4	Tetrachloroethene (PCE)	0.03	0.25	ND	0.17	1.70	ND	
108-90-7	Chlorobenzene	0.10	0.25	ND	0.46	1.15	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.10	0.25	ND	0.69	1.72	ND	
100-41-4	Ethylbenzene	0.10	0.25	ND	0.43	1.09	ND	
1330-20-7	m,p-Xylenes	0.10	0.25	ND	0.43	1.09	ND	
111-84-2	Nonane	0.10	0.25	ND	0.53	1.31	ND	
100-42-5	Styrene	0.15	0.25	ND	0.64	1.07	ND	
75-25-2	Bromoform	0.10	0.25	ND	1.03	2.59	ND	
95-47-6	o-Xylene	0.10	0.25	ND	0.43	1.09	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.20	0.50	ND	1.37	3.44	ND	
96-18-4	1,2,3-Trichloropropane	0.20	0.60	ND	1.21	3.62	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.20	0.60	ND	1.02	3.07	ND	
103-65-1	n-Propylbenzene	0.20	0.70	ND	0.98	3.45	ND	
98-82-8	Isopropylbenzene	0.20	0.70	ND	0.98	3.45	ND	
622-96-8	4-Ethyltoluene	0.20	1.60	ND	0.98	7.88	ND	
108-67-8	1,3,5-Trimethylbenzene	0.20	0.90	ND	0.98	4.43	ND	
124-18-5	Decane	0.20	0.60	ND	1.17	3.50	ND	
98-06-6	tert-butyl benzene	0.20	0.60	ND	1.10	3.30	ND	
95-63-6	1,2,4-Trimethylbenzene	0.20	0.90	ND	0.98	4.43	ND	
538-93-2	i-Butylbenzene	0.20	0.60	ND	1.10	3.30	ND	
135-98-8	sec-butylbenzene	0.20	0.70	ND	1.10	3.85	ND	
541-73-1	1,3-Dichlorobenzene	0.20	0.80	ND	1.20	4.82	ND	
99-87-6	Isopropyltoluene	0.20	0.60	ND	1.10	3.30	ND	
100-44-7	Benzyl chloride	0.20	0.50	ND	1.04	2.59	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
106-46-7	1,4-Dichlorobenzene	0.20	0.50	ND	1.20	3.01	ND	
104-51-8	n-Butylbenzene	0.20	0.60	ND	1.10	3.30	ND	
95-50-1	1,2-Dichlorobenzene	0.20	0.70	ND	1.20	4.21	ND	
96-12-8	1,2-Dibromo-3-chloropropane	0.30	0.70	ND	2.90	6.77	ND	
120-82-1	1,2,4-Trichlorobenzene	0.30	0.50	ND	2.23	3.71	ND	
91-20-3	Naphthalene	0.50	0.10	ND	2.63	0.53	ND	
87-61-6	1,2,3-Trichlorobenzene	0.30	0.50	ND	2.23	3.71	ND	
87-68-3	Hexachlorobutadiene	0.25	0.30	ND	2.67	3.20	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	99	70	130	

TRACER

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: LABQC
Laboratory ID: B04066

File Name: B04066C.D
Description METHOD BLANK
Canister:
QC_Batch: 040626-MA1

Date Sampled: **Time:**
Date Analyzed: 4/6/2026 **Time:** 11:34
Can Dilution Factor: 1.00
Air Volume: 1000 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.25	0.30	ND	0.68	0.81	ND	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: LABQC
Laboratory ID: B04066

File Name: LABQC
Description METHOD BLANK
Canister:
QC_Batch: 040626-MA1

Date Sampled:
Date Analyzed: 4/6/2026
Can Dilution Factor: 1.00
Air Volume: 1000.00 ml

Time:
Time: 11:34

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	0.70	1.50	ND	2.87	6.14	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

QUALITY CONTROL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

Laboratory Control Spike and Spike Duplicate Report

TO15 **Volatile Organic Compounds by GC/MS**

QC_Batch: 032526-MA1
Date: 3/25/2026

CAS#	Compound	LCS Recovery %	Flag	LCD Recovery %	Flag	Spike Limit LCL %	Spike Limit UCL %	Duplicate %	Duplicate Limit %	Flag
75-01-4	Vinyl chloride	117		115		70	130	2	25	
75-35-4	1,1-Dichloroethene	123		116		70	130	6	25	
75-09-2	Dichloromethane	118		106		70	130	10	25	
75-34-3	1,1-Dichloroethane	124		115		70	130	8	25	
67-66-3	Chloroform	116		117		70	130	1	25	
71-55-6	1,1,1-Trichloroethane	122		122		70	130	0	25	
107-06-2	1,2-Dichloroethane	119		125		70	130	5	25	
71-43-2	Benzene	117		118		70	130	1	25	
56-23-5	Carbon tetrachloride	92		89		70	130	4	25	
79-01-6	Trichloroethene	118		103		70	130	14	25	
108-88-3	Toluene	117		120		70	130	3	25	
106-93-4	1,2-Dibromoethane	121		125		70	130	4	25	
127-18-4	Tetrachloroethene	120		119		70	130	1	25	
100-41-4	Ethylbenzene	117		114		70	130	2	25	
1330-20-7	m,p-Xylenes	107		118		70	130	9	25	
95-47-6	o-Xylene	117		112		70	130	4	25	
108-67-8	1,3,5-Trimethylbenzene	77		80		70	130	5	25	
95-63-6	1,2,4-Trimethylbenzene	71		75		70	130	5	25	

LCS - Laboratory Control Spike
LCD - Laboratory Control Duplicate

Flag - Q indicated out of Limits

QUALITY CONTROL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

Laboratory Control Spike and Spike Duplicate Report

TO15 **Volatile Organic Compounds by GC/MS**

QC_Batch: 032626-MA1
Date: 3/26/2026

CAS#	Compound	LCS Recovery %	Flag	LCD Recovery %	Flag	Spike Limit LCL %	Spike Limit UCL %	Duplicate %	Duplicate Limit %	Flag
75-01-4	Vinyl chloride	122		114		70	130	6	25	
75-35-4	1,1-Dichloroethene	101		100		70	130	1	25	
75-09-2	Dichloromethane	117		111		70	130	5	25	
75-34-3	1,1-Dichloroethane	113		105		70	130	7	25	
67-66-3	Chloroform	113		103		70	130	10	25	
71-55-6	1,1,1-Trichloroethane	119		110		70	130	8	25	
107-06-2	1,2-Dichloroethane	108		103		70	130	5	25	
71-43-2	Benzene	106		97		70	130	9	25	
56-23-5	Carbon tetrachloride	129		125		70	130	4	25	
79-01-6	Trichloroethene	112		104		70	130	8	25	
108-88-3	Toluene	117		103		70	130	13	25	
106-93-4	1,2-Dibromoethane	120		110		70	130	9	25	
127-18-4	Tetrachloroethene	115		107		70	130	8	25	
100-41-4	Ethylbenzene	115		102		70	130	13	25	
1330-20-7	m,p-Xylenes	112		98		70	130	13	25	
95-47-6	o-Xylene	114		100		70	130	13	25	
108-67-8	1,3,5-Trimethylbenzene	123		120		70	130	2	25	
95-63-6	1,2,4-Trimethylbenzene	129		124		70	130	4	25	

LCS - Laboratory Control Spike
LCD - Laboratory Control Duplicate

Flag - Q indicated out of Limits

QUALITY CONTROL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

Laboratory Control Spike and Spike Duplicate Report

TO15 Volatile Organic Compounds by GC/MS

QC_Batch: 033026-MA1
Date: 3/30/2026

CAS#	Compound	LCS Recovery %	Flag	LCD Recovery %	Flag	Spike Limit LCL %	Spike Limit UCL %	Duplicate %	Duplicate Limit %	Flag
75-01-4	Vinyl chloride	100		98		70	130	1	25	
75-35-4	1,1-Dichloroethene	94		80		70	130	16	25	
75-09-2	Dichloromethane	103		103		70	130	1	25	
75-34-3	1,1-Dichloroethane	102		98		70	130	4	25	
67-66-3	Chloroform	97		94		70	130	3	25	
71-55-6	1,1,1-Trichloroethane	94		99		70	130	5	25	
107-06-2	1,2-Dichloroethane	97		97		70	130	1	25	
71-43-2	Benzene	103		100		70	130	3	25	
56-23-5	Carbon tetrachloride	78		81		70	130	4	25	
79-01-6	Trichloroethene	101		102		70	130	1	25	
108-88-3	Toluene	109		106		70	130	3	25	
106-93-4	1,2-Dibromoethane	116		115		70	130	1	25	
127-18-4	Tetrachloroethene	107		105		70	130	2	25	
100-41-4	Ethylbenzene	107		105		70	130	2	25	
1330-20-7	m,p-Xylenes	104		105		70	130	1	25	
95-47-6	o-Xylene	110		105		70	130	5	25	
108-67-8	1,3,5-Trimethylbenzene	118		117		70	130	1	25	
95-63-6	1,2,4-Trimethylbenzene	123		124		70	130	0	25	

LCS - Laboratory Control Spike
LCD - Laboratory Control Duplicate

Flag - Q indicated out of Limits

QUALITY CONTROL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

Laboratory Control Spike and Spike Duplicate Report

TO15 Volatile Organic Compounds by GC/MS

QC_Batch: 033126-MA1
Date: 3/31/2026

CAS#	Compound	LCS Recovery %	Flag	LCD Recovery %	Flag	Spike Limit LCL %	Spike Limit UCL %	Duplicate %	Duplicate Limit %	Flag
75-01-4	Vinyl chloride	106		97		70	130	9	25	
75-35-4	1,1-Dichloroethene	103		96		70	130	7	25	
75-09-2	Dichloromethane	111		105		70	130	5	25	
75-34-3	1,1-Dichloroethane	107		103		70	130	5	25	
67-66-3	Chloroform	103		100		70	130	3	25	
71-55-6	1,1,1-Trichloroethane	101		99		70	130	2	25	
107-06-2	1,2-Dichloroethane	103		103		70	130	0	25	
71-43-2	Benzene	103		102		70	130	1	25	
56-23-5	Carbon tetrachloride	95		95		70	130	1	25	
79-01-6	Trichloroethene	107		106		70	130	1	25	
108-88-3	Toluene	110		104		70	130	5	25	
106-93-4	1,2-Dibromoethane	110		112		70	130	2	25	
127-18-4	Tetrachloroethene	108		107		70	130	1	25	
100-41-4	Ethylbenzene	110		109		70	130	1	25	
1330-20-7	m,p-Xylenes	112		107		70	130	4	25	
95-47-6	o-Xylene	111		110		70	130	1	25	
108-67-8	1,3,5-Trimethylbenzene	119		120		70	130	1	25	
95-63-6	1,2,4-Trimethylbenzene	124		125		70	130	1	25	

LCS - Laboratory Control Spike
LCD - Laboratory Control Duplicate

Flag - Q indicated out of Limits

QUALITY CONTROL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

Laboratory Control Spike and Spike Duplicate Report

TO15 Volatile Organic Compounds by GC/MS

QC_Batch: 040126-MA1
Date: 4/1/2026

CAS#	Compound	LCS Recovery %	Flag	LCD Recovery %	Flag	Spike Limit LCL %	Spike Limit UCL %	Duplicate %	Duplicate Limit %	Flag
75-01-4	Vinyl chloride	105		105		70	130	0	25	
75-35-4	1,1-Dichloroethene	102		99		70	130	3	25	
75-09-2	Dichloromethane	109		103		70	130	6	25	
75-34-3	1,1-Dichloroethane	106		100		70	130	5	25	
67-66-3	Chloroform	108		103		70	130	4	25	
71-55-6	1,1,1-Trichloroethane	106		106		70	130	0	25	
107-06-2	1,2-Dichloroethane	106		102		70	130	4	25	
71-43-2	Benzene	104		99		70	130	5	25	
56-23-5	Carbon tetrachloride	111		104		70	130	7	25	
79-01-6	Trichloroethene	106		102		70	130	4	25	
108-88-3	Toluene	111		104		70	130	7	25	
106-93-4	1,2-Dibromoethane	107		104		70	130	3	25	
127-18-4	Tetrachloroethene	107		102		70	130	5	25	
100-41-4	Ethylbenzene	110		105		70	130	5	25	
1330-20-7	m,p-Xylenes	108		103		70	130	5	25	
95-47-6	o-Xylene	110		103		70	130	7	25	
108-67-8	1,3,5-Trimethylbenzene	112		114		70	130	2	25	
95-63-6	1,2,4-Trimethylbenzene	117		117		70	130	0	25	

LCS - Laboratory Control Spike
LCD - Laboratory Control Duplicate

Flag - Q indicated out of Limits

QUALITY CONTROL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

Laboratory Control Spike and Spike Duplicate Report

TO15 **Volatile Organic Compounds by GC/MS**

QC_Batch: 040226-MA1
Date: 4/2/2026

CAS#	Compound	LCS Recovery %	Flag	LCD Recovery %	Flag	Spike Limit LCL %	Spike Limit UCL %	Duplicate %	Duplicate Limit %	Flag
75-01-4	Vinyl chloride	106		115		70	130	8	25	
75-35-4	1,1-Dichloroethene	97		101		70	130	5	25	
75-09-2	Dichloromethane	99		111		70	130	12	25	
75-34-3	1,1-Dichloroethane	97		103		70	130	6	25	
67-66-3	Chloroform	96		107		70	130	10	25	
71-55-6	1,1,1-Trichloroethane	96		105		70	130	9	25	
107-06-2	1,2-Dichloroethane	94		107		70	130	13	25	
71-43-2	Benzene	96		103		70	130	8	25	
56-23-5	Carbon tetrachloride	105		107		70	130	2	25	
79-01-6	Trichloroethene	99		108		70	130	9	25	
108-88-3	Toluene	98		110		70	130	11	25	
106-93-4	1,2-Dibromoethane	96		115		70	130	18	25	
127-18-4	Tetrachloroethene	105		107		70	130	1	25	
100-41-4	Ethylbenzene	102		108		70	130	5	25	
1330-20-7	m,p-Xylenes	105		106		70	130	2	25	
95-47-6	o-Xylene	105		108		70	130	3	25	
108-67-8	1,3,5-Trimethylbenzene	109		115		70	130	5	25	
95-63-6	1,2,4-Trimethylbenzene	115		119		70	130	3	25	

LCS - Laboratory Control Spike
LCD - Laboratory Control Duplicate

Flag - Q indicated out of Limits

QUALITY CONTROL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

Laboratory Control Spike and Spike Duplicate Report

TO15 **Volatile Organic Compounds by GC/MS**

QC_Batch: 040326-MA1
Date: 4/3/2026

CAS#	Compound	LCS Recovery %	Flag	LCD Recovery %	Flag	Spike Limit LCL %	Spike Limit UCL %	Duplicate %	Duplicate Limit %	Flag
75-01-4	Vinyl chloride	106		114		70	130	7	25	
75-35-4	1,1-Dichloroethene	91		99		70	130	9	25	
75-09-2	Dichloromethane	101		105		70	130	4	25	
75-34-3	1,1-Dichloroethane	94		102		70	130	8	25	
67-66-3	Chloroform	96		103		70	130	7	25	
71-55-6	1,1,1-Trichloroethane	101		106		70	130	5	25	
107-06-2	1,2-Dichloroethane	103		98		70	130	5	25	
71-43-2	Benzene	107		108		70	130	1	25	
56-23-5	Carbon tetrachloride	114		112		70	130	2	25	
79-01-6	Trichloroethene	106		103		70	130	3	25	
108-88-3	Toluene	110		102		70	130	8	25	
106-93-4	1,2-Dibromoethane	107		94		70	130	13	25	
127-18-4	Tetrachloroethene	113		104		70	130	8	25	
100-41-4	Ethylbenzene	113		96		70	130	16	25	
1330-20-7	m,p-Xylenes	112		93		70	130	19	25	
95-47-6	o-Xylene	115		95		70	130	19	25	
108-67-8	1,3,5-Trimethylbenzene	113		106		70	130	6	25	
95-63-6	1,2,4-Trimethylbenzene	115		105		70	130	9	25	

LCS - Laboratory Control Spike
LCD - Laboratory Control Duplicate

Flag - Q indicated out of Limits

QUALITY CONTROL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

Laboratory Control Spike and Spike Duplicate Report

TO15 Volatile Organic Compounds by GC/MS

QC_Batch: 040626-MA1
Date: 4/6/2026

CAS#	Compound	LCS Recovery %	Flag	LCD Recovery %	Flag	Spike Limit LCL %	Spike Limit UCL %	Duplicate %	Duplicate Limit %	Flag
75-01-4	Vinyl chloride	97		102		70	130	5	25	
75-35-4	1,1-Dichloroethene	99		100		70	130	1	25	
75-09-2	Dichloromethane	105		106		70	130	1	25	
75-34-3	1,1-Dichloroethane	106		104		70	130	2	25	
67-66-3	Chloroform	101		105		70	130	4	25	
71-55-6	1,1,1-Trichloroethane	100		102		70	130	2	25	
107-06-2	1,2-Dichloroethane	95		99		70	130	5	25	
71-43-2	Benzene	100		101		70	130	1	25	
56-23-5	Carbon tetrachloride	114		114		70	130	1	25	
79-01-6	Trichloroethene	102		102		70	130	0	25	
108-88-3	Toluene	106		106		70	130	0	25	
106-93-4	1,2-Dibromoethane	100		118		70	130	16	25	
127-18-4	Tetrachloroethene	106		103		70	130	3	25	
100-41-4	Ethylbenzene	108		114		70	130	6	25	
1330-20-7	m,p-Xylenes	108		113		70	130	4	25	
95-47-6	o-Xylene	108		116		70	130	7	25	
108-67-8	1,3,5-Trimethylbenzene	112		122		70	130	9	25	
95-63-6	1,2,4-Trimethylbenzene	117		130		70	130	10	25	

LCS - Laboratory Control Spike
LCD - Laboratory Control Duplicate

Flag - Q indicated out of Limits

Analytical Reports

EAS SDG Number: 226049

Project Number: 17807

The following pages contain the certified Analytical Reports for the samples submitted in the Sample Delivery Group (SDG) and are in order of the EAS Lab ID number. All of the analytical methods used are modifications of the published methods. Procedural method modifications, QC modifications, QC Criteria modifications, target lists, definitions of detection limits, and flags are all explained in detail in the EAS Quality Manual. The Analytical Report has columns for the method detection limit (MDL), the reporting limit (RL), and the Amount. The Amount is the concentration of the compound in the sample. The report usually has the results reported with two commonly used units. The MDL, RL, and Amount are adjusted for the canister dilution factor and any dilution caused by sample matrix effects.

NELAC CERTIFICATION

EAS is accredited by the National Environmental Laboratory Accreditation (NELAC) with the Florida Department of Health, one of the NELAC certifying states. EAS is certified for the EPA TO-15, EPA TO-11 and EPA TO-4 methods. A list of accredited compounds is available on request.

DETECTION LIMITS

MDL: The MDL is lowest concentration that can be measured to be statistically above the noise level and is determined using the EPA 2016 method which uses the standard deviation of replicate measurements made over time. The method also incorporates systematic instrumentation blank levels. See Quality Manual for detailed explanation.

RL: The reporting limit (RL) is the lowest concentration that can be reliably reported for each compound that meets the QC Criteria for the method, background levels, or project specific considerations. The QC criteria level for the method blank is to be less then the RL See Quality Manual for more information.

DATA FLAGS

In the standard report, if a compound is not detected above the method detection limit, a "ND" is in the Amount column. The flag column is used for both the not detect flag and for any data flags.

B - This compound was detected in the batch method blank above the reporting limit and is greater then one tenth the amount in the sample.

E - This compound exceeds the calibration range for this sample volume.

J - The amount reported is estimated because it was below the RL and could be below the lowest calibration point, have higher uncertainty, or could be the result of system background

SIGNIFICANT FIGURES

Based on the uncertainty in the methods, the numbers on the Analytical Reports should be used with only two significant digits. Additional significant figures are reported for ease of use and to avoid rounding errors when used in further calculations.

UNITS

PPBV or PPMV: Parts-per-billion (or million) by volume is a mole (volume) ratio of the moles of analyte divided by the moles of air (gas). This is the primary unit used to report air or gas concentrations and is independent of temperature and pressure.

UG/M3 OR MG/M3: The reported result was calculated based on 1 atm pressure and a temperature of 25C. The conversion from PPBV is: UG/M3 = PPBV x MW/24.46 where 24.26 is the gas constant and MW is the Compounds Molecular Weight (sometimes called Formula Weight)

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 01**

File Name:	2604901A.D	**Date Sampled:**	03/16/26	**Time:**	11:20
Description:	T-101	**Date Analyzed:**	03/26/26	**Time:**	12:55
Canister:	850	**Can Dilution Factor:**	1.00		
QC_Batch:	032626-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	ND	0.57	1.44	ND	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	136.06	2.18	2.62	178.31	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	10.45	3.15	20.20	19.72	J
107-02-8	Acrolein	0.33	1.00	1.40	0.77	2.30	3.22	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	16.50	3.97	4.76	39.25	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	1.20	1.64	10.26	2.94	J
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	1.30	0.98	2.95	3.83	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	0.33	0.82	4.08	1.61	J
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	ND	3.73	5.33	ND	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	1.77	3.66	10.99	9.70	J
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	116	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 01**

File Name:	2604901A.D	**Date Sampled:**	03/16/26	**Time:**	11:20
Descriptio	T-101	**Date Analyzed:**	03/26/26	**Time:**	12:55
Canister:	850	**Can Dilution Factor:**	1.00		
QC_Batch:	032626-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	43.84	2.25	2.71	118.59	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 01

File Name: 226049
Descriptio T-101
Canister: 850
QC_Batch: 032626-MA1

Date Sampled: 03/16/26 **Time:** 11:20
Date Analyzed: 03/26/26 **Time:** 12:55
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 02**

File Name: 2604902A.D **Date Sampled:** 03/16/26 **Time:** 11:13
Description: T-102 **Date Analyzed:** 03/26/26 **Time:** 12:55
Canister: 738 **Can Dilution Factor:** 1.00
QC_Batch: 032626-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	ND	0.57	1.44	ND	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	23.55	2.18	2.62	30.87	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	15.03	3.15	20.20	28.38	
107-02-8	Acrolein	0.33	1.00	1.28	0.77	2.30	2.94	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	10.32	3.97	4.76	24.56	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	1.06	1.64	10.26	2.62	J
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	0.53	0.98	2.95	1.57	J
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	0.70	1.18	2.94	2.46	J
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	ND	3.73	5.33	ND	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	ND	3.66	10.99	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	QC Limits UCL	Flag
2037-26-5	Toluene-d8	111	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 02**

File Name:	2604902A.D	**Date Sampled:**	03/16/26	**Time:**	11:13
Descriptio	T-102	**Date Analyzed:**	03/26/26	**Time:**	12:55
Canister:	738	**Can Dilution Factor:**	1.00		
QC_Batch:	032626-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	75.15	2.25	2.71	203.29	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 02

File Name: 226049
Descriptio T-102
Canister: 738
QC_Batch: 032626-MA1

Date Sampled: 03/16/26 **Time:** 11:13
Date Analyzed: 03/26/26 **Time:** 12:55
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 03**

File Name: 2604903A.D **Date Sampled:** 03/16/26 **Time:** 11:09
Description: T-103 **Date Analyzed:** 03/26/26 **Time:** 14:09
Canister: 889 **Can Dilution Factor:** 1.00
QC_Batch: 032626-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	29.96	0.57	1.44	51.63	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	21.00	2.18	2.62	27.52	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	0.86	0.88	2.20	2.28	
64-17-5	Ethanol	1.67	10.70	18.11	3.15	20.20	34.18	
107-02-8	Acrolein	0.33	1.00	ND	0.77	2.30	ND	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	46.25	3.97	4.76	110.04	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	0.44	0.58	2.90	1.54	J
75-15-0	Carbon disulfide	0.33	0.83	0.95	1.04	2.60	2.95	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	1.18	0.98	2.95	3.50	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	1.30	1.18	2.94	4.59	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	0.43	0.50	2.95	1.26	J
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	0.32	0.82	4.08	1.57	J
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	0.38	0.68	3.38	1.54	J
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	1.25	0.57	2.87	4.30	
71-43-2	Benzene	1.17	1.67	5.41	3.73	5.33	17.31	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	1.91	1.37	3.42	7.83	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	20.16	2.51	3.14	76.03	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	4.07	1.56	3.90	19.04	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	13.43	1.45	3.62	58.41	
1330-20-7	m,p-Xylenes	0.33	0.83	17.36	1.45	3.62	75.50	
111-84-2	Nonane	0.33	0.83	7.38	1.75	4.38	38.80	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	14.86	1.45	3.62	64.64	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	3.99	3.28	26.25	19.66	J
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	1.84	3.28	14.77	9.07	J
124-18-5	Decane	0.67	2.00	2.25	3.89	11.66	13.10	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	1.15	3.66	10.99	6.32	J
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	106	70	130	

TRACER

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 03**

File Name:	2604903A.D	**Date Sampled:**	03/16/26	**Time:**	11:09
Descriptio	T-103	**Date Analyzed:**	03/26/26	**Time:**	14:09
Canister:	889	**Can Dilution Factor:**	1.00		
QC_Batch:	032626-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	70.98	2.25	2.71	192.02	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 03

File Name: 226049
Descriptio T-103
Canister: 889
QC_Batch: 032626-MA1

Date Sampled: 03/16/26 **Time:** 11:09
Date Analyzed: 03/26/26 **Time:** 14:09
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
ALPHA-PINENE	2.33	5.00	21.77	13.02	27.90	121.45

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 04**

File Name: 2604904A.D **Date Sampled:** 03/16/26 **Time:** 11:19
Description: T-104 **Date Analyzed:** 03/26/26 **Time:** 14:44
Canister: 627 **Can Dilution Factor:** 1.00
QC_Batch: 032626-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	158.80	0.57	1.44	273.68	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	32.55	2.18	2.62	42.65	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	18.30	3.15	20.20	34.54	
107-02-8	Acrolein	0.33	1.00	ND	0.77	2.30	ND	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	24.12	3.97	4.76	57.40	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	0.28	0.58	2.90	0.97	J
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	1.49	0.98	2.95	4.40	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	3.14	1.18	2.94	11.09	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	4.87	0.82	4.08	23.80	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	3.96	0.57	2.87	13.66	
71-43-2	Benzene	1.17	1.67	5.72	3.73	5.33	18.29	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	3.28	1.37	3.42	13.46	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	13.67	2.51	3.14	51.55	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	2.20	1.56	3.90	10.31	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	0.12	0.57	5.66	0.80	J
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	5.52	1.45	3.62	24.02	
1330-20-7	m,p-Xylenes	0.33	0.83	11.05	1.45	3.62	48.05	
111-84-2	Nonane	0.33	0.83	2.76	1.75	4.38	14.50	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	8.47	1.45	3.62	36.84	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	0.83	3.28	11.49	4.06	J
622-96-8	4-Ethyltoluene	0.67	5.33	2.21	3.28	26.25	10.90	J
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	1.59	3.28	14.77	7.84	J
124-18-5	Decane	0.67	2.00	1.14	3.89	11.66	6.62	J
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	1.86	3.66	10.99	10.24	J
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	QC Limits UCL	Flag
2037-26-5	Toluene-d8	100	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 04**

File Name:	2604904A.D	**Date Sampled:**	03/16/26	**Time:**	11:19
Descriptio	T-104	**Date Analyzed:**	03/26/26	**Time:**	14:44
Canister:	627	**Can Dilution Factor:**	1.00		
QC_Batch:	032626-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	50.55	2.25	2.71	136.73	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 04

File Name: 226049
Descriptio T-104
Canister: 627
QC_Batch: 032626-MA1

Date Sampled: 03/16/26 **Time:** 11:19
Date Analyzed: 03/26/26 **Time:** 14:44
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
ALPHA-PINENE	2.33	5.00	33.77	13.02	27.90	188.39

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 05**

File Name: 2604905A.D **Date Sampled:** 03/16/26 **Time:** 12:34
Description: T-105 **Date Analyzed:** 03/26/26 **Time:** 14:44
Canister: 760 **Can Dilution Factor:** 1.00
QC_Batch: 032626-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	1.31	0.57	1.44	2.25	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	6.44	2.18	2.62	8.44	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	9.69	3.15	20.20	18.30	J
107-02-8	Acrolein	0.33	1.00	ND	0.77	2.30	ND	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	3.55	3.97	4.76	8.44	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	0.38	1.04	2.60	1.18	J
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	ND	0.98	2.95	ND	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	0.67	1.18	2.94	2.38	J
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	1.06	0.50	2.95	3.14	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	22.27	3.73	5.33	71.22	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	0.84	1.37	3.42	3.45	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	5.31	2.51	3.14	20.02	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	1.26	1.56	3.90	5.90	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	0.15	0.57	5.66	1.02	J
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	0.70	1.45	3.62	3.03	J
1330-20-7	m,p-Xylenes	0.33	0.83	3.57	1.45	3.62	15.54	
111-84-2	Nonane	0.33	0.83	1.25	1.75	4.38	6.56	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	0.90	3.28	26.25	4.42	J
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	1.54	3.89	11.66	9.00	J
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	1.74	3.66	10.99	9.56	J
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	104	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 05**

File Name:	2604905A.D	**Date Sampled:**	03/16/26	**Time:**	12:34
Descriptio	T-105	**Date Analyzed:**	03/26/26	**Time:**	14:44
Canister:	760	**Can Dilution Factor:**	1.00		
QC_Batch:	032626-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	180.55	2.25	2.71	488.41	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 05

File Name: 226049
Descriptio T-105
Canister: 760
QC_Batch: 032626-MA1

Date Sampled: 03/16/26 **Time:** 12:34
Date Analyzed: 03/26/26 **Time:** 14:44
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 06**

File Name: 2604906A.D **Date Sampled:** 03/16/26 **Time:** 12:37
Description: T-106 **Date Analyzed:** 03/26/26 **Time:** 17:26
Canister: 781 **Can Dilution Factor:** 1.00
QC_Batch: 032626-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	1.08	0.57	1.44	1.87	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	ND	2.18	2.62	ND	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	34.75	3.15	20.20	65.61	
107-02-8	Acrolein	0.33	1.00	ND	0.77	2.30	ND	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	1.92	3.97	4.76	4.58	J
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	ND	0.98	2.95	ND	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	0.47	1.18	2.94	1.65	J
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	4.82	3.73	5.33	15.42	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	0.75	3.89	11.66	4.39	J
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	0.97	3.66	10.99	5.31	J
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	104	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 06**

File Name:	2604906A.D	**Date Sampled:**	03/16/26	**Time:**	12:37
Descriptio	T-106	**Date Analyzed:**	03/26/26	**Time:**	17:26
Canister:	781	**Can Dilution Factor:**	1.00		
QC_Batch:	032626-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	172.04	2.25	2.71	465.38	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 06

File Name: 226049
Descriptio T-106
Canister: 781
QC_Batch: 032626-MA1

Date Sampled: 03/16/26 **Time:** 12:37
Date Analyzed: 03/26/26 **Time:** 17:26
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 07**

File Name:	2604907A.D	**Date Sampled:**	03/16/26	**Time:**	12:27
Description:	T-107	**Date Analyzed:**	03/26/26	**Time:**	18:21
Canister:	712	**Can Dilution Factor:**	1.00		
QC_Batch:	032626-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	8.73	0.57	1.44	15.05	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	5.22	2.18	2.62	6.85	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	3.76	3.15	20.20	7.10	J
107-02-8	Acrolein	0.33	1.00	ND	0.77	2.30	ND	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	3.95	3.97	4.76	9.39	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	ND	0.98	2.95	ND	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	0.88	1.18	2.94	3.09	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	0.50	0.50	2.95	1.46	J
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	45.61	3.73	5.33	145.89	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	1.96	1.37	3.42	8.03	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	12.74	2.51	3.14	48.05	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	0.50	0.57	5.66	3.37	J
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	0.98	1.45	3.62	4.28	
1330-20-7	m,p-Xylenes	0.33	0.83	4.28	1.45	3.62	18.61	
111-84-2	Nonane	0.33	0.83	1.26	1.75	4.38	6.63	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	0.72	3.28	26.25	3.52	J
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	1.08	3.89	11.66	6.31	J
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	2.27	3.66	10.99	12.48	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	QC Limits UCL	Flag
2037-26-5	Toluene-d8	104	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 07**

File Name:	2604907A.D	**Date Sampled:**	03/16/26	**Time:**	12:27
Descriptio	T-107	**Date Analyzed:**	03/26/26	**Time:**	18:21
Canister:	712	**Can Dilution Factor:**	1.00		
QC_Batch:	032626-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	89.05	2.25	2.71	240.88	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 07

File Name: 226049
Descriptio T-107
Canister: 712
QC_Batch: 032626-MA1

Date Sampled: 03/16/26 **Time:** 12:27
Date Analyzed: 03/26/26 **Time:** 18:21
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 08**

File Name:	2604908A.D	**Date Sampled:**	03/16/26	**Time:**	12:41
Description:	T-108	**Date Analyzed:**	03/26/26	**Time:**	19:02
Canister:	880	**Can Dilution Factor:**	1.00		
QC_Batch:	032626-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	0.75	0.57	1.44	1.28	J
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	6.51	2.18	2.62	8.53	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	2.70	3.15	20.20	5.10	J
107-02-8	Acrolein	0.33	1.00	0.91	0.77	2.30	2.10	J
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	2.66	3.97	4.76	6.32	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	ND	0.98	2.95	ND	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	4.06	3.73	5.33	12.97	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	0.74	3.66	10.99	4.08	J
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	101	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 08**

File Name: 2604908A.D **Date Sampled:** 03/16/26 **Time:** 12:41
Descriptio T-108 **Date Analyzed:** 03/26/26 **Time:** 19:02
Canister: 880 **Can Dilution Factor:** 1.00
QC_Batch: 032626-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	160.92	2.25	2.71	435.31	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 08

File Name: 226049
Descriptio T-108
Canister: 880
QC_Batch: 032626-MA1

Date Sampled: 03/16/26 **Time:** 12:41
Date Analyzed: 03/26/26 **Time:** 19:02
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 09**

File Name: 2604909A.D
Description: T-109
Canister: 710
QC_Batch: 032626-MA1

Date Sampled: 03/16/26 **Time:** 13:43
Date Analyzed: 03/26/26 **Time:** 19:56
Can Dilution Factor: 1.00
Air Volume: 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	0.55	0.57	1.44	0.95	J
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	7.36	2.18	2.62	9.65	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	ND	3.15	20.20	ND	
107-02-8	Acrolein	0.33	1.00	ND	0.77	2.30	ND	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	2.88	3.97	4.76	6.84	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	ND	0.98	2.95	ND	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	1.50	3.73	5.33	4.80	J
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	0.11	0.57	5.66	0.76	J
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	ND	3.66	10.99	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	107	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 09**

File Name:	2604909A.D	**Date Sampled:**	03/16/26	**Time:**	13:43
Descriptio	T-109	**Date Analyzed:**	03/26/26	**Time:**	19:56
Canister:	710	**Can Dilution Factor:**	1.00		
QC_Batch:	032626-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	114.86	2.25	2.71	310.69	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 09

File Name: 226049
Descriptio T-109
Canister: 710
QC_Batch: 032626-MA1

Date Sampled: 03/16/26 **Time:** 13:43
Date Analyzed: 03/26/26 **Time:** 19:56
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 10**

File Name:	2604910A.D	**Date Sampled:**	03/16/26	**Time:**	13:51
Description:	T-110	**Date Analyzed:**	03/26/26	**Time:**	20:33
Canister:	618	**Can Dilution Factor:**	1.00		
QC_Batch:	032626-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	0.37	0.57	1.44	0.64	J
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	16.75	2.18	2.62	21.96	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	ND	3.15	20.20	ND	
107-02-8	Acrolein	0.33	1.00	ND	0.77	2.30	ND	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	4.88	3.97	4.76	11.61	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	ND	0.98	2.95	ND	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	ND	3.73	5.33	ND	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	ND	3.66	10.99	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	102	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 10**

File Name: 2604910A.D **Date Sampled:** 03/16/26 **Time:** 13:51
Descriptio T-110 **Date Analyzed:** 03/26/26 **Time:** 20:33
Canister: 618 **Can Dilution Factor:** 1.00
QC_Batch: 032626-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	85.86	2.25	2.71	232.26	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 10

File Name: 226049
Descriptio T-110
Canister: 618
QC_Batch: 032626-MA1

Date Sampled: 03/16/26 **Time:** 13:51
Date Analyzed: 03/26/26 **Time:** 20:33
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 11**

File Name:	2604911A.D	**Date Sampled:**	03/16/26	**Time:**	14:04
Description:	T-111	**Date Analyzed:**	03/30/26	**Time:**	20:33
Canister:	856	**Can Dilution Factor:**	1.00		
QC_Batch:	033026-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	ND	0.57	1.44	ND	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	24.93	3.15	20.20	47.07	
107-02-8	Acrolein	0.33	1.00	0.75	0.77	2.30	1.72	J
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	10.23	3.97	4.76	24.35	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	1.12	0.98	2.95	3.31	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	1.60	3.73	5.33	5.10	J
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	0.11	0.45	4.48	0.59	J
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	0.23	0.57	5.66	1.55	J
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	ND	3.66	10.99	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	0.79	4.01	14.05	4.77	J
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	114	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 11**

File Name:	2604911B.D	**Date Sampled:**	03/16/26	**Time:**	14:04
Description:	T-111	**Date Analyzed:**	04/03/26	**Time:**	10:53
Canister:	856	**Can Dilution Factor:**	1.00		
QC_Batch:	040326-MA1	**Air Volume:**	20 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
67-56-1	Methanol	25.00	30.00	1,044.68	32.76	39.32	1,369.12	

	Surrogate Recovery	% Rec.	QC Limits LCL	QC Limits UCL	Flag
2037-26-5	Toluene-d8	107	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 11**

File Name:	2604911A.D	**Date Sampled:**	03/16/26	**Time:**	14:04
Descriptio	T-111	**Date Analyzed:**	03/30/26	**Time:**	20:33
Canister:	856	**Can Dilution Factor:**	1.00		
QC_Batch:	033026-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	20.56	2.25	2.71	55.62	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 11

File Name: 226049
Descriptio T-111
Canister: 856
QC_Batch: 033026-MA1

Date Sampled: 03/16/26 **Time:** 14:04
Date Analyzed: 03/30/26 **Time:** 20:33
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 12**

File Name:	2604912A.D	**Date Sampled:**	03/16/26	**Time:**	12:57
Description:	T-112	**Date Analyzed:**	03/30/26	**Time:**	13:42
Canister:	679	**Can Dilution Factor:**	1.00		
QC_Batch:	033026-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	79.46	0.57	1.44	136.93	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	0.37	0.43	2.13	0.95	J
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	1.43	0.88	2.20	3.79	
64-17-5	Ethanol	1.67	10.70	99.55	3.15	20.20	187.94	
107-02-8	Acrolein	0.33	1.00	ND	0.77	2.30	ND	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	35.72	3.97	4.76	85.00	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	1.74	1.04	2.60	5.42	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	ND	0.98	2.95	ND	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	0.72	1.18	2.94	2.55	J
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	4.71	0.66	3.31	18.67	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	0.23	0.82	4.08	1.15	J
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	0.36	0.68	3.38	1.45	J
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	6.24	0.57	2.87	21.52	
71-43-2	Benzene	1.17	1.67	1.89	3.73	5.33	6.05	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	1.70	1.37	3.42	6.96	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	1.60	0.45	4.48	8.63	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	3.19	0.57	5.66	21.65	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	2.11	3.66	10.99	11.57	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	108	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 12**

File Name:	2604912C.D	**Date Sampled:**	03/16/26	**Time:**	12:57
Description:	T-112	**Date Analyzed:**	04/06/26	**Time:**	12:20
Canister:	679	**Can Dilution Factor:**	1.00		
QC_Batch:	040626-MA1	**Air Volume:**	2 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
67-56-1	Methanol	250.00	300.00	1,126.50	327.64	393.17	1,476.34	

	Surrogate Recovery	% Rec.	QC Limits LCL	QC Limits UCL	Flag
2037-26-5	Toluene-d8	100	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 12**

File Name:	2604912A.D	**Date Sampled:**	03/16/26	**Time:**	12:57
Descriptio	T-112	**Date Analyzed:**	03/30/26	**Time:**	13:42
Canister:	679	**Can Dilution Factor:**	1.00		
QC_Batch:	033026-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	49.14	2.25	2.71	132.93	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 12

File Name: 226049
Descriptio T-112
Canister: 679
QC_Batch: 033026-MA1

Date Sampled: 03/16/26 **Time:** 12:57
Date Analyzed: 03/30/26 **Time:** 13:42
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
ALPHA-PINENE	2.33	5.00	24.87	13.02	27.90	138.75
OCTAMETHYL CYCLOTETRASILOXANE	2.33	5.00	30.93	9.56	20.48	126.69
UNKNOWN	2.33	5.00	23.13	9.56	20.48	94.74

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 13**

File Name:	2604913A.D	**Date Sampled:**	03/16/26	**Time:**	13:01
Description:	T-113	**Date Analyzed:**	03/30/26	**Time:**	14:25
Canister:	690	**Can Dilution Factor:**	1.00		
QC_Batch:	033026-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	100.86	0.57	1.44	173.82	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	0.37	0.43	2.13	0.96	J
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	1.67	0.88	2.20	4.42	
64-17-5	Ethanol	1.67	10.70	106.38	3.15	20.20	200.85	
107-02-8	Acrolein	0.33	1.00	ND	0.77	2.30	ND	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	44.19	3.97	4.76	105.15	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	2.00	1.04	2.60	6.24	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	ND	0.98	2.95	ND	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	0.83	1.18	2.94	2.92	J
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	0.19	0.88	4.42	1.02	J
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	5.24	0.66	3.31	20.81	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	0.30	0.82	4.08	1.45	J
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	0.36	0.68	3.38	1.48	J
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	6.74	0.57	2.87	23.23	
71-43-2	Benzene	1.17	1.67	2.39	3.73	5.33	7.65	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	1.86	1.37	3.42	7.63	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	1.83	0.45	4.48	9.85	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	3.04	0.57	5.66	20.67	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	2.54	3.66	10.99	13.94	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	100	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 13**

File Name:	2604913C.D	**Date Sampled:**	03/16/26	**Time:**	13:01
Description:	T-113	**Date Analyzed:**	04/06/26	**Time:**	12:57
Canister:	690	**Can Dilution Factor:**	1.00		
QC_Batch:	040626-MA1	**Air Volume:**	2 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
67-56-1	Methanol	250.00	300.00	1,526.49	327.64	393.17	2,000.56	

	Surrogate Recovery	% Rec.	QC Limits LCL	QC Limits UCL	Flag
2037-26-5	Toluene-d8	104	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 13**

File Name:	2604913A.D	**Date Sampled:**	03/16/26	**Time:**	13:01
Descriptio	T-113	**Date Analyzed:**	03/30/26	**Time:**	14:25
Canister:	690	**Can Dilution Factor:**	1.00		
QC_Batch:	033026-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	82.95	2.25	2.71	224.40	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 13

File Name: 226049
Descriptio T-113
Canister: 690
QC_Batch: 033026-MA1

Date Sampled: 03/16/26 **Time:** 13:01
Date Analyzed: 03/30/26 **Time:** 14:25
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
ALPHA-PINENE	2.33	5.00	29.13	9.56	20.48	119.32
OCTAMETHYL CYCLOTETRASILOXANE	2.33	5.00	32.27	9.56	20.48	132.15
UNKNOWN	2.33	5.00	12.90	9.56	20.48	52.83

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 14**

File Name:	2604914A.D	**Date Sampled:**	03/16/26	**Time:**	14:30
Description:	T-114	**Date Analyzed:**	03/26/26	**Time:**	17:44
Canister:	539	**Can Dilution Factor:**	1.00		
QC_Batch:	032626-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	ND	0.57	1.44	ND	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	ND	2.18	2.62	ND	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	0.34	0.37	1.85	0.76	J
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	ND	3.15	20.20	ND	
107-02-8	Acrolein	0.33	1.00	ND	0.77	2.30	ND	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	ND	3.97	4.76	ND	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	0.72	1.04	2.60	2.25	J
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	ND	0.98	2.95	ND	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	ND	3.73	5.33	ND	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	ND	3.66	10.99	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	1.67	0.33	ND	8.75	1.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	105	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 14**

File Name:	2604914A.D	**Date Sampled:**	03/16/26	**Time:**	14:30
Descriptio	T-114	**Date Analyzed:**	03/26/26	**Time:**	17:44
Canister:	539	**Can Dilution Factor:**	1.00		
QC_Batch:	032626-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	200.74	2.25	2.71	543.01	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 14

File Name: 226049
Descriptio T-114
Canister: 539
QC_Batch: 032626-MA1

Date Sampled: 03/16/26 **Time:** 14:30
Date Analyzed: 03/26/26 **Time:** 17:44
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 15**

File Name: 2604915A.D **Date Sampled:** 03/17/26 **Time:** 10:20
Description: T-201 **Date Analyzed:** 03/30/26 **Time:** 15:02
Canister: 508 **Can Dilution Factor:** 1.00
QC_Batch: 033026-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	5.08	0.57	1.44	8.75	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	25.68	2.18	2.62	33.65	
74-87-3	Chloromethane	0.50	0.83	5.15	1.03	1.72	10.64	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	12.87	3.15	20.20	24.30	
107-02-8	Acrolein	0.33	1.00	0.74	0.77	2.30	1.69	J
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	36.05	3.97	4.76	85.77	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	100.13	0.98	2.95	295.66	E
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	1.36	3.73	5.33	4.34	J
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	1.77	3.28	14.77	8.72	J
124-18-5	Decane	0.67	2.00	2.25	3.89	11.66	13.13	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	3.16	3.28	14.77	15.57	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	4.63	3.66	10.99	25.44	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	111	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 15**

File Name:	2604915A.D	**Date Sampled:**	03/17/26	**Time:**	10:20
Descriptio	T-201	**Date Analyzed:**	03/30/26	**Time:**	15:02
Canister:	508	**Can Dilution Factor:**	1.00		
QC_Batch:	033026-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	221.56	2.25	2.71	599.34	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 15

File Name: 226049
Descriptio T-201
Canister: 508
QC_Batch: 033026-MA1

Date Sampled: 03/17/26 **Time:** 10:20
Date Analyzed: 03/30/26 **Time:** 15:02
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
UNDECANE	2.33	5.00	25.80	14.94	32.01	165.16

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 16**

File Name: 2604916A.D **Date Sampled:** 03/17/26 **Time:** 10:14
Description: T-202 **Date Analyzed:** 03/30/26 **Time:** 15:38
Canister: 882 **Can Dilution Factor:** 1.00
QC_Batch: 033026-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	ND	0.57	1.44	ND	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	19.41	2.18	2.62	25.44	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	9.40	3.15	20.20	17.75	J
107-02-8	Acrolein	0.33	1.00	ND	0.77	2.30	ND	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	9.50	3.97	4.76	22.61	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	0.37	0.98	2.95	1.09	J
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	4.74	0.82	4.08	23.20	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	2.23	0.57	2.87	7.68	
71-43-2	Benzene	1.17	1.67	1.36	3.73	5.33	4.36	J
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	ND	3.66	10.99	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	119	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 16**

File Name:	2604916A.D	**Date Sampled:**	03/17/26	**Time:**	10:14
Descriptio	T-202	**Date Analyzed:**	03/30/26	**Time:**	15:38
Canister:	882	**Can Dilution Factor:**	1.00		
QC_Batch:	033026-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	233.97	2.25	2.71	632.90	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 16

File Name: 226049
Descriptio T-202
Canister: 882
QC_Batch: 033026-MA1

Date Sampled: 03/17/26 **Time:** 10:14
Date Analyzed: 03/30/26 **Time:** 15:38
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 17**

File Name: 2604917A.D **Date Sampled:** 03/17/26 **Time:** 10:24
Description: T-203 **Date Analyzed:** 03/30/26 **Time:** 16:14
Canister: 699 **Can Dilution Factor:** 1.00
QC_Batch: 033026-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	98.23	0.57	1.44	169.29	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	16.71	2.18	2.62	21.90	
74-87-3	Chloromethane	0.50	0.83	0.85	1.03	1.72	1.76	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	2.42	1.30	3.24	9.40	
75-00-3	Chloroethane	0.33	0.83	4.92	0.88	2.20	12.99	
64-17-5	Ethanol	1.67	10.70	8.35	3.15	20.20	15.76	J
107-02-8	Acrolein	0.33	1.00	ND	0.77	2.30	ND	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	47.95	3.97	4.76	114.10	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	1.97	0.58	2.90	6.86	
75-15-0	Carbon disulfide	0.33	0.83	1.73	1.04	2.60	5.39	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	0.54	0.67	3.38	2.19	J
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	14.87	0.98	2.95	43.92	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	10.54	1.18	2.94	37.19	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	13.46	0.50	2.95	39.75	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	13.96	0.66	3.31	55.40	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	10.22	0.68	3.38	41.43	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	56.86	0.57	2.87	196.09	
71-43-2	Benzene	1.17	1.67	14.88	3.73	5.33	47.61	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	74.49	1.37	3.42	305.68	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	9.21	0.45	4.48	49.57	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	97.27	2.51	3.14	366.92	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	21.61	1.56	3.90	101.07	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	34.47	0.57	5.66	234.07	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	22.27	1.45	3.62	96.86	
1330-20-7	m,p-Xylenes	0.33	0.83	24.85	1.45	3.62	108.08	
111-84-2	Nonane	0.33	0.83	9.45	1.75	4.38	49.66	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	7.02	1.45	3.62	30.52	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	2.53	3.28	26.25	12.46	J
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	2.72	3.28	14.77	13.38	J
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	0.93	3.28	14.77	4.59	J
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	9.44	3.66	10.99	51.86	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	101	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 17**

File Name:	2604917A.D	**Date Sampled:**	03/17/26	**Time:**	10:24
Descriptio	T-203	**Date Analyzed:**	03/30/26	**Time:**	16:14
Canister:	699	**Can Dilution Factor:**	1.00		
QC_Batch:	033026-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	351.82	2.25	2.71	951.71	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 17

File Name: 226049
Descriptio T-203
Canister: 699
QC_Batch: 033026-MA1

Date Sampled: 03/17/26 **Time:** 10:24
Date Analyzed: 03/30/26 **Time:** 16:14
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
BUTANE	2.33	5.00	51.60	9.56	20.48	211.33
3-METHYL HEXANE	2.33	5.00	94.10	9.56	20.48	385.39
4-METHYL OCTANE	2.33	5.00	48.43	9.56	20.48	198.36
ALPHA PINENE	2.33	5.00	125.23	9.56	20.48	512.89
BETA PINENE	2.33	5.00	65.83	9.56	20.48	269.62
LIMONENE	2.33	5.00	141.67	9.56	20.48	580.20
1,1,1,2-TETRAFLUOROETHANE	2.33	5.00	4.27	9.56	20.48	17.47

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 18**

File Name: 2604918A.D **Date Sampled:** 03/17/26 **Time:** 10:10
Description: T-204 **Date Analyzed:** 03/30/26 **Time:** 16:49
Canister: 726 **Can Dilution Factor:** 1.00
QC_Batch: 033026-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	34.83	2.18	2.62	45.65	
74-87-3	Chloromethane	0.50	0.83	11.72	1.03	1.72	24.23	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	5.81	0.43	2.13	14.88	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	1.47	1.30	3.24	5.73	
75-00-3	Chloroethane	0.33	0.83	38.65	0.88	2.20	102.11	
64-17-5	Ethanol	1.67	10.70	ND	3.15	20.20	ND	
107-02-8	Acrolein	0.33	1.00	ND	0.77	2.30	ND	
75-69-4	Trichlorofluoromethane	0.33	0.83	0.64	1.88	4.69	3.62	J
67-64-1	Acetone	1.67	2.00	16.67	3.97	4.76	39.66	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	9.46	0.58	2.90	32.91	
75-15-0	Carbon disulfide	0.33	0.83	6.50	1.04	2.60	20.25	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	1.40	0.67	3.38	5.68	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	4.43	0.98	2.95	13.07	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	42.56	1.18	2.94	150.27	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	
109-99-9	Tetrahydrofuran	0.17	1.00	8.43	0.50	2.95	24.88	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	10.92	0.66	3.31	43.35	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	3.20	0.82	4.08	15.63	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	8.91	0.68	3.38	36.13	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
71-43-2	Benzene	1.17	1.67	29.52	3.73	5.33	94.42	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	22.14	0.78	3.90	103.54	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	5.83	0.45	4.48	31.36	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	43.03	1.56	3.90	201.24	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	11.52	0.57	5.66	78.19	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	65.33	1.45	3.62	284.14	
111-84-2	Nonane	0.33	0.83	32.64	1.75	4.38	171.50	
100-42-5	Styrene	0.50	0.83	13.74	2.13	3.56	58.65	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	39.99	1.45	3.62	173.91	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	11.34	3.28	11.49	55.85	
622-96-8	4-Ethyltoluene	0.67	5.33	40.91	3.28	26.25	201.40	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	14.74	3.28	14.77	72.56	
124-18-5	Decane	0.67	2.00	16.94	3.89	11.66	98.72	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	16.91	3.28	14.77	83.26	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	3.10	3.66	10.99	17.05	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	22.21	1.75	8.75	116.60	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	98	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 18**

File Name:	2604918B.D	**Date Sampled:**	03/17/26	**Time:**	10:10
Description:	T-204	**Date Analyzed:**	04/03/26	**Time:**	12:06
Canister:	726	**Can Dilution Factor:**	1.00		
QC_Batch:	040326-MA1	**Air Volume:**	20 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	5.00	12.50	610.07	8.62	21.54	1,051.38	
110-82-7	Cyclohexane	2.50	12.50	171.10	8.62	43.11	590.04	
142-82-5	n-Heptane	5.00	12.50	292.96	20.52	51.30	1,202.23	
108-88-3	Toluene	10.00	12.50	381.17	37.72	47.15	1,437.76	
1330-20-7	m,p-Xylenes	5.00	12.50	80.77	21.75	54.37	351.32	
99-87-6	Isopropyltoluene	10.00	30.00	368.30	54.96	164.88	2,024.23	

	Surrogate Recovery	% Rec.	QC Limits LCL	QC Limits UCL	Flag
2037-26-5	Toluene-d8	101	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 18**

File Name: 2604918A.D **Date Sampled:** 03/17/26 **Time:** 10:10
Descriptio T-204 **Date Analyzed:** 03/30/26 **Time:** 16:49
Canister: 726 **Can Dilution Factor:** 1.00
QC_Batch: 033026-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	701.05	2.25	2.71	1,896.39	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 18

File Name: 226049
Descriptio T-204
Canister: 726
QC_Batch: 040326-MA1

Date Sampled: 03/17/26 **Time:** 10:10
Date Analyzed: 04/03/26 **Time:** 12:06
Can Dilution Factor: 1.00
Air Volume: 20.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
BUTANE	35.00	75.00	307.00	143.34	307.16	1,257.32
3-METHYL HEXANE	35.00	75.00	265.00	143.34	307.16	1,085.31
ALPHA PINENE	35.00	75.00	1,138.00	143.34	307.16	4,660.68
2,2,4,6,6-PENTAMETHYL-HEPTANE	35.00	75.00	738.50	143.34	307.16	3,024.53
D-LIMONENE	35.00	75.00	895.50	143.34	307.16	3,667.52

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 19**

File Name:	2604919A.D	**Date Sampled:**	03/17/26	**Time:**	11:20
Description:	T-205	**Date Analyzed:**	03/30/26	**Time:**	17:25
Canister:	786	**Can Dilution Factor:**	1.00		
QC_Batch:	033026-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	41.95	0.57	1.44	72.30	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	97.79	2.18	2.62	128.16	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	1.67	0.88	2.20	4.40	
64-17-5	Ethanol	1.67	10.70	6.52	3.15	20.20	12.30	J
107-02-8	Acrolein	0.33	1.00	ND	0.77	2.30	ND	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	8.52	3.97	4.76	20.28	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	1.75	1.04	2.60	5.44	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	0.52	0.98	2.95	1.53	J
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	0.58	1.18	2.94	2.06	J
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	0.88	0.82	4.08	4.32	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	0.26	0.68	3.38	1.07	J
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	4.06	0.57	2.87	14.01	
71-43-2	Benzene	1.17	1.67	1.52	3.73	5.33	4.85	J
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	0.91	0.78	3.90	4.26	
142-82-5	n-Heptane	0.33	0.83	2.07	1.37	3.42	8.51	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	9.84	3.66	10.99	54.09	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	26.91	1.75	8.75	141.31	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	103	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 19**

File Name: 2604919A.D
Descriptio T-205
Canister: 786
QC_Batch: 033026-MA1

Date Sampled: 03/17/26 **Time:** 11:20
Date Analyzed: 03/30/26 **Time:** 17:25
Can Dilution Factor: 1.00
Air Volume: 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	118.60	2.25	2.71	320.83	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 19

File Name: 226049
Descriptio T-205
Canister: 786
QC_Batch: 033026-MA1

Date Sampled: 03/17/26 **Time:** 11:20
Date Analyzed: 03/30/26 **Time:** 17:25
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 20**

File Name: 2604920A.D **Date Sampled:** 03/17/26 **Time:** 11:33
Description: T-206 **Date Analyzed:** 03/30/26 **Time:** 18:01
Canister: 547 **Can Dilution Factor:** 1.00
QC_Batch: 033026-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	5.73	0.57	1.44	9.87	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
74-87-3	Chloromethane	0.50	0.83	0.97	1.03	1.72	2.00	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	32.88	3.15	20.20	62.07	
107-02-8	Acrolein	0.33	1.00	2.44	0.77	2.30	5.61	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	27.32	3.97	4.76	65.02	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	1.61	1.04	2.60	5.00	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	2.15	0.98	2.95	6.36	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	19.12	0.82	4.08	93.49	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	1.67	0.57	2.87	5.75	
71-43-2	Benzene	1.17	1.67	1.96	3.73	5.33	6.26	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	0.52	0.78	3.90	2.41	J
142-82-5	n-Heptane	0.33	0.83	1.07	1.37	3.42	4.41	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	0.14	0.57	5.66	0.97	J
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	2.04	3.66	10.99	11.22	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	21.47	1.75	8.75	112.74	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	106	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 20**

File Name:	2604920B.D	**Date Sampled:**	03/17/26	**Time:**	11:33
Description:	T-206	**Date Analyzed:**	04/03/26	**Time:**	12:42
Canister:	547	**Can Dilution Factor:**	1.00		
QC_Batch:	040326-MA1	**Air Volume:**	20 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
67-56-1	Methanol	25.00	30.00	1,905.92	32.76	39.32	2,497.83	

	Surrogate Recovery	% Rec.	QC Limits LCL	QC Limits UCL	Flag
2037-26-5	Toluene-d8	126	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 20**

File Name:	2604920A.D	**Date Sampled:**	03/17/26	**Time:**	11:33
Descriptio	T-206	**Date Analyzed:**	03/30/26	**Time:**	18:01
Canister:	547	**Can Dilution Factor:**	1.00		
QC_Batch:	033026-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	189.24	2.25	2.71	511.90	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 20

File Name: 226049
Descriptio T-206
Canister: 547
QC_Batch: 033026-MA1

Date Sampled: 03/17/26 **Time:** 11:33
Date Analyzed: 03/30/26 **Time:** 18:01
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
HEXAMETHYL-CYCLOTRISILOXANE	2.33	5.00	14.17	21.26	45.55	129.07
UNKNOWN	2.33	5.00	15.43	17.25	36.97	114.12
OCTAMETHYL CYCLOTETRASILOXANE	2.33	5.00	28.23	9.56	20.48	115.63

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

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ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 21**

File Name:	2604921A.D	**Date Sampled:**	03/17/26	**Time:**	11:26
Description:	T-207	**Date Analyzed:**	03/30/26	**Time:**	18:37
Canister:	762	**Can Dilution Factor:**	1.00		
QC_Batch:	033026-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	2.83	0.57	1.44	4.88	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	70.77	2.18	2.62	92.75	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	6.76	3.15	20.20	12.76	J
107-02-8	Acrolein	0.33	1.00	1.01	0.77	2.30	2.33	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	11.17	3.97	4.76	26.57	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	1.76	1.04	2.60	5.49	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	0.78	0.98	2.95	2.31	J
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	0.52	1.18	2.94	1.83	J
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	0.62	0.82	4.08	3.05	J
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	0.83	0.57	2.87	2.88	
71-43-2	Benzene	1.17	1.67	2.19	3.73	5.33	7.00	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	0.66	1.37	3.42	2.70	J
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	0.83	3.66	10.99	4.58	J
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	12.51	1.75	8.75	65.71	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	107	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 21**

File Name:	2604921A.D	**Date Sampled:**	03/17/26	**Time:**	11:26
Descriptio	T-207	**Date Analyzed:**	03/30/26	**Time:**	18:37
Canister:	762	**Can Dilution Factor:**	1.00		
QC_Batch:	033026-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	89.25	2.25	2.71	241.42	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 21

File Name: 226049
Descriptio T-207
Canister: 762
QC_Batch: 033026-MA1

Date Sampled: 03/17/26 **Time:** 11:26
Date Analyzed: 03/30/26 **Time:** 18:37
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 22**

File Name:	2604922A.D	**Date Sampled:**	03/17/26	**Time:**	11:27
Description:	T-208	**Date Analyzed:**	03/30/26	**Time:**	19:12
Canister:	654	**Can Dilution Factor:**	1.00		
QC_Batch:	033026-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	3.83	0.57	1.44	6.60	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	6.10	3.15	20.20	11.51	J
107-02-8	Acrolein	0.33	1.00	1.23	0.77	2.30	2.82	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	43.03	3.97	4.76	102.38	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	0.80	0.98	2.95	2.35	J
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	0.34	1.18	2.94	1.21	J
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	0.89	0.82	4.08	4.34	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	3.25	0.57	2.87	11.22	
71-43-2	Benzene	1.17	1.67	2.11	3.73	5.33	6.76	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	0.71	0.78	3.90	3.34	J
142-82-5	n-Heptane	0.33	0.83	0.68	1.37	3.42	2.80	J
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	0.63	0.57	5.66	4.31	J
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	1.08	3.66	10.99	5.91	J
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	9.90	1.75	8.75	51.98	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	102	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 22**

File Name:	2604922A.D	**Date Sampled:**	03/17/26	**Time:**	11:27
Descriptio	T-208	**Date Analyzed:**	03/30/26	**Time:**	19:12
Canister:	654	**Can Dilution Factor:**	1.00		
QC_Batch:	033026-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	129.22	2.25	2.71	349.56	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 22**

File Name:	2604922B.D	**Date Sampled:**	03/17/26	**Time:**	11:27
Description:	T-208	**Date Analyzed:**	04/03/26	**Time:**	13:21
Canister:	654	**Can Dilution Factor:**	1.00		
QC_Batch:	040326-MA1	**Air Volume:**	20 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
67-56-1	Methanol	25.00	30.00	1,038.30	32.76	39.32	1,360.76	

	Surrogate Recovery	% Rec.	QC Limits LCL	QC Limits UCL	Flag
2037-26-5	Toluene-d8	105	70	130	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 22

File Name: 226049
Descriptio T-208
Canister: 654
QC_Batch: 033026-MA1

Date Sampled: 03/17/26 **Time:** 11:27
Date Analyzed: 03/30/26 **Time:** 19:12
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
HEXAMETHYL DISILOXANE	2.33	5.00	25.63	9.56	20.48	104.98
UNKNOWN	2.33	5.00	66.67	9.56	20.48	273.03
ALPHA PINENE	2.33	5.00	32.87	9.56	20.48	134.61
OCTAMETHYL CYCLOTETRASILOXANE	2.33	5.00	36.53	9.56	20.48	149.62
C10 HYDROCARBON	2.33	5.00	35.97	9.56	20.48	147.30
D-LIMONENE	2.33	5.00	7.70	9.56	20.48	31.54

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 23**

File Name:	2604923A.D	**Date Sampled:**	03/17/26	**Time:**	12:38
Description:	T-209	**Date Analyzed:**	03/30/26	**Time:**	19:48
Canister:	645	**Can Dilution Factor:**	1.00		
QC_Batch:	033026-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	ND	0.57	1.44	ND	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	17.56	2.18	2.62	23.01	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	ND	3.15	20.20	ND	
107-02-8	Acrolein	0.33	1.00	0.54	0.77	2.30	1.25	J
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	4.99	3.97	4.76	11.87	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	ND	0.98	2.95	ND	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	ND	3.73	5.33	ND	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	ND	3.66	10.99	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	107	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 23**

File Name:	2604923A.D	**Date Sampled:**	03/17/26	**Time:**	12:38
Descriptio	T-209	**Date Analyzed:**	03/30/26	**Time:**	19:48
Canister:	645	**Can Dilution Factor:**	1.00		
QC_Batch:	033026-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	97.56	2.25	2.71	263.92	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 23

File Name: 226049
Descriptio T-209
Canister: 645
QC_Batch: 033026-MA1

Date Sampled: 03/17/26 **Time:** 12:38
Date Analyzed: 03/30/26 **Time:** 19:48
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 24**

File Name:	2604924A.D	**Date Sampled:**	03/17/26	**Time:**	12:41
Description:	T-210	**Date Analyzed:**	03/30/26	**Time:**	20:29
Canister:	647	**Can Dilution Factor:**	1.00		
QC_Batch:	033026-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	ND	0.57	1.44	ND	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	13.36	2.18	2.62	17.50	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	2.76	3.15	20.20	5.21	J
107-02-8	Acrolein	0.33	1.00	ND	0.77	2.30	ND	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	3.75	3.97	4.76	8.92	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	ND	0.98	2.95	ND	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	2.56	3.73	5.33	8.19	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	ND	3.66	10.99	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	105	70	130	

TRACER

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 24**

File Name:	2604924A.D	**Date Sampled:**	03/17/26	**Time:**	12:41
Descriptio	T-210	**Date Analyzed:**	03/30/26	**Time:**	20:29
Canister:	647	**Can Dilution Factor:**	1.00		
QC_Batch:	033026-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	80.03	2.25	2.71	216.50	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049
Analytical Method: TO-15 **Laboratory ID:** 24

File Name: 226049 **Date Sampled:** 03/17/26 **Time:** 12:41
Descriptio T-210 **Date Analyzed:** 03/30/26 **Time:** 20:29
Canister: 647 **Can Dilution Factor:** 1.00
QC_Batch: 033026-MA1 **Air Volume:** 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 25**

File Name:	2604925A.D	**Date Sampled:**	03/17/26	**Time:**	12:35
Description:	T-211	**Date Analyzed:**	03/31/26	**Time:**	12:46
Canister:	823	**Can Dilution Factor:**	1.00		
QC_Batch:	033126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	ND	0.57	1.44	ND	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	9.79	2.18	2.62	12.83	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	ND	3.15	20.20	ND	
107-02-8	Acrolein	0.33	1.00	0.82	0.77	2.30	1.88	J
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	12.29	3.97	4.76	29.24	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	0.83	0.98	2.95	2.44	J
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	0.31	0.50	2.95	0.91	J
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	1.25	3.73	5.33	3.98	J
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	ND	3.66	10.99	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	124	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 25**

File Name:	2604925A.D	**Date Sampled:**	03/17/26	**Time:**	12:35
Descriptio	T-211	**Date Analyzed:**	03/31/26	**Time:**	12:46
Canister:	823	**Can Dilution Factor:**	1.00		
QC_Batch:	033126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	57.27	2.25	2.71	154.93	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 25

File Name: 226049
Descriptio T-211
Canister: 823
QC_Batch: 033126-MA1

Date Sampled: 03/17/26 **Time:** 12:35
Date Analyzed: 03/31/26 **Time:** 12:46
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 26**

File Name: 2604926.D **Date Sampled:** 03/17/26 **Time:** 12:40
Description: T-212 **Date Analyzed:** 03/31/26 **Time:** 13:23
Canister: 503 **Can Dilution Factor:** 1.00
QC_Batch: 033126-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	ND	0.57	1.44	ND	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	12.33	2.18	2.62	16.17	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	3.97	3.15	20.20	7.50	J
107-02-8	Acrolein	0.33	1.00	0.38	0.77	2.30	0.87	J
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	4.80	3.97	4.76	11.43	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	ND	0.98	2.95	ND	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	ND	3.73	5.33	ND	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	ND	3.66	10.99	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC LCL	Limits UCL	Flag
2037-26-5	Toluene-d8	116	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 26**

File Name:	2604926.D	**Date Sampled:**	03/17/26	**Time:**	12:40
Descriptio	T-212	**Date Analyzed:**	03/31/26	**Time:**	13:23
Canister:	503	**Can Dilution Factor:**	1.00		
QC_Batch:	033126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	36.02	2.25	2.71	97.43	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 26

File Name: 226049
Descriptio T-212
Canister: 503
QC_Batch: 033126-MA1

Date Sampled: 03/17/26 **Time:** 12:40
Date Analyzed: 03/31/26 **Time:** 13:23
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 27**

File Name:	2604927.D	**Date Sampled:**	03/17/26	**Time:**	12:31
Description:	T-213	**Date Analyzed:**	03/31/26	**Time:**	14:03
Canister:	534	**Can Dilution Factor:**	1.00		
QC_Batch:	033126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	ND	0.57	1.44	ND	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	11.55	2.18	2.62	15.13	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	3.83	3.15	20.20	7.23	J
107-02-8	Acrolein	0.33	1.00	ND	0.77	2.30	ND	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	4.41	3.97	4.76	10.48	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	ND	0.98	2.95	ND	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	ND	3.73	5.33	ND	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	ND	3.66	10.99	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	102	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 27**

File Name:	2604927.D	**Date Sampled:**	03/17/26	**Time:**	12:31
Descriptio	T-213	**Date Analyzed:**	03/31/26	**Time:**	14:03
Canister:	534	**Can Dilution Factor:**	1.00		
QC_Batch:	033126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	35.76	2.25	2.71	96.73	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049
Analytical Method: TO-15 **Laboratory ID:** 27

File Name: 226049 **Date Sampled:** 03/17/26 **Time:** 12:31
Descriptio T-213 **Date Analyzed:** 03/31/26 **Time:** 14:03
Canister: 534 **Can Dilution Factor:** 1.00
QC_Batch: 033126-MA1 **Air Volume:** 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 28**

File Name:	2604928B.D	**Date Sampled:**	03/17/26	**Time:**	13:09
Description:	T-214	**Date Analyzed:**	03/26/26	**Time:**	21:32
Canister:	900	**Can Dilution Factor:**	1.00		
QC_Batch:	032626-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	ND	0.57	1.44	ND	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	ND	2.18	2.62	ND	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	ND	3.15	20.20	ND	
107-02-8	Acrolein	0.33	1.00	ND	0.77	2.30	ND	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	ND	3.97	4.76	ND	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	ND	0.98	2.95	ND	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	ND	3.73	5.33	ND	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	ND	3.66	10.99	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	1.67	0.33	ND	8.75	1.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	130	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 28**

File Name:	2604928B.D	**Date Sampled:**	03/17/26	**Time:**	13:09
Descriptio	T-214	**Date Analyzed:**	03/26/26	**Time:**	21:32
Canister:	900	**Can Dilution Factor:**	1.00		
QC_Batch:	032626-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	209.01	2.25	2.71	565.38	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 28

File Name: 226049
Descriptio T-214
Canister: 900
QC_Batch: 032626-MA1

Date Sampled: 03/17/26 **Time:** 13:09
Date Analyzed: 03/26/26 **Time:** 21:32
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 29**

File Name: 2604929.D **Date Sampled:** 03/18/26 **Time:** 10:08
Description: T-301 **Date Analyzed:** 03/31/26 **Time:** 14:40
Canister: 766 **Can Dilution Factor:** 1.00
QC_Batch: 033126-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	ND	0.57	1.44	ND	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	181.19	2.18	2.62	237.46	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	25.15	3.15	20.20	47.49	
107-02-8	Acrolein	0.33	1.00	0.81	0.77	2.30	1.86	J
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	45.56	3.97	4.76	108.40	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	5.90	1.64	10.26	14.53	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	21.65	0.98	2.95	63.94	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	17.93	0.50	2.95	52.95	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	3.02	3.73	5.33	9.67	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	ND	3.66	10.99	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	96	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 29**

File Name:	2604929.D	**Date Sampled:**	03/18/26	**Time:**	10:08
Descriptio	T-301	**Date Analyzed:**	03/31/26	**Time:**	14:40
Canister:	766	**Can Dilution Factor:**	1.00		
QC_Batch:	033126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	106.25	2.25	2.71	287.41	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 29

File Name: 226049
Descriptio T-301
Canister: 766
QC_Batch: 033126-MA1

Date Sampled: 03/18/26 **Time:** 10:08
Date Analyzed: 03/31/26 **Time:** 14:40
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 30**

File Name:	2604930A.D	**Date Sampled:**	03/18/26	**Time:**	10:13
Description:	T-302	**Date Analyzed:**	03/31/26	**Time:**	16:39
Canister:	692	**Can Dilution Factor:**	1.00		
QC_Batch:	033126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	6.54	0.57	1.44	11.27	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	107.21	2.18	2.62	140.50	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	18.59	3.15	20.20	35.09	
107-02-8	Acrolein	0.33	1.00	1.43	0.77	2.30	3.29	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	68.45	3.97	4.76	162.87	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	3.38	1.64	10.26	8.32	J
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	0.37	1.04	2.60	1.16	J
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	46.07	0.98	2.95	136.04	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	0.47	1.20	3.01	1.68	J
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	40.65	0.50	2.95	120.04	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	8.34	3.73	5.33	26.69	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	2.03	1.37	10.94	8.32	J
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	0.98	1.37	10.94	4.01	J
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	3.34	3.66	10.99	18.34	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	103	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 30**

File Name:	2604930A.D	**Date Sampled:**	03/18/26	**Time:**	10:13
Descriptio	T-302	**Date Analyzed:**	03/31/26	**Time:**	16:39
Canister:	692	**Can Dilution Factor:**	1.00		
QC_Batch:	033126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	200.84	2.25	2.71	543.30	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 30

File Name: 226049
Descriptio T-302
Canister: 692
QC_Batch: 033126-MA1

Date Sampled: 03/18/26 **Time:** 10:13
Date Analyzed: 03/31/26 **Time:** 16:39
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
UNKNOWN	2.33	5.00	31.27	9.56	20.48	128.05

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 31**

File Name: 2604931A.D **Date Sampled:** 03/18/26 **Time:** 10:14
Description: T-303 **Date Analyzed:** 03/31/26 **Time:** 17:24
Canister: 642 **Can Dilution Factor:** 1.00
QC_Batch: 033126-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	3.35	0.57	1.44	5.77	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
74-87-3	Chloromethane	0.50	0.83	0.71	1.03	1.72	1.47	J
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	44.59	3.15	20.20	84.19	
107-02-8	Acrolein	0.33	1.00	1.90	0.77	2.30	4.38	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	67.37	3.97	4.76	160.30	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	12.88	1.64	10.26	31.71	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	40.26	0.98	2.95	118.88	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	
109-99-9	Tetrahydrofuran	0.17	1.00	28.43	0.50	2.95	83.94	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	3.44	3.73	5.33	10.99	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	0.98	1.37	10.94	4.03	J
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	0.70	1.37	10.94	2.86	J
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	2.59	3.66	10.99	14.23	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	106	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 31**

File Name:	2604931B.D	**Date Sampled:**	03/18/26	**Time:**	10:14
Description:	T-303	**Date Analyzed:**	04/03/26	**Time:**	13:55
Canister:	642	**Can Dilution Factor:**	1.00		
QC_Batch:	040326-MA1	**Air Volume:**	20 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
67-56-1	Methanol	25.00	30.00	477.20	32.76	39.32	625.40	

	Surrogate Recovery	% Rec.	QC Limits LCL	QC Limits UCL	Flag
2037-26-5	Toluene-d8	102	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 31**

File Name:	2604931A.D	**Date Sampled:**	03/18/26	**Time:**	10:14
Descriptio	T-303	**Date Analyzed:**	03/31/26	**Time:**	17:24
Canister:	642	**Can Dilution Factor:**	1.00		
QC_Batch:	033126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	189.08	2.25	2.71	511.48	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 31

File Name: 226049
Descriptio T-303
Canister: 642
QC_Batch: 033126-MA1

Date Sampled: 03/18/26 **Time:** 10:14
Date Analyzed: 03/31/26 **Time:** 17:24
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
METHYL ESTER BUTANOIC ACID	2.33	5.00	19.30	9.76	20.91	80.73

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 32**

File Name:	2604932A.D	**Date Sampled:**	03/18/26	**Time:**	10:11
Description:	T-304	**Date Analyzed:**	03/31/26	**Time:**	18:14
Canister:	675	**Can Dilution Factor:**	1.00		
QC_Batch:	033126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	2.56	0.57	1.44	4.42	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	0.40	0.37	1.85	0.88	J
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	61.57	3.15	20.20	116.24	
107-02-8	Acrolein	0.33	1.00	1.65	0.77	2.30	3.80	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	96.28	3.97	4.76	229.10	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	24.02	1.64	10.26	59.13	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	60.53	0.98	2.95	178.73	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	1.04	1.20	3.01	3.76	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	
109-99-9	Tetrahydrofuran	0.17	1.00	74.44	0.50	2.95	219.81	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	9.11	3.73	5.33	29.13	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	2.30	1.37	10.94	9.44	J
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	1.80	2.51	3.14	6.80	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	0.98	1.37	10.94	4.01	J
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	0.50	1.56	3.90	2.35	J
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	1.41	1.45	3.62	6.12	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	0.48	1.75	4.38	2.54	J
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	0.89	3.28	26.25	4.39	J
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	0.96	3.28	14.77	4.72	J
124-18-5	Decane	0.67	2.00	1.13	3.89	11.66	6.56	J
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	0.75	3.28	14.77	3.71	J

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	6.47	3.66	10.99	35.58	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	106	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 32**

File Name:	2604932B.D	**Date Sampled:**	03/18/26	**Time:**	10:11
Description:	T-304	**Date Analyzed:**	04/03/26	**Time:**	14:30
Canister:	675	**Can Dilution Factor:**	1.00		
QC_Batch:	040326-MA1	**Air Volume:**	20 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
67-56-1	Methanol	25.00	30.00	1,143.64	32.76	39.32	1,498.81	

	Surrogate Recovery	% Rec.	QC Limits LCL	QC Limits UCL	Flag
2037-26-5	Toluene-d8	104	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 32**

File Name:	2604932A.D	**Date Sampled:**	03/18/26	**Time:**	10:11
Descriptio	T-304	**Date Analyzed:**	03/31/26	**Time:**	18:14
Canister:	675	**Can Dilution Factor:**	1.00		
QC_Batch:	033126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	199.96	2.25	2.71	540.91	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049
Analytical Method: TO-15
Laboratory ID: 32

File Name: 226049
Descriptio T-304
Canister: 675
QC_Batch: 033126-MA1

Date Sampled: 03/18/26 **Time:** 10:11
Date Analyzed: 03/31/26 **Time:** 18:14
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
1-BUTANOL	2.33	5.00	33.93	9.56	20.48	138.97

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 33**

File Name:	2604933A.D	**Date Sampled:**	03/18/26	**Time:**	11:03
Description:	T-305	**Date Analyzed:**	03/31/26	**Time:**	18:52
Canister:	800	**Can Dilution Factor:**	1.00		
QC_Batch:	033126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	13.37	0.57	1.44	23.05	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
74-87-3	Chloromethane	0.50	0.83	14.77	1.03	1.72	30.54	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	11.00	1.30	3.24	42.77	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	34.49	3.15	20.20	65.12	
107-02-8	Acrolein	0.33	1.00	1.77	0.77	2.30	4.06	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	64.42	3.97	4.76	153.28	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	8.20	1.64	10.26	20.20	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	0.46	1.95	5.85	2.70	J
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	3.45	1.04	2.60	10.76	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	99.16	0.98	2.95	292.80	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	2.39	1.20	3.01	8.61	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	3.26	1.37	3.42	13.39	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	7.89	1.37	10.94	32.40	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	86.45	2.51	3.14	326.07	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	5.42	1.37	10.94	22.23	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	13.30	1.56	3.90	62.22	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	1.11	0.57	5.66	7.55	
108-90-7	Chlorobenzene	0.33	0.83	2.51	1.54	3.84	11.55	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	79.07	1.45	3.62	343.92	
1330-20-7	m,p-Xylenes	0.33	0.83	83.41	1.45	3.62	362.76	
111-84-2	Nonane	0.33	0.83	26.40	1.75	4.38	138.74	
100-42-5	Styrene	0.50	0.83	8.76	2.13	3.56	37.39	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	32.76	1.45	3.62	142.49	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	8.84	3.28	11.49	43.50	
98-82-8	Isopropylbenzene	0.67	2.33	11.23	3.28	11.49	55.27	
622-96-8	4-Ethyltoluene	0.67	5.33	7.01	3.28	26.25	34.51	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	8.90	3.28	14.77	43.82	
124-18-5	Decane	0.67	2.00	39.71	3.89	11.66	231.43	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	22.50	3.28	14.77	110.74	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	71.10	3.66	10.99	390.79	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	5.42	4.01	10.03	32.63	
104-51-8	n-Butylbenzene	0.67	2.00	2.50	3.66	10.99	13.74	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	103	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 33**

File Name:	2604933B.D	**Date Sampled:**	03/18/26	**Time:**	11:03
Description:	T-305	**Date Analyzed:**	04/03/26	**Time:**	15:06
Canister:	800	**Can Dilution Factor:**	1.00		
QC_Batch:	040326-MA1	**Air Volume:**	20 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
67-56-1	Methanol	25.00	30.00	155.78	32.76	39.32	204.16	
109-99-9	Tetrahydrofuran	2.52	15.00	188.77	7.43	44.29	557.41	
71-43-2	Benzene	17.50	25.00	335.06	55.98	79.96	1,071.73	

	Surrogate Recovery	% Rec.	QC Limits LCL	QC Limits UCL	Flag
2037-26-5	Toluene-d8	104	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 33**

File Name:	2604933A.D	**Date Sampled:**	03/18/26	**Time:**	11:03
Descriptio	T-305	**Date Analyzed:**	03/31/26	**Time:**	18:52
Canister:	800	**Can Dilution Factor:**	1.00		
QC_Batch:	033126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	209.58	2.25	2.71	566.92	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049
Analytical Method: TO-15 **Laboratory ID:** 33

File Name: 226049 **Date Sampled:** 03/18/26 **Time:** 11:03
Descriptio T-305 **Date Analyzed:** 03/31/26 **Time:** 18:52
Canister: 800 **Can Dilution Factor:** 1.00
QC_Batch: 033126-MA1 **Air Volume:** 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
1-BUTANOL	2.33	5.00	60.47	9.56	20.48	247.64
DIMETHYL DISULFIDE	2.33	5.00	69.03	9.56	20.48	282.73
BUTANOIC ACID ETHYL ESTER	2.33	5.00	112.23	9.56	20.48	459.65
3-METHYL HEPTANE	2.33	5.00	75.30	9.56	20.48	308.39
BUTANOIC ACID PROPYL ESTER	2.33	5.00	142.43	9.56	20.48	583.34
BUTANOIC ACID HEXYL ESTER	2.33	5.00	235.17	9.56	20.48	963.12
D-LIMONENE	2.33	5.00	353.10	9.56	20.48	1,446.12
UNDECANE	2.33	5.00	69.27	9.56	20.48	283.68

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 34**

File Name:	2604934A.D	**Date Sampled:**	03/18/26	**Time:**	11:00
Description:	T-306	**Date Analyzed:**	03/31/26	**Time:**	19:31
Canister:	405	**Can Dilution Factor:**	1.00		
QC_Batch:	033126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	20.15	0.57	1.44	34.72	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
74-87-3	Chloromethane	0.50	0.83	14.35	1.03	1.72	29.67	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	0.54	0.37	1.85	1.19	J
74-83-9	Bromomethane	0.33	0.83	10.13	1.30	3.24	39.39	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	26.63	3.15	20.20	50.27	
107-02-8	Acrolein	0.33	1.00	1.64	0.77	2.30	3.78	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	65.86	3.97	4.76	156.71	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	6.38	1.64	10.26	15.69	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	0.45	1.95	5.85	2.66	J
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	2.06	1.04	2.60	6.43	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	88.82	0.98	2.95	262.28	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	2.14	1.20	3.01	7.73	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	0.19	0.68	3.38	0.77	J
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	4.27	1.37	3.42	17.52	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	9.45	1.37	10.94	38.78	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	92.68	2.51	3.14	349.59	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	6.13	1.37	10.94	25.17	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	16.04	1.56	3.90	75.03	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	1.19	0.57	5.66	8.06	
108-90-7	Chlorobenzene	0.33	0.83	3.14	1.54	3.84	14.49	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	83.94	1.45	3.62	365.08	
1330-20-7	m,p-Xylenes	0.33	0.83	89.13	1.45	3.62	387.66	
111-84-2	Nonane	0.33	0.83	30.69	1.75	4.38	161.24	
100-42-5	Styrene	0.50	0.83	9.56	2.13	3.56	40.80	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	36.04	1.45	3.62	156.74	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	9.18	3.28	11.49	45.20	
98-82-8	Isopropylbenzene	0.67	2.33	9.72	3.28	11.49	47.85	
622-96-8	4-Ethyltoluene	0.67	5.33	13.94	3.28	26.25	68.62	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	9.91	3.28	14.77	48.76	
124-18-5	Decane	0.67	2.00	43.24	3.89	11.66	251.98	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	23.38	3.28	14.77	115.11	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	74.09	3.66	10.99	407.19	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	5.42	4.01	10.03	32.63	
104-51-8	n-Butylbenzene	0.67	2.00	3.15	3.66	10.99	17.33	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC LCL	Limits UCL	Flag
2037-26-5	Toluene-d8	106	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 34**

File Name:	2604934A.D	**Date Sampled:**	03/18/26	**Time:**	11:00
Descriptio	T-306	**Date Analyzed:**	03/31/26	**Time:**	19:31
Canister:	405	**Can Dilution Factor:**	1.00		
QC_Batch:	033126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	237.68	2.25	2.71	642.94	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 34

File Name: 226049
Descriptio T-306
Canister: 405
QC_Batch: 033126-MA1

Date Sampled: 03/18/26 **Time:** 11:00
Date Analyzed: 03/31/26 **Time:** 19:31
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
1-BUTANOL	2.33	5.00	122.03	9.56	20.48	499.79
DIMETHYL DISULFIDE	2.33	5.00	65.37	9.56	20.48	267.71
BUTANOIC ACID ETHYL ESTER	2.33	5.00	126.50	9.56	20.48	518.08
3-METHYL HEPTANE	2.33	5.00	105.17	9.56	20.48	430.71
BUTANOIC ACID PROPYL ESTER	2.33	5.00	74.87	9.56	20.48	306.62
BUTANOIC ACID HEXYL ESTER	2.33	5.00	168.40	9.56	20.48	689.68
D-LIMONENE	2.33	5.00	386.97	9.56	20.48	1,584.82
UNDECANE	2.33	5.00	105.17	9.56	20.48	430.71

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 35**

File Name: 2604935A.D
Description: T-307
Canister: 846
QC_Batch: 033126-MA1

Date Sampled: 03/18/26 **Time:** 11:05
Date Analyzed: 03/31/26 **Time:** 20:08
Can Dilution Factor: 1.00
Air Volume: 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	20.68	0.57	1.44	35.64	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
74-87-3	Chloromethane	0.50	0.83	10.58	1.03	1.72	21.89	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	0.54	0.37	1.85	1.20	J
74-83-9	Bromomethane	0.33	0.83	7.72	1.30	3.24	30.01	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	17.31	3.15	20.20	32.69	
107-02-8	Acrolein	0.33	1.00	1.61	0.77	2.30	3.71	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	81.98	3.97	4.76	195.07	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	9.31	1.64	10.26	22.92	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	1.23	1.04	2.60	3.83	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	1.96	1.20	3.01	7.07	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	0.33	0.68	3.38	1.35	J
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	4.53	1.37	3.42	18.58	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	9.63	1.37	10.94	39.51	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	86.47	2.51	3.14	326.14	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	4.26	1.37	10.94	17.49	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	16.55	1.56	3.90	77.42	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	0.84	0.57	5.66	5.68	
108-90-7	Chlorobenzene	0.33	0.83	3.31	1.54	3.84	15.27	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	87.69	1.45	3.62	381.42	
1330-20-7	m,p-Xylenes	0.33	0.83	83.86	1.45	3.62	364.74	
111-84-2	Nonane	0.33	0.83	26.84	1.75	4.38	141.05	
100-42-5	Styrene	0.50	0.83	6.61	2.13	3.56	28.21	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	34.11	1.45	3.62	148.34	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	9.77	3.28	11.49	48.08	
98-82-8	Isopropylbenzene	0.67	2.33	9.70	3.28	11.49	47.76	
622-96-8	4-Ethyltoluene	0.67	5.33	14.87	3.28	26.25	73.20	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	10.02	3.28	14.77	49.34	
124-18-5	Decane	0.67	2.00	42.69	3.89	11.66	248.78	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	27.86	3.28	14.77	137.17	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
99-87-6	Isopropyltoluene	0.67	2.00	75.44	3.66	10.99	414.62	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	6.84	4.01	10.03	41.21	
104-51-8	n-Butylbenzene	0.67	2.00	2.61	3.66	10.99	14.33	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	104	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 35**

File Name:	2604935B.D	**Date Sampled:**	03/18/26	**Time:**	11:05
Description:	T-307	**Date Analyzed:**	04/03/26	**Time:**	20:50
Canister:	846	**Can Dilution Factor:**	1.00		
QC_Batch:	040326-MA1	**Air Volume:**	20 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
67-56-1	Methanol	25.00	30.00	167.82	32.76	39.32	219.94	
78-93-3	2-Butanone (MEK)	5.00	15.00	119.98	14.76	44.29	354.28	
109-99-9	Tetrahydrofuran	2.52	15.00	141.89	7.43	44.29	418.97	
71-43-2	Benzene	17.50	25.00	244.67	55.98	79.96	782.60	

	Surrogate Recovery	% Rec.	QC Limits LCL	QC Limits UCL	Flag
2037-26-5	Toluene-d8	103	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 35**

File Name:	2604935A.D	**Date Sampled:**	03/18/26	**Time:**	11:05
Descriptio	T-307	**Date Analyzed:**	03/31/26	**Time:**	20:08
Canister:	846	**Can Dilution Factor:**	1.00		
QC_Batch:	033126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	236.22	2.25	2.71	639.00	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 35

File Name: 226049
Descriptio T-307
Canister: 846
QC_Batch: 033126-MA1

Date Sampled: 03/18/26 **Time:** 11:05
Date Analyzed: 03/31/26 **Time:** 20:08
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
1-BUTANOL	2.33	5.00	100.00	9.56	20.48	409.55
DIMETHYL DISULFIDE	2.33	5.00	48.90	9.56	20.48	200.27
BUTANOIC ACID ETHYL ESTER	2.33	5.00	63.87	9.56	20.48	261.57
3-METHYL HEPTANE	2.33	5.00	69.07	9.56	20.48	282.86
BUTANOIC ACID PROPYL ESTER	2.33	5.00	61.07	9.56	20.48	250.10
BUTANOIC ACID HEXYL ESTER	2.33	5.00	107.40	9.56	20.48	439.86
D-LIMONENE	2.33	5.00	236.43	9.56	20.48	968.31
UNDECANE	2.33	5.00	54.17	9.56	20.48	221.84

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 36**

File Name:	2604936A.D	**Date Sampled:**	03/18/26	**Time:**	11:10
Description:	T-308	**Date Analyzed:**	03/31/26	**Time:**	20:46
Canister:	621	**Can Dilution Factor:**	1.00		
QC_Batch:	033126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	13.80	0.57	1.44	23.78	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
74-87-3	Chloromethane	0.50	0.83	6.98	1.03	1.72	14.44	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	0.49	0.37	1.85	1.09	J
74-83-9	Bromomethane	0.33	0.83	4.73	1.30	3.24	18.39	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	13.93	3.15	20.20	26.31	
107-02-8	Acrolein	0.33	1.00	ND	0.77	2.30	ND	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	80.83	3.97	4.76	192.33	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	8.80	1.64	10.26	21.66	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	2.70	1.04	2.60	8.43	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	1.92	1.20	3.01	6.93	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	0.21	0.68	3.38	0.84	J
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	3.38	1.37	3.42	13.85	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	11.11	1.37	10.94	45.61	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	75.55	2.51	3.14	284.97	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	4.01	1.37	10.94	16.44	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	9.84	1.56	3.90	46.02	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	0.64	0.57	5.66	4.32	J
108-90-7	Chlorobenzene	0.33	0.83	1.39	1.54	3.84	6.42	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	60.78	1.45	3.62	264.34	
1330-20-7	m,p-Xylenes	0.33	0.83	56.26	1.45	3.62	244.72	
111-84-2	Nonane	0.33	0.83	12.31	1.75	4.38	64.69	
100-42-5	Styrene	0.50	0.83	3.76	2.13	3.56	16.04	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	16.14	1.45	3.62	70.22	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	3.69	3.28	11.49	18.15	
98-82-8	Isopropylbenzene	0.67	2.33	3.19	3.28	11.49	15.68	
622-96-8	4-Ethyltoluene	0.67	5.33	4.59	3.28	26.25	22.61	J
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	2.82	3.28	14.77	13.89	J
124-18-5	Decane	0.67	2.00	11.12	3.89	11.66	64.80	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	8.13	3.28	14.77	40.00	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
99-87-6	Isopropyltoluene	0.67	2.00	33.69	3.66	10.99	185.15	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	2.87	4.01	10.03	17.26	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	104	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 36**

File Name:	2604936B.D	**Date Sampled:**	03/18/26	**Time:**	11:10
Description:	T-308	**Date Analyzed:**	04/03/26	**Time:**	17:34
Canister:	621	**Can Dilution Factor:**	1.00		
QC_Batch:	040326-MA1	**Air Volume:**	20 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
67-56-1	Methanol	25.00	30.00	230.93	32.76	39.32	302.65	
78-93-3	2-Butanone (MEK)	5.00	15.00	153.49	14.76	44.29	453.23	
109-99-9	Tetrahydrofuran	2.52	15.00	144.75	7.43	44.29	427.41	
71-43-2	Benzene	17.50	25.00	297.74	55.98	79.96	952.35	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	105	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 36**

File Name: 2604936A.D **Date Sampled:** 03/18/26 **Time:** 11:10
Descriptio T-308 **Date Analyzed:** 03/31/26 **Time:** 20:46
Canister: 621 **Can Dilution Factor:** 1.00
QC_Batch: 033126-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	225.47	2.25	2.71	609.93	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 36

File Name: 226049
Descriptio T-308
Canister: 621
QC_Batch: 033126-MA1

Date Sampled: 03/18/26 **Time:** 11:10
Date Analyzed: 03/31/26 **Time:** 20:46
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
1-BUTANOL	2.33	5.00	23.13	9.56	20.48	94.74
DIMETHYL DISULFIDE	2.33	5.00	29.13	9.56	20.48	119.32
BUTANOIC ACID ETHYL ESTER	2.33	5.00	30.13	9.56	20.48	123.41
3-METHYL HEPTANE	2.33	5.00	23.43	9.56	20.48	95.97
BUTANOIC ACID PROPYL ESTER	2.33	5.00	20.47	9.56	20.48	83.82
BUTANOIC ACID HEXYL ESTER	2.33	5.00	22.67	9.56	20.48	92.83
D-LIMONENE	2.33	5.00	45.73	9.56	20.48	187.30

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 37**

File Name:	2604937A.D	**Date Sampled:**	03/18/26	**Time:**	12:12
Description:	T-309	**Date Analyzed:**	03/31/26	**Time:**	21:23
Canister:	605	**Can Dilution Factor:**	1.00		
QC_Batch:	033126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	2.70	0.57	1.44	4.65	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	29.76	2.18	2.62	39.00	
74-87-3	Chloromethane	0.50	0.83	2.46	1.03	1.72	5.09	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	2.15	3.15	20.20	4.06	J
107-02-8	Acrolein	0.33	1.00	2.35	0.77	2.30	5.41	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	19.17	3.97	4.76	45.61	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	1.99	1.64	10.26	4.89	J
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	1.13	0.98	2.95	3.34	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	0.86	0.50	2.95	2.54	J
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	3.01	3.73	5.33	9.63	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	0.52	1.37	10.94	2.14	J
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	0.81	3.28	14.77	4.01	J
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	4.21	3.66	10.99	23.17	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	126	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 37**

File Name:	2604937A.D	**Date Sampled:**	03/18/26	**Time:**	12:12
Descriptio	T-309	**Date Analyzed:**	03/31/26	**Time:**	21:23
Canister:	605	**Can Dilution Factor:**	1.00		
QC_Batch:	033126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	237.08	2.25	2.71	641.33	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 37

File Name: 226049
Descriptio T-309
Canister: 605
QC_Batch: 033126-MA1

Date Sampled: 03/18/26 **Time:** 12:12
Date Analyzed: 03/31/26 **Time:** 21:23
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 38**

File Name:	2604938A.D	**Date Sampled:**	03/18/26	**Time:**	12:19
Description:	T-310	**Date Analyzed:**	04/01/26	**Time:**	11:50
Canister:	852	**Can Dilution Factor:**	1.00		
QC_Batch:	040126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	9.56	0.57	1.44	16.47	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
74-87-3	Chloromethane	0.50	0.83	6.87	1.03	1.72	14.21	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	5.67	1.30	3.24	22.05	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	62.06	3.15	20.20	117.16	
107-02-8	Acrolein	0.33	1.00	ND	0.77	2.30	ND	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	26.37	1.64	10.26	64.91	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	1.57	1.04	2.60	4.90	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	2.72	1.20	3.01	9.80	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	5.87	1.37	3.42	24.10	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	10.21	1.37	10.94	41.88	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	5.68	1.37	10.94	23.30	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	23.94	1.56	3.90	111.95	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	0.49	0.57	5.66	3.32	J
108-90-7	Chlorobenzene	0.33	0.83	9.46	1.54	3.84	43.61	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
111-84-2	Nonane	0.33	0.83	34.81	1.75	4.38	182.93	
100-42-5	Styrene	0.50	0.83	24.09	2.13	3.56	102.79	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	69.13	1.45	3.62	300.69	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	23.64	3.28	11.49	116.38	
98-82-8	Isopropylbenzene	0.67	2.33	23.21	3.28	11.49	114.28	
622-96-8	4-Ethyltoluene	0.67	5.33	41.31	3.28	26.25	203.35	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	42.59	3.28	14.77	209.68	
124-18-5	Decane	0.67	2.00	81.16	3.89	11.66	472.99	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	78.09	3.28	14.77	384.42	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	24.73	4.01	10.03	148.86	
104-51-8	n-Butylbenzene	0.67	2.00	12.73	3.66	10.99	69.96	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	4.78	1.75	8.75	25.12	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	104	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 38**

File Name:	2604938B.D	**Date Sampled:**	03/18/26	**Time:**	12:19
Description:	T-310	**Date Analyzed:**	04/03/26	**Time:**	11:30
Canister:	852	**Can Dilution Factor:**	1.00		
QC_Batch:	040326-MA1	**Air Volume:**	20 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
67-56-1	Methanol	25.00	30.00	282.59	32.76	39.32	370.35	
67-64-1	Acetone	25.00	30.00	320.48	59.49	71.38	762.58	
78-93-3	2-Butanone (MEK)	5.00	15.00	246.83	14.76	44.29	728.84	
109-99-9	Tetrahydrofuran	2.52	15.00	337.02	7.43	44.29	995.16	
71-43-2	Benzene	17.50	25.00	535.63	55.98	79.96	1,713.26	
108-88-3	Toluene	10.00	12.50	176.66	37.72	47.15	666.36	
100-41-4	Ethylbenzene	5.00	12.50	219.42	21.75	54.37	954.37	
1330-20-7	m,p-Xylenes	5.00	12.50	234.38	21.75	54.37	1,019.40	
99-87-6	Isopropyltoluene	10.00	30.00	732.30	54.96	164.88	4,024.83	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	103	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 38**

File Name:	2604938A.D	**Date Sampled:**	03/18/26	**Time:**	12:19
Descriptio	T-310	**Date Analyzed:**	04/01/26	**Time:**	11:50
Canister:	852	**Can Dilution Factor:**	1.00		
QC_Batch:	040126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	105.91	2.25	2.71	286.49	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 38

File Name: 226049
Descriptio T-310
Canister: 852
QC_Batch: 040126-MA1

Date Sampled: 03/18/26 **Time:** 12:19
Date Analyzed: 04/01/26 **Time:** 11:50
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
1-BUTANOL	2.33	5.00	165.07	9.56	20.48	676.03
BUTANOIC ACID METHYL ESTER	2.33	5.00	164.50	9.56	20.48	673.71
DIMETHYL DISULFIDE	2.33	5.00	178.77	9.56	20.48	732.14
BUTANOIC ACID ETHYL ESTER	2.33	5.00	62.90	9.56	20.48	257.61
METHYL ETHYL DISULPHIDE	2.33	5.00	50.57	9.56	20.48	207.10
HEXANOIC ACID METHYL ESTER	2.33	5.00	64.13	9.56	20.48	262.66
ALPHA PINENE	2.33	5.00	94.97	9.56	20.48	388.94

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 38

File Name: 226049
Descriptio T-310
Canister: 852
QC_Batch: 040326-MA1

Date Sampled: 03/18/26 **Time:** 12:19
Date Analyzed: 04/03/26 **Time:** 11:30
Can Dilution Factor: 1.00
Air Volume: 20.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
D-LIMONENE	35.00	75.00	1,474.00	143.34	307.16	6,036.77
UNDECANE	35.00	75.00	449.50	143.34	307.16	1,840.93

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 39

File Name: 2604939A.D
Description: T-311
Canister: 877
QC_Batch: 040126-MA1

Date Sampled: 03/18/26 **Time:** 12:08
Date Analyzed: 04/01/26 **Time:** 12:26
Can Dilution Factor: 1.00
Air Volume: 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	3.38	0.57	1.44	5.83	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	63.90	2.18	2.62	83.74	
74-87-3	Chloromethane	0.50	0.83	1.27	1.03	1.72	2.63	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	0.84	0.88	2.20	2.21	
64-17-5	Ethanol	1.67	10.70	17.44	3.15	20.20	32.92	
107-02-8	Acrolein	0.33	1.00	2.07	0.77	2.30	4.75	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	42.67	3.97	4.76	101.53	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	2.65	1.64	10.26	6.52	J
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	23.84	1.04	2.60	74.30	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	2.51	0.98	2.95	7.42	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	3.31	0.50	2.95	9.77	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	1.77	3.73	5.33	5.65	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	0.53	1.37	10.94	2.17	J
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	0.87	3.28	14.77	4.31	J
124-18-5	Decane	0.67	2.00	1.48	3.89	11.66	8.64	J
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	2.60	3.28	14.77	12.79	J
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	13.29	3.66	10.99	73.02	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	3.40	4.01	10.03	20.49	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	2.53	1.75	8.75	13.31	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	105	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 39**

File Name:	2604939A.D	**Date Sampled:**	03/18/26	**Time:**	12:08
Descriptio	T-311	**Date Analyzed:**	04/01/26	**Time:**	12:26
Canister:	877	**Can Dilution Factor:**	1.00		
QC_Batch:	040126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	166.25	2.25	2.71	449.71	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 39

File Name: 226049
Descriptio T-311
Canister: 877
QC_Batch: 040126-MA1

Date Sampled: 03/18/26 **Time:** 12:08
Date Analyzed: 04/01/26 **Time:** 12:26
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
LIMONENE	2.33	5.00	21.60	13.02	27.90	120.51
UNDECANE	2.33	5.00	15.47	14.94	32.01	99.01

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 40**

File Name:	2604940A.D	**Date Sampled:**	03/18/26	**Time:**	12:20
Description:	T-312	**Date Analyzed:**	04/01/26	**Time:**	13:06
Canister:	634	**Can Dilution Factor:**	1.00		
QC_Batch:	040126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	8.20	0.57	1.44	14.13	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	65.71	2.18	2.62	86.12	
74-87-3	Chloromethane	0.50	0.83	1.83	1.03	1.72	3.79	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	2.36	1.30	3.24	9.18	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	13.84	3.15	20.20	26.12	
107-02-8	Acrolein	0.33	1.00	ND	0.77	2.30	ND	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	6.32	1.64	10.26	15.55	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	0.80	1.04	2.60	2.48	J
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	64.71	0.98	2.95	191.08	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	
109-99-9	Tetrahydrofuran	0.17	1.00	88.77	0.50	2.95	262.11	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	3.19	1.37	3.42	13.08	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	5.87	1.37	10.94	24.08	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	58.35	2.51	3.14	220.09	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	4.68	1.37	10.94	19.21	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	14.50	1.56	3.90	67.82	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	0.33	0.57	5.66	2.27	J
108-90-7	Chlorobenzene	0.33	0.83	1.13	1.54	3.84	5.22	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	51.82	1.45	3.62	225.37	
1330-20-7	m,p-Xylenes	0.33	0.83	57.39	1.45	3.62	249.60	
111-84-2	Nonane	0.33	0.83	18.08	1.75	4.38	95.00	
100-42-5	Styrene	0.50	0.83	4.49	2.13	3.56	19.15	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	27.69	1.45	3.62	120.42	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	7.38	3.28	11.49	36.35	
98-82-8	Isopropylbenzene	0.67	2.33	9.85	3.28	11.49	48.50	
622-96-8	4-Ethyltoluene	0.67	5.33	15.11	3.28	26.25	74.40	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	16.36	3.28	14.77	80.54	
124-18-5	Decane	0.67	2.00	44.72	3.89	11.66	260.62	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	37.10	3.28	14.77	182.63	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	83.79	3.66	10.99	460.50	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	16.56	4.01	10.03	99.73	
104-51-8	n-Butylbenzene	0.67	2.00	5.49	3.66	10.99	30.16	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	20.94	1.75	8.75	109.97	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	108	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 40**

File Name:	2604940B.D	**Date Sampled:**	03/18/26	**Time:**	12:20
Description:	T-312	**Date Analyzed:**	04/03/26	**Time:**	18:52
Canister:	634	**Can Dilution Factor:**	1.00		
QC_Batch:	040326-MA1	**Air Volume:**	20 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
67-64-1	Acetone	25.00	30.00	95.17	59.49	71.38	226.45	
71-43-2	Benzene	17.50	25.00	223.11	55.98	79.96	713.63	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	105	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 40**

File Name:	2604940A.D	**Date Sampled:**	03/18/26	**Time:**	12:20
Descriptio	T-312	**Date Analyzed:**	04/01/26	**Time:**	13:06
Canister:	634	**Can Dilution Factor:**	1.00		
QC_Batch:	040126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	158.07	2.25	2.71	427.58	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 40

File Name: 226049
Descriptio T-312
Canister: 634
QC_Batch: 040126-MA1

Date Sampled: 03/18/26 **Time:** 12:20
Date Analyzed: 04/01/26 **Time:** 13:06
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
1-BUTANOL	2.33	5.00	33.03	9.56	20.48	135.29
DIMETHYL DISULFIDE	2.33	5.00	21.87	9.56	20.48	89.55
BUTANOIC ACID ETHYL ESTER	2.33	5.00	7.73	9.56	20.48	31.67
3-METHYL HEPTANE	2.33	5.00	10.87	9.56	20.48	44.50
BUTANOIC ACID PROPYL ESTER	2.33	5.00	13.90	9.56	20.48	56.93
BUTANOIC ACID HEXYL ESTER	2.33	5.00	45.70	9.56	20.48	187.16
D-LIMONENE	2.33	5.00	149.47	9.56	20.48	612.14
UNDECANE	2.33	5.00	102.53	9.56	20.48	419.93

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 41**

File Name:	2604941A.D	**Date Sampled:**	03/18/26	**Time:**	12:23
Description:	T-313	**Date Analyzed:**	04/01/26	**Time:**	13:44
Canister:	775	**Can Dilution Factor:**	1.00		
QC_Batch:	040126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	8.97	0.57	1.44	15.45	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	76.42	2.18	2.62	100.15	
74-87-3	Chloromethane	0.50	0.83	4.43	1.03	1.72	9.17	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	3.03	1.30	3.24	11.79	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	17.70	3.15	20.20	33.42	
107-02-8	Acrolein	0.33	1.00	ND	0.77	2.30	ND	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	6.16	1.64	10.26	15.17	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	0.79	1.04	2.60	2.46	J
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	64.52	0.98	2.95	190.51	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	
109-99-9	Tetrahydrofuran	0.17	1.00	91.68	0.50	2.95	270.71	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	3.00	1.37	3.42	12.31	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	3.93	1.37	10.94	16.12	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	53.45	2.51	3.14	201.61	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	2.52	1.37	10.94	10.33	J
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	8.56	1.56	3.90	40.05	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	0.23	0.57	5.66	1.54	J
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	36.93	1.45	3.62	160.62	
1330-20-7	m,p-Xylenes	0.33	0.83	34.05	1.45	3.62	148.11	
111-84-2	Nonane	0.33	0.83	5.30	1.75	4.38	27.83	
100-42-5	Styrene	0.50	0.83	0.84	2.13	3.56	3.57	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	13.96	1.45	3.62	60.70	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	2.53	3.28	11.49	12.44	
98-82-8	Isopropylbenzene	0.67	2.33	4.35	3.28	11.49	21.40	
622-96-8	4-Ethyltoluene	0.67	5.33	11.67	3.28	26.25	57.43	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	4.24	3.28	14.77	20.85	
124-18-5	Decane	0.67	2.00	5.36	3.89	11.66	31.24	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	6.45	3.28	14.77	31.74	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	39.75	3.66	10.99	218.45	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	3.88	4.01	10.03	23.36	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	33.78	1.75	8.75	177.35	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	104	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 41**

File Name:	2604941B.D	**Date Sampled:**	03/18/26	**Time:**	12:23
Description:	T-313	**Date Analyzed:**	04/03/26	**Time:**	19:32
Canister:	775	**Can Dilution Factor:**	1.00		
QC_Batch:	040326-MA1	**Air Volume:**	20 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
67-64-1	Acetone	25.00	30.00	126.80	59.49	71.38	301.73	
71-43-2	Benzene	17.50	25.00	278.03	55.98	79.96	889.30	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	104	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 41**

File Name:	2604941A.D	**Date Sampled:**	03/18/26	**Time:**	12:23
Descriptio	T-313	**Date Analyzed:**	04/01/26	**Time:**	13:44
Canister:	775	**Can Dilution Factor:**	1.00		
QC_Batch:	040126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	182.94	2.25	2.71	494.86	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 41

File Name: 226049
Descriptio T-313
Canister: 775
QC_Batch: 040126-MA1

Date Sampled: 03/18/26 **Time:** 12:23
Date Analyzed: 04/01/26 **Time:** 13:44
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
3-METHYL CYCLOPENTENE	2.33	5.00	10.97	9.56	20.48	44.91
DIMETHYL DISULFIDE	2.33	5.00	13.63	9.56	20.48	55.84
BUTANOIC ACID ETHYL ESTER	2.33	5.00	20.13	9.56	20.48	82.46
ALPHA PININE	2.33	5.00	7.27	9.56	20.48	29.76
BUTANOIC ACID HEXYL ESTER	2.33	5.00	45.70	9.56	20.48	187.16
D-LIMONENE	2.33	5.00	52.40	9.56	20.48	214.60
UNDECANE	2.33	5.00	7.60	9.56	20.48	31.13

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 42**

File Name: 2604942A.D **Date Sampled:** 03/18/26 **Time:** 12:50
Description: T-314 **Date Analyzed:** 03/26/26 **Time:** 20:10
Canister: 652 **Can Dilution Factor:** 1.00
QC_Batch: 032626-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	ND	0.57	1.44	ND	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	ND	2.18	2.62	ND	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	ND	3.15	20.20	ND	
107-02-8	Acrolein	0.33	1.00	ND	0.77	2.30	ND	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	ND	3.97	4.76	ND	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	ND	0.98	2.95	ND	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	ND	3.73	5.33	ND	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	ND	3.66	10.99	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	111	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID:** 42

File Name:	2604942A.D	**Date Sampled:**	03/18/26	**Time:**	12:50
Descriptio	T-314	**Date Analyzed:**	03/26/26	**Time:**	20:10
Canister:	652	**Can Dilution Factor:**	1.00		
QC_Batch:	032626-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	213.43	2.25	2.71	577.36	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 42

File Name: 226049
Descriptio T-314
Canister: 652
QC_Batch: 032626-MA1

Date Sampled: 03/18/26 **Time:** 12:50
Date Analyzed: 03/26/26 **Time:** 20:10
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 43**

File Name: 2604943A.D
Description: T-401
Canister: 668
QC_Batch: 040126-MA1

Date Sampled: 03/19/26 **Time:** 09:39
Date Analyzed: 04/01/26 **Time:** 14:21
Can Dilution Factor: 1.00
Air Volume: 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	1.13	0.57	1.44	1.95	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	94.77	2.18	2.62	124.20	
74-87-3	Chloromethane	0.50	0.83	12.60	1.03	1.72	26.06	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	12.12	3.15	20.20	22.89	
107-02-8	Acrolein	0.33	1.00	2.29	0.77	2.30	5.27	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	28.92	3.97	4.76	68.81	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	0.64	0.98	2.95	1.90	J
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	1.51	3.73	5.33	4.83	J
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	1.31	3.66	10.99	7.19	J
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	106	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 43**

File Name:	2604943A.D	**Date Sampled:**	03/19/26	**Time:**	09:39
Descriptio	T-401	**Date Analyzed:**	04/01/26	**Time:**	14:21
Canister:	668	**Can Dilution Factor:**	1.00		
QC_Batch:	040126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	175.21	2.25	2.71	473.95	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 43

File Name: 226049
Descriptio T-401
Canister: 668
QC_Batch: 040126-MA1

Date Sampled: 03/19/26 **Time:** 09:39
Date Analyzed: 04/01/26 **Time:** 14:21
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 44**

File Name: 2604944A.D **Date Sampled:** 03/19/26 **Time:** 09:36
Description: T-402 **Date Analyzed:** 04/01/26 **Time:** 14:56
Canister: 734 **Can Dilution Factor:** 1.00
QC_Batch: 040126-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	1.46	0.57	1.44	2.52	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	9.03	2.18	2.62	11.83	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	ND	3.15	20.20	ND	
107-02-8	Acrolein	0.33	1.00	ND	0.77	2.30	ND	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	23.43	3.97	4.76	55.76	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	11.27	1.04	2.60	35.13	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	0.72	0.98	2.95	2.13	J
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	0.26	0.82	4.08	1.27	J
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	3.00	0.57	2.87	10.34	
71-43-2	Benzene	1.17	1.67	1.35	3.73	5.33	4.30	J
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	0.43	0.78	3.90	2.00	J
142-82-5	n-Heptane	0.33	0.83	0.73	1.37	3.42	3.00	J
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	0.31	0.57	5.66	2.09	J
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	1.79	3.66	10.99	9.83	J
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	100	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 44**

File Name:	2604944A.D	**Date Sampled:**	03/19/26	**Time:**	09:36
Descriptio	T-402	**Date Analyzed:**	04/01/26	**Time:**	14:56
Canister:	734	**Can Dilution Factor:**	1.00		
QC_Batch:	040126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	108.51	2.25	2.71	293.53	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 44

File Name: 226049
Descriptio T-402
Canister: 734
QC_Batch: 040126-MA1

Date Sampled: 03/19/26 **Time:** 09:36
Date Analyzed: 04/01/26 **Time:** 14:56
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
UNKOWN	2.33	5.00	24.13	9.56	20.48	98.84

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 45**

File Name: 2604945A.D **Date Sampled:** 03/19/26 **Time:** 09:30
Description: T-403 **Date Analyzed:** 04/01/26 **Time:** 15:31
Canister: 679 **Can Dilution Factor:** 1.00
QC_Batch: 040126-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	1.85	0.57	1.44	3.19	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	99.22	2.18	2.62	130.03	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	6.04	3.15	20.20	11.41	J
107-02-8	Acrolein	0.33	1.00	1.55	0.77	2.30	3.55	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	22.70	3.97	4.76	54.00	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	0.42	1.04	2.60	1.30	J
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	1.74	0.98	2.95	5.13	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	0.43	0.57	2.87	1.49	J
71-43-2	Benzene	1.17	1.67	1.44	3.73	5.33	4.60	J
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	0.77	1.75	4.38	4.06	J
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	44.41	3.89	11.66	258.82	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	27.27	3.66	10.99	149.88	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	102	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 45**

File Name:	2604945A.D	**Date Sampled:**	03/19/26	**Time:**	09:30
Descriptio	T-403	**Date Analyzed:**	04/01/26	**Time:**	15:31
Canister:	679	**Can Dilution Factor:**	1.00		
QC_Batch:	040126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	69.76	2.25	2.71	188.70	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049
Analytical Method: TO-15 **Laboratory ID:** 45

File Name: 226049 **Date Sampled:** 03/19/26 **Time:** 09:30
Descriptio T-403 **Date Analyzed:** 04/01/26 **Time:** 15:31
Canister: 679 **Can Dilution Factor:** 1.00
QC_Batch: 040126-MA1 **Air Volume:** 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
OCTAMETHYLCYCLOTETRASILOXANE	2.33	5.00	64.13	9.56	20.48	262.66
4-METHYLDECANE	2.33	5.00	45.57	9.56	20.48	186.62
LIMONENE	2.33	5.00	240.57	9.56	20.48	985.24
UNDECANE	2.33	5.00	25.17	9.56	20.48	103.07

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 46**

File Name:	2604946A.D	**Date Sampled:**	03/19/26	**Time:**	09:27
Description:	T-404	**Date Analyzed:**	04/01/26	**Time:**	16:07
Canister:	675	**Can Dilution Factor:**	1.00		
QC_Batch:	040126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	95.09	0.57	1.44	163.88	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	30.79	2.18	2.62	40.35	
74-87-3	Chloromethane	0.50	0.83	6.80	1.03	1.72	14.07	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	17.32	0.88	2.20	45.75	
64-17-5	Ethanol	1.67	10.70	2.93	3.15	20.20	5.53	J
107-02-8	Acrolein	0.33	1.00	ND	0.77	2.30	ND	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	72.80	3.97	4.76	173.23	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	1.16	1.64	10.26	2.85	J
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	4.60	0.58	2.90	16.00	
75-15-0	Carbon disulfide	0.33	0.83	1.34	1.04	2.60	4.19	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	2.14	0.67	3.38	8.68	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	48.31	0.98	2.95	142.66	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	12.54	1.18	2.94	44.27	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	32.05	0.50	2.95	94.65	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	0.62	0.68	3.38	2.51	J
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	39.57	0.57	2.87	136.46	
71-43-2	Benzene	1.17	1.67	4.67	3.73	5.33	14.93	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	17.72	0.78	3.90	82.88	
142-82-5	n-Heptane	0.33	0.83	24.07	1.37	3.42	98.76	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	2.06	1.20	6.01	7.45	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	1.30	1.37	10.94	5.34	J
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	7.83	2.51	3.14	29.54	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	1.46	1.37	10.94	5.98	J
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	9.35	1.56	3.90	43.72	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	1.42	1.45	3.62	6.17	
111-84-2	Nonane	0.33	0.83	0.85	1.75	4.38	4.49	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	1.58	3.89	11.66	9.20	J
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	3.23	3.66	10.99	17.74	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	95	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 46**

File Name:	2604946A.D	**Date Sampled:**	03/19/26	**Time:**	09:27
Descriptio	T-404	**Date Analyzed:**	04/01/26	**Time:**	16:07
Canister:	675	**Can Dilution Factor:**	1.00		
QC_Batch:	040126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	180.52	2.25	2.71	488.33	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 46

File Name: 226049
Descriptio T-404
Canister: 675
QC_Batch: 040126-MA1

Date Sampled: 03/19/26 **Time:** 09:27
Date Analyzed: 04/01/26 **Time:** 16:07
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
2-METHLBUTANE	2.33	5.00	97.10	9.56	20.48	397.67
CYCLOPENTANE	2.33	5.00	86.23	9.56	20.48	353.17
2,2,4,6,6-PENTAMETHYLHEPTANE	2.33	5.00	103.90	9.56	20.48	425.52
D-LIMONENE	2.33	5.00	75.43	9.56	20.48	308.94

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 47**

File Name:	2604947A.D	**Date Sampled:**	03/19/26	**Time:**	10:36
Description:	T-405	**Date Analyzed:**	04/01/26	**Time:**	16:42
Canister:	638	**Can Dilution Factor:**	1.00		
QC_Batch:	040126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	0.35	0.57	1.44	0.61	J
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	5.25	2.18	2.62	6.88	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	2.97	3.15	20.20	5.62	J
107-02-8	Acrolein	0.33	1.00	0.60	0.77	2.30	1.37	J
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	3.16	3.97	4.76	7.52	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	1.02	0.98	2.95	3.01	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	ND	3.73	5.33	ND	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	ND	3.66	10.99	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	101	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 47**

File Name: 2604947A.D **Date Sampled:** 03/19/26 **Time:** 10:36
Descriptio T-405 **Date Analyzed:** 04/01/26 **Time:** 16:42
Canister: 638 **Can Dilution Factor:** 1.00
QC_Batch: 040126-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	216.65	2.25	2.71	586.05	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049
Analytical Method: TO-15 **Laboratory ID:** 47

File Name: 226049 **Date Sampled:** 03/19/26 **Time:** 10:36
Descriptio T-405 **Date Analyzed:** 04/01/26 **Time:** 16:42
Canister: 638 **Can Dilution Factor:** 1.00
QC_Batch: 040126-MA1 **Air Volume:** 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 48**

File Name: 2604948A.D **Date Sampled:** 03/19/26 **Time:** 10:38
Description: T-406 **Date Analyzed:** 04/01/26 **Time:** 17:17
Canister: 779 **Can Dilution Factor:** 1.00
QC_Batch: 040126-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	1.19	0.57	1.44	2.05	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	327.48	2.18	2.62	429.18	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	7.90	3.15	20.20	14.92	J
107-02-8	Acrolein	0.33	1.00	1.93	0.77	2.30	4.44	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	24.39	3.97	4.76	58.04	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	2.87	0.98	2.95	8.46	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	ND	3.73	5.33	ND	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	0.80	3.66	10.99	4.40	J
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	99	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 48**

File Name:	2604948A.D	**Date Sampled:**	03/19/26	**Time:**	10:38
Descriptio	T-406	**Date Analyzed:**	04/01/26	**Time:**	17:17
Canister:	779	**Can Dilution Factor:**	1.00		
QC_Batch:	040126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	127.84	2.25	2.71	345.82	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 48

File Name: 226049
Descriptio T-406
Canister: 779
QC_Batch: 040126-MA1

Date Sampled: 03/19/26 **Time:** 10:38
Date Analyzed: 04/01/26 **Time:** 17:17
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 49**

File Name: 2604949A.D **Date Sampled:** 03/19/26 **Time:** 10:43
Description: T-407 **Date Analyzed:** 04/01/26 **Time:** 17:53
Canister: 663 **Can Dilution Factor:** 1.00
QC_Batch: 040126-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	0.63	0.57	1.44	1.08	J
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	73.40	2.18	2.62	96.20	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	3.40	3.15	20.20	6.42	J
107-02-8	Acrolein	0.33	1.00	1.76	0.77	2.30	4.05	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	20.57	3.97	4.76	48.94	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	1.86	0.98	2.95	5.49	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	1.30	3.73	5.33	4.15	J
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	ND	3.66	10.99	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	103	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 49**

File Name: 2604949A.D **Date Sampled:** 03/19/26 **Time:** 10:43
Descriptio T-407 **Date Analyzed:** 04/01/26 **Time:** 17:53
Canister: 663 **Can Dilution Factor:** 1.00
QC_Batch: 040126-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	106.40	2.25	2.71	287.83	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 49

File Name: 226049
Descriptio T-407
Canister: 663
QC_Batch: 040126-MA1

Date Sampled: 03/19/26 **Time:** 10:43
Date Analyzed: 04/01/26 **Time:** 17:53
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 50**

File Name: 2604950A.D **Date Sampled:** 03/19/26 **Time:** 10:42
Description: T-408 **Date Analyzed:** 04/01/26 **Time:** 18:32
Canister: 644 **Can Dilution Factor:** 1.00
QC_Batch: 040126-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	ND	0.57	1.44	ND	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	34.35	2.18	2.62	45.01	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	ND	3.15	20.20	ND	
107-02-8	Acrolein	0.33	1.00	1.10	0.77	2.30	2.52	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	6.52	3.97	4.76	15.51	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	ND	0.98	2.95	ND	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	1.37	3.73	5.33	4.38	J
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	ND	3.66	10.99	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC LCL	Limits UCL	Flag
2037-26-5	Toluene-d8	103	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 50**

File Name:	2604950A.D	**Date Sampled:**	03/19/26	**Time:**	10:42
Descriptio	T-408	**Date Analyzed:**	04/01/26	**Time:**	18:32
Canister:	644	**Can Dilution Factor:**	1.00		
QC_Batch:	040126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	139.59	2.25	2.71	377.61	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 50

File Name: 226049
Descriptio T-408
Canister: 644
QC_Batch: 040126-MA1

Date Sampled: 03/19/26 **Time:** 10:42
Date Analyzed: 04/01/26 **Time:** 18:32
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 51**

File Name: 2604951A.D **Date Sampled:** 03/19/26 **Time:** 12:13
Description: T-409 **Date Analyzed:** 04/01/26 **Time:** 19:08
Canister: 812 **Can Dilution Factor:** 1.00
QC_Batch: 040126-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	0.42	0.57	1.44	0.73	J
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	15.87	2.18	2.62	20.79	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	ND	3.15	20.20	ND	
107-02-8	Acrolein	0.33	1.00	6.22	0.77	2.30	14.30	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	23.07	3.97	4.76	54.90	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	2.24	0.98	2.95	6.63	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	ND	3.73	5.33	ND	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	ND	3.66	10.99	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	102	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 51**

File Name:	2604951A.D	**Date Sampled:**	03/19/26	**Time:**	12:13
Descriptio	T-409	**Date Analyzed:**	04/01/26	**Time:**	19:08
Canister:	812	**Can Dilution Factor:**	1.00		
QC_Batch:	040126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	144.49	2.25	2.71	390.85	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 51

File Name: 226049
Descriptio T-409
Canister: 812
QC_Batch: 040126-MA1

Date Sampled: 03/19/26 **Time:** 12:13
Date Analyzed: 04/01/26 **Time:** 19:08
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
UNKNOWN	2.33	5.00	18.20	9.56	20.48	74.54

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 52**

File Name: 2604952A.D **Date Sampled:** 03/19/26 **Time:** 12:10
Description: T-410 **Date Analyzed:** 04/01/26 **Time:** 19:51
Canister: 783 **Can Dilution Factor:** 1.00
QC_Batch: 040126-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	ND	0.57	1.44	ND	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	16.08	2.18	2.62	21.08	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	ND	3.15	20.20	ND	
107-02-8	Acrolein	0.33	1.00	0.88	0.77	2.30	2.03	J
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	11.44	3.97	4.76	27.23	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	4.01	0.98	2.95	11.83	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	1.04	0.50	2.95	3.08	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	1.26	3.73	5.33	4.04	J
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	1.15	3.66	10.99	6.34	J
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	96	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 52**

File Name: 2604952A.D **Date Sampled:** 03/19/26 **Time:** 12:10
Descriptio T-410 **Date Analyzed:** 04/01/26 **Time:** 19:51
Canister: 783 **Can Dilution Factor:** 1.00
QC_Batch: 040126-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	198.97	2.25	2.71	538.24	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 52

File Name: 226049
Descriptio T-410
Canister: 783
QC_Batch: 040126-MA1

Date Sampled: 03/19/26 **Time:** 12:10
Date Analyzed: 04/01/26 **Time:** 19:51
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 53**

File Name:	2604953A.D	**Date Sampled:**	03/19/26	**Time:**	12:04
Description:	T-411	**Date Analyzed:**	04/01/26	**Time:**	20:51
Canister:	803	**Can Dilution Factor:**	1.00		
QC_Batch:	040126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	0.37	0.57	1.44	0.63	J
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	27.82	2.18	2.62	36.46	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	1.73	3.15	20.20	3.26	J
107-02-8	Acrolein	0.33	1.00	3.31	0.77	2.30	7.60	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	23.67	3.97	4.76	56.33	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	3.23	0.98	2.95	9.55	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	2.31	3.73	5.33	7.38	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	0.39	1.37	10.94	1.58	J
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	0.40	1.37	10.94	1.64	J
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	ND	3.66	10.99	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	118	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID:** 53

File Name:	2604953A.D	**Date Sampled:**	03/19/26	**Time:**	12:04
Descriptio	T-411	**Date Analyzed:**	04/01/26	**Time:**	20:51
Canister:	803	**Can Dilution Factor:**	1.00		
QC_Batch:	040126-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	172.97	2.25	2.71	467.88	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049
Analytical Method: TO-15
Laboratory ID: 53

File Name: 226049
Descriptio T-411
Canister: 803
QC_Batch: 040126-MA1

Date Sampled: 03/19/26 **Time:** 12:04
Date Analyzed: 04/01/26 **Time:** 20:51
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 54**

File Name: 2604954B.D **Date Sampled:** 03/19/26 **Time:** 12:11
Description: T-412 **Date Analyzed:** 04/02/26 **Time:** 13:42
Canister: 704 **Can Dilution Factor:** 1.00
QC_Batch: 040226-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	1.70	0.57	1.44	2.94	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	29.59	2.18	2.62	38.78	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	2.56	3.15	20.20	4.83	J
107-02-8	Acrolein	0.33	1.00	5.42	0.77	2.30	12.45	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	19.39	3.97	4.76	46.13	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	3.03	0.98	2.95	8.94	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	0.69	0.50	2.95	2.04	J
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	19.44	3.73	5.33	62.18	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	ND	3.66	10.99	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.03	1.67	9.39	0.18	8.75	49.31	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	102	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID:** 54

File Name: 2604954B.D **Date Sampled:** 03/19/26 **Time:** 12:11
Descriptio T-412 **Date Analyzed:** 04/02/26 **Time:** 13:42
Canister: 704 **Can Dilution Factor:** 1.00
QC_Batch: 040226-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	185.47	2.25	2.71	501.70	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049
Analytical Method: TO-15 **Laboratory ID:** 54

File Name: 226049 **Date Sampled:** 03/19/26 **Time:** 12:11
Descriptio T-412 **Date Analyzed:** 04/02/26 **Time:** 13:42
Canister: 704 **Can Dilution Factor:** 1.00
QC_Batch: 040226-MA1 **Air Volume:** 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 55**

File Name:	2604955A.D	**Date Sampled:**	03/19/26	**Time:**	12:17
Description:	T-413	**Date Analyzed:**	04/02/26	**Time:**	14:30
Canister:	753	**Can Dilution Factor:**	1.00		
QC_Batch:	040226-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	1.26	0.57	1.44	2.18	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	19.17	2.18	2.62	25.12	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	0.29	0.37	1.85	0.63	J
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	ND	3.15	20.20	ND	
107-02-8	Acrolein	0.33	1.00	6.78	0.77	2.30	15.59	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	21.41	3.97	4.76	50.94	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	3.58	0.98	2.95	10.57	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	27.75	3.73	5.33	88.75	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	0.93	3.66	10.99	5.10	J
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	18.47	1.75	8.75	96.99	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	108	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID:** 55

File Name:	2604955A.D	**Date Sampled:**	03/19/26	**Time:**	12:17
Descriptio	T-413	**Date Analyzed:**	04/02/26	**Time:**	14:30
Canister:	753	**Can Dilution Factor:**	1.00		
QC_Batch:	040226-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	136.04	2.25	2.71	368.01	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 55

File Name: 226049
Descriptio T-413
Canister: 753
QC_Batch: 040226-MA1

Date Sampled: 03/19/26 **Time:** 12:17
Date Analyzed: 04/02/26 **Time:** 14:30
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 56**

File Name: 2604956A.D **Date Sampled:** 03/19/26 **Time:** 12:40
Description: T-414 **Date Analyzed:** 03/26/26 **Time:** 19:25
Canister: 610 **Can Dilution Factor:** 1.00
QC_Batch: 032626-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	ND	0.57	1.44	ND	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	ND	2.18	2.62	ND	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	ND	3.15	20.20	ND	
107-02-8	Acrolein	0.33	1.00	ND	0.77	2.30	ND	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	ND	3.97	4.76	ND	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	ND	0.98	2.95	ND	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	ND	3.73	5.33	ND	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	ND	3.66	10.99	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	123	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID:** 56

File Name: 2604956A.D
Descriptio T-414
Canister: 610
QC_Batch: 032626-MA1

Date Sampled: 03/19/26 **Time:** 12:40
Date Analyzed: 03/26/26 **Time:** 19:25
Can Dilution Factor: 1.00
Air Volume: 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	218.49	2.25	2.71	591.04	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 56

File Name: 226049
Descriptio T-414
Canister: 610
QC_Batch: 032626-MA1

Date Sampled: 03/19/26 **Time:** 12:40
Date Analyzed: 03/26/26 **Time:** 19:25
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 57**

File Name: 2604957A.D **Date Sampled:** 03/20/26 **Time:** 10:04
Description: T-501 **Date Analyzed:** 03/26/26 **Time:** 15:03
Canister: 653 **Can Dilution Factor:** 1.00
QC_Batch: 032626-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	ND	0.57	1.44	ND	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	18.24	2.18	2.62	23.90	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	ND	3.15	20.20	ND	
107-02-8	Acrolein	0.33	1.00	2.03	0.77	2.30	4.65	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	7.12	3.97	4.76	16.94	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	ND	0.98	2.95	ND	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	11.02	3.73	5.33	35.26	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	ND	3.66	10.99	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	2.26	1.75	8.75	11.88	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC LCL	Limits UCL	Flag
2037-26-5	Toluene-d8	96	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID:** 57

File Name:	2604957A.D	**Date Sampled:**	03/20/26	**Time:**	10:04
Descriptio	T-501	**Date Analyzed:**	03/26/26	**Time:**	15:03
Canister:	653	**Can Dilution Factor:**	1.00		
QC_Batch:	032626-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	105.40	2.25	2.71	285.12	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049
Analytical Method: TO-15 **Laboratory ID:** 57

File Name: 226049 **Date Sampled:** 03/20/26 **Time:** 10:04
Descriptio T-501 **Date Analyzed:** 03/26/26 **Time:** 15:03
Canister: 653 **Can Dilution Factor:** 1.00
QC_Batch: 032626-MA1 **Air Volume:** 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
NONE	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 58**

File Name: 2604958A.D **Date Sampled:** 03/20/26 **Time:** 10:09
Description: T-502 **Date Analyzed:** 03/26/26 **Time:** 16:33
Canister: 633 **Can Dilution Factor:** 1.00
QC_Batch: 032626-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	15.13	0.57	1.44	26.07	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	234.38	2.18	2.62	307.17	
74-87-3	Chloromethane	0.50	0.83	3.06	1.03	1.72	6.34	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	29.30	3.15	20.20	55.32	
107-02-8	Acrolein	0.33	1.00	6.72	0.77	2.30	15.44	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	47.72	3.97	4.76	113.54	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	2.78	1.64	10.26	6.84	J
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	3.16	0.98	2.95	9.34	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	0.36	1.18	2.94	1.26	J
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	46.04	0.82	4.08	225.16	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	0.88	0.57	2.87	3.05	
71-43-2	Benzene	1.17	1.67	15.26	3.73	5.33	48.80	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	ND	3.66	10.99	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	105	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 58**

File Name: 2604958A.D **Date Sampled:** 03/20/26 **Time:** 10:09
Descriptio T-502 **Date Analyzed:** 03/26/26 **Time:** 16:33
Canister: 633 **Can Dilution Factor:** 1.00
QC_Batch: 032626-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	176.50	2.25	2.71	477.46	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 58

File Name: 226049
Descriptio T-502
Canister: 633
QC_Batch: 032626-MA1

Date Sampled: 03/20/26 **Time:** 10:09
Date Analyzed: 03/26/26 **Time:** 16:33
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
NONE	2.33	5.00	ND	11.41	24.45	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 59**

File Name: 2604959A.D **Date Sampled:** 03/20/26 **Time:** 09:59
Description: T-503 **Date Analyzed:** 03/26/26 **Time:** 18:27
Canister: 739 **Can Dilution Factor:** 1.00
QC_Batch: 032626-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	16.42	0.57	1.44	28.29	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	149.15	2.18	2.62	195.47	
74-87-3	Chloromethane	0.50	0.83	6.70	1.03	1.72	13.85	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	0.44	1.30	3.24	1.70	J
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	6.66	3.15	20.20	12.57	J
107-02-8	Acrolein	0.33	1.00	4.50	0.77	2.30	10.35	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	37.89	3.97	4.76	90.16	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	1.62	1.64	10.26	3.99	J
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	0.46	1.04	2.60	1.43	J
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	2.45	0.98	2.95	7.25	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	0.30	0.82	4.08	1.47	J
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	1.98	0.57	2.87	6.83	
71-43-2	Benzene	1.17	1.67	11.06	3.73	5.33	35.38	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	0.46	0.78	3.90	2.16	J
142-82-5	n-Heptane	0.33	0.83	1.06	1.37	3.42	4.36	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	0.27	0.57	5.66	1.85	J
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	2.60	3.66	10.99	14.27	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	107	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 59**

File Name:	2604959A.D	**Date Sampled:**	03/20/26	**Time:**	09:59
Descriptio	T-503	**Date Analyzed:**	03/26/26	**Time:**	18:27
Canister:	739	**Can Dilution Factor:**	1.00		
QC_Batch:	032626-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	147.58	2.25	2.71	399.23	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 59

File Name: 226049
Descriptio T-503
Canister: 739
QC_Batch: 032626-MA1

Date Sampled: 03/20/26 **Time:** 09:59
Date Analyzed: 03/26/26 **Time:** 18:27
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 60**

File Name: 2604960A.D **Date Sampled:** 03/20/26 **Time:** 09:56
Description: T-504 **Date Analyzed:** 03/26/26 **Time:** 17:51
Canister: 685 **Can Dilution Factor:** 1.00
QC_Batch: 032626-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	129.51	0.57	1.44	223.20	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	87.80	2.18	2.62	115.07	
74-87-3	Chloromethane	0.50	0.83	6.27	1.03	1.72	12.96	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	0.62	1.30	3.24	2.39	J
75-00-3	Chloroethane	0.33	0.83	1.98	0.88	2.20	5.22	
64-17-5	Ethanol	1.67	10.70	4.39	3.15	20.20	8.28	J
107-02-8	Acrolein	0.33	1.00	2.86	0.77	2.30	6.58	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	25.21	3.97	4.76	59.98	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	1.46	1.64	10.26	3.59	J
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	1.28	0.98	2.95	3.79	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	3.27	1.18	2.94	11.53	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	2.67	0.50	2.95	7.89	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	0.67	0.66	3.31	2.66	J
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	26.56	0.82	4.08	129.89	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	0.28	0.68	3.38	1.12	J
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	31.43	0.57	2.87	108.38	
71-43-2	Benzene	1.17	1.67	22.01	3.73	5.33	70.40	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	3.87	0.78	3.90	18.12	
142-82-5	n-Heptane	0.33	0.83	29.65	1.37	3.42	121.68	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	22.51	2.51	3.14	84.89	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	8.55	1.56	3.90	40.00	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	0.29	0.57	5.66	2.00	J
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	20.32	1.45	3.62	88.39	
1330-20-7	m,p-Xylenes	0.33	0.83	9.68	1.45	3.62	42.12	
111-84-2	Nonane	0.33	0.83	6.80	1.75	4.38	35.75	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	6.69	1.45	3.62	29.12	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	3.04	3.28	26.25	14.97	J
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	2.04	3.28	14.77	10.07	J
124-18-5	Decane	0.67	2.00	3.16	3.89	11.66	18.41	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	2.15	3.28	14.77	10.58	J
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	54.63	3.66	10.99	300.24	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	105	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID:** 60

File Name:	2604960A.D	**Date Sampled:**	03/20/26	**Time:**	09:56
Descriptio	T-504	**Date Analyzed:**	03/26/26	**Time:**	17:51
Canister:	685	**Can Dilution Factor:**	1.00		
QC_Batch:	032626-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	191.51	2.25	2.71	518.04	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049
Analytical Method: TO-15 **Laboratory ID:** 60

File Name: 226049 **Date Sampled:** 03/20/26 **Time:** 09:56
Descriptio T-504 **Date Analyzed:** 03/26/26 **Time:** 17:51
Canister: 685 **Can Dilution Factor:** 1.00
QC_Batch: 032626-MA1 **Air Volume:** 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
UNKOWN	2.33	5.00	60.37	9.56	20.48	247.23
BUTANE	2.33	5.00	59.70	9.56	20.48	244.50
METHYL CYCLO HEXANE	2.33	5.00	38.33	9.56	20.48	156.99
UNKNOWN	2.33	5.00	66.67	9.56	20.48	273.03
ALPHA PINENE	2.33	5.00	136.07	9.56	20.48	557.26
DIMETHYL DECANE	2.33	5.00	137.33	9.56	20.48	562.45
4-CARENE	2.33	5.00	17.53	9.56	20.48	71.81

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 61**

File Name: 2604961A.D **Date Sampled:** 03/20/26 **Time:** 11:17
Description: T-505 **Date Analyzed:** 03/26/26 **Time:** 19:05
Canister: 662 **Can Dilution Factor:** 1.00
QC_Batch: 032626-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	2.19	0.57	1.44	3.77	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	215.44	2.18	2.62	282.35	
74-87-3	Chloromethane	0.50	0.83	0.99	1.03	1.72	2.04	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	0.60	1.30	3.24	2.34	J
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	5.61	3.15	20.20	10.59	J
107-02-8	Acrolein	0.33	1.00	4.89	0.77	2.30	11.25	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	36.88	3.97	4.76	87.76	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	1.57	1.64	10.26	3.85	J
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	3.18	0.98	2.95	9.38	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	0.44	1.18	2.94	1.56	J
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	9.85	3.73	5.33	31.51	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	1.32	3.66	10.99	7.25	J
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	127	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 61**

File Name: 2604961A.D **Date Sampled:** 03/20/26 **Time:** 11:17
Descriptio T-505 **Date Analyzed:** 03/26/26 **Time:** 19:05
Canister: 662 **Can Dilution Factor:** 1.00
QC_Batch: 032626-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	209.57	2.25	2.71	566.89	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 61

File Name: 226049
Descriptio T-505
Canister: 662
QC_Batch: 032626-MA1

Date Sampled: 03/20/26 **Time:** 11:17
Date Analyzed: 03/26/26 **Time:** 19:05
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 62**

File Name: 2604962A.D **Date Sampled:** 03/20/26 **Time:** 11:13
Description: T-506 **Date Analyzed:** 03/26/26 **Time:** 19:42
Canister: 635 **Can Dilution Factor:** 1.00
QC_Batch: 032626-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	1.12	0.57	1.44	1.92	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	149.22	2.18	2.62	195.56	
74-87-3	Chloromethane	0.50	0.83	1.60	1.03	1.72	3.31	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	2.61	3.15	20.20	4.93	J
107-02-8	Acrolein	0.33	1.00	7.35	0.77	2.30	16.90	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	19.83	3.97	4.76	47.19	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	0.58	1.04	2.60	1.80	J
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	1.25	0.98	2.95	3.68	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	9.36	3.73	5.33	29.95	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	ND	3.66	10.99	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	112	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 62**

File Name:	2604962A.D	**Date Sampled:**	03/20/26	**Time:**	11:13
Descriptio	T-506	**Date Analyzed:**	03/26/26	**Time:**	19:42
Canister:	635	**Can Dilution Factor:**	1.00		
QC_Batch:	032626-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	155.58	2.25	2.71	420.86	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049
Analytical Method: TO-15 **Laboratory ID:** 62

File Name: 226049 **Date Sampled:** 03/20/26 **Time:** 11:13
Descriptio T-506 **Date Analyzed:** 03/26/26 **Time:** 19:42
Canister: 635 **Can Dilution Factor:** 1.00
QC_Batch: 032626-MA1 **Air Volume:** 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 63

File Name:	2604963A.D	**Date Sampled:**	03/20/26	**Time:**	11:20
Description:	T-507	**Date Analyzed:**	03/26/26	**Time:**	20:19
Canister:	600	**Can Dilution Factor:**	1.00		
QC_Batch:	032626-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	1.36	0.57	1.44	2.35	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	52.16	2.18	2.62	68.35	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	ND	3.15	20.20	ND	
107-02-8	Acrolein	0.33	1.00	2.57	0.77	2.30	5.91	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	14.13	3.97	4.76	33.61	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	1.14	0.98	2.95	3.38	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	8.50	3.73	5.33	27.20	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	1.14	3.66	10.99	6.26	J
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	104	70	130	

TRACER

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 63**

File Name: 2604963A.D **Date Sampled:** 03/20/26 **Time:** 11:20
Descriptio T-507 **Date Analyzed:** 03/26/26 **Time:** 20:19
Canister: 600 **Can Dilution Factor:** 1.00
QC_Batch: 032626-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	211.91	2.25	2.71	573.23	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 63

File Name: 226049
Descriptio T-507
Canister: 600
QC_Batch: 032626-MA1

Date Sampled: 03/20/26 **Time:** 11:20
Date Analyzed: 03/26/26 **Time:** 20:19
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 64**

File Name: 2604964A.D **Date Sampled:** 03/20/26 **Time:** 11:10
Description: T-508 **Date Analyzed:** 03/26/26 **Time:** 20:55
Canister: 689 **Can Dilution Factor:** 1.00
QC_Batch: 032626-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	1.30	0.57	1.44	2.24	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	82.33	2.18	2.62	107.90	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	43.60	3.15	20.20	82.32	
107-02-8	Acrolein	0.33	1.00	3.57	0.77	2.30	8.21	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	16.80	3.97	4.76	39.97	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	1.11	0.98	2.95	3.26	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	7.93	3.73	5.33	25.38	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	ND	3.66	10.99	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	107	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 64**

File Name: 2604964A.D **Date Sampled:** 03/20/26 **Time:** 11:10
Descriptio T-508 **Date Analyzed:** 03/26/26 **Time:** 20:55
Canister: 689 **Can Dilution Factor:** 1.00
QC_Batch: 032626-MA1 **Air Volume:** 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	207.78	2.25	2.71	562.07	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049
Analytical Method: TO-15 **Laboratory ID:** 64

File Name: 226049 **Date Sampled:** 03/20/26 **Time:** 11:10
Descriptio T-508 **Date Analyzed:** 03/26/26 **Time:** 20:55
Canister: 689 **Can Dilution Factor:** 1.00
QC_Batch: 032626-MA1 **Air Volume:** 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 65**

File Name:	2604965A.D	**Date Sampled:**	03/20/26	**Time:**	11:11
Description:	T-509	**Date Analyzed:**	03/26/26	**Time:**	21:32
Canister:	701	**Can Dilution Factor:**	1.00		
QC_Batch:	032626-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	1.59	0.57	1.44	2.75	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	90.96	2.18	2.62	119.20	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	47.15	3.15	20.20	89.02	
107-02-8	Acrolein	0.33	1.00	5.03	0.77	2.30	11.56	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	20.08	3.97	4.76	47.78	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	0.80	1.64	10.26	1.96	J
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	0.83	1.04	2.60	2.58	J
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	1.53	0.98	2.95	4.52	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	7.85	3.73	5.33	25.10	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	ND	3.66	10.99	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	103	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15 **Laboratory ID: 65**

File Name:	2604965A.D	**Date Sampled:**	03/20/26	**Time:**	11:11
Descriptio	T-509	**Date Analyzed:**	03/26/26	**Time:**	21:32
Canister:	701	**Can Dilution Factor:**	1.00		
QC_Batch:	032626-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	209.29	2.25	2.71	566.14	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 65

File Name: 226049
Descriptio T-509
Canister: 701
QC_Batch: 032626-MA1

Date Sampled: 03/20/26 **Time:** 11:11
Date Analyzed: 03/26/26 **Time:** 21:32
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 66

File Name:	2604966A.D	**Date Sampled:**	03/20/26	**Time:**	11:45
Description:	T-510	**Date Analyzed:**	03/26/26	**Time:**	20:48
Canister:	888	**Can Dilution Factor:**	1.00		
QC_Batch:	032626-MA1	**Air Volume:**	300 ml		

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
115-07-1	Propylene	0.33	0.83	ND	0.57	1.44	ND	
75-71-8	Dichlorodifluoromethane	0.50	0.83	ND	2.48	4.13	ND	
67-56-1	Methanol	1.67	2.00	ND	2.18	2.62	ND	
74-87-3	Chloromethane	0.50	0.83	ND	1.03	1.72	ND	
76-14-2	1,2-Dichlorotetrafluoroethane	0.33	0.83	ND	2.33	5.83	ND	
75-01-4	Vinyl chloride	0.17	0.83	ND	0.43	2.13	ND	
106-99-0	1,3-Butadiene	0.17	0.83	ND	0.37	1.85	ND	
74-83-9	Bromomethane	0.33	0.83	ND	1.30	3.24	ND	
75-00-3	Chloroethane	0.33	0.83	ND	0.88	2.20	ND	
64-17-5	Ethanol	1.67	10.70	ND	3.15	20.20	ND	
107-02-8	Acrolein	0.33	1.00	ND	0.77	2.30	ND	
75-69-4	Trichlorofluoromethane	0.33	0.83	ND	1.88	4.69	ND	
67-64-1	Acetone	1.67	2.00	ND	3.97	4.76	ND	
67-63-0	2-propanol (isopropylalcohol)	0.67	4.17	ND	1.64	10.26	ND	
75-65-0	t-Butyl alcohol	0.33	3.33	ND	1.01	10.12	ND	
4227-95-6	Methyl iodide	0.33	1.00	ND	1.95	5.85	ND	
75-35-4	1,1-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
107-13-1	Acrylonitrile	0.67	1.00	ND	1.45	2.17	ND	
76-13-1	1,1,2-Trichlorotrifluoroethane	0.17	0.83	ND	1.28	6.40	ND	
107-05-1	Allyl chloride	0.17	3.33	ND	0.52	10.44	ND	
75-09-2	Methylene chloride	0.17	0.83	ND	0.58	2.90	ND	
75-15-0	Carbon disulfide	0.33	0.83	ND	1.04	2.60	ND	
156-60-5	trans-1,2-Dichloroethene	0.17	0.67	ND	0.66	2.65	ND	
1634-04-4	Methyl tert butyl ether	0.33	0.67	ND	1.20	2.41	ND	
107-12-0	Propionitrile	0.83	1.33	ND	1.88	3.01	ND	
75-34-3	1,1-Dichloroethane	0.17	0.83	ND	0.67	3.38	ND	
637-92-3	Ethyl tert butyl ether	0.33	0.83	ND	1.40	3.49	ND	
108-05-4	Vinyl acetate	0.17	3.33	ND	0.59	11.75	ND	
78-93-3	2-Butanone (MEK)	0.33	1.00	ND	0.98	2.95	ND	
108-20-3	Diisopropyl ether	0.33	2.00	ND	1.40	8.37	ND	
110-54-3	Hexane	0.33	0.83	ND	1.18	2.94	ND	
126-98-7	Methacrylonitrile	0.33	0.83	ND	0.92	2.29	ND	
141-78-6	Ethyl acetate	0.33	0.83	ND	1.20	3.01	ND	
74-97-5	Bromochloromethane	0.17	0.83	ND	0.88	4.42	ND	
96-33-3	Methyl acrylate	0.33	1.67	ND	1.18	5.88	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
109-99-9	Tetrahydrofuran	0.17	1.00	ND	0.50	2.95	ND	
78-83-1	Isobutyl alcohol	0.67	2.67	ND	2.02	8.09	ND	
156-59-2	cis-1,2-Dichloroethene	0.17	0.83	ND	0.66	3.31	ND	
594-20-7	2,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
67-66-3	Chloroform	0.17	0.83	ND	0.82	4.08	ND	
71-55-6	1,1,1-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
107-06-2	1,2-Dichloroethane	0.17	0.83	ND	0.68	3.38	ND	
563-58-6	1,1-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
110-82-7	Cyclohexane	0.17	0.83	ND	0.57	2.87	ND	
71-43-2	Benzene	1.17	1.67	ND	3.73	5.33	ND	
56-23-5	Carbon tetrachloride	0.17	0.83	ND	1.05	5.25	ND	
994-05-8	t-Amyl methyl ether	0.33	1.67	ND	1.40	6.98	ND	
540-84-1	2,2,4-Trimethylpentane	0.17	0.83	ND	0.78	3.90	ND	
142-82-5	n-Heptane	0.33	0.83	ND	1.37	3.42	ND	
78-87-5	1,2-Dichloropropane	0.17	0.83	ND	0.77	3.86	ND	
123-91-1	1,4 Dioxane	0.33	1.67	ND	1.20	6.01	ND	
74-95-3	Dibromomethane	0.17	0.83	ND	1.19	5.93	ND	
79-01-6	Trichloroethene (TCE)	0.08	0.83	ND	0.45	4.48	ND	
75-27-4	Bromodichloromethane	0.17	0.83	ND	1.12	5.59	ND	
80-62-6	Methyl methacrylate	0.33	0.83	ND	1.37	3.42	ND	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.33	2.67	ND	1.37	10.94	ND	
10061-01-5	cis-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
108-88-3	Toluene	0.67	0.83	ND	2.51	3.14	ND	
10061-02-6	trans-1,3-Dichloropropene	0.17	0.83	ND	0.76	3.79	ND	
79-00-5	1,1,2-Trichloroethane	0.17	0.83	ND	0.91	4.55	ND	
97-63-2	Ethyl methacrylate	0.33	0.83	ND	1.56	3.90	ND	
591-78-6	2-Hexanone	0.33	2.67	ND	1.37	10.94	ND	
142-28-9	1,3-Dichloropropane	0.17	2.33	ND	0.77	10.80	ND	
111-65-9	Octane	0.33	0.83	ND	1.56	3.90	ND	
124-48-1	Dibromochloromethane	0.33	0.83	ND	2.84	7.11	ND	
106-93-4	1,2-Dibromoethane (EDB)	0.33	0.83	ND	2.57	6.41	ND	
127-18-4	Tetrachloroethene (PCE)	0.08	0.83	ND	0.57	5.66	ND	
108-90-7	Chlorobenzene	0.33	0.83	ND	1.54	3.84	ND	
630-20-6	1,1,1,2-Tetrachloroethane	0.33	0.83	ND	2.29	5.73	ND	
100-41-4	Ethylbenzene	0.33	0.83	ND	1.45	3.62	ND	
1330-20-7	m,p-Xylenes	0.33	0.83	ND	1.45	3.62	ND	
111-84-2	Nonane	0.33	0.83	ND	1.75	4.38	ND	
100-42-5	Styrene	0.50	0.83	ND	2.13	3.56	ND	
75-25-2	Bromoform	0.33	0.83	ND	3.45	8.62	ND	
95-47-6	o-Xylene	0.33	0.83	ND	1.45	3.62	ND	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	1.67	ND	4.58	11.45	ND	
96-18-4	1,2,3-Trichloropropane	0.67	2.00	ND	4.02	12.07	ND	
110-57-6	t-1,4-Dichloro-2-butene	0.67	2.00	ND	3.41	10.24	ND	
103-65-1	n-Propylbenzene	0.67	2.33	ND	3.28	11.49	ND	
98-82-8	Isopropylbenzene	0.67	2.33	ND	3.28	11.49	ND	
622-96-8	4-Ethyltoluene	0.67	5.33	ND	3.28	26.25	ND	
108-67-8	1,3,5-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
124-18-5	Decane	0.67	2.00	ND	3.89	11.66	ND	
98-06-6	tert-butyl benzene	0.67	2.00	ND	3.66	10.99	ND	

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
95-63-6	1,2,4-Trimethylbenzene	0.67	3.00	ND	3.28	14.77	ND	
538-93-2	i-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
135-98-8	sec-butylbenzene	0.67	2.33	ND	3.66	12.82	ND	
541-73-1	1,3-Dichlorobenzene	0.67	2.67	ND	4.01	16.05	ND	
99-87-6	Isopropyltoluene	0.67	2.00	ND	3.66	10.99	ND	
100-44-7	Benzyl chloride	0.67	1.67	ND	3.46	8.64	ND	
106-46-7	1,4-Dichlorobenzene	0.67	1.67	ND	4.01	10.03	ND	
104-51-8	n-Butylbenzene	0.67	2.00	ND	3.66	10.99	ND	
95-50-1	1,2-Dichlorobenzene	0.67	2.33	ND	4.01	14.05	ND	
96-12-8	1,2-Dibromo-3-chloropropane	1.00	2.33	ND	9.68	22.58	ND	
120-82-1	1,2,4-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
91-20-3	Naphthalene	0.33	1.67	ND	1.75	8.75	ND	
87-61-6	1,2,3-Trichlorobenzene	1.00	1.67	ND	7.43	12.38	ND	
87-68-3	Hexachlorobutadiene	0.83	1.00	ND	8.90	10.68	ND	

	Surrogate Recovery	% Rec.	QC Limits LCL	UCL	Flag
2037-26-5	Toluene-d8	123	70	130	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

SDG: 226049

Analytical Method: TO-15

Laboratory ID: 66

File Name: 2604966A.D
Descriptio T-510
Canister: 888
QC_Batch: 032626-MA1

Date Sampled: 03/20/26 **Time:** 11:45
Date Analyzed: 03/26/26 **Time:** 20:48
Can Dilution Factor: 1.00
Air Volume: 300 ml

CAS#	Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3	Flag
75-37-6	1,1-Difluoroethane	0.83	1.00	204.35	2.25	2.71	552.78	

Tentatively Identified Compounds

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Modified Full Scan GC/MS

Analytical Method: TO-15

SDG: 226049
Laboratory ID: 66

File Name: 226049
Descriptio T-510
Canister: 888
QC_Batch: 032626-MA1

Date Sampled: 03/20/26 **Time:** 11:45
Date Analyzed: 03/26/26 **Time:** 20:48
Can Dilution Factor: 1.00
Air Volume: 300.00 ml

TIC Compound	MDL PPBV	RL PPBV	Amount PPBV	MDL UG/M3	RL UG/M3	Amount UG/M3
None	2.33	5.00	ND	9.56	20.48	ND

Tentatively Identified Compounds are Identified by a Computer Match and Semi-Quantitated against an Internal Standard
1) The identity of the compound is determined by a match to a computer library.
2) Many compounds have similar mass spectra so the actual compound can be different from the one reported
3) Hydrocarbons especially have similar mass spectra so it is difficult to determine which hydrocarbon is present
4) If there is not a good computer match, a type of compound may be indicated or it may be called "Unknown"
5) The Amount of the compound is calculated against an Internal Standard, so the reported Amounts are approximate.
6) The conversion from ppbv to ug/m3 is done assuming an average molecular weight of 100 since the identity of the compound is often not known with certainty.

ENVIRONMENTAL
Analytical Service, Inc.

Analytical Report

Project Name:

Chiquita Canyon

EAS SDG Number: **226049**

Client Project Manager: Chuck Schmidt

Prepared For:

C.E. Schmidt
19200 Live Oak Road
Red Bluff CA 96080

Project Number: 17807
Sample Event Date: 3/16,3/17,3/18,3/
Received Date: 3/20/2026
Report Date: 4/20/2026

Project Number: TO-12/14 FID
PO Number:

This is the Laboratory Report for the samples in the indicated Sample Delivery Group (SDG). Each sample received in the group is assigned a Laboratory ID number. The combination of the SDG number and the Lab ID number is an unique identifier for the sample.

This Report Contains:

Laboratory Work Order
Project Sample Media
Laboratory Case Narrative and Chain of Custody
Method Description (when applicable)
Quality Control Reports
Analytical Reports

NELAC Certification: Florida E871125

173 Cross Street, San Luis Obispo, CA 93401 (805) 781-3585

Laboratory Work Order

SDG Number: 226049
Client: Chuck Schmidt
C.E. Schmidt

Project Number: 17807
Received: 3/20/2026

SAMPLE DESCRIPTION AND ANALYSIS REQUESTED

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 101	226049 1	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 101	226049 1	ASTM D3416 Low Level Methane	3/16/2026
T - 101	226049 1	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 101	226049 1	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 101	226049 1	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 102	226049 2	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 102	226049 2	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 102	226049 2	ASTM D3416 Low Level Methane	3/16/2026
T - 102	226049 2	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 102	226049 2	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 103	226049 3	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 103	226049 3	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 103	226049 3	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 103	226049 3	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 103	226049 3	ASTM D3416 Low Level Methane	3/16/2026
T - 104	226049 4	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 104	226049 4	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 104	226049 4	ASTM D3416 Low Level Methane	3/16/2026
T - 104	226049 4	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 104	226049 4	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 105	226049 5	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 105	226049 5	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 105	226049 5	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 105	226049 5	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 105	226049 5	ASTM D3416 Low Level Methane	3/16/2026
T - 106	226049 6	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 106	226049 6	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 106	226049 6	ASTM D3416 Low Level Methane	3/16/2026
T - 106	226049 6	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 106	226049 6	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 107	226049 7	ASTM D3416 Low Level Methane	3/16/2026
T - 107	226049 7	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 107	226049 7	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 107	226049 7	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 107	226049 7	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 108	226049 8	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 108	226049 8	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 108	226049 8	ASTM D3416 Low Level Methane	3/16/2026
T - 108	226049 8	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 108	226049 8	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 109	226049 9	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 109	226049 9	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 109	226049 9	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 109	226049 9	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 109	226049 9	ASTM D3416 Low Level Methane	3/16/2026
T - 110	226049 10	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 110	226049 10	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 110	226049 10	ASTM D3416 Low Level Methane	3/16/2026
T - 110	226049 10	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 110	226049 10	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 111	226049 11	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 111	226049 11	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 111	226049 11	ASTM D3416 Low Level Methane	3/16/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 111	226049 11	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 111	226049 11	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 112	226049 12	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 112	226049 12	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 112	226049 12	ASTM D3416 Low Level Methane	3/16/2026
T - 112	226049 12	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 112	226049 12	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 113	226049 13	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 113	226049 13	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 113	226049 13	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 113	226049 13	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 113	226049 13	ASTM D3416 Low Level Methane	3/16/2026
T - 114	226049 14	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 114	226049 14	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 114	226049 14	ASTM D3416 Low Level Methane	3/16/2026
T - 114	226049 14	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 114	226049 14	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 201	226049 15	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 201	226049 15	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 201	226049 15	ASTM D3416 Low Level Methane	3/17/2026
T - 201	226049 15	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 201	226049 15	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 202	226049 16	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 202	226049 16	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 202	226049 16	ASTM D3416 Low Level Methane	3/17/2026
T - 202	226049 16	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 202	226049 16	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 203	226049 17	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 203	226049 17	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 203	226049 17	ASTM D1945 Hydrogen Confirmation	3/17/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 203	226049 17	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 203	226049 17	ASTM D3416 Low Level Methane	3/17/2026
T - 204	226049 18	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 204	226049 18	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 204	226049 18	ASTM D3416 Low Level Methane	3/17/2026
T - 204	226049 18	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 204	226049 18	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 205	226049 19	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 205	226049 19	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 205	226049 19	ASTM D3416 Low Level Methane	3/17/2026
T - 205	226049 19	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 205	226049 19	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 206	226049 20	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 206	226049 20	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 206	226049 20	ASTM D3416 Low Level Methane	3/17/2026
T - 206	226049 20	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 206	226049 20	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 207	226049 21	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 207	226049 21	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 207	226049 21	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 207	226049 21	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 207	226049 21	ASTM D3416 Low Level Methane	3/17/2026
T - 208	226049 22	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 208	226049 22	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 208	226049 22	ASTM D3416 Low Level Methane	3/17/2026
T - 208	226049 22	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 208	226049 22	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 209	226049 23	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 209	226049 23	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 209	226049 23	ASTM D3416 Low Level Methane	3/17/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 209	226049 23	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 209	226049 23	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 210	226049 24	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 210	226049 24	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 210	226049 24	ASTM D3416 Low Level Methane	3/17/2026
T - 210	226049 24	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 210	226049 24	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 211	226049 25	ASTM D3416 Low Level Methane	3/17/2026
T - 211	226049 25	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 211	226049 25	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 211	226049 25	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 211	226049 25	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 212	226049 26	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 212	226049 26	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 212	226049 26	ASTM D3416 Low Level Methane	3/17/2026
T - 212	226049 26	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 212	226049 26	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 213	226049 27	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 213	226049 27	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 213	226049 27	ASTM D3416 Low Level Methane	3/17/2026
T - 213	226049 27	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 213	226049 27	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 214	226049 28	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 214	226049 28	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 214	226049 28	ASTM D3416 Low Level Methane	3/17/2026
T - 214	226049 28	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 214	226049 28	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 301	226049 29	ASTM D3416 Low Level Methane	3/18/2026
T - 301	226049 29	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 301	226049 29	ASTM D1945 Hydrogen Confirmation	3/18/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 301	226049 29	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 301	226049 29	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 302	226049 30	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 302	226049 30	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 302	226049 30	ASTM D3416 Low Level Methane	3/18/2026
T - 302	226049 30	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 302	226049 30	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 303	226049 31	ASTM D3416 Low Level Methane	3/18/2026
T - 303	226049 31	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 303	226049 31	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 303	226049 31	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 303	226049 31	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 304	226049 32	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 304	226049 32	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 304	226049 32	ASTM D3416 Low Level Methane	3/18/2026
T - 304	226049 32	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 304	226049 32	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 305	226049 33	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 305	226049 33	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 305	226049 33	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 305	226049 33	ASTM D3416 Low Level Methane	3/18/2026
T - 305	226049 33	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 306	226049 34	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 306	226049 34	ASTM D3416 Low Level Methane	3/18/2026
T - 306	226049 34	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 306	226049 34	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 306	226049 34	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 307	226049 35	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 307	226049 35	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 307	226049 35	ASTM D3416 Low Level Methane	3/18/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 307	226049 35	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 307	226049 35	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 308	226049 36	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 308	226049 36	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 308	226049 36	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 308	226049 36	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 308	226049 36	ASTM D3416 Low Level Methane	3/18/2026
T - 309	226049 37	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 309	226049 37	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 309	226049 37	ASTM D3416 Low Level Methane	3/18/2026
T - 309	226049 37	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 309	226049 37	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 310	226049 38	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 310	226049 38	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 310	226049 38	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 310	226049 38	ASTM D3416 Low Level Methane	3/18/2026
T - 310	226049 38	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 311	226049 39	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 311	226049 39	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 311	226049 39	ASTM D3416 Low Level Methane	3/18/2026
T - 311	226049 39	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 311	226049 39	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 312	226049 40	ASTM D3416 Low Level Methane	3/18/2026
T - 312	226049 40	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 312	226049 40	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 312	226049 40	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 312	226049 40	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 313	226049 41	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 313	226049 41	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 313	226049 41	ASTM D3416 Low Level Methane	3/18/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 313	226049 41	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 313	226049 41	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 314	226049 42	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 314	226049 42	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 314	226049 42	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 314	226049 42	ASTM D3416 Low Level Methane	3/18/2026
T - 314	226049 42	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 401	226049 43	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 401	226049 43	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 401	226049 43	ASTM D3416 Low Level Methane	3/19/2026
T - 401	226049 43	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 401	226049 43	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 402	226049 44	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 402	226049 44	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 402	226049 44	ASTM D3416 Low Level Methane	3/19/2026
T - 402	226049 44	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 402	226049 44	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 403	226049 45	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 403	226049 45	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 403	226049 45	ASTM D3416 Low Level Methane	3/19/2026
T - 403	226049 45	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 403	226049 45	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 404	226049 46	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 404	226049 46	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 404	226049 46	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 404	226049 46	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 404	226049 46	ASTM D3416 Low Level Methane	3/19/2026
T - 405	226049 47	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 405	226049 47	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 405	226049 47	ASTM D3416 Low Level Methane	3/19/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 405	226049 47	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 405	226049 47	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 406	226049 48	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 406	226049 48	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 406	226049 48	ASTM D3416 Low Level Methane	3/19/2026
T - 406	226049 48	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 406	226049 48	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 407	226049 49	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 407	226049 49	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 407	226049 49	ASTM D3416 Low Level Methane	3/19/2026
T - 407	226049 49	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 407	226049 49	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 408	226049 50	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 408	226049 50	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 408	226049 50	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 408	226049 50	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 408	226049 50	ASTM D3416 Low Level Methane	3/19/2026
T - 409	226049 51	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 409	226049 51	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 409	226049 51	ASTM D3416 Low Level Methane	3/19/2026
T - 409	226049 51	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 409	226049 51	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 410	226049 52	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 410	226049 52	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 410	226049 52	ASTM D3416 Low Level Methane	3/19/2026
T - 410	226049 52	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 410	226049 52	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 411	226049 53	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 411	226049 53	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 411	226049 53	ASTM D3416 Low Level Methane	3/19/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 411	226049 53	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 411	226049 53	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 412	226049 54	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 412	226049 54	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 412	226049 54	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 412	226049 54	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 412	226049 54	ASTM D3416 Low Level Methane	3/19/2026
T - 413	226049 55	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 413	226049 55	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 413	226049 55	ASTM D3416 Low Level Methane	3/19/2026
T - 413	226049 55	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 413	226049 55	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 414	226049 56	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 414	226049 56	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 414	226049 56	ASTM D3416 Low Level Methane	3/19/2026
T - 414	226049 56	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 414	226049 56	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 501	226049 57	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 501	226049 57	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 501	226049 57	ASTM D3416 Low Level Methane	3/20/2026
T - 501	226049 57	EPA TO-12 C2 to C12 CRYO	3/20/2026
T - 501	226049 57	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 502	226049 58	ASTM D3416 Low Level Methane	3/20/2026
T - 502	226049 58	EPA TO-12 C2 to C12 CRYO	3/20/2026
T - 502	226049 58	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 502	226049 58	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 502	226049 58	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 503	226049 59	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 503	226049 59	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 503	226049 59	ASTM D3416 Low Level Methane	3/20/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 503	226049 59	EPA TO-12 C2 to C12 CRYO	3/20/2026
T - 503	226049 59	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 504	226049 60	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 504	226049 60	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 504	226049 60	ASTM D3416 Low Level Methane	3/20/2026
T - 504	226049 60	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 504	226049 60	EPA TO-12 C2 to C12 CRYO	3/20/2026
T - 505	226049 61	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 505	226049 61	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 505	226049 61	ASTM D3416 Low Level Methane	3/20/2026
T - 505	226049 61	EPA TO-12 C2 to C12 CRYO	3/20/2026
T - 505	226049 61	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 506	226049 62	ASTM D3416 Low Level Methane	3/20/2026
T - 506	226049 62	EPA TO-12 C2 to C12 CRYO	3/20/2026
T - 506	226049 62	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 506	226049 62	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 506	226049 62	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 507	226049 63	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 507	226049 63	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 507	226049 63	ASTM D3416 Low Level Methane	3/20/2026
T - 507	226049 63	EPA TO-12 C2 to C12 CRYO	3/20/2026
T - 507	226049 63	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 508	226049 64	ASTM D3416 Low Level Methane	3/20/2026
T - 508	226049 64	EPA TO-12 C2 to C12 CRYO	3/20/2026
T - 508	226049 64	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 508	226049 64	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 508	226049 64	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 509	226049 65	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 509	226049 65	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 509	226049 65	ASTM D3416 Low Level Methane	3/20/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 509	226049 65	EPA TO-12 C2 to C12 CRYO	3/20/2026
T - 509	226049 65	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 510	226049 66	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 510	226049 66	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 510	226049 66	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 510	226049 66	ASTM D3416 Low Level Methane	3/20/2026
T - 510	226049 66	EPA TO-12 C2 to C12 CRYO	3/20/2026

Project Sample Media

SDG Number: 226049

The following sample media was used for this Sample Delivery Group (SDG). The Sample Media column identifies the type of media. For canisters, the Sample Media Batch gives the canister number followed by the cleaning batch number, which is a unique identification. The initial pressure of the canister when it is received is recorded. If the canister is not pressurized, the final pressure will be the same as the initial pressure. If the canister is pessurized the final pressure will be recorded, and the canister dilution factor is calculated as the ratio of the final to initial pressure. The results are adjusted for the can dilution factor.

SDG	Lab ID	Client Sample No.	Sample Media	Batch	Pressure, torr Initial	Pressure, torr Final	Can Factor
226049	1	T - 101	850		675	675	1.00
226049	2	T - 102	738		669	669	1.00
226049	3	T - 103	889		678	678	1.00
226049	4	T - 104	627		661	661	1.00
226049	5	T - 105	760		680	680	1.00
226049	6	T - 106	781		678	678	1.00
226049	7	T - 107	712		664	664	1.00
226049	8	T - 108	880		670	670	1.00
226049	9	T - 109	710		678	678	1.00
226049	10	T - 110	618		686	686	1.00
226049	11	T - 111	856		697	697	1.00
226049	12	T - 112	679		651	651	1.00
226049	13	T - 113	690		743	743	1.00
226049	14	T - 114	539		725	725	1.00
226049	15	T - 201	508		666	666	1.00
226049	16	T - 202	882		661	661	1.00
226049	17	T - 203	699		621	621	1.00
226049	18	T - 204	726		667	667	1.00
226049	19	T - 205	786		671	671	1.00
226049	20	T - 206	547		657	657	1.00
226049	21	T - 207	762		675	675	1.00
226049	22	T - 208	657		654	654	1.00
226049	23	T - 209	645		661	661	1.00
226049	24	T - 210	647		665	665	1.00
226049	25	T - 211	823		664	664	1.00

SDG	Lab ID	Client Sample No.	Sample Media	Batch	Pressure, torr Initial	Final	Can Factor
226049	26	T - 212	503		667	667	1.00
226049	27	T - 213	534		671	671	1.00
226049	28	T - 214	900		695	695	1.00
226049	29	T - 301	766		678	678	1.00
226049	30	T - 302	692		682	682	1.00
226049	31	T - 303	642		668	668	1.00
226049	32	T - 304	684		675	675	1.00
226049	33	T - 305	800		740	740	1.00
226049	34	T - 306	405		658	658	1.00
226049	35	T - 307	846		654	654	1.00
226049	36	T - 308	621		649	649	1.00
226049	37	T - 309	605		662	662	1.00
226049	38	T - 310	852		657	657	1.00
226049	39	T - 311	877		652	652	1.00
226049	40	T - 312	634		650	650	1.00
226049	41	T - 313	775		655	655	1.00
226049	42	T - 314	652		682	682	1.00
226049	43	T - 401	668		696	696	1.00
226049	44	T - 402	734		686	686	1.00
226049	45	T - 403			679	679	1.00
226049	46	T - 404	675		683	683	1.00
226049	47	T - 405	638		621	621	1.00
226049	48	T - 406	779		665	665	1.00
226049	49	T - 407	663		676	676	1.00
226049	50	T - 408	644		665	665	1.00
226049	51	T - 409	812		646	646	1.00
226049	52	T - 410	783		646	646	1.00
226049	53	T - 411	803		677	677	1.00
226049	54	T - 412	704		655	655	1.00
226049	55	T - 413	753		643	643	1.00
226049	56	T - 414	610		703	703	1.00
226049	57	T - 501	653		712	712	1.00
226049	58	T - 502	633		667	667	1.00

SDG	Lab ID	Client Sample No.	Sample Media	Batch	Pressure, torr Initial	Final	Can Factor
226049	59	T - 503	739		668	668	1.00
226049	60	T - 504	685		681	681	1.00
226049	61	T - 505	662		667	667	1.00
226049	62	T - 506	635		647	647	1.00
226049	63	T - 507	600		660	660	1.00
226049	64	T - 508	689		660	660	1.00
226049	65	T - 509	701		659	659	1.00
226049	66	T - 510	888		715	715	1.00

Laboratory Case Narrative

EAS SDG Number: 226049 **Project Number:** 17807

Client: C.E. Schmidt

The Laboratory Case Narrative for the SDG is below. The Chain of Custody form(s) follow the Laboratory Case Narrative.

Sample Control Narrative

The samples were all received in good condition and with proper preservation.

Analytical Methods

The methods used for sample analysis are listed on the Analytyical Report header, and have been modified as described in the EAS Quality Manual..

Case Narrative

QC Narrative

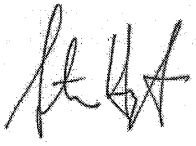
All analyses met EAS method criteria as defined in the Quality Manual, except as noted in the report or QC reports with data qualifiers.

Subcontract Narrative

No sample analysis was subcontracted for this project

Laboratory Certification

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness other than the condition(s) noted above. The Laboratory Report is property of EAS and its client. The entire report has been reviewed and approved.



Date Approved: 4/20/2026

Steven D. Hoyt, Ph.D.
Environmental Analytical Service
Laboratory Director

CE Schmidt, Phd, Environmental Consultant TO-15 Day 1

Chain of Custody Record

| | | |

CE Schmidt, PhD, Environmental Consultant

Chain of Custody Record

Form Serial Number: CES F1-02106	For Information Regarding These Samples Please Contact:
Client Name: SCS / *Chiquita Canyon Landfill*	**Dr. Charles E. Schmidt**
Project Manager: *Pat Sullivan*	19200 Live Oak Road, Red Bluff, CA 96080
Requested Completion Date	530-529-4256 Cell: 530-200-2473
	E-Mail: SCHMIDTCE@aol.com

Client Address and Phone Number: ***3900 Kilroy Airport Way, Suite 100, Long Beach, CA 90806 562-743-7895***

Laboratory Name: ***EAS***

Laboratory Address: ***173 Cross Street, San Luis Obispo, CA 93401***

Laboratory Phone: ***805-781-3585***

Laboratory Contact: ***Dr. Steve Hoyt*** *stevehoyt@easlab.com*

Station Number	Date	Time	COMP	GRAB	Sample ID Number	Can ID Number	# OF CONTAINERS	Sample Container: Vial	Can	Tube	Analysis Requested: TO-12 FID (TNMHC)	TO-14 FID (See back)	TO-15 (List on back)	Fixed gases (If List on back)	1,1-DFA Tracer	Can Pressure In (Inches Hg)	Can Pressure Out (Inches	Remarks
	3/17/2026	1020		x	T - 201	508	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1014		x	T - 202	882	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1024		x	T - 203	699	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1010		x	T - 204	716	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1160		x	T - 205	726	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1133		x	T - 206	547	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1126		x	T - 207	762	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1129		x	T - 208	651	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1238		x	T - 209	645	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1241		x	T - 210	647	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1235		x	T - 211	873	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1240		x	T - 212	503	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1231		x	T - 213	534	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1359		x	T - 214	900	1		x		x	x	x	x	x	-29	0	

Sampler: CES SCHMIDT	Date/Time: 3/20/26 1200	Relinquished by: CES SCHMIDT	Date/Time: 3/20/26 1200
Recieved by: CES	Date/Time	Relinquished by	Date/Time
Recieved by	Date/Time	Relinquished by	Date/Time
Recieved by Laboratory: [illegible]	Date/Time: 3/20/26 1530	Sample Shipped Via: UPS FEDEX BUS Other	
Remarks			

HAZWRAP/NEESA Y N

QC Level 1 2 3

COC

Ana Req

Cust Seal

Sample Condition

File: Chiquita Cyn Forms TO-15.xlsb Form: COC TO-15 D2

CE Schmidt, PhD, Environmental Consultant TO-15 Day 3

Chain of Custody Record

Form Serial Number	For Information Regarding These Samples	# OF CONTAINERS				Client Address and Phone Number							Laboratory Name
CES F1-02106	Please Contact:					*3900 Kilroy Airport Way, Suite 100*							*EAS*
Client Name						*Long Beach, CA 90806 562-743-7895*							
SCS	**Dr. Charles E. Schmidt**					Analysis Requested							Laboratory Address
Chiquita Canyon Landfill	19200 Live Oak Road, Red Bluff, CA 96080												*173 Cross Street*
Project Manager	530-529-4256 Cell: 530-200-2473												*San Luis Obispo, CA 93401*
Pat Sullivan	E-Mail: SCHMIDTCE@aol.com												Laboratory Phone
													805-781-3585
Requested Completion Date													Laboratory Contact
													Dr. Steve Hoyt
													stevehoyt@easlab.com

Station Number	Date	Time	COMP	GRAB	Sample ID Number	Can ID Number	Sample Container: Vial	Can	Tube	TO-12 FID (TNMHC)	TO-14 FID (See back)	TO-15 (List on back)	Fixed gases (List on back)	1,1-DFA Tracer	Can Pressure In (Inches Hg)	Can Pressure Out (Inches	Remarks
	3/18/2026	1008		x	T - 301	766		1	x		x	x	x	x	x	-29	0	
	3/18/2026	1013		x	T - 302	692		1	x		x	x	x	x	x	-29	0	
	3/18/2026	1014		x	T - 303	672		1	x		x	x	x	x	x	-29	0	
	3/18/2026	1011		x	T - 304	684		1	x		x	x	x	x	x	-29	0	
	3/18/2026	1100		x	T - 305	800		1	x		x	x	x	x	x	-29	0	
	3/18/2026	1103		x	T - 306	405		1	x		x	x	x	x	x	-29	0	
	3/18/2026	1105		x	T - 307	816		1	x		x	x	x	x	x	-29	0	
	3/18/2026	1110		x	T - 308	621		1	x		x	x	x	x	x	-29	0	
	3/18/2026	1212		x	T - 309	605		1	x		x	x	x	x	x	-29	0	
	3/18/2026	1219		x	T - 310	852		1	x		x	x	x	x	x	-29	0	
	3/18/2026	1208		x	T - 311	877		1	x		x	x	x	x	x	-29	0	
	3/18/2026	1220		x	T - 312	634		1	x		x	x	x	x	x	-29	0	
	3/18/2026	1223		x	T - 313	775		1	x		x	x	x	x	x	-29	0	
	3/18/2026	1230		x	T - 314	652		1	x		x	x	x	x	x	-29	0	

Sampler	Date/Time	Relinquished by	Date/Time	HAZWRAP/NEESA Y N
	3/20/26 1200		3/20/26 1200	QC Level 1 2 3
Recieved by	Date/Time	Relinquished by	Date/Time	COC
				Ana Req
Recieved by	Date/Time	Relinquished by	Date/Time	Cust Seal
				Sample Condition
Recieved by Laboratory	Date/Time	Sample Shipped Via		
	3/20/26 1530	UPS FEDEX BUS Other		
Remarks:				

File: Chiquita Cyn Forms TO-15.xlsb Form: COC TO-15 D3

CE Schmidt, Phd, Environmental Consultant — **TO-15 Day 4**

Chain of Custody Record

Form Serial Number **CES F1-02106**	For Information Regarding These Samples Please Contact:	# OF CONTAINERS
Client Name ***SCS***	**Dr. Charles E. Schmidt**	
Chiquita Canyon Landfill	19200 Live Oak Road, Red Bluff, CA 96080	
Project Manager ***Pat Sullivan***	530-529-4256 Cell: 530-200-2473	
	E-Mail: SCHMIDTCE@aol.com	
Requested Completion Date		

Client Address and Phone Number
3900 Kilroy Airport Way, Suite 100
Long Beach, CA 90806 562-743-7895

Laboratory Name
EAS

Laboratory Address
173 Cross Street
San Luis Obispo, CA 93401

Laboratory Phone
805-781-3585

Laboratory Contact
Dr. Steve Hoyt
stevehoyt@easlab.com

Station Number	Date	Time	COMP	GRAB	Sample ID Number	Can ID Number	# OF CONTAINERS	Sample Container: Vial	Sample Container: Can	Sample Container: Tube	Analysis Requested: TO-12 FID (TNMHC)	TO-14 FID (See back)	TO-15 (List on back)	Fixed gases (iList on back)	1,1-DFA Tracer	Can Pressure In (Inches Hg)	Can Pressure Out (Inches	Remarks
	3/19/2026	939		x	T - 401	668 734	1		x		x	x	x	x	x	-29	0	
	3/19/2026	956		x	T - 402		1		x		x	x	x	x	x	-29	0	
	3/19/2026	960		x	T - 403	550 675	1		x		x	x	x	x	x	-29	0	
	3/19/2026	957		x	T - 404		1		x		x	x	x	x	x	-29	0	
	3/19/2026	1036		x	T - 405	638 709	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1038		x	T - 406		1		x		x	x	x	x	x	-29	0	
	3/19/2026	1073		x	T - 407	663 644	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1042		x	T - 408		1		x		x	x	x	x	x	-29	0	
1213	3/19/2026	~~1213~~		x	T - 409	812 783	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1210		x	T - 410		1		x		x	x	x	x	x	-29	0	
	3/19/2026	1204		x	T - 411	803 704	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1211		x	T - 412		1		x		x	x	x	x	x	-29	0	
	3/19/2026	1217		x	T - 413	753 610	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1240		x	T - 414		1		x		x	x	x	x	x	-29	0	

Sampler CE Schmidt	Date/Time 3/20/26 1200	Relinquished by CE Schmidt	Date/Time 3/20/26 1200
Recieved by EAS	Date/Time	Relinquished by	Date/Time
Recieved by	Date/Time	Relinquished by	Date/Time
Recieved by Laboratory EAS	Date/Time 3/20/26 1530	Sample Shipped Via UPS FEDEX BUS Other	
Remarks			

HAZWRAP/NEESA Y N
QC Level 1 2 3
COC
Ana Req
Cust Seal
Sample Condition

File: Chiquita Cyn Forms TO-15.xlsb Form: COC TO-15 D4

CE Schmidt, PhD, Environmental Consultant

Chain of Custody Record

Form Serial Number **CES F1-02106**	For Information Regarding These Samples Please Contact:
Client Name ***SCS*** ***Chiquita Canyon Landfill***	**Dr. Charles E. Schmidt** 19200 Live Oak Road, Red Bluff, CA 96080 530-529-4256 Cell: 530-200-2473 E-Mail: SCHMIDTCE@aol.com
Project Manager ***Pat Sullivan***	
Requested Completion Date	

Client Address and Phone Number
3900 Kilroy Airport Way, Suite 100
Long Beach, CA 90806 562-743-7895

Laboratory Name
EAS

Laboratory Address
173 Cross Street
San Luis Obispo, CA 93401

Laboratory Phone
805-781-3585

Laboratory Contact
Dr. Steve Hoyt
stevehoyt@easlab.com

Station Number	Date	Time	COMP	GRAB	Sample ID Number	Can ID Number	# OF CONTAINERS	Sample Container: Vial	Can	Tube	Analysis Requested: TO-12 FID (TNMHC)	TO-14 FID (See back)	TO-15 (List on back)	Fixed gases (List on back)	1,1-DFA Tracer	Can Pressure In (Inches Hg)	Can Pressure Out (Inches	Remarks
	3/20/2026	1004		x	T - 501	653	1		x		x	x	x	x	x	-29	0	
	3/20/2026	1009		x	T - 502	633	1		x		x	x	x	x	x	-29	0	
	3/20/2026	959		x	T - 503	739	1		x		x	x	x	x	x	-29	0	
	3/20/2026	956		x	T - 504	685	1		x		x	x	x	x	x	-29	0	
	3/20/2026	1114		x	T - 505	662	1		x		x	x	x	x	x	-29	0	
	3/20/2026	1113		x	T - 506	635	1		x		x	x	x	x	x	-29	0	
	3/20/2026	1120		x	T - 507	600	1		x		x	x	x	x	x	-29	0	
	3/20/2026	1110		x	T - 508	689	1		x		x	x	x	x	x	-29	4	
	3/20/2026	1116		x	T - 509	701	1		x		x	x	x	x	x	-29	0	
	3/20/2026	1145		x	T - 510	698	1		x		x	x	x	x	x	-29	0	
	~~3/20/2026~~			x	T - 511		1		x		x	x	x	x	x			
	3/20/2026			x	T - 512		1		x		x	x	x	x	x			
	3/20/2026			x	T - 513		1		x		x	x	x	x	x			
	~~3/20/2026~~			x	T - 514		1		x		x	x	x	x	x			

Sampler RE Schmidt	Date/Time 3/20/26 1200	Relinquished by 3/20/26 1200	Date/Time RE Schmidt	HAZWRAP/NEESA Y N QC Level 1 2 3
Recieved by EAS	Date/Time	Relinquished by	Date/Time	COC Ana Req
Recieved by	Date/Time	Relinquished by	Date/Time	Cust Seal Sample Condition
Recieved by Laboratory Remarks	Date/Time: 3/20/26 1500	Sample Shipped Via UPS FEDEX BUS Other		

File: Chiquita Cyn Forms TO-15.xlsb Form: COC TO-15 D5

Quality Control Report

EAS SDG Number: 226049

Project Number: 17807

QC Narrative

Samples were anlayzed in a daily analytical batch (DAB) designated by a QC batch number, and were analyzed using EAS standard laboratory QC specified in the EAS Quality Manual which may be different then the referrenced agency method. Any deviations from the EAS QC criteria are flagged in the Laboratory Control Reports or in the sample Analytical Reports.

Standard Laboratory QC Report

Unless project specific QC was requested, this Section containing the standard laboratory QC (Level 2) supplied with the Analytical Reports. Each sample is analyzed in a Daily Analytical Batch (DAB) which includes the method blank, a laboratory control spike (LCS) and a laboratory control duplicate (LCD). A Daily Analytical Batch QC report is supplied for each method requested.

Method Blank

The method blank is a laboratory generated sample which assesses the degree to which laboratory operations cause a false positive. The target analytes in the analytical reports for a daily analytical batch are "B" flagged if their concentrations are present in the Method Blank above the RL, unless the result is greater then ten times the blank value..

Laboratory Control Spike

A laboratory control spike is a well characterized matrix similar to the sample which is spiked and run in duplicate with each Daily Analytical Batch. The laboratory control spike results are reported as a percent recovery. The QC Criteria for the control spike is listed in the Laboratory Control Report. Any results outside the control limits are flagged with a "Q" on the Laboratory Control Report. The control spike contains an abbreviated list of compounds in the method, and may contain compounds not on the target list for the specified report.

Laboratory Control Duplicate

The laboratory control duplicate is a duplicate analysis of the laboratory control spike, a standard, or a sample depending on the method. The results are reported as a relative percent difference (RPD). The criteria for the duplicate is in the Laboratory Control Report for the Daily Analytical Batch. Any results outside the control limits are flagged with a "Q" on the Laboratory Control Report.

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: LABQC
Laboratory Number: B03256

File Name: B03256C
Description: METHOD BLANK
Canister:
QC_Batch: 032526-GCK

Date Sampled: **Time:**
Date Analyzed: 03/25/26 **Time:** 12:46
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	ND	2.47	7.40	ND	ND
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: LABQC
Laboratory Number: B03266

File Name: B03266B
Description: METHOD BLANK
Canister:
QC_Batch: 032626-GCK

Date Sampled:
Time:
Date Analyzed: 03/26/26
Time: 10:27
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	ND	2.47	7.40	ND	ND
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: LABQC
Laboratory Number: B03276

File Name: B03276B
Description: METHOD BLANK
Canister:
QC_Batch: 032726-GCK

Date Sampled:
Time:
Date Analyzed: 03/27/26
Time: 11:32
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	ND	2.47	7.40	ND	ND
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: LABQC
Laboratory Number: B03306

File Name: B03306B
Description: METHOD BLANK
Canister:
QC_Batch: 033026-GCK

Date Sampled:
Time:
Date Analyzed: 03/30/26
Time: 10:33
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	ND	2.47	7.40	ND	ND
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: LABQC
Laboratory Number: B03316

File Name: B03316B
Description: METHOD BLANK
Canister:
QC_Batch: 033126-GCK

Date Sampled:
Time:
Date Analyzed: 03/31/26
Time: 10:18
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	ND	2.47	7.40	ND	ND
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: LABQC
Laboratory Number: B04016

File Name: B04016B
Description: METHOD BLANK
Canister:
QC_Batch: 040126-GCK

Date Sampled:
Time:
Date Analyzed: 04/01/26
Time: 11:26
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	ND	2.47	7.40	ND	ND
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: LABQC
Laboratory Number: B04026

File Name: B04026B
Description: METHOD BLANK
Canister:
QC_Batch: 040226-GCK

Date Sampled:
Date Analyzed: 04/02/26
Can Factor: 1.00
Air Volume: 200 ml

Time:
Time: 10:36

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	ND	2.47	7.40	ND	ND
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: LABQC
Laboratory Number: B04036

File Name: B04036B
Description: METHOD BLANK
Canister:
QC_Batch: 040326-GCK

Date Sampled:
Date Analyzed: 04/03/26
Can Factor: 1.00
Air Volume: 200 ml

Time:
Time: 10:05

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	ND	2.47	7.40	ND	ND
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: LABQC
Laboratory Number: B04166

File Name: B04166B
Description: METHOD BLANK
Canister:
QC_Batch: 041626-GCK

Date Sampled:
Date Analyzed: 04/16/26
Can Factor: 1.00
Air Volume: 200 ml

Time:
Time: 15:50

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	ND	2.47	7.40	ND	ND
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

QUALITY CONTROL SPIKE

ENVIRONMENTAL
Analytical Service, Inc.

Laboratory Control Spike and Laboratory Control Duplicate

EPA Method TO-12 Total Non-Methane Hydrocarbons

QC_Batch: 032526-GCK
Date: 03/25/26

CAS#	Compound	LCS Recovery %	Flag	LCD Recovery %	Flag	Spike Limit LCL %	Spike Limit UCL %	Duplicate Duplicate %	Duplicate Limit %	Flag
109-66-0	n-Pentane	96		93		70	130	4	25	
110-54-3	n-Hexane	101		96		70	130	6	25	
71-43-2	Benzene	94		96		70	130	1	25	
142-82-5	n-Heptane	102		103		70	130	1	25	
108-88-3	Toluene	101		107		70	130	6	25	
111-65-9	n-Octane	101		98		70	130	4	25	
108-38-3	m,p-xylene	121		104		70	130	17	25	
95-47-6	o-xylene	127		103		70	130	23	25	
108-67-8	1,3,5-Trimethylbenzene	114		94		70	130	20	25	

LCS- Laboratory Control Spike
LCD - Laboratory Control Duplicate

Flag - Q indicates out of Limit

QUALITY CONTROL SPIKE

ENVIRONMENTAL
Analytical Service, Inc.

Laboratory Control Spike and Laboratory Control Duplicate

EPA Method TO-12 Total Non-Methane Hydrocarbons

QC_Batch: 032626-GCK
Date: 03/26/26

CAS#	Compound	LCS Recovery %	Flag	LCD Recovery %	Flag	Spike Limit LCL %	Spike Limit UCL %	Duplicate Duplicate %	Duplicate Limit %	Flag
109-66-0	n-Pentane	103		95		70	130	8	25	
110-54-3	n-Hexane	107		101		70	130	6	25	
71-43-2	Benzene	104		99		70	130	5	25	
142-82-5	n-Heptane	114		108		70	130	5	25	
108-88-3	Toluene	114		111		70	130	4	25	
111-65-9	n-Octane	120		110		70	130	10	25	
108-38-3	m,p-xylene	116		111		70	130	5	25	
95-47-6	o-xylene	122		115		70	130	7	25	
108-67-8	1,3,5-Trimethylbenzene	129		117		70	130	12	25	

LCS- Laboratory Control Spike
LCD - Laboratory Control Duplicate

Flag - Q indicates out of Limit

QUALITY CONTROL SPIKE

ENVIRONMENTAL
Analytical Service, Inc.

Laboratory Control Spike and Laboratory Control Duplicate

EPA Method TO-12 Total Non-Methane Hydrocarbons

QC_Batch: 032726-GCK
Date: 03/27/26

CAS#	Compound	LCS Recovery %	Flag	LCD Recovery %	Flag	Spike Limit LCL %	Spike Limit UCL %	Duplicate %	Duplicate Limit %	Flag
109-66-0	n-Pentane	100		101		70	130	1	25	
110-54-3	n-Hexane	105		108		70	130	3	25	
71-43-2	Benzene	99		107		70	130	8	25	
142-82-5	n-Heptane	103		112		70	130	9	25	
108-88-3	Toluene	105		117		70	130	11	25	
111-65-9	n-Octane	106		109		70	130	4	25	
108-38-3	m,p-xylene	112		123		70	130	11	25	
95-47-6	o-xylene	113		122		70	130	9	25	
108-67-8	1,3,5-Trimethylbenzene	113		123		70	130	11	25	

LCS- Laboratory Control Spike
LCD - Laboratory Control Duplicate

Flag - Q indicates out of Limit

QUALITY CONTROL SPIKE

ENVIRONMENTAL
Analytical Service, Inc.

Laboratory Control Spike and Laboratory Control Duplicate

EPA Method TO-12 Total Non-Methane Hydrocarbons

QC_Batch: 033026-GCK
Date: 03/30/26

CAS#	Compound	LCS Recovery %	Flag	LCD Recovery %	Flag	Spike Limit LCL %	Spike Limit UCL %	Duplicate Duplicate %	Duplicate Limit %	Flag
109-66-0	n-Pentane	101		99		70	130	2	25	
110-54-3	n-Hexane	100		98		70	130	2	25	
71-43-2	Benzene	99		98		70	130	1	25	
142-82-5	n-Heptane	102		99		70	130	3	25	
108-88-3	Toluene	108		93		70	130	15	25	
111-65-9	n-Octane	106		92		70	130	14	25	
108-38-3	m,p-xylene	108		89		70	130	19	25	
95-47-6	o-xylene	107		88		70	130	19	25	
108-67-8	1,3,5-Trimethylbenzene	103		98		70	130	5	25	

LCS- Laboratory Control Spike
LCD - Laboratory Control Duplicate

Flag - Q indicates out of Limit

QUALITY CONTROL SPIKE

ENVIRONMENTAL
Analytical Service, Inc.

Laboratory Control Spike and Laboratory Control Duplicate

EPA Method TO-12 Total Non-Methane Hydrocarbons

QC_Batch: 033126-GCK
Date: 03/31/26

CAS#	Compound	LCS Recovery %	Flag	LCD Recovery %	Flag	Spike Limit LCL %	Spike Limit UCL %	Duplicate Duplicate %	Duplicate Limit %	Flag
109-66-0	n-Pentane	97		100		70	130	3	25	
110-54-3	n-Hexane	98		98		70	130	1	25	
71-43-2	Benzene	101		103		70	130	2	25	
142-82-5	n-Heptane	96		100		70	130	4	25	
108-88-3	Toluene	95		99		70	130	4	25	
111-65-9	n-Octane	96		98		70	130	2	25	
108-38-3	m,p-xylene	91		91		70	130	0	25	
95-47-6	o-xylene	96		91		70	130	5	25	
108-67-8	1,3,5-Trimethylbenzene	107		92		70	130	15	25	

LCS- Laboratory Control Spike
LCD - Laboratory Control Duplicate

Flag - Q indicates out of Limit

QUALITY CONTROL SPIKE

ENVIRONMENTAL
Analytical Service, Inc.

Laboratory Control Spike and Laboratory Control Duplicate

EPA Method TO-12 Total Non-Methane Hydrocarbons

QC_Batch: 040126-GCK
Date: 04/01/26

CAS#	Compound	LCS Recovery %	Flag	LCD Recovery %	Flag	Spike Limit LCL %	Spike Limit UCL %	Duplicate Duplicate %	Duplicate Limit %	Flag
109-66-0	n-Pentane	103		102		70	130	1	25	
110-54-3	n-Hexane	104		99		70	130	4	25	
71-43-2	Benzene	104		96		70	130	8	25	
142-82-5	n-Heptane	102		98		70	130	4	25	
108-88-3	Toluene	99		92		70	130	8	25	
111-65-9	n-Octane	100		93		70	130	6	25	
108-38-3	m,p-xylene	103		87		70	130	16	25	
95-47-6	o-xylene	95		84		70	130	11	25	
108-67-8	1,3,5-Trimethylbenzene	96		85		70	130	11	25	

LCS- Laboratory Control Spike
LCD - Laboratory Control Duplicate

Flag - Q indicates out of Limit

QUALITY CONTROL SPIKE

ENVIRONMENTAL
Analytical Service, Inc.

Laboratory Control Spike and Laboratory Control Duplicate

EPA Method TO-12 Total Non-Methane Hydrocarbons

QC_Batch: 040226-GCK
Date: 04/02/26

CAS#	Compound	LCS Recovery %	Flag	LCD Recovery %	Flag	Spike Limit LCL %	Spike Limit UCL %	Duplicate Duplicate %	Duplicate Limit %	Flag
109-66-0	n-Pentane	104		99		70	130	5	25	
110-54-3	n-Hexane	107		98		70	130	8	25	
71-43-2	Benzene	106		96		70	130	11	25	
142-82-5	n-Heptane	109		98		70	130	10	25	
108-88-3	Toluene	94		91		70	130	3	25	
111-65-9	n-Octane	98		94		70	130	4	25	
108-38-3	m,p-xylene	91		86		70	130	4	25	
95-47-6	o-xylene	88		85		70	130	3	25	
108-67-8	1,3,5-Trimethylbenzene	92		85		70	130	7	25	

LCS- Laboratory Control Spike
LCD - Laboratory Control Duplicate

Flag - Q indicates out of Limit

QUALITY CONTROL SPIKE

ENVIRONMENTAL
Analytical Service, Inc.

Laboratory Control Spike and Laboratory Control Duplicate

EPA Method TO-12 Total Non-Methane Hydrocarbons

QC_Batch: 040326-GCK
Date: 04/03/26

CAS#	Compound	LCS Recovery %	Flag	LCD Recovery %	Flag	Spike Limit LCL %	Spike Limit UCL %	Duplicate Duplicate %	Duplicate Limit %	Flag
109-66-0	n-Pentane	101		101		70	130	0	25	
110-54-3	n-Hexane	101		100		70	130	1	25	
71-43-2	Benzene	102		97		70	130	6	25	
142-82-5	n-Heptane	100		102		70	130	2	25	
108-88-3	Toluene	103		89		70	130	14	25	
111-65-9	n-Octane	106		96		70	130	10	25	
108-38-3	m,p-xylene	105		88		70	130	17	25	
95-47-6	o-xylene	107		92		70	130	15	25	
108-67-8	1,3,5-Trimethylbenzene	91		94		70	130	4	25	

LCS- Laboratory Control Spike
LCD - Laboratory Control Duplicate

Flag - Q indicates out of Limit

QUALITY CONTROL SPIKE

ENVIRONMENTAL
Analytical Service, Inc.

Laboratory Control Spike and Laboratory Control Duplicate

EPA Method TO-12 Total Non-Methane Hydrocarbons

QC_Batch: 041626-GCK
Date: 04/16/26

CAS#	Compound	LCS Recovery %	Flag	LCD Recovery %	Flag	Spike Limit LCL %	Spike Limit UCL %	Duplicate Duplicate %	Duplicate Limit %	Flag
109-66-0	n-Pentane	98		99		70	130	1	25	
110-54-3	n-Hexane	101		99		70	130	2	25	
71-43-2	Benzene	103		101		70	130	2	25	
142-82-5	n-Heptane	103		96		70	130	8	25	
108-88-3	Toluene	103		91		70	130	12	25	
111-65-9	n-Octane	99		89		70	130	11	25	
108-38-3	m,p-xylene	93		84		70	130	10	25	
95-47-6	o-xylene	89		93		70	130	4	25	
108-67-8	1,3,5-Trimethylbenzene	78		80		70	130	2	25	

LCS- Laboratory Control Spike
LCD - Laboratory Control Duplicate

Flag - Q indicates out of Limit

Analytical Reports

EAS SDG Number: 226049

Project Number: 17807

The following pages contain the certified Analytical Reports for the samples submitted in the Sample Delivery Group (SDG) and are in order of the EAS Lab ID number. All of the analytical methods used are modifications of the published methods. Procedural method modifications, QC modifications, QC Criteria modifications, target lists, definitions of detection limits, and flags are all explained in detail in the EAS Quality Manual. The Analytical Report has columns for the method detection limit (MDL), the reporting limit (RL), and the Amount. The Amount is the concentration of the compound in the sample. The report usually has the results reported with two commonly used units. The MDL, RL, and Amount are adjusted for the canister dilution factor and any dilution caused by sample matrix effects.

NELAC CERTIFICATION

EAS is accredited by the National Environmental Laboratory Accreditation (NELAC) with the Florida Department of Health, one of the NELAC certifying states. EAS is certified for the EPA TO-15, EPA TO-11 and EPA TO-4 methods. A list of accredited compounds is available on request.

DETECTION LIMITS

MDL: The MDL is lowest concentration that can be measured to be statistically above the noise level and is determined using the EPA 2016 method which uses the standard deviation of replicate measurements made over time. The method also incorporates systematic instrumentation blank levels. See Quality Manual for detailed explanation.

RL: The reporting limit (RL) is the lowest concentration that can be reliably reported for each compound that meets the QC Criteria for the method, background levels, or project specific considerations. The QC criteria level for the method blank is to be less then the RL See Quality Manual for more information.

DATA FLAGS

In the standard report, if a compound is not detected above the method detection limit, a "ND" is in the Amount column. The flag column is used for both the not detect flag and for any data flags.

B - This compound was detected in the batch method blank above the reporting limit and is greater then one tenth the amount in the sample.

E - This compound exceeds the calibration range for this sample volume.

J - The amount reported is estimated because it was below the RL and could be below the lowest calibration point, have higher uncertainty, or could be the result of system background

SIGNIFICANT FIGURES

Based on the uncertainty in the methods, the numbers on the Analytical Reports should be used with only two significant digits. Additional significant figures are reported for ease of use and to avoid rounding errors when used in further calculations.

UNITS

PPBV or PPMV: Parts-per-billion (or million) by volume is a mole (volume) ratio of the moles of analyte divided by the moles of air (gas). This is the primary unit used to report air or gas concentrations and is independent of temperature and pressure.

UG/M3 OR MG/M3: The reported result was calculated based on 1 atm pressure and a temperature of 25C. The conversion from PPBV is: UG/M3 = PPBV x MW/24.46 where 24.26 is the gas constant and MW is the Compounds Molecular Weight (sometimes called Formula Weight)

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 01

File Name: 2604901A
Description: T-101
Canister: 850
QC_Batch: 041626-GCK

Date Sampled: 03/16/26 **Time:** 11:20
Date Analyzed: 04/16/26 **Time:** 16:36
Can Factor: 1.48
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.97	8.90	4.23	3.41	10.24	4.87	J
74-86-2	Acetylene	2.97	8.90	ND	3.16	9.48	ND	ND
74-84-0	Ethane	2.97	8.90	3.27	3.66	10.97	4.04	J
115-07-1	Propene	1.98	5.93	2.00	3.41	10.23	3.45	J
74-98-6	Propane	1.98	5.93	2.40	3.57	10.72	4.33	J
75-28-5	i-Butane	1.48	4.45	ND	3.53	10.59	ND	ND
106-98-9	1-Butene	1.48	4.45	ND	3.41	10.23	ND	ND
106-97-8	n-Butane	1.48	4.45	ND	3.53	10.59	ND	ND
624-64-6	t-2-Butene	1.48	4.45	ND	3.41	10.23	ND	ND
590-18-1	c-2-Butene	1.48	4.45	ND	3.41	10.23	ND	ND
78-78-4	i-Pentane	1.19	3.56	ND	3.51	10.53	ND	ND
109-67-1	1-Pentene	1.19	3.56	ND	3.41	10.22	ND	ND
109-66-0	n-Pentane	1.19	3.56	ND	3.50	10.51	ND	ND
646-04-8	t-2-Pentene	1.19	3.56	8.31	3.41	10.22	23.87	
627-20-3	c-2-Pentene	1.19	3.56	ND	3.41	10.22	ND	ND
75-83-2	2,2-Dimethylbutane	0.99	2.97	ND	3.49	10.48	ND	ND
287-92-3	Cyclopentane	1.19	3.56	ND	3.41	10.22	ND	ND
79-29-8	2,3-Dimethylbutane	0.99	2.97	ND	3.49	10.48	ND	ND
107-83-5	2-Methylpentane	0.99	2.97	1.03	3.49	10.48	3.62	J
96-14-0	3-Methylpentane	0.99	2.97	2.91	3.49	10.48	10.28	J
110-54-3	n-Hexane	0.99	2.97	4.94	3.49	10.48	17.45	
96-37-7	Methylcyclopentane	0.99	2.97	ND	3.41	10.23	ND	ND
108-08-7	2,4-Dimethylpentane	0.85	2.54	1.21	3.48	10.44	4.96	J
71-43-2	Benzene	0.99	2.97	ND	3.16	9.49	ND	ND
110-82-7	Cyclohexane	0.99	2.97	ND	3.41	10.23	ND	ND
591-76-4	2-Methylhexane	0.85	2.54	ND	3.48	10.44	ND	ND
565-59-3	2,3-Dimethylpentane	0.85	2.54	ND	3.48	10.44	ND	ND
589-34-4	3-Methylhexane	0.85	2.54	ND	3.48	10.44	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.74	2.22	ND	3.47	10.41	ND	ND
142-82-5	n-Heptane	0.85	2.54	ND	3.48	10.44	ND	ND
108-87-2	Methylcyclohexane	0.85	2.54	ND	3.41	10.23	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.74	2.22	ND	3.47	10.41	ND	ND
108-88-3	Toluene	0.85	2.54	ND	3.20	9.59	ND	ND
592-27-8	2-Methylheptane	0.74	2.22	ND	3.47	10.41	ND	ND
589-81-1	3-Methylheptane	0.74	2.22	ND	3.47	10.41	ND	ND
111-65-9	n-Octane	0.74	2.22	ND	3.47	10.41	ND	ND
100-41-4	Ethylbenzene	0.74	2.22	ND	3.23	9.68	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.74	2.22	ND	3.23	9.68	ND	ND
100-42-5	Styrene	0.74	2.22	ND	3.17	9.50	ND	ND
95-47-6	o-xylene	0.74	2.22	ND	3.23	9.68	ND	ND
111-84-2	n-Nonane	0.66	1.98	ND	3.46	10.39	ND	ND
98-82-8	i-Propylbenzene	0.66	1.98	ND	3.25	9.74	ND	ND
103-65-1	n-propylbenzene	0.66	1.98	ND	3.25	9.74	ND	ND
620-14-4	3-Ethyltoluene	0.66	1.98	ND	3.25	9.74	ND	ND
622-96-8	4-Ethyltoluene	0.66	1.98	ND	3.25	9.74	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.66	1.98	ND	3.25	9.74	ND	ND
611-14-3	2-Ethyltoluene	0.66	1.98	ND	3.25	9.74	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.66	1.98	1.40	3.25	9.74	6.87	J
124-18-5	n-Decane	0.59	1.78	ND	3.46	10.38	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.66	1.98	ND	3.25	9.74	ND	ND
141-93-5	1,3-Diethylbenzene	0.59	1.78	ND	3.26	9.79	ND	ND
105-05-5	1,4-Diethylbenzene	0.59	1.78	ND	3.26	9.79	ND	ND
1120-21-4	Undecane	0.54	1.62	ND	3.45	10.36	ND	ND
112-40-3	Dodecane	0.49	1.48	ND	3.45	10.35	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	11.12	33.36	26.41	39.28	117.85	93.32	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	66.72	200.16	158.49	43.75	131.25	103.93	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 02

File Name: 2604902A
Description: T-102
Canister: 738
QC_Batch: 041626-GCK

Date Sampled: 03/16/26 **Time:** 11:13
Date Analyzed: 04/16/26 **Time:** 17:23
Can Factor: 1.27
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.54	7.63	ND	2.93	8.79	ND	ND
74-86-2	Acetylene	2.54	7.63	ND	2.71	8.13	ND	ND
74-84-0	Ethane	2.54	7.63	3.22	3.14	9.42	3.98	J
115-07-1	Propene	1.70	5.09	ND	2.93	8.78	ND	ND
74-98-6	Propane	1.70	5.09	2.09	3.07	9.20	3.77	J
75-28-5	i-Butane	1.27	3.82	ND	3.03	9.09	ND	ND
106-98-9	1-Butene	1.27	3.82	ND	2.92	8.77	ND	ND
106-97-8	n-Butane	1.27	3.82	2.34	3.03	9.09	5.56	J
624-64-6	t-2-Butene	1.27	3.82	2.06	2.92	8.77	4.74	J
590-18-1	c-2-Butene	1.27	3.82	ND	2.92	8.77	ND	ND
78-78-4	i-Pentane	1.02	3.05	ND	3.01	9.03	ND	ND
109-67-1	1-Pentene	1.02	3.05	ND	2.92	8.77	ND	ND
109-66-0	n-Pentane	1.02	3.05	ND	3.01	9.02	ND	ND
646-04-8	t-2-Pentene	1.02	3.05	2.65	2.92	8.77	7.61	J
627-20-3	c-2-Pentene	1.02	3.05	ND	2.92	8.77	ND	ND
75-83-2	2,2-Dimethylbutane	0.85	2.54	ND	3.00	8.99	ND	ND
287-92-3	Cyclopentane	1.02	3.05	ND	2.92	8.77	ND	ND
79-29-8	2,3-Dimethylbutane	0.85	2.54	ND	3.00	8.99	ND	ND
107-83-5	2-Methylpentane	0.85	2.54	ND	3.00	8.99	ND	ND
96-14-0	3-Methylpentane	0.85	2.54	ND	3.00	8.99	ND	ND
110-54-3	n-Hexane	0.85	2.54	0.87	3.00	8.99	3.07	J
96-37-7	Methylcyclopentane	0.85	2.54	ND	2.93	8.78	ND	ND
108-08-7	2,4-Dimethylpentane	0.73	2.18	ND	2.98	8.95	ND	ND
71-43-2	Benzene	0.85	2.54	ND	2.71	8.14	ND	ND
110-82-7	Cyclohexane	0.85	2.54	ND	2.93	8.78	ND	ND
591-76-4	2-Methylhexane	0.73	2.18	ND	2.98	8.95	ND	ND
565-59-3	2,3-Dimethylpentane	0.73	2.18	ND	2.98	8.95	ND	ND
589-34-4	3-Methylhexane	0.73	2.18	ND	2.98	8.95	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.64	1.91	ND	2.98	8.93	ND	ND
142-82-5	n-Heptane	0.73	2.18	ND	2.98	8.95	ND	ND
108-87-2	Methylcyclohexane	0.73	2.18	ND	2.93	8.78	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.64	1.91	ND	2.98	8.93	ND	ND
108-88-3	Toluene	0.73	2.18	ND	2.74	8.23	ND	ND
592-27-8	2-Methylheptane	0.64	1.91	ND	2.98	8.93	ND	ND
589-81-1	3-Methylheptane	0.64	1.91	ND	2.98	8.93	ND	ND
111-65-9	n-Octane	0.64	1.91	ND	2.98	8.93	ND	ND
100-41-4	Ethylbenzene	0.64	1.91	ND	2.77	8.30	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.64	1.91	ND	2.77	8.30	ND	ND
100-42-5	Styrene	0.64	1.91	ND	2.72	8.15	ND	ND
95-47-6	o-xylene	0.64	1.91	ND	2.77	8.30	ND	ND
111-84-2	n-Nonane	0.57	1.70	ND	2.97	8.92	ND	ND
98-82-8	i-Propylbenzene	0.57	1.70	ND	2.79	8.36	ND	ND
103-65-1	n-propylbenzene	0.57	1.70	ND	2.79	8.36	ND	ND
620-14-4	3-Ethyltoluene	0.57	1.70	0.67	2.79	8.36	3.30	J
622-96-8	4-Ethyltoluene	0.57	1.70	ND	2.79	8.36	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.57	1.70	ND	2.79	8.36	ND	ND
611-14-3	2-Ethyltoluene	0.57	1.70	ND	2.79	8.36	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.57	1.70	4.26	2.79	8.36	20.98	
124-18-5	n-Decane	0.51	1.53	ND	2.97	8.90	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.57	1.70	ND	2.79	8.36	ND	ND
141-93-5	1,3-Diethylbenzene	0.51	1.53	ND	2.80	8.40	ND	ND
105-05-5	1,4-Diethylbenzene	0.51	1.53	ND	2.80	8.40	ND	ND
1120-21-4	Undecane	0.46	1.39	ND	2.96	8.89	ND	ND
112-40-3	Dodecane	0.42	1.27	ND	2.96	8.88	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	9.54	28.62	19.02	33.70	101.11	67.19	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	57.24	171.73	114.11	37.54	112.61	74.82	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 03

File Name: 2604903A
Description: T-103
Canister: 889
QC_Batch: 041626-GCK

Date Sampled: 03/16/26 **Time:** 11:09
Date Analyzed: 04/16/26 **Time:** 18:19
Can Factor: 1.43
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.85	8.56	15.00	3.28	9.85	17.27	
74-86-2	Acetylene	2.85	8.56	ND	3.04	9.12	ND	ND
74-84-0	Ethane	2.85	8.56	14.82	3.52	10.55	18.28	
115-07-1	Propene	1.90	5.70	54.58	3.28	9.84	94.16	
74-98-6	Propane	1.90	5.70	45.24	3.44	10.31	81.77	
75-28-5	i-Butane	1.43	4.28	ND	3.40	10.19	ND	ND
106-98-9	1-Butene	1.43	4.28	ND	3.28	9.84	ND	ND
106-97-8	n-Butane	1.43	4.28	97.62	3.40	10.19	232.46	
624-64-6	t-2-Butene	1.43	4.28	2.14	3.28	9.84	4.92	J
590-18-1	c-2-Butene	1.43	4.28	ND	3.28	9.84	ND	ND
78-78-4	i-Pentane	1.14	3.42	1.83	3.38	10.13	5.42	J
109-67-1	1-Pentene	1.14	3.42	16.39	3.28	9.83	47.09	
109-66-0	n-Pentane	1.14	3.42	1.62	3.37	10.11	4.79	J
646-04-8	t-2-Pentene	1.14	3.42	16.58	3.28	9.83	47.63	
627-20-3	c-2-Pentene	1.14	3.42	ND	3.28	9.83	ND	ND
75-83-2	2,2-Dimethylbutane	0.95	2.85	ND	3.36	10.07	ND	ND
287-92-3	Cyclopentane	1.14	3.42	ND	3.28	9.83	ND	ND
79-29-8	2,3-Dimethylbutane	0.95	2.85	ND	3.36	10.07	ND	ND
107-83-5	2-Methylpentane	0.95	2.85	1.63	3.36	10.07	5.77	J
96-14-0	3-Methylpentane	0.95	2.85	3.52	3.36	10.07	12.45	
110-54-3	n-Hexane	0.95	2.85	2.61	3.36	10.07	9.22	J
96-37-7	Methylcyclopentane	0.95	2.85	ND	3.28	9.84	ND	ND
108-08-7	2,4-Dimethylpentane	0.81	2.44	1.13	3.35	10.04	4.62	J
71-43-2	Benzene	0.95	2.85	10.14	3.04	9.13	32.47	
110-82-7	Cyclohexane	0.95	2.85	1.59	3.28	9.84	5.47	J
591-76-4	2-Methylhexane	0.81	2.44	1.54	3.35	10.04	6.32	J
565-59-3	2,3-Dimethylpentane	0.81	2.44	1.12	3.35	10.04	4.59	J
589-34-4	3-Methylhexane	0.81	2.44	1.81	3.35	10.04	7.44	J
540-84-1	2,2,4-Trimethylpentane	0.71	2.14	8.09	3.34	10.01	37.88	
142-82-5	n-Heptane	0.81	2.44	3.58	3.35	10.04	14.70	
108-87-2	Methylcyclohexane	0.81	2.44	7.12	3.28	9.84	28.67	
565-75-3	2,3,4-Trimethylpentane	0.71	2.14	3.62	3.34	10.01	16.93	
108-88-3	Toluene	0.81	2.44	25.35	3.08	9.23	95.67	
592-27-8	2-Methylheptane	0.71	2.14	5.73	3.34	10.01	26.83	
589-81-1	3-Methylheptane	0.71	2.14	2.53	3.34	10.01	11.82	
111-65-9	n-Octane	0.71	2.14	6.44	3.34	10.01	30.15	
100-41-4	Ethylbenzene	0.71	2.14	21.74	3.10	9.31	94.64	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.71	2.14	30.41	3.10	9.31	132.38	
100-42-5	Styrene	0.71	2.14	3.77	3.04	9.13	16.10	
95-47-6	o-xylene	0.71	2.14	13.28	3.10	9.31	57.79	
111-84-2	n-Nonane	0.63	1.90	18.96	3.33	10.00	99.67	
98-82-8	i-Propylbenzene	0.63	1.90	7.53	3.12	9.37	37.10	
103-65-1	n-propylbenzene	0.63	1.90	56.35	3.12	9.37	277.60	
620-14-4	3-Ethyltoluene	0.63	1.90	8.37	3.12	9.37	41.24	
622-96-8	4-Ethyltoluene	0.63	1.90	49.76	3.12	9.37	245.14	
108-67-8	1,3,5-Trimethylbenzene	0.63	1.90	9.40	3.12	9.37	46.29	
611-14-3	2-Ethyltoluene	0.63	1.90	23.52	3.12	9.37	115.86	
95-63-6	1,2,4-Trimethylbenzene	0.63	1.90	37.94	3.12	9.37	186.88	
124-18-5	n-Decane	0.57	1.71	14.88	3.33	9.98	86.77	
526-73-8	1,2,3-Trimethylbenzene	0.63	1.90	9.74	3.12	9.37	47.99	
141-93-5	1,3-Diethylbenzene	0.57	1.71	ND	3.14	9.41	ND	ND
105-05-5	1,4-Diethylbenzene	0.57	1.71	ND	3.14	9.41	ND	ND
1120-21-4	Undecane	0.52	1.56	ND	3.32	9.96	ND	ND
112-40-3	Dodecane	0.48	1.43	ND	3.32	9.95	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	10.69	32.08	710.90	37.78	113.34	2,511.45	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	64.17	192.50	4,265.38	42.08	126.23	2,796.97	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 04

File Name: 2604904A
Description: T-104
Canister: 627
QC_Batch: 032626-GCK

Date Sampled: 03/16/26 **Time:** 11:19
Date Analyzed: 03/27/26 **Time:** 15:50
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	135.44	2.30	6.91	155.98	
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	133.87	2.47	7.40	165.15	
115-07-1	Propene	1.33	4.00	316.47	2.30	6.90	546.04	
74-98-6	Propane	1.33	4.00	666.19	2.41	7.23	1,204.05	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	339.28	2.38	7.14	807.86	
624-64-6	t-2-Butene	1.00	3.00	191.79	2.30	6.90	440.96	
590-18-1	c-2-Butene	1.00	3.00	2.51	2.30	6.90	5.78	J
78-78-4	i-Pentane	0.80	2.40	12.01	2.37	7.10	35.54	
109-67-1	1-Pentene	0.80	2.40	5.96	2.30	6.90	17.11	
109-66-0	n-Pentane	0.80	2.40	9.54	2.36	7.09	28.20	
646-04-8	t-2-Pentene	0.80	2.40	6.76	2.30	6.90	19.41	
627-20-3	c-2-Pentene	0.80	2.40	2.58	2.30	6.90	7.42	
75-83-2	2,2-Dimethylbutane	0.67	2.00	1.05	2.36	7.07	3.70	J
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	4.04	2.36	7.07	14.27	
96-14-0	3-Methylpentane	0.67	2.00	2.89	2.36	7.07	10.21	
110-54-3	n-Hexane	0.67	2.00	3.91	2.36	7.07	13.82	
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	3.35	2.35	7.04	13.75	
71-43-2	Benzene	0.67	2.00	6.77	2.13	6.40	21.66	
110-82-7	Cyclohexane	0.67	2.00	3.55	2.30	6.90	12.26	
591-76-4	2-Methylhexane	0.57	1.71	2.27	2.35	7.04	9.33	
565-59-3	2,3-Dimethylpentane	0.57	1.71	1.65	2.35	7.04	6.78	J
589-34-4	3-Methylhexane	0.57	1.71	3.92	2.35	7.04	16.12	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	13.14	2.34	7.02	61.49	
142-82-5	n-Heptane	0.57	1.71	5.09	2.35	7.04	20.91	
108-87-2	Methylcyclohexane	0.57	1.71	11.44	2.30	6.90	46.04	
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	2.22	2.34	7.02	10.39	
108-88-3	Toluene	0.57	1.71	19.36	2.16	6.47	73.06	
592-27-8	2-Methylheptane	0.50	1.50	4.09	2.34	7.02	19.13	
589-81-1	3-Methylheptane	0.50	1.50	2.38	2.34	7.02	11.15	
111-65-9	n-Octane	0.50	1.50	3.43	2.34	7.02	16.05	
100-41-4	Ethylbenzene	0.50	1.50	9.87	2.18	6.53	42.96	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	17.27	2.18	6.53	75.15	
100-42-5	Styrene	0.50	1.50	4.50	2.14	6.41	19.23	
95-47-6	o-xylene	0.50	1.50	17.10	2.18	6.53	74.43	
111-84-2	n-Nonane	0.44	1.33	6.14	2.34	7.01	32.26	
98-82-8	i-Propylbenzene	0.44	1.33	2.99	2.19	6.57	14.74	
103-65-1	n-propylbenzene	0.44	1.33	52.63	2.19	6.57	259.29	
620-14-4	3-Ethyltoluene	0.44	1.33	3.89	2.19	6.57	19.18	
622-96-8	4-Ethyltoluene	0.44	1.33	21.23	2.19	6.57	104.57	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	9.67	2.19	6.57	47.63	
611-14-3	2-Ethyltoluene	0.44	1.33	9.93	2.19	6.57	48.93	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	4.80	2.19	6.57	23.64	
124-18-5	n-Decane	0.40	1.20	6.90	2.33	7.00	40.26	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	4.68	2.19	6.57	23.07	
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	1,330.38	26.50	79.49	4,699.94	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	7,982.26	29.51	88.52	5,234.27	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 05

File Name: 2604905A
Description: T-105
Canister: 760
QC_Batch: 032626-GCK

Date Sampled: 03/16/26 **Time:** 12:34
Date Analyzed: 03/27/26 **Time:** 16:42
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.93	2.30	6.91	3.38	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	4.61	2.47	7.40	5.68	J
115-07-1	Propene	1.33	4.00	4.15	2.30	6.90	7.16	
74-98-6	Propane	1.33	4.00	3.13	2.41	7.23	5.65	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	1.32	2.30	6.90	3.03	J
106-97-8	n-Butane	1.00	3.00	1.25	2.38	7.14	2.98	J
624-64-6	t-2-Butene	1.00	3.00	3.24	2.30	6.90	7.45	
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	4.26	2.30	6.90	12.23	
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	0.68	2.36	7.07	2.39	J
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	30.74	2.13	6.40	98.40	
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	0.61	2.35	7.04	2.51	J
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	5.69	2.35	7.04	23.39	
108-87-2	Methylcyclohexane	0.57	1.71	0.79	2.30	6.90	3.16	J
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	0.77	2.34	7.02	3.60	J
108-88-3	Toluene	0.57	1.71	7.03	2.16	6.47	26.54	
592-27-8	2-Methylheptane	0.50	1.50	0.96	2.34	7.02	4.49	J
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	2.96	2.34	7.02	13.83	
100-41-4	Ethylbenzene	0.50	1.50	2.96	2.18	6.53	12.90	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	5.60	2.18	6.53	24.36	
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	1.79	2.18	6.53	7.81	
111-84-2	n-Nonane	0.44	1.33	2.02	2.34	7.01	10.62	
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	2.42	2.19	6.57	11.92	
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	1.84	2.19	6.57	9.05	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	0.76	2.19	6.57	3.72	J
611-14-3	2-Ethyltoluene	0.44	1.33	1.14	2.19	6.57	5.59	J
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	0.74	2.19	6.57	3.63	J
124-18-5	n-Decane	0.40	1.20	2.34	2.33	7.00	13.64	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	103.62	26.50	79.49	366.08	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	621.74	29.51	88.52	407.70	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 06

File Name: 2604906A
Description: T-106
Canister: 781
QC_Batch: 032626-GCK

Date Sampled: 03/16/26 **Time:** 12:37
Date Analyzed: 03/27/26 **Time:** 17:29
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.20	2.30	6.91	2.53	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	3.23	2.47	7.40	3.98	J
115-07-1	Propene	1.33	4.00	1.98	2.30	6.90	3.41	J
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	0.89	2.30	6.90	2.57	J
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	5.05	2.13	6.40	16.16	
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	1.16	2.35	7.04	4.76	J
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	0.77	2.16	6.47	2.91	J
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	0.77	2.34	7.02	3.60	J
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	1.08	2.19	6.57	5.30	J
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	0.59	2.19	6.57	2.88	J
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	0.47	2.19	6.57	2.33	J
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	1.31	2.33	7.00	7.65	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	0.62	2.19	6.57	3.06	J
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	22.58	26.50	79.49	79.78	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	135.49	29.51	88.52	88.85	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 07

File Name: 2604907B
Description: T-107
Canister: 712
QC_Batch: 032626-GCK

Date Sampled: 03/16/26 **Time:** 12:27
Date Analyzed: 03/27/26 **Time:** 19:43
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	3.80	2.30	6.91	4.37	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	8.03	2.47	7.40	9.90	
115-07-1	Propene	1.33	4.00	12.10	2.30	6.90	20.88	
74-98-6	Propane	1.33	4.00	4.67	2.41	7.23	8.44	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	2.57	2.38	7.14	6.13	J
624-64-6	t-2-Butene	1.00	3.00	18.10	2.30	6.90	41.62	
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	1.40	2.30	6.90	4.02	J
109-66-0	n-Pentane	0.80	2.40	1.75	2.36	7.09	5.18	J
646-04-8	t-2-Pentene	0.80	2.40	7.80	2.30	6.90	22.42	
627-20-3	c-2-Pentene	0.80	2.40	1.14	2.30	6.90	3.28	J
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	1.03	2.36	7.07	3.65	J
96-37-7	Methylcyclopentane	0.67	2.00	0.76	2.30	6.90	2.63	J
108-08-7	2,4-Dimethylpentane	0.57	1.71	0.62	2.35	7.04	2.55	J
71-43-2	Benzene	0.67	2.00	70.87	2.13	6.40	226.85	
110-82-7	Cyclohexane	0.67	2.00	0.99	2.30	6.90	3.41	J
591-76-4	2-Methylhexane	0.57	1.71	0.85	2.35	7.04	3.48	J
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	2.20	2.35	7.04	9.02	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	0.95	2.34	7.02	4.47	J
142-82-5	n-Heptane	0.57	1.71	8.13	2.35	7.04	33.38	
108-87-2	Methylcyclohexane	0.57	1.71	1.19	2.30	6.90	4.80	J
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	2.34	2.34	7.02	10.95	
108-88-3	Toluene	0.57	1.71	15.69	2.16	6.47	59.21	
592-27-8	2-Methylheptane	0.50	1.50	1.31	2.34	7.02	6.11	J
589-81-1	3-Methylheptane	0.50	1.50	0.70	2.34	7.02	3.26	J
111-65-9	n-Octane	0.50	1.50	4.16	2.34	7.02	19.49	
100-41-4	Ethylbenzene	0.50	1.50	3.17	2.18	6.53	13.80	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	7.94	2.18	6.53	34.57	
100-42-5	Styrene	0.50	1.50	0.57	2.14	6.41	2.44	J
95-47-6	o-xylene	0.50	1.50	2.41	2.18	6.53	10.49	
111-84-2	n-Nonane	0.44	1.33	2.47	2.34	7.01	13.01	
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	4.03	2.19	6.57	19.84	
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	2.53	2.19	6.57	12.48	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	0.77	2.19	6.57	3.77	J
611-14-3	2-Ethyltoluene	0.44	1.33	0.53	2.19	6.57	2.63	J
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	1.16	2.19	6.57	5.70	J
124-18-5	n-Decane	0.40	1.20	1.50	2.33	7.00	8.75	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	197.51	26.50	79.49	697.76	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	1,185.06	29.51	88.52	777.09	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 08

File Name: 2604908A
Description: T-108
Canister: 880
QC_Batch: 032726-GCK

Date Sampled: 03/16/26 **Time:** 12:41
Date Analyzed: 03/27/26 **Time:** 12:28
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.50	2.30	6.91	2.88	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	3.08	2.47	7.40	3.81	J
115-07-1	Propene	1.33	4.00	2.82	2.30	6.90	4.86	J
74-98-6	Propane	1.33	4.00	2.27	2.41	7.23	4.11	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	1.49	2.38	7.14	3.55	J
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	4.81	2.37	7.10	14.24	
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	0.99	2.30	6.90	2.85	J
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	7.92	2.13	6.40	25.35	
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	1.61	2.35	7.04	6.60	J
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	1.37	2.16	6.47	5.15	J
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	0.71	2.34	7.02	3.33	J
100-41-4	Ethylbenzene	0.50	1.50	0.76	2.18	6.53	3.31	J

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	1.09	2.18	6.53	4.76	J
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	0.59	2.34	7.01	3.10	J
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	1.61	2.19	6.57	7.92	
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	1.31	2.19	6.57	6.45	J
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	0.61	2.19	6.57	3.01	J
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	0.47	2.19	6.57	2.30	J
124-18-5	n-Decane	0.40	1.20	1.18	2.33	7.00	6.90	J
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	1.04	2.19	6.57	5.10	J
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	38.29	26.50	79.49	135.27	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	229.74	29.51	88.52	150.65	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 09

File Name: 2604909A
Description: T-109
Canister: 710
QC_Batch: 032726-GCK

Date Sampled: 03/16/26 **Time:** 13:43
Date Analyzed: 03/27/26 **Time:** 13:24
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	3.08	2.47	7.40	3.80	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	1.59	2.41	7.23	2.88	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	0.77	2.13	6.40	2.48	J
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	0.96	2.16	6.47	3.63	J
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	0.55	2.18	6.53	2.41	J

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	1.70	2.18	6.53	7.38	
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	9.60	26.50	79.49	33.93	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	57.62	29.51	88.52	37.78	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 10

File Name: 2604910A
Description: T-110
Canister: 618
QC_Batch: 032726-GCK

Date Sampled: 03/16/26 **Time:** 13:51
Date Analyzed: 03/27/26 **Time:** 16:28
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.79	2.47	7.40	3.45	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	2.25	2.41	7.23	4.07	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	2.55	2.38	7.14	6.06	J
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	4.59	2.37	7.10	13.57	
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	1.77	2.18	6.53	7.69	
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	0.51	2.18	6.53	2.23	J
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	15.84	26.50	79.49	55.97	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	95.06	29.51	88.52	62.33	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 11

File Name: 2604911A
Description: T-111
Canister: 856
QC_Batch: 032726-GCK

Date Sampled: 03/16/26 **Time:** 14:04
Date Analyzed: 03/27/26 **Time:** 17:16
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.62	2.30	6.91	3.01	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.75	2.47	7.40	3.39	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	1.47	2.41	7.23	2.66	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	9.93	2.38	7.14	23.65	
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	4.50	2.37	7.10	13.33	
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	1.10	2.30	6.90	3.15	J
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	1.00	2.13	6.40	3.21	J
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	0.58	2.19	6.57	2.86	J
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	17.80	26.50	79.49	62.89	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	106.80	29.51	88.52	70.04	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 12

File Name: 2604912A
Description: T-112
Canister: 679
QC_Batch: 032726-GCK

Date Sampled: 03/16/26 **Time:** 12:57
Date Analyzed: 03/27/26 **Time:** 18:04
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	3.47	2.30	6.91	4.00	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	ND	2.47	7.40	ND	ND
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	2.05	2.30	6.90	4.72	J
106-97-8	n-Butane	1.00	3.00	2.62	2.38	7.14	6.24	J
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	4.71	2.30	6.90	13.53	
109-66-0	n-Pentane	0.80	2.40	1.45	2.36	7.09	4.30	J
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	0.68	2.36	7.07	2.39	J
287-92-3	Cyclopentane	0.80	2.40	1.64	2.30	6.90	4.72	J
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	2.15	2.35	7.04	8.81	
565-59-3	2,3-Dimethylpentane	0.57	1.71	5.95	2.35	7.04	24.42	
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	3.51	2.34	7.02	16.42	
108-88-3	Toluene	0.57	1.71	0.97	2.16	6.47	3.65	J
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	1.52	2.34	7.02	7.10	
100-41-4	Ethylbenzene	0.50	1.50	2.71	2.18	6.53	11.79	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	2.91	2.14	6.41	12.42	
95-47-6	o-xylene	0.50	1.50	1.50	2.18	6.53	6.53	
111-84-2	n-Nonane	0.44	1.33	0.77	2.34	7.01	4.03	J
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	25.04	2.19	6.57	123.33	
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	6.22	2.19	6.57	30.62	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	0.57	2.19	6.57	2.81	J
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	15.26	2.33	7.00	88.99	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	359.13	26.50	79.49	1,268.72	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	2,154.76	29.51	88.52	1,412.96	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 13

File Name: 2604913A
Description: T-113
Canister: 690
QC_Batch: 032726-GCK

Date Sampled: 03/16/26 **Time:** 13:01
Date Analyzed: 03/27/26 **Time:** 19:07
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	15.66	2.30	6.91	18.04	
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	13.04	2.47	7.40	16.08	
115-07-1	Propene	1.33	4.00	141.73	2.30	6.90	244.54	
74-98-6	Propane	1.33	4.00	30.10	2.41	7.23	54.40	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	338.24	2.38	7.14	805.40	
624-64-6	t-2-Butene	1.00	3.00	10.04	2.30	6.90	23.08	
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	15.08	2.37	7.10	44.61	
109-67-1	1-Pentene	0.80	2.40	2.58	2.30	6.90	7.42	
109-66-0	n-Pentane	0.80	2.40	2.96	2.36	7.09	8.75	
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	8.61	2.30	6.90	24.74	
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	0.93	2.36	7.07	3.28	J
96-14-0	3-Methylpentane	0.67	2.00	4.51	2.36	7.07	15.93	
110-54-3	n-Hexane	0.67	2.00	1.26	2.36	7.07	4.44	J
96-37-7	Methylcyclopentane	0.67	2.00	1.21	2.30	6.90	4.17	J
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	2.48	2.13	6.40	7.94	
110-82-7	Cyclohexane	0.67	2.00	5.33	2.30	6.90	18.38	
591-76-4	2-Methylhexane	0.57	1.71	3.79	2.35	7.04	15.58	
565-59-3	2,3-Dimethylpentane	0.57	1.71	1.98	2.35	7.04	8.12	
589-34-4	3-Methylhexane	0.57	1.71	5.32	2.35	7.04	21.86	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	2.41	2.34	7.02	11.27	
142-82-5	n-Heptane	0.57	1.71	2.41	2.35	7.04	9.90	
108-87-2	Methylcyclohexane	0.57	1.71	1.65	2.30	6.90	6.64	J
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	1.91	2.34	7.02	8.93	
108-88-3	Toluene	0.57	1.71	4.17	2.16	6.47	15.75	
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	1.30	2.34	7.02	6.08	J
100-41-4	Ethylbenzene	0.50	1.50	1.29	2.18	6.53	5.62	J

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	0.65	2.18	6.53	2.81	J
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	1.50	2.18	6.53	6.53	
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	2.20	2.19	6.57	10.86	
103-65-1	n-propylbenzene	0.44	1.33	29.55	2.19	6.57	145.56	
620-14-4	3-Ethyltoluene	0.44	1.33	0.47	2.19	6.57	2.32	J
622-96-8	4-Ethyltoluene	0.44	1.33	8.04	2.19	6.57	39.61	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	1.09	2.19	6.57	5.35	J
611-14-3	2-Ethyltoluene	0.44	1.33	2.03	2.19	6.57	10.01	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	17.59	2.19	6.57	86.67	
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	496.77	26.50	79.49	1,754.98	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	2,980.61	29.51	88.52	1,954.50	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 14

File Name: 2604914A
Description: T-114
Canister: 539
QC_Batch: 032526-GCK

Date Sampled: 03/16/26 **Time:** 14:30
Date Analyzed: 03/25/26 **Time:** 13:42
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	3.25	2.30	6.91	3.75	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.83	2.47	7.40	3.50	J
115-07-1	Propene	1.33	4.00	1.61	2.30	6.90	2.78	J
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	1.47	2.38	7.14	3.49	J
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	1.15	2.36	7.07	4.06	J
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 15

File Name: 2604915A
Description: T-201
Canister: 508
QC_Batch: 032726-GCK

Date Sampled: 03/17/26 **Time:** 10:20
Date Analyzed: 03/27/26 **Time:** 19:56
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.75	2.30	6.91	3.16	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	6.08	2.47	7.40	7.50	
115-07-1	Propene	1.33	4.00	4.69	2.30	6.90	8.10	
74-98-6	Propane	1.33	4.00	9.62	2.41	7.23	17.39	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	1.98	2.30	6.90	4.55	J
106-97-8	n-Butane	1.00	3.00	5.45	2.38	7.14	12.97	
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	5.83	2.37	7.10	17.25	
109-67-1	1-Pentene	0.80	2.40	2.36	2.30	6.90	6.78	J
109-66-0	n-Pentane	0.80	2.40	3.60	2.36	7.09	10.64	
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	0.94	2.36	7.07	3.30	J
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	0.85	2.36	7.07	2.99	J
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	0.96	2.34	7.02	4.48	J
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	1.30	2.19	6.57	6.41	J
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	2.16	2.19	6.57	10.64	
124-18-5	n-Decane	0.40	1.20	2.57	2.33	7.00	14.97	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	0.79	2.33	6.99	5.05	J
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	43.08	26.50	79.49	152.19	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	258.47	29.51	88.52	169.49	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 16

File Name: 2604916A
Description: T-202
Canister: 882
QC_Batch: 033026-GCK

Date Sampled: 03/17/26 **Time:** 10:14
Date Analyzed: 03/30/26 **Time:** 11:29
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	3.44	2.30	6.91	3.97	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.46	2.47	7.40	3.04	J
115-07-1	Propene	1.33	4.00	2.25	2.30	6.90	3.88	J
74-98-6	Propane	1.33	4.00	1.53	2.41	7.23	2.77	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	1.26	2.30	6.90	2.90	J
106-97-8	n-Butane	1.00	3.00	8.36	2.38	7.14	19.91	
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	3.71	2.37	7.10	10.97	
109-67-1	1-Pentene	0.80	2.40	0.89	2.30	6.90	2.56	J
109-66-0	n-Pentane	0.80	2.40	0.96	2.36	7.09	2.83	J
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	2.63	2.30	6.90	7.54	
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	2.83	2.30	6.90	9.77	
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	0.56	2.34	7.02	2.61	J
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	21.72	26.50	79.49	76.73	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	130.32	29.51	88.52	85.46	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 17

File Name: 2604917A
Description: T-203
Canister: 699
QC_Batch: 033026-GCK

Date Sampled: 03/17/26 **Time:** 10:24
Date Analyzed: 03/30/26 **Time:** 12:25
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	88.66	2.30	6.91	102.11	
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	139.84	2.47	7.40	172.51	
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	1.94	2.41	7.23	3.52	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	19.46	2.30	6.90	44.75	
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	8.74	2.30	6.90	20.09	
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	10.30	2.37	7.10	30.47	
109-67-1	1-Pentene	0.80	2.40	10.53	2.30	6.90	30.27	
109-66-0	n-Pentane	0.80	2.40	12.05	2.36	7.09	35.60	
646-04-8	t-2-Pentene	0.80	2.40	6.30	2.30	6.90	18.11	
627-20-3	c-2-Pentene	0.80	2.40	16.85	2.30	6.90	48.41	
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	10.92	2.30	6.90	31.39	
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	1.33	2.36	7.07	4.68	J
96-37-7	Methylcyclopentane	0.67	2.00	3.18	2.30	6.90	10.99	
108-08-7	2,4-Dimethylpentane	0.57	1.71	4.74	2.35	7.04	19.46	
71-43-2	Benzene	0.67	2.00	16.42	2.13	6.40	52.55	
110-82-7	Cyclohexane	0.67	2.00	50.20	2.30	6.90	173.22	
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	47.52	2.35	7.04	195.14	
589-34-4	3-Methylhexane	0.57	1.71	2.25	2.35	7.04	9.24	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	35.03	2.34	7.02	163.95	
142-82-5	n-Heptane	0.57	1.71	118.28	2.35	7.04	485.72	
108-87-2	Methylcyclohexane	0.57	1.71	48.20	2.30	6.90	193.99	
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	24.46	2.34	7.02	114.48	
108-88-3	Toluene	0.57	1.71	159.98	2.16	6.47	603.87	
592-27-8	2-Methylheptane	0.50	1.50	26.98	2.34	7.02	126.29	
589-81-1	3-Methylheptane	0.50	1.50	15.96	2.34	7.02	74.68	
111-65-9	n-Octane	0.50	1.50	34.73	2.34	7.02	162.54	
100-41-4	Ethylbenzene	0.50	1.50	17.55	2.18	6.53	76.38	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	31.44	2.18	6.53	136.83	
100-42-5	Styrene	0.50	1.50	1.45	2.14	6.41	6.18	J
95-47-6	o-xylene	0.50	1.50	35.04	2.18	6.53	152.52	
111-84-2	n-Nonane	0.44	1.33	10.88	2.34	7.01	57.21	
98-82-8	i-Propylbenzene	0.44	1.33	2.94	2.19	6.57	14.50	
103-65-1	n-propylbenzene	0.44	1.33	225.53	2.19	6.57	1,111.00	
620-14-4	3-Ethyltoluene	0.44	1.33	1.62	2.19	6.57	7.98	
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	11.91	2.19	6.57	58.66	
611-14-3	2-Ethyltoluene	0.44	1.33	3.39	2.19	6.57	16.72	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	28.81	2.19	6.57	141.94	
124-18-5	n-Decane	0.40	1.20	3.59	2.33	7.00	20.93	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	0.43	2.33	6.99	2.76	J
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	1,398.57	26.50	79.49	4,940.86	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	8,391.44	29.51	88.52	5,502.59	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 18

File Name: 2604918A
Description: T-204
Canister: 726
QC_Batch: 033026-GCK

Date Sampled: 03/17/26 **Time:** 10:10
Date Analyzed: 03/30/26 **Time:** 13:32
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	650.80	2.30	6.91	749.49	
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	735.88	2.47	7.40	907.79	
115-07-1	Propene	1.33	4.00	10.72	2.30	6.90	18.50	
74-98-6	Propane	1.33	4.00	4.34	2.41	7.23	7.84	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	41.20	2.30	6.90	94.72	
106-97-8	n-Butane	1.00	3.00	7.32	2.38	7.14	17.43	
624-64-6	t-2-Butene	1.00	3.00	18.59	2.30	6.90	42.74	
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	7.23	2.37	7.10	21.40	
109-67-1	1-Pentene	0.80	2.40	94.56	2.30	6.90	271.68	
109-66-0	n-Pentane	0.80	2.40	12.26	2.36	7.09	36.24	
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	31.39	2.30	6.90	90.17	
75-83-2	2,2-Dimethylbutane	0.67	2.00	6.61	2.36	7.07	23.35	
287-92-3	Cyclopentane	0.80	2.40	18.08	2.30	6.90	51.96	
79-29-8	2,3-Dimethylbutane	0.67	2.00	43.30	2.36	7.07	152.97	
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	25.06	2.36	7.07	88.53	
110-54-3	n-Hexane	0.67	2.00	48.71	2.36	7.07	172.09	
96-37-7	Methylcyclopentane	0.67	2.00	2.75	2.30	6.90	9.50	
108-08-7	2,4-Dimethylpentane	0.57	1.71	30.26	2.35	7.04	124.26	
71-43-2	Benzene	0.67	2.00	27.35	2.13	6.40	87.55	
110-82-7	Cyclohexane	0.67	2.00	100.67	2.30	6.90	347.38	
591-76-4	2-Methylhexane	0.57	1.71	91.44	2.35	7.04	375.50	
565-59-3	2,3-Dimethylpentane	0.57	1.71	37.26	2.35	7.04	153.01	
589-34-4	3-Methylhexane	0.57	1.71	122.74	2.35	7.04	504.04	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	52.09	2.34	7.02	243.82	
142-82-5	n-Heptane	0.57	1.71	243.33	2.35	7.04	999.27	
108-87-2	Methylcyclohexane	0.57	1.71	68.25	2.30	6.90	274.69	
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	34.45	2.34	7.02	161.25	
108-88-3	Toluene	0.57	1.71	275.72	2.16	6.47	1,040.72	
592-27-8	2-Methylheptane	0.50	1.50	22.66	2.34	7.02	106.05	
589-81-1	3-Methylheptane	0.50	1.50	24.11	2.34	7.02	112.86	
111-65-9	n-Octane	0.50	1.50	45.11	2.34	7.02	211.12	
100-41-4	Ethylbenzene	0.50	1.50	21.25	2.18	6.53	92.49	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	52.01	2.18	6.53	226.37	
100-42-5	Styrene	0.50	1.50	2.02	2.14	6.41	8.64	
95-47-6	o-xylene	0.50	1.50	20.11	2.18	6.53	87.54	
111-84-2	n-Nonane	0.44	1.33	13.04	2.34	7.01	68.58	
98-82-8	i-Propylbenzene	0.44	1.33	3.15	2.19	6.57	15.52	
103-65-1	n-propylbenzene	0.44	1.33	236.77	2.19	6.57	1,166.39	
620-14-4	3-Ethyltoluene	0.44	1.33	1.81	2.19	6.57	8.91	
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	5.85	2.19	6.57	28.80	
611-14-3	2-Ethyltoluene	0.44	1.33	2.22	2.19	6.57	10.91	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	3.17	2.19	6.57	15.62	
124-18-5	n-Decane	0.40	1.20	17.67	2.33	7.00	103.07	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	0.69	2.20	6.60	3.81	J
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	2,713.77	26.50	79.49	9,587.18	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	16,282.64	29.51	88.52	10,677.14	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 19

File Name: 2604919A
Description: T-205
Canister: 786
QC_Batch: 033026-GCK

Date Sampled: 03/17/26 **Time:** 11:20
Date Analyzed: 03/30/26 **Time:** 14:18
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.90	2.30	6.91	3.34	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	ND	2.47	7.40	ND	ND
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	1.43	2.41	7.23	2.59	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	1.02	2.38	7.14	2.42	J
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	8.53	2.37	7.10	25.25	
109-67-1	1-Pentene	0.80	2.40	7.04	2.30	6.90	20.23	
109-66-0	n-Pentane	0.80	2.40	2.91	2.36	7.09	8.60	
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	0.80	2.36	7.07	2.81	J
287-92-3	Cyclopentane	0.80	2.40	6.91	2.30	6.90	19.84	
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	2.14	2.36	7.07	7.57	
96-14-0	3-Methylpentane	0.67	2.00	0.87	2.36	7.07	3.08	J
110-54-3	n-Hexane	0.67	2.00	1.30	2.36	7.07	4.58	J
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	1.01	2.35	7.04	4.13	J
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	3.24	2.30	6.90	11.20	
591-76-4	2-Methylhexane	0.57	1.71	1.45	2.35	7.04	5.95	J
565-59-3	2,3-Dimethylpentane	0.57	1.71	1.58	2.35	7.04	6.47	J
589-34-4	3-Methylhexane	0.57	1.71	2.88	2.35	7.04	11.82	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	1.44	2.34	7.02	6.74	J
142-82-5	n-Heptane	0.57	1.71	2.94	2.35	7.04	12.09	
108-87-2	Methylcyclohexane	0.57	1.71	1.37	2.30	6.90	5.52	J
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	0.64	2.34	7.02	2.97	J
108-88-3	Toluene	0.57	1.71	2.19	2.16	6.47	8.26	
592-27-8	2-Methylheptane	0.50	1.50	0.53	2.34	7.02	2.50	J
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	0.70	2.18	6.53	3.05	J
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	3.32	2.19	6.57	16.38	
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	60.08	26.50	79.49	212.25	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	360.47	29.51	88.52	236.38	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 20

File Name: 2604920A
Description: T-206
Canister: 547
QC_Batch: 033026-GCK

Date Sampled: 03/17/26 **Time:** 11:33
Date Analyzed: 03/30/26 **Time:** 15:03
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	4.01	2.30	6.91	4.61	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	ND	2.47	7.40	ND	ND
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	2.30	2.30	6.90	5.28	J
106-97-8	n-Butane	1.00	3.00	1.74	2.38	7.14	4.14	J
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	1.13	2.37	7.10	3.34	J
109-67-1	1-Pentene	0.80	2.40	2.74	2.30	6.90	7.86	
109-66-0	n-Pentane	0.80	2.40	1.31	2.36	7.09	3.86	J
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	1.79	2.30	6.90	5.15	J
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	0.68	2.36	7.07	2.42	J
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	1.47	2.30	6.90	5.09	J
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	0.72	2.35	7.04	2.97	J
589-34-4	3-Methylhexane	0.57	1.71	0.73	2.35	7.04	2.98	J
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	0.71	2.34	7.02	3.32	J
142-82-5	n-Heptane	0.57	1.71	1.16	2.35	7.04	4.78	J
108-87-2	Methylcyclohexane	0.57	1.71	0.93	2.30	6.90	3.73	J
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	0.74	2.34	7.02	3.49	J
108-88-3	Toluene	0.57	1.71	1.49	2.16	6.47	5.64	J
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	0.51	2.34	7.02	2.37	J
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	1.12	2.18	6.53	4.88	J
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	1.80	2.19	6.57	8.88	
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	0.82	2.19	6.57	4.04	J
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	28.45	26.50	79.49	100.51	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	170.71	29.51	88.52	111.94	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 21

File Name: 2604921A
Description: T-207
Canister: 762
QC_Batch: 033026-GCK

Date Sampled: 03/17/26 **Time:** 11:26
Date Analyzed: 03/30/26 **Time:** 15:48
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.32	2.30	6.91	2.67	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	11.09	2.47	7.40	13.68	
115-07-1	Propene	1.33	4.00	2.12	2.30	6.90	3.66	J
74-98-6	Propane	1.33	4.00	4.16	2.41	7.23	7.51	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	1.17	2.30	6.90	3.36	J
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	1.15	2.35	7.04	4.74	J
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	0.83	2.34	7.02	3.88	J
142-82-5	n-Heptane	0.57	1.71	0.80	2.35	7.04	3.27	J
108-87-2	Methylcyclohexane	0.57	1.71	2.28	2.30	6.90	9.18	
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	1.22	2.19	6.57	6.03	J
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	21.22	26.50	79.49	74.98	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	127.35	29.51	88.52	83.51	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 22

File Name: 2604922A
Description: T-208
Canister: 657
QC_Batch: 033026-GCK

Date Sampled: 03/17/26 **Time:** 11:27
Date Analyzed: 03/30/26 **Time:** 17:07
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	8.86	2.30	6.91	10.21	
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	3.58	2.47	7.40	4.41	J
115-07-1	Propene	1.33	4.00	5.50	2.30	6.90	9.49	
74-98-6	Propane	1.33	4.00	14.53	2.41	7.23	26.26	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	10.79	2.30	6.90	24.81	
106-97-8	n-Butane	1.00	3.00	5.69	2.38	7.14	13.56	
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	3.47	2.30	6.90	9.97	
109-66-0	n-Pentane	0.80	2.40	1.53	2.36	7.09	4.52	J
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	1.59	2.30	6.90	4.56	J
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	1.65	2.36	7.07	5.84	J
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	0.76	2.30	6.90	2.63	J
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	13.68	2.34	7.02	64.05	
142-82-5	n-Heptane	0.57	1.71	0.62	2.35	7.04	2.54	J
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	6.61	2.16	6.47	24.96	
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	0.85	2.34	7.02	3.96	J
100-41-4	Ethylbenzene	0.50	1.50	1.36	2.18	6.53	5.90	J

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	2.03	2.18	6.53	8.82	
100-42-5	Styrene	0.50	1.50	1.24	2.14	6.41	5.29	J
95-47-6	o-xylene	0.50	1.50	2.38	2.18	6.53	10.37	
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	45.17	2.19	6.57	222.50	
620-14-4	3-Ethyltoluene	0.44	1.33	0.52	2.19	6.57	2.57	J
622-96-8	4-Ethyltoluene	0.44	1.33	8.05	2.19	6.57	39.67	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	0.84	2.19	6.57	4.14	J
611-14-3	2-Ethyltoluene	0.44	1.33	0.55	2.19	6.57	2.72	J
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	54.76	2.19	6.57	269.75	
124-18-5	n-Decane	0.40	1.20	21.73	2.33	7.00	126.76	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	1.45	2.33	6.99	9.27	
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	277.01	26.50	79.49	978.60	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	1,662.04	29.51	88.52	1,089.86	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 23

File Name: 2604923A
Description: T-209
Canister: 645
QC_Batch: 033026-GCK

Date Sampled: 03/17/26 **Time:** 12:38
Date Analyzed: 03/30/26 **Time:** 17:52
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.91	2.47	7.40	3.59	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	0.50	2.19	6.57	2.45	J
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 24

File Name: 2604924A
Description: T-210
Canister: 647
QC_Batch: 033026-GCK

Date Sampled: 03/17/26 **Time:** 12:41
Date Analyzed: 03/30/26 **Time:** 18:37
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.09	2.47	7.40	2.57	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	1.49	2.41	7.23	2.69	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 25

File Name: 2604925A
Description: T-211
Canister: 823
QC_Batch: 033026-GCK

Date Sampled: 03/17/26 **Time:** 12:35
Date Analyzed: 03/30/26 **Time:** 19:19
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.03	2.47	7.40	2.51	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	1.45	2.41	7.23	2.62	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	0.90	2.16	6.47	3.38	J
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 26

File Name:	2604926A	**Date Sampled:**	03/17/26	**Time:**	12:40
Description:	T-212	**Date Analyzed:**	03/31/26	**Time:**	11:16
Canister:	503	**Can Factor:**	1.00		
QC_Batch:	033126-GCK	**Air Volume:**	200 ml		

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.05	2.30	6.91	2.37	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	3.35	2.47	7.40	4.14	J
115-07-1	Propene	1.33	4.00	1.57	2.30	6.90	2.71	J
74-98-6	Propane	1.33	4.00	1.70	2.41	7.23	3.07	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 27

File Name: 2604927A
Description: T-213
Canister: 534
QC_Batch: 041626-GCK

Date Sampled: 03/17/26 **Time:** 12:31
Date Analyzed: 04/16/26 **Time:** 19:05
Can Factor: 1.36
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.72	8.15	ND	3.13	9.38	ND	ND
74-86-2	Acetylene	2.72	8.15	ND	2.89	8.68	ND	ND
74-84-0	Ethane	2.72	8.15	3.98	3.35	10.05	4.91	J
115-07-1	Propene	1.81	5.43	ND	3.12	9.37	ND	ND
74-98-6	Propane	1.81	5.43	ND	3.27	9.81	ND	ND
75-28-5	i-Butane	1.36	4.07	ND	3.23	9.70	ND	ND
106-98-9	1-Butene	1.36	4.07	ND	3.12	9.36	ND	ND
106-97-8	n-Butane	1.36	4.07	ND	3.23	9.70	ND	ND
624-64-6	t-2-Butene	1.36	4.07	1.87	3.12	9.36	4.30	J
590-18-1	c-2-Butene	1.36	4.07	ND	3.12	9.36	ND	ND
78-78-4	i-Pentane	1.09	3.26	ND	3.21	9.64	ND	ND
109-67-1	1-Pentene	1.09	3.26	ND	3.12	9.36	ND	ND
109-66-0	n-Pentane	1.09	3.26	ND	3.21	9.63	ND	ND
646-04-8	t-2-Pentene	1.09	3.26	2.36	3.12	9.36	6.78	J
627-20-3	c-2-Pentene	1.09	3.26	ND	3.12	9.36	ND	ND
75-83-2	2,2-Dimethylbutane	0.91	2.72	ND	3.20	9.59	ND	ND
287-92-3	Cyclopentane	1.09	3.26	ND	3.12	9.36	ND	ND
79-29-8	2,3-Dimethylbutane	0.91	2.72	ND	3.20	9.59	ND	ND
107-83-5	2-Methylpentane	0.91	2.72	ND	3.20	9.59	ND	ND
96-14-0	3-Methylpentane	0.91	2.72	1.31	3.20	9.59	4.62	J
110-54-3	n-Hexane	0.91	2.72	1.49	3.20	9.59	5.27	J
96-37-7	Methylcyclopentane	0.91	2.72	ND	3.12	9.37	ND	ND
108-08-7	2,4-Dimethylpentane	0.78	2.33	ND	3.19	9.56	ND	ND
71-43-2	Benzene	0.91	2.72	ND	2.90	8.69	ND	ND
110-82-7	Cyclohexane	0.91	2.72	ND	3.12	9.37	ND	ND
591-76-4	2-Methylhexane	0.78	2.33	ND	3.19	9.56	ND	ND
565-59-3	2,3-Dimethylpentane	0.78	2.33	ND	3.19	9.56	ND	ND
589-34-4	3-Methylhexane	0.78	2.33	ND	3.19	9.56	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.68	2.04	ND	3.18	9.53	ND	ND
142-82-5	n-Heptane	0.78	2.33	ND	3.19	9.56	ND	ND
108-87-2	Methylcyclohexane	0.78	2.33	ND	3.12	9.37	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.68	2.04	ND	3.18	9.53	ND	ND
108-88-3	Toluene	0.78	2.33	ND	2.93	8.78	ND	ND
592-27-8	2-Methylheptane	0.68	2.04	ND	3.18	9.53	ND	ND
589-81-1	3-Methylheptane	0.68	2.04	ND	3.18	9.53	ND	ND
111-65-9	n-Octane	0.68	2.04	ND	3.18	9.53	ND	ND
100-41-4	Ethylbenzene	0.68	2.04	ND	2.95	8.86	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.68	2.04	ND	2.95	8.86	ND	ND
100-42-5	Styrene	0.68	2.04	ND	2.90	8.70	ND	ND
95-47-6	o-xylene	0.68	2.04	ND	2.95	8.86	ND	ND
111-84-2	n-Nonane	0.60	1.81	ND	3.17	9.52	ND	ND
98-82-8	i-Propylbenzene	0.60	1.81	ND	2.97	8.92	ND	ND
103-65-1	n-propylbenzene	0.60	1.81	ND	2.97	8.92	ND	ND
620-14-4	3-Ethyltoluene	0.60	1.81	ND	2.97	8.92	ND	ND
622-96-8	4-Ethyltoluene	0.60	1.81	ND	2.97	8.92	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.60	1.81	ND	2.97	8.92	ND	ND
611-14-3	2-Ethyltoluene	0.60	1.81	ND	2.97	8.92	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.60	1.81	ND	2.97	8.92	ND	ND
124-18-5	n-Decane	0.54	1.63	ND	3.17	9.50	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.60	1.81	ND	2.97	8.92	ND	ND
141-93-5	1,3-Diethylbenzene	0.54	1.63	ND	2.99	8.96	ND	ND
105-05-5	1,4-Diethylbenzene	0.54	1.63	ND	2.99	8.96	ND	ND
1120-21-4	Undecane	0.49	1.48	ND	3.16	9.49	ND	ND
112-40-3	Dodecane	0.45	1.36	ND	3.16	9.48	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	10.18	30.55	12.39	35.97	107.91	43.77	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	61.09	183.28	74.33	40.06	120.18	48.74	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 28

File Name: 2604928A
Description: T-214
Canister: 900
QC_Batch: 032526-GCK

Date Sampled: 03/17/26 **Time:** 13:09
Date Analyzed: 03/25/26 **Time:** 17:14
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.89	2.30	6.91	3.33	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	5.06	2.47	7.40	6.24	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	1.22	2.30	6.90	2.81	J
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	3.28	2.36	7.09	9.71	
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	1.18	2.36	7.07	4.19	J
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	9.06	26.50	79.49	31.99	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	54.34	29.51	88.52	35.63	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 29

File Name: 2604929A
Description: T-301
Canister: 766
QC_Batch: 033126-GCK

Date Sampled: 03/18/26 **Time:** 10:08
Date Analyzed: 03/31/26 **Time:** 13:21
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	5.39	2.47	7.40	6.64	J
115-07-1	Propene	1.33	4.00	6.77	2.30	6.90	11.68	
74-98-6	Propane	1.33	4.00	4.52	2.41	7.23	8.16	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	5.46	2.38	7.14	13.01	
624-64-6	t-2-Butene	1.00	3.00	18.69	2.30	6.90	42.98	
590-18-1	c-2-Butene	1.00	3.00	1.39	2.30	6.90	3.20	J
78-78-4	i-Pentane	0.80	2.40	2.14	2.37	7.10	6.32	J
109-67-1	1-Pentene	0.80	2.40	1.14	2.30	6.90	3.29	J
109-66-0	n-Pentane	0.80	2.40	1.06	2.36	7.09	3.12	J
646-04-8	t-2-Pentene	0.80	2.40	13.13	2.30	6.90	37.73	
627-20-3	c-2-Pentene	0.80	2.40	1.32	2.30	6.90	3.79	J
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	4.58	2.36	7.07	16.17	
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	2.90	2.36	7.07	10.24	
96-37-7	Methylcyclopentane	0.67	2.00	6.79	2.30	6.90	23.43	
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	7.40	2.13	6.40	23.69	
110-82-7	Cyclohexane	0.67	2.00	2.88	2.30	6.90	9.92	
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	3.12	2.35	7.04	12.80	
589-34-4	3-Methylhexane	0.57	1.71	2.78	2.35	7.04	11.40	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	1.41	2.35	7.04	5.81	J
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	0.89	2.34	7.02	4.15	J
108-88-3	Toluene	0.57	1.71	0.86	2.16	6.47	3.25	J
592-27-8	2-Methylheptane	0.50	1.50	1.45	2.34	7.02	6.80	J
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	0.54	2.34	7.02	2.55	J
100-41-4	Ethylbenzene	0.50	1.50	0.57	2.18	6.53	2.48	J

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	0.51	2.18	6.53	2.22	J
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	0.88	2.18	6.53	3.85	J
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	1.30	2.19	6.57	6.39	J
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	0.47	2.33	6.99	3.04	J
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	85.01	26.50	79.49	300.33	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	510.07	29.51	88.52	334.47	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 30

File Name: 2604930A
Description: T-302
Canister: 692
QC_Batch: 033126-GCK

Date Sampled: 03/18/26 **Time:** 10:13
Date Analyzed: 03/31/26 **Time:** 15:22
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	3.67	2.30	6.91	4.22	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	9.27	2.47	7.40	11.43	
115-07-1	Propene	1.33	4.00	6.92	2.30	6.90	11.94	
74-98-6	Propane	1.33	4.00	4.57	2.41	7.23	8.26	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	1.16	2.30	6.90	2.67	J
106-97-8	n-Butane	1.00	3.00	3.39	2.38	7.14	8.07	
624-64-6	t-2-Butene	1.00	3.00	1.75	2.30	6.90	4.03	J
590-18-1	c-2-Butene	1.00	3.00	1.46	2.30	6.90	3.35	J
78-78-4	i-Pentane	0.80	2.40	3.49	2.37	7.10	10.33	
109-67-1	1-Pentene	0.80	2.40	0.96	2.30	6.90	2.77	J
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	19.83	2.30	6.90	56.96	
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	2.65	2.36	7.07	9.36	
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	1.63	2.36	7.07	5.76	J
96-37-7	Methylcyclopentane	0.67	2.00	10.29	2.30	6.90	35.51	
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	11.16	2.13	6.40	35.72	
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	5.69	2.35	7.04	23.37	
589-34-4	3-Methylhexane	0.57	1.71	5.02	2.35	7.04	20.61	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	3.92	2.35	7.04	16.08	
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	1.43	2.16	6.47	5.40	J
592-27-8	2-Methylheptane	0.50	1.50	0.70	2.34	7.02	3.26	J
589-81-1	3-Methylheptane	0.50	1.50	0.55	2.34	7.02	2.57	J
111-65-9	n-Octane	0.50	1.50	1.18	2.34	7.02	5.51	J
100-41-4	Ethylbenzene	0.50	1.50	1.98	2.18	6.53	8.60	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	1.20	2.18	6.53	5.23	J
100-42-5	Styrene	0.50	1.50	1.69	2.14	6.41	7.21	
95-47-6	o-xylene	0.50	1.50	1.22	2.18	6.53	5.30	J
111-84-2	n-Nonane	0.44	1.33	0.72	2.34	7.01	3.76	J
98-82-8	i-Propylbenzene	0.44	1.33	0.71	2.19	6.57	3.52	J
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	2.42	2.19	6.57	11.92	
124-18-5	n-Decane	0.40	1.20	0.89	2.33	7.00	5.17	J
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	102.09	26.50	79.49	360.68	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	612.57	29.51	88.52	401.68	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 31

File Name: 2604931A
Description: T-303
Canister: 642
QC_Batch: 033126-GCK

Date Sampled: 03/18/26 **Time:** 10:14
Date Analyzed: 03/31/26 **Time:** 16:10
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.11	2.30	6.91	2.43	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	3.26	2.47	7.40	4.03	J
115-07-1	Propene	1.33	4.00	2.53	2.30	6.90	4.37	J
74-98-6	Propane	1.33	4.00	2.24	2.41	7.23	4.04	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	2.52	2.30	6.90	5.78	J
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	2.44	2.37	7.10	7.22	
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	6.62	2.30	6.90	19.03	
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	5.50	2.30	6.90	15.81	
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	3.30	2.36	7.07	11.64	
96-37-7	Methylcyclopentane	0.67	2.00	4.56	2.30	6.90	15.72	
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	4.84	2.13	6.40	15.50	
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	2.37	2.35	7.04	9.74	
565-59-3	2,3-Dimethylpentane	0.57	1.71	2.51	2.35	7.04	10.30	
589-34-4	3-Methylhexane	0.57	1.71	2.58	2.35	7.04	10.58	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	1.13	2.35	7.04	4.63	J
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	0.63	2.34	7.02	2.94	J
108-88-3	Toluene	0.57	1.71	0.58	2.16	6.47	2.21	J
592-27-8	2-Methylheptane	0.50	1.50	1.86	2.34	7.02	8.69	
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	0.59	2.34	7.02	2.74	J
100-41-4	Ethylbenzene	0.50	1.50	0.63	2.18	6.53	2.76	J

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	0.90	2.18	6.53	3.92	J
111-84-2	n-Nonane	0.44	1.33	0.64	2.34	7.01	3.35	J
98-82-8	i-Propylbenzene	0.44	1.33	0.46	2.19	6.57	2.27	J
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	0.67	2.33	7.00	3.93	J
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	52.82	26.50	79.49	186.62	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	316.94	29.51	88.52	207.83	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 32

File Name: 2604932A
Description: T-304
Canister: 684
QC_Batch: 033126-GCK

Date Sampled: 03/18/26 **Time:** 10:11
Date Analyzed: 03/31/26 **Time:** 17:18
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	3.11	2.47	7.40	3.84	J
115-07-1	Propene	1.33	4.00	3.16	2.30	6.90	5.46	J
74-98-6	Propane	1.33	4.00	2.62	2.41	7.23	4.73	J
75-28-5	i-Butane	1.00	3.00	2.46	2.38	7.14	5.86	J
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	7.43	2.38	7.14	17.70	
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	3.46	2.30	6.90	7.97	
78-78-4	i-Pentane	0.80	2.40	2.63	2.37	7.10	7.77	
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	7.89	2.36	7.09	23.32	
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	0.94	2.36	7.07	3.31	J
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	5.60	2.36	7.07	19.78	
96-37-7	Methylcyclopentane	0.67	2.00	4.20	2.30	6.90	14.50	
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	28.07	2.13	6.40	89.84	
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	7.72	2.35	7.04	31.71	
565-59-3	2,3-Dimethylpentane	0.57	1.71	4.78	2.35	7.04	19.61	
589-34-4	3-Methylhexane	0.57	1.71	3.56	2.35	7.04	14.61	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	0.81	2.34	7.02	3.78	J
142-82-5	n-Heptane	0.57	1.71	33.58	2.35	7.04	137.91	
108-87-2	Methylcyclohexane	0.57	1.71	2.27	2.30	6.90	9.14	
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	2.73	2.34	7.02	12.77	
108-88-3	Toluene	0.57	1.71	6.38	2.16	6.47	24.06	
592-27-8	2-Methylheptane	0.50	1.50	2.49	2.34	7.02	11.63	
589-81-1	3-Methylheptane	0.50	1.50	1.06	2.34	7.02	4.98	J
111-65-9	n-Octane	0.50	1.50	0.51	2.34	7.02	2.38	J
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	2.94	2.18	6.53	12.79	
100-42-5	Styrene	0.50	1.50	1.29	2.14	6.41	5.52	J
95-47-6	o-xylene	0.50	1.50	2.16	2.18	6.53	9.42	
111-84-2	n-Nonane	0.44	1.33	3.06	2.34	7.01	16.06	
98-82-8	i-Propylbenzene	0.44	1.33	1.66	2.19	6.57	8.19	
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	3.31	2.19	6.57	16.33	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	2.27	2.19	6.57	11.17	
611-14-3	2-Ethyltoluene	0.44	1.33	2.80	2.19	6.57	13.80	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	1.67	2.19	6.57	8.23	
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	5.40	2.19	6.57	26.59	
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	179.15	26.50	79.49	632.90	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	1,074.90	29.51	88.52	704.85	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 33

File Name: 2604933A
Description: T-305
Canister: 800
QC_Batch: 033126-GCK

Date Sampled: 03/18/26 **Time:** 11:03
Date Analyzed: 03/31/26 **Time:** 18:06
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.79	2.30	6.91	3.22	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	4.65	2.47	7.40	5.74	J
115-07-1	Propene	1.33	4.00	4.57	2.30	6.90	7.88	
74-98-6	Propane	1.33	4.00	2.93	2.41	7.23	5.29	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	2.29	2.38	7.14	5.45	J
624-64-6	t-2-Butene	1.00	3.00	4.26	2.30	6.90	9.79	
590-18-1	c-2-Butene	1.00	3.00	1.16	2.30	6.90	2.68	J
78-78-4	i-Pentane	0.80	2.40	3.05	2.37	7.10	9.04	
109-67-1	1-Pentene	0.80	2.40	1.55	2.30	6.90	4.47	J
109-66-0	n-Pentane	0.80	2.40	1.61	2.36	7.09	4.74	J
646-04-8	t-2-Pentene	0.80	2.40	35.80	2.30	6.90	102.86	
627-20-3	c-2-Pentene	0.80	2.40	2.56	2.30	6.90	7.36	
75-83-2	2,2-Dimethylbutane	0.67	2.00	0.89	2.36	7.07	3.15	J
287-92-3	Cyclopentane	0.80	2.40	6.12	2.30	6.90	17.58	
79-29-8	2,3-Dimethylbutane	0.67	2.00	1.23	2.36	7.07	4.35	J
107-83-5	2-Methylpentane	0.67	2.00	1.53	2.36	7.07	5.40	J
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	1.96	2.36	7.07	6.91	J
96-37-7	Methylcyclopentane	0.67	2.00	12.65	2.30	6.90	43.65	
108-08-7	2,4-Dimethylpentane	0.57	1.71	0.67	2.35	7.04	2.76	J
71-43-2	Benzene	0.67	2.00	115.20	2.13	6.40	368.72	
110-82-7	Cyclohexane	0.67	2.00	3.07	2.30	6.90	10.60	
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	6.92	2.35	7.04	28.41	
589-34-4	3-Methylhexane	0.57	1.71	2.51	2.35	7.04	10.31	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	0.60	2.34	7.02	2.81	J
142-82-5	n-Heptane	0.57	1.71	9.06	2.35	7.04	37.20	
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	7.82	2.34	7.02	36.60	
108-88-3	Toluene	0.57	1.71	68.63	2.16	6.47	259.05	
592-27-8	2-Methylheptane	0.50	1.50	8.51	2.34	7.02	39.81	
589-81-1	3-Methylheptane	0.50	1.50	3.02	2.34	7.02	14.16	
111-65-9	n-Octane	0.50	1.50	16.63	2.34	7.02	77.82	
100-41-4	Ethylbenzene	0.50	1.50	59.63	2.18	6.53	259.53	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	67.84	2.18	6.53	295.27	
100-42-5	Styrene	0.50	1.50	31.12	2.14	6.41	132.88	
95-47-6	o-xylene	0.50	1.50	34.91	2.18	6.53	151.94	
111-84-2	n-Nonane	0.44	1.33	18.51	2.34	7.01	97.32	
98-82-8	i-Propylbenzene	0.44	1.33	23.07	2.19	6.57	113.65	
103-65-1	n-propylbenzene	0.44	1.33	15.63	2.19	6.57	76.99	
620-14-4	3-Ethyltoluene	0.44	1.33	7.54	2.19	6.57	37.15	
622-96-8	4-Ethyltoluene	0.44	1.33	14.29	2.19	6.57	70.39	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	9.27	2.19	6.57	45.68	
611-14-3	2-Ethyltoluene	0.44	1.33	8.68	2.19	6.57	42.76	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	42.95	2.19	6.57	211.60	
124-18-5	n-Decane	0.40	1.20	29.39	2.33	7.00	171.39	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	7.31	2.19	6.57	35.99	
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	869.74	26.50	79.49	3,072.60	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	5,218.43	29.51	88.52	3,421.92	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 34

File Name: 2604934A
Description: T-306
Canister: 405
QC_Batch: 033126-GCK

Date Sampled: 03/18/26 **Time:** 11:00
Date Analyzed: 03/31/26 **Time:** 18:54
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	5.07	2.30	6.91	5.83	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	7.49	2.47	7.40	9.24	
115-07-1	Propene	1.33	4.00	11.78	2.30	6.90	20.33	
74-98-6	Propane	1.33	4.00	5.64	2.41	7.23	10.20	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	2.24	2.30	6.90	5.15	J
106-97-8	n-Butane	1.00	3.00	5.41	2.38	7.14	12.88	
624-64-6	t-2-Butene	1.00	3.00	12.10	2.30	6.90	27.83	
590-18-1	c-2-Butene	1.00	3.00	1.87	2.30	6.90	4.30	J
78-78-4	i-Pentane	0.80	2.40	1.44	2.37	7.10	4.26	J
109-67-1	1-Pentene	0.80	2.40	2.22	2.30	6.90	6.37	J
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	4.55	2.30	6.90	13.06	
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	2.51	2.30	6.90	7.22	
79-29-8	2,3-Dimethylbutane	0.67	2.00	2.58	2.36	7.07	9.11	
107-83-5	2-Methylpentane	0.67	2.00	3.49	2.36	7.07	12.34	
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	5.05	2.36	7.07	17.84	
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	0.63	2.35	7.04	2.58	J
71-43-2	Benzene	0.67	2.00	289.41	2.13	6.40	926.34	
110-82-7	Cyclohexane	0.67	2.00	4.04	2.30	6.90	13.96	
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	14.82	2.35	7.04	60.88	
589-34-4	3-Methylhexane	0.57	1.71	8.06	2.35	7.04	33.08	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	1.15	2.34	7.02	5.38	J
142-82-5	n-Heptane	0.57	1.71	23.25	2.35	7.04	95.49	
108-87-2	Methylcyclohexane	0.57	1.71	4.33	2.30	6.90	17.42	
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	36.41	2.34	7.02	170.41	
108-88-3	Toluene	0.57	1.71	121.20	2.16	6.47	457.50	
592-27-8	2-Methylheptane	0.50	1.50	23.39	2.34	7.02	109.45	
589-81-1	3-Methylheptane	0.50	1.50	7.78	2.34	7.02	36.42	
111-65-9	n-Octane	0.50	1.50	40.95	2.34	7.02	191.65	
100-41-4	Ethylbenzene	0.50	1.50	130.69	2.18	6.53	568.82	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	144.00	2.18	6.53	626.77	
100-42-5	Styrene	0.50	1.50	97.38	2.14	6.41	415.86	
95-47-6	o-xylene	0.50	1.50	47.41	2.18	6.53	206.34	
111-84-2	n-Nonane	0.44	1.33	42.18	2.34	7.01	221.80	
98-82-8	i-Propylbenzene	0.44	1.33	50.12	2.19	6.57	246.92	
103-65-1	n-propylbenzene	0.44	1.33	33.43	2.19	6.57	164.71	
620-14-4	3-Ethyltoluene	0.44	1.33	16.70	2.19	6.57	82.26	
622-96-8	4-Ethyltoluene	0.44	1.33	30.45	2.19	6.57	150.02	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	24.35	2.19	6.57	119.95	
611-14-3	2-Ethyltoluene	0.44	1.33	12.85	2.19	6.57	63.30	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	84.87	2.19	6.57	418.08	
124-18-5	n-Decane	0.40	1.20	54.82	2.33	7.00	319.71	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	1,781.18	26.50	79.49	6,292.51	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	10,687.05	29.51	88.52	7,007.90	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 35

File Name: 2604935A
Description: T-307
Canister: 846
QC_Batch: 033126-GCK

Date Sampled: 03/18/26 **Time:** 11:05
Date Analyzed: 03/31/26 **Time:** 19:41
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	6.71	2.30	6.91	7.72	
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	5.52	2.47	7.40	6.80	J
115-07-1	Propene	1.33	4.00	14.85	2.30	6.90	25.62	
74-98-6	Propane	1.33	4.00	7.61	2.41	7.23	13.76	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	2.49	2.38	7.14	5.93	J
624-64-6	t-2-Butene	1.00	3.00	10.59	2.30	6.90	24.34	
590-18-1	c-2-Butene	1.00	3.00	1.82	2.30	6.90	4.19	J
78-78-4	i-Pentane	0.80	2.40	44.98	2.37	7.10	133.11	
109-67-1	1-Pentene	0.80	2.40	2.66	2.30	6.90	7.64	
109-66-0	n-Pentane	0.80	2.40	1.26	2.36	7.09	3.74	J
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	28.77	2.30	6.90	82.65	
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	2.97	2.30	6.90	8.54	
79-29-8	2,3-Dimethylbutane	0.67	2.00	1.77	2.36	7.07	6.25	J
107-83-5	2-Methylpentane	0.67	2.00	2.87	2.36	7.07	10.14	
96-14-0	3-Methylpentane	0.67	2.00	2.79	2.36	7.07	9.87	
110-54-3	n-Hexane	0.67	2.00	5.32	2.36	7.07	18.80	
96-37-7	Methylcyclopentane	0.67	2.00	1.75	2.30	6.90	6.02	J
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	13.41	2.13	6.40	42.94	
110-82-7	Cyclohexane	0.67	2.00	11.70	2.30	6.90	40.39	
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	5.44	2.35	7.04	22.35	
589-34-4	3-Methylhexane	0.57	1.71	7.60	2.35	7.04	31.21	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	1.64	2.34	7.02	7.67	
142-82-5	n-Heptane	0.57	1.71	24.50	2.35	7.04	100.61	
108-87-2	Methylcyclohexane	0.57	1.71	3.62	2.30	6.90	14.58	
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	99.40	2.34	7.02	465.22	
108-88-3	Toluene	0.57	1.71	34.22	2.16	6.47	129.17	
592-27-8	2-Methylheptane	0.50	1.50	20.04	2.34	7.02	93.78	
589-81-1	3-Methylheptane	0.50	1.50	6.78	2.34	7.02	31.73	
111-65-9	n-Octane	0.50	1.50	41.31	2.34	7.02	193.36	
100-41-4	Ethylbenzene	0.50	1.50	136.75	2.18	6.53	595.19	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	135.33	2.18	6.53	589.01	
100-42-5	Styrene	0.50	1.50	16.61	2.14	6.41	70.95	
95-47-6	o-xylene	0.50	1.50	63.75	2.18	6.53	277.47	
111-84-2	n-Nonane	0.44	1.33	40.49	2.34	7.01	212.91	
98-82-8	i-Propylbenzene	0.44	1.33	44.82	2.19	6.57	220.81	
103-65-1	n-propylbenzene	0.44	1.33	19.28	2.19	6.57	94.96	
620-14-4	3-Ethyltoluene	0.44	1.33	31.69	2.19	6.57	156.12	
622-96-8	4-Ethyltoluene	0.44	1.33	28.55	2.19	6.57	140.62	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	3.18	2.19	6.57	15.66	
611-14-3	2-Ethyltoluene	0.44	1.33	11.06	2.19	6.57	54.47	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	87.82	2.19	6.57	432.62	
124-18-5	n-Decane	0.40	1.20	57.19	2.33	7.00	333.52	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	15.60	2.19	6.57	76.86	
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	1,435.19	26.50	79.49	5,070.21	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	8,611.12	29.51	88.52	5,646.63	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 36

File Name: 2604936A
Description: T-308
Canister: 621
QC_Batch: 040126-GCK

Date Sampled: 03/18/26 **Time:** 11:10
Date Analyzed: 04/01/26 **Time:** 12:35
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	4.42	2.30	6.91	5.09	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	8.49	2.47	7.40	10.48	
115-07-1	Propene	1.33	4.00	13.50	2.30	6.90	23.29	
74-98-6	Propane	1.33	4.00	4.33	2.41	7.23	7.82	
75-28-5	i-Butane	1.00	3.00	2.63	2.38	7.14	6.27	J
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	5.92	2.38	7.14	14.10	
624-64-6	t-2-Butene	1.00	3.00	22.93	2.30	6.90	52.72	
590-18-1	c-2-Butene	1.00	3.00	3.89	2.30	6.90	8.94	
78-78-4	i-Pentane	0.80	2.40	1.89	2.37	7.10	5.60	J
109-67-1	1-Pentene	0.80	2.40	1.51	2.30	6.90	4.34	J
109-66-0	n-Pentane	0.80	2.40	1.83	2.36	7.09	5.42	J
646-04-8	t-2-Pentene	0.80	2.40	111.94	2.30	6.90	321.61	
627-20-3	c-2-Pentene	0.80	2.40	3.11	2.30	6.90	8.94	
75-83-2	2,2-Dimethylbutane	0.67	2.00	1.81	2.36	7.07	6.40	J
287-92-3	Cyclopentane	0.80	2.40	6.86	2.30	6.90	19.70	
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	1.50	2.36	7.07	5.30	J
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	4.35	2.36	7.07	15.37	
96-37-7	Methylcyclopentane	0.67	2.00	28.44	2.30	6.90	98.15	
108-08-7	2,4-Dimethylpentane	0.57	1.71	1.25	2.35	7.04	5.14	J
71-43-2	Benzene	0.67	2.00	302.47	2.13	6.40	968.15	
110-82-7	Cyclohexane	0.67	2.00	11.27	2.30	6.90	38.88	
591-76-4	2-Methylhexane	0.57	1.71	20.55	2.35	7.04	84.39	
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	5.92	2.35	7.04	24.32	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	20.48	2.35	7.04	84.12	
108-87-2	Methylcyclohexane	0.57	1.71	9.41	2.30	6.90	37.89	
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	25.10	2.34	7.02	117.47	
108-88-3	Toluene	0.57	1.71	111.91	2.16	6.47	422.42	
592-27-8	2-Methylheptane	0.50	1.50	17.14	2.34	7.02	80.24	
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	25.77	2.34	7.02	120.59	
100-41-4	Ethylbenzene	0.50	1.50	96.96	2.18	6.53	422.01	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	93.05	2.18	6.53	405.01	
100-42-5	Styrene	0.50	1.50	17.59	2.14	6.41	75.14	
95-47-6	o-xylene	0.50	1.50	35.03	2.18	6.53	152.48	
111-84-2	n-Nonane	0.44	1.33	19.07	2.34	7.01	100.28	
98-82-8	i-Propylbenzene	0.44	1.33	21.35	2.19	6.57	105.19	
103-65-1	n-propylbenzene	0.44	1.33	6.32	2.19	6.57	31.15	
620-14-4	3-Ethyltoluene	0.44	1.33	6.79	2.19	6.57	33.46	
622-96-8	4-Ethyltoluene	0.44	1.33	11.36	2.19	6.57	55.98	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	6.55	2.19	6.57	32.26	
611-14-3	2-Ethyltoluene	0.44	1.33	4.62	2.19	6.57	22.75	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	27.74	2.19	6.57	136.68	
124-18-5	n-Decane	0.40	1.20	15.69	2.33	7.00	91.50	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	1,287.36	26.50	79.49	4,547.97	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	7,724.17	29.51	88.52	5,065.03	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 37

File Name: 2604937A
Description: T-309
Canister: 605
QC_Batch: 040126-GCK

Date Sampled: 03/18/26 **Time:** 12:12
Date Analyzed: 04/01/26 **Time:** 13:21
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.45	2.30	6.91	2.82	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	ND	2.47	7.40	ND	ND
115-07-1	Propene	1.33	4.00	1.34	2.30	6.90	2.31	J
74-98-6	Propane	1.33	4.00	1.70	2.41	7.23	3.07	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	1.88	2.30	6.90	4.31	J
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 38

File Name: 2604938A
Description: T-310
Canister: 852
QC_Batch: 040126-GCK

Date Sampled: 03/18/26 **Time:** 12:19
Date Analyzed: 04/01/26 **Time:** 14:06
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	6.56	2.30	6.91	7.55	
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	6.40	2.47	7.40	7.90	
115-07-1	Propene	1.33	4.00	15.99	2.30	6.90	27.60	
74-98-6	Propane	1.33	4.00	5.47	2.41	7.23	9.88	
75-28-5	i-Butane	1.00	3.00	3.14	2.38	7.14	7.48	
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	6.29	2.38	7.14	14.98	
624-64-6	t-2-Butene	1.00	3.00	46.75	2.30	6.90	107.49	
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	3.20	2.37	7.10	9.45	
109-67-1	1-Pentene	0.80	2.40	3.11	2.30	6.90	8.94	
109-66-0	n-Pentane	0.80	2.40	2.76	2.36	7.09	8.16	
646-04-8	t-2-Pentene	0.80	2.40	109.01	2.30	6.90	313.18	
627-20-3	c-2-Pentene	0.80	2.40	4.12	2.30	6.90	11.82	
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	16.57	2.30	6.90	47.60	
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	2.16	2.36	7.07	7.64	
96-14-0	3-Methylpentane	0.67	2.00	135.03	2.36	7.07	477.03	
110-54-3	n-Hexane	0.67	2.00	8.27	2.36	7.07	29.22	
96-37-7	Methylcyclopentane	0.67	2.00	40.08	2.30	6.90	138.30	
108-08-7	2,4-Dimethylpentane	0.57	1.71	2.01	2.35	7.04	8.25	
71-43-2	Benzene	0.67	2.00	665.51	2.13	6.40	2,130.18	
110-82-7	Cyclohexane	0.67	2.00	28.07	2.30	6.90	96.86	
591-76-4	2-Methylhexane	0.57	1.71	27.22	2.35	7.04	111.76	
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	12.43	2.35	7.04	51.06	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	3.93	2.34	7.02	18.39	
142-82-5	n-Heptane	0.57	1.71	46.96	2.35	7.04	192.84	
108-87-2	Methylcyclohexane	0.57	1.71	8.03	2.30	6.90	32.32	
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	37.34	2.34	7.02	174.75	
108-88-3	Toluene	0.57	1.71	202.33	2.16	6.47	763.71	
592-27-8	2-Methylheptane	0.50	1.50	25.98	2.34	7.02	121.59	
589-81-1	3-Methylheptane	0.50	1.50	9.88	2.34	7.02	46.24	
111-65-9	n-Octane	0.50	1.50	74.43	2.34	7.02	348.38	
100-41-4	Ethylbenzene	0.50	1.50	264.54	2.18	6.53	1,151.41	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	293.13	2.18	6.53	1,275.83	
100-42-5	Styrene	0.50	1.50	53.71	2.14	6.41	229.37	
95-47-6	o-xylene	0.50	1.50	147.14	2.18	6.53	640.42	
111-84-2	n-Nonane	0.44	1.33	68.10	2.34	7.01	358.08	
98-82-8	i-Propylbenzene	0.44	1.33	104.29	2.19	6.57	513.73	
103-65-1	n-propylbenzene	0.44	1.33	76.41	2.19	6.57	376.39	
620-14-4	3-Ethyltoluene	0.44	1.33	44.59	2.19	6.57	219.66	
622-96-8	4-Ethyltoluene	0.44	1.33	81.88	2.19	6.57	403.38	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	53.06	2.19	6.57	261.39	
611-14-3	2-Ethyltoluene	0.44	1.33	35.07	2.19	6.57	172.74	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	190.00	2.19	6.57	935.99	
124-18-5	n-Decane	0.40	1.20	61.88	2.33	7.00	360.91	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	3,692.74	26.50	79.49	13,045.67	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	22,156.44	29.51	88.52	14,528.82	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 39

File Name: 2604939A
Description: T-311
Canister: 877
QC_Batch: 040126-GCK

Date Sampled: 03/18/26 **Time:** 12:08
Date Analyzed: 04/01/26 **Time:** 14:51
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	3.02	2.30	6.91	3.48	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.92	2.47	7.40	3.61	J
115-07-1	Propene	1.33	4.00	2.68	2.30	6.90	4.63	J
74-98-6	Propane	1.33	4.00	2.45	2.41	7.23	4.43	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	0.93	2.37	7.10	2.75	J
109-67-1	1-Pentene	0.80	2.40	1.28	2.30	6.90	3.67	J
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	1.55	2.30	6.90	4.45	J
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	5.71	2.36	7.07	20.17	
110-54-3	n-Hexane	0.67	2.00	1.04	2.36	7.07	3.68	J
96-37-7	Methylcyclopentane	0.67	2.00	1.48	2.30	6.90	5.12	J
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	2.69	2.13	6.40	8.60	
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	1.83	2.35	7.04	7.53	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	0.83	2.16	6.47	3.14	J
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	1.75	2.18	6.53	7.63	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	2.46	2.18	6.53	10.70	
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	2.57	2.18	6.53	11.18	
111-84-2	n-Nonane	0.44	1.33	0.69	2.34	7.01	3.61	J
98-82-8	i-Propylbenzene	0.44	1.33	1.42	2.19	6.57	6.98	
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	0.58	2.19	6.57	2.88	J
622-96-8	4-Ethyltoluene	0.44	1.33	2.47	2.19	6.57	12.16	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	0.72	2.19	6.57	3.57	J
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	5.05	2.19	6.57	24.89	
124-18-5	n-Decane	0.40	1.20	1.47	2.33	7.00	8.56	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	0.76	2.19	6.57	3.76	J
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	53.78	26.50	79.49	189.98	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	322.66	29.51	88.52	211.58	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 40

File Name:	2604940A	**Date Sampled:**	03/18/26	**Time:**	12:20
Description:	T-312	**Date Analyzed:**	04/01/26	**Time:**	15:36
Canister:	634	**Can Factor:**	1.00		
QC_Batch:	040126-GCK	**Air Volume:**	200 ml		

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	4.80	2.30	6.91	5.52	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	6.20	2.47	7.40	7.65	
115-07-1	Propene	1.33	4.00	9.35	2.30	6.90	16.12	
74-98-6	Propane	1.33	4.00	3.64	2.41	7.23	6.58	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	2.78	2.38	7.14	6.62	J
624-64-6	t-2-Butene	1.00	3.00	14.52	2.30	6.90	33.38	
590-18-1	c-2-Butene	1.00	3.00	1.19	2.30	6.90	2.74	J
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	2.65	2.30	6.90	7.62	
109-66-0	n-Pentane	0.80	2.40	2.90	2.36	7.09	8.58	
646-04-8	t-2-Pentene	0.80	2.40	18.02	2.30	6.90	51.77	
627-20-3	c-2-Pentene	0.80	2.40	3.75	2.30	6.90	10.78	
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	4.74	2.30	6.90	13.61	
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	3.18	2.36	7.07	11.24	
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	5.48	2.36	7.07	19.36	
96-37-7	Methylcyclopentane	0.67	2.00	8.19	2.30	6.90	28.26	
108-08-7	2,4-Dimethylpentane	0.57	1.71	1.00	2.35	7.04	4.09	J
71-43-2	Benzene	0.67	2.00	286.78	2.13	6.40	917.92	
110-82-7	Cyclohexane	0.67	2.00	16.26	2.30	6.90	56.12	
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	10.50	2.35	7.04	43.10	
589-34-4	3-Methylhexane	0.57	1.71	7.37	2.35	7.04	30.27	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	2.20	2.34	7.02	10.31	
142-82-5	n-Heptane	0.57	1.71	25.07	2.35	7.04	102.95	
108-87-2	Methylcyclohexane	0.57	1.71	4.31	2.30	6.90	17.33	
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	8.73	2.34	7.02	40.88	
108-88-3	Toluene	0.57	1.71	90.89	2.16	6.47	343.05	
592-27-8	2-Methylheptane	0.50	1.50	8.83	2.34	7.02	41.31	
589-81-1	3-Methylheptane	0.50	1.50	5.58	2.34	7.02	26.10	
111-65-9	n-Octane	0.50	1.50	26.74	2.34	7.02	125.17	
100-41-4	Ethylbenzene	0.50	1.50	78.75	2.18	6.53	342.77	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	93.88	2.18	6.53	408.61	
100-42-5	Styrene	0.50	1.50	18.43	2.14	6.41	78.68	
95-47-6	o-xylene	0.50	1.50	36.61	2.18	6.53	159.36	
111-84-2	n-Nonane	0.44	1.33	26.08	2.34	7.01	137.13	
98-82-8	i-Propylbenzene	0.44	1.33	37.98	2.19	6.57	187.12	
103-65-1	n-propylbenzene	0.44	1.33	20.25	2.19	6.57	99.75	
620-14-4	3-Ethyltoluene	0.44	1.33	15.45	2.19	6.57	76.12	
622-96-8	4-Ethyltoluene	0.44	1.33	35.37	2.19	6.57	174.25	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	37.03	2.19	6.57	182.43	
611-14-3	2-Ethyltoluene	0.44	1.33	17.33	2.19	6.57	85.35	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	123.35	2.19	6.57	607.66	
124-18-5	n-Decane	0.40	1.20	90.05	2.33	7.00	525.17	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	5.04	2.33	6.99	32.26	
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	1,533.24	26.50	79.49	5,416.61	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	9,199.44	29.51	88.52	6,032.42	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 41

File Name: 2604941A
Description: T-313
Canister: 775
QC_Batch: 040126-GCK

Date Sampled: 03/18/26 **Time:** 12:23
Date Analyzed: 04/01/26 **Time:** 16:28
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	4.50	2.30	6.91	5.18	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	5.68	2.47	7.40	7.01	J
115-07-1	Propene	1.33	4.00	8.73	2.30	6.90	15.07	
74-98-6	Propane	1.33	4.00	3.89	2.41	7.23	7.03	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	5.50	2.38	7.14	13.09	
624-64-6	t-2-Butene	1.00	3.00	15.22	2.30	6.90	34.99	
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	1.19	2.37	7.10	3.53	J
109-67-1	1-Pentene	0.80	2.40	2.28	2.30	6.90	6.55	J
109-66-0	n-Pentane	0.80	2.40	2.46	2.36	7.09	7.28	
646-04-8	t-2-Pentene	0.80	2.40	18.26	2.30	6.90	52.45	
627-20-3	c-2-Pentene	0.80	2.40	3.25	2.30	6.90	9.34	
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	1.73	2.30	6.90	4.96	J
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	2.03	2.36	7.07	7.18	
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	3.27	2.36	7.07	11.54	
96-37-7	Methylcyclopentane	0.67	2.00	6.63	2.30	6.90	22.87	
108-08-7	2,4-Dimethylpentane	0.57	1.71	0.85	2.35	7.04	3.51	J
71-43-2	Benzene	0.67	2.00	280.78	2.13	6.40	898.71	
110-82-7	Cyclohexane	0.67	2.00	3.69	2.30	6.90	12.72	
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	7.49	2.35	7.04	30.77	
589-34-4	3-Methylhexane	0.57	1.71	7.48	2.35	7.04	30.73	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	2.74	2.34	7.02	12.84	
142-82-5	n-Heptane	0.57	1.71	24.59	2.35	7.04	101.00	
108-87-2	Methylcyclohexane	0.57	1.71	1.47	2.30	6.90	5.90	J
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	6.70	2.34	7.02	31.34	
108-88-3	Toluene	0.57	1.71	72.88	2.16	6.47	275.09	
592-27-8	2-Methylheptane	0.50	1.50	1.39	2.34	7.02	6.50	J
589-81-1	3-Methylheptane	0.50	1.50	2.97	2.34	7.02	13.90	
111-65-9	n-Octane	0.50	1.50	19.18	2.34	7.02	89.75	
100-41-4	Ethylbenzene	0.50	1.50	45.71	2.18	6.53	198.96	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	42.05	2.18	6.53	183.01	
100-42-5	Styrene	0.50	1.50	4.23	2.14	6.41	18.06	
95-47-6	o-xylene	0.50	1.50	19.62	2.18	6.53	85.40	
111-84-2	n-Nonane	0.44	1.33	7.71	2.34	7.01	40.53	
98-82-8	i-Propylbenzene	0.44	1.33	12.79	2.19	6.57	62.98	
103-65-1	n-propylbenzene	0.44	1.33	10.93	2.19	6.57	53.83	
620-14-4	3-Ethyltoluene	0.44	1.33	3.10	2.19	6.57	15.27	
622-96-8	4-Ethyltoluene	0.44	1.33	18.79	2.19	6.57	92.58	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	5.28	2.19	6.57	26.00	
611-14-3	2-Ethyltoluene	0.44	1.33	4.35	2.19	6.57	21.42	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	24.07	2.19	6.57	118.56	
124-18-5	n-Decane	0.40	1.20	7.12	2.33	7.00	41.51	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	813.26	26.50	79.49	2,873.09	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	4,879.58	29.51	88.52	3,199.73	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 42

File Name: 2604942A
Description: T-314
Canister: 652
QC_Batch: 032526-GCK

Date Sampled: 03/18/26 **Time:** 12:50
Date Analyzed: 03/25/26 **Time:** 18:06
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.75	2.30	6.91	3.16	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.64	2.47	7.40	3.26	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	1.78	2.41	7.23	3.22	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	1.19	2.30	6.90	2.73	J
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	0.77	2.19	6.57	3.81	J
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 43

File Name: 2604943A
Description: T-401
Canister: 668
QC_Batch: 040126-GCK

Date Sampled: 03/19/26 **Time:** 9:39
Date Analyzed: 04/01/26 **Time:** 17:19
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.51	2.30	6.91	2.89	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.71	2.47	7.40	3.34	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	1.90	2.41	7.23	3.44	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	2.07	2.38	7.14	4.94	J
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	19.75	2.36	7.07	69.76	
96-14-0	3-Methylpentane	0.67	2.00	4.24	2.36	7.07	14.99	
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	2.25	2.13	6.40	7.21	
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	0.77	2.16	6.47	2.91	J
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	0.73	2.18	6.53	3.18	J

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	0.82	2.18	6.53	3.56	J
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	1.08	2.18	6.53	4.70	J
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	1.95	2.19	6.57	9.60	
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	0.55	2.19	6.57	2.72	J
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	0.74	2.19	6.57	3.64	J
124-18-5	n-Decane	0.40	1.20	0.46	2.33	7.00	2.69	J
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	44.85	26.50	79.49	158.44	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	269.09	29.51	88.52	176.45	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 44

File Name: 2604944A
Description: T-402
Canister: 734
QC_Batch: 040126-GCK

Date Sampled: 03/19/26 **Time:** 9:36
Date Analyzed: 04/01/26 **Time:** 18:04
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.56	2.47	7.40	3.16	J
115-07-1	Propene	1.33	4.00	1.37	2.30	6.90	2.36	J
74-98-6	Propane	1.33	4.00	4.08	2.41	7.23	7.37	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	9.54	2.38	7.14	22.72	
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	1.95	2.37	7.10	5.78	J
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	0.96	2.36	7.09	2.83	J
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	0.86	2.36	7.07	3.05	J
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	0.67	2.13	6.40	2.16	J
110-82-7	Cyclohexane	0.67	2.00	2.06	2.30	6.90	7.11	
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	0.73	2.35	7.04	3.01	J
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	0.82	2.34	7.02	3.85	J
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	1.28	2.30	6.90	5.15	J
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	0.63	2.34	7.02	2.97	J
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	1.84	2.19	6.57	9.08	
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	0.98	2.33	7.00	5.71	J
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	29.29	26.50	79.49	103.49	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	175.77	29.51	88.52	115.26	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 45

File Name: 2604945A
Description: T-403
Canister: 550
QC_Batch: 040126-GCK

Date Sampled: 03/19/26 **Time:** 9:30
Date Analyzed: 04/01/26 **Time:** 19:00
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.19	2.30	6.91	2.52	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	ND	2.47	7.40	ND	ND
115-07-1	Propene	1.33	4.00	1.88	2.30	6.90	3.24	J
74-98-6	Propane	1.33	4.00	4.84	2.41	7.23	8.76	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	1.05	2.30	6.90	2.41	J
106-97-8	n-Butane	1.00	3.00	7.37	2.38	7.14	17.55	
624-64-6	t-2-Butene	1.00	3.00	7.17	2.30	6.90	16.49	
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	0.67	2.36	7.07	2.37	J
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	0.82	2.34	7.02	3.83	J
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	0.63	2.16	6.47	2.36	J
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	0.83	2.18	6.53	3.63	J

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	1.27	2.18	6.53	5.51	J
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	1.47	2.18	6.53	6.40	J
111-84-2	n-Nonane	0.44	1.33	1.39	2.34	7.01	7.32	
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	5.00	2.19	6.57	24.63	
620-14-4	3-Ethyltoluene	0.44	1.33	0.78	2.19	6.57	3.83	J
622-96-8	4-Ethyltoluene	0.44	1.33	11.15	2.19	6.57	54.94	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	7.73	2.19	6.57	38.07	
611-14-3	2-Ethyltoluene	0.44	1.33	7.18	2.19	6.57	35.36	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	65.13	2.19	6.57	320.87	
124-18-5	n-Decane	0.40	1.20	65.23	2.33	7.00	380.45	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	2.12	2.33	6.99	13.56	
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	288.55	26.50	79.49	1,019.38	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	1,731.29	29.51	88.52	1,135.27	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 46

File Name: 2604946A
Description: T-404
Canister: 675
QC_Batch: 040226-GCK

Date Sampled: 03/19/26 **Time:** 9:27
Date Analyzed: 04/02/26 **Time:** 11:55
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	8.51	2.30	6.91	9.80	
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	17.04	2.47	7.40	21.02	
115-07-1	Propene	1.33	4.00	135.78	2.30	6.90	234.28	
74-98-6	Propane	1.33	4.00	80.71	2.41	7.23	145.87	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	102.17	2.38	7.14	243.29	
624-64-6	t-2-Butene	1.00	3.00	8.24	2.30	6.90	18.95	
590-18-1	c-2-Butene	1.00	3.00	1.89	2.30	6.90	4.35	J
78-78-4	i-Pentane	0.80	2.40	249.19	2.37	7.10	737.36	
109-67-1	1-Pentene	0.80	2.40	14.78	2.30	6.90	42.46	
109-66-0	n-Pentane	0.80	2.40	66.76	2.36	7.09	197.26	
646-04-8	t-2-Pentene	0.80	2.40	10.39	2.30	6.90	29.84	
627-20-3	c-2-Pentene	0.80	2.40	2.67	2.30	6.90	7.68	
75-83-2	2,2-Dimethylbutane	0.67	2.00	9.14	2.36	7.07	32.28	
287-92-3	Cyclopentane	0.80	2.40	173.66	2.30	6.90	498.92	
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	25.88	2.36	7.07	91.42	
96-14-0	3-Methylpentane	0.67	2.00	21.87	2.36	7.07	77.27	
110-54-3	n-Hexane	0.67	2.00	20.65	2.36	7.07	72.97	
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	12.97	2.35	7.04	53.26	
71-43-2	Benzene	0.67	2.00	8.04	2.13	6.40	25.74	
110-82-7	Cyclohexane	0.67	2.00	45.66	2.30	6.90	157.57	
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	162.76	2.35	7.04	668.40	
589-34-4	3-Methylhexane	0.57	1.71	43.58	2.35	7.04	178.95	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	45.19	2.34	7.02	211.51	
142-82-5	n-Heptane	0.57	1.71	42.74	2.35	7.04	175.51	
108-87-2	Methylcyclohexane	0.57	1.71	36.87	2.30	6.90	148.40	
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	26.16	2.34	7.02	122.42	
108-88-3	Toluene	0.57	1.71	37.52	2.16	6.47	141.61	
592-27-8	2-Methylheptane	0.50	1.50	31.81	2.34	7.02	148.90	
589-81-1	3-Methylheptane	0.50	1.50	29.25	2.34	7.02	136.88	
111-65-9	n-Octane	0.50	1.50	16.35	2.34	7.02	76.53	
100-41-4	Ethylbenzene	0.50	1.50	3.37	2.18	6.53	14.68	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	10.78	2.18	6.53	46.90	
100-42-5	Styrene	0.50	1.50	1.58	2.14	6.41	6.73	
95-47-6	o-xylene	0.50	1.50	4.00	2.18	6.53	17.41	
111-84-2	n-Nonane	0.44	1.33	2.17	2.34	7.01	11.43	
98-82-8	i-Propylbenzene	0.44	1.33	0.62	2.19	6.57	3.05	J
103-65-1	n-propylbenzene	0.44	1.33	40.85	2.19	6.57	201.21	
620-14-4	3-Ethyltoluene	0.44	1.33	0.63	2.19	6.57	3.09	J
622-96-8	4-Ethyltoluene	0.44	1.33	4.06	2.19	6.57	20.01	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	1.32	2.19	6.57	6.53	J
611-14-3	2-Ethyltoluene	0.44	1.33	1.01	2.19	6.57	4.98	J
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	1.43	2.33	7.00	8.33	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	6.79	2.19	6.57	33.45	
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	1.09	2.33	6.98	7.60	
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	1,463.27	26.50	79.49	5,169.42	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	8,779.62	29.51	88.52	5,757.13	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 47

File Name: 2604947A
Description: T-405
Canister: 638
QC_Batch: 040226-GCK

Date Sampled: 03/19/26 **Time:** 10:36
Date Analyzed: 04/02/26 **Time:** 12:54
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.24	2.30	6.91	2.58	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	ND	2.47	7.40	ND	ND
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	3.26	2.38	7.14	7.75	
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	0.80	2.13	6.40	2.56	J
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	0.62	2.35	7.04	2.53	J
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	0.65	2.33	7.00	3.77	J
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	8.37	26.50	79.49	29.58	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	50.24	29.51	88.52	32.94	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 48

File Name: 2604948A
Description: T-406
Canister: 779
QC_Batch: 040226-GCK

Date Sampled: 03/19/26 **Time:** 10:38
Date Analyzed: 04/02/26 **Time:** 13:48
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.93	2.47	7.40	3.61	J
115-07-1	Propene	1.33	4.00	1.58	2.30	6.90	2.72	J
74-98-6	Propane	1.33	4.00	1.97	2.41	7.23	3.56	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	2.04	2.30	6.90	4.70	J
106-97-8	n-Butane	1.00	3.00	10.22	2.38	7.14	24.33	
624-64-6	t-2-Butene	1.00	3.00	33.30	2.30	6.90	76.55	
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	0.93	2.37	7.10	2.76	J
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	1.13	2.13	6.40	3.63	J
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	0.67	2.35	7.04	2.74	J
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	0.71	2.19	6.57	3.51	J
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	42.06	26.50	79.49	148.57	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	252.34	29.51	88.52	165.47	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 49

File Name: 2604949A
Description: T-407
Canister: 663
QC_Batch: 040226-GCK

Date Sampled: 03/19/26 **Time:** 10:43
Date Analyzed: 04/02/26 **Time:** 15:14
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	3.08	2.47	7.40	3.80	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	1.38	2.41	7.23	2.49	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	2.78	2.38	7.14	6.61	J
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	1.56	2.30	6.90	4.47	J
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 50

File Name: 2604950A
Description: T-408
Canister: 644
QC_Batch: 040226-GCK

Date Sampled: 03/19/26 **Time:** 10:42
Date Analyzed: 04/02/26 **Time:** 16:53
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	ND	2.47	7.40	ND	ND
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 51

File Name: 2604951A
Description: T-409
Canister: 812
QC_Batch: 040226-GCK

Date Sampled: 03/19/26 **Time:** 12:13
Date Analyzed: 04/02/26 **Time:** 17:45
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.59	2.30	6.91	2.98	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.19	2.47	7.40	2.70	J
115-07-1	Propene	1.33	4.00	2.28	2.30	6.90	3.94	J
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	3.93	2.30	6.90	9.04	
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	1.89	2.37	7.10	5.58	J
109-67-1	1-Pentene	0.80	2.40	1.08	2.30	6.90	3.10	J
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	3.89	2.36	7.07	13.75	
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	2.10	2.13	6.40	6.73	
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	0.75	2.14	6.41	3.22	J
95-47-6	o-xylene	0.50	1.50	1.37	2.18	6.53	5.98	J
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	1.25	2.19	6.57	6.16	J
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	22.71	26.50	79.49	80.24	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	136.27	29.51	88.52	89.36	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 52

File Name: 2604952A
Description: T-410
Canister: 783
QC_Batch: 040226-GCK

Date Sampled: 03/19/26 **Time:** 12:10
Date Analyzed: 04/02/26 **Time:** 19:06
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.68	2.30	6.91	3.08	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.13	2.47	7.40	2.62	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	5.50	2.38	7.14	13.09	
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	3.61	2.36	7.07	12.75	
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	0.67	2.30	6.90	2.33	J
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	0.94	2.13	6.40	3.01	J
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	0.77	2.18	6.53	3.37	J
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	1.08	2.18	6.53	4.68	J
111-84-2	n-Nonane	0.44	1.33	0.57	2.34	7.01	2.99	J
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	0.86	2.19	6.57	4.26	J
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	1.43	2.33	7.00	8.34	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	24.13	26.50	79.49	85.24	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	144.77	29.51	88.52	94.93	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 53

File Name: 2604953A
Description: T-411
Canister: 803
QC_Batch: 040226-GCK

Date Sampled: 03/19/26 **Time:** 12:04
Date Analyzed: 04/02/26 **Time:** 19:55
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.54	2.30	6.91	2.92	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	ND	2.47	7.40	ND	ND
115-07-1	Propene	1.33	4.00	2.14	2.30	6.90	3.69	J
74-98-6	Propane	1.33	4.00	2.06	2.41	7.23	3.72	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	2.24	2.30	6.90	6.43	J
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	7.94	26.50	79.49	28.05	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	47.64	29.51	88.52	31.24	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 54

File Name: 2604954A
Description: T-412
Canister: 704
QC_Batch: 040326-GCK

Date Sampled: 03/19/26 **Time:** 12:11
Date Analyzed: 04/03/26 **Time:** 11:01
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.26	2.30	6.91	2.60	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	3.41	2.47	7.40	4.21	J
115-07-1	Propene	1.33	4.00	1.77	2.30	6.90	3.06	J
74-98-6	Propane	1.33	4.00	2.08	2.41	7.23	3.75	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	3.24	2.38	7.14	7.73	
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	0.97	2.36	7.09	2.88	J
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	0.68	2.13	6.40	2.17	J
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	0.77	2.18	6.53	3.35	J
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	0.84	2.19	6.57	4.13	J
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	0.77	2.33	6.99	4.91	J
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	17.39	26.50	79.49	61.44	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	104.35	29.51	88.52	68.43	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 55

File Name: 2604955A
Description: T-413
Canister: 753
QC_Batch: 040326-GCK

Date Sampled: 03/19/26 **Time:** 12:17
Date Analyzed: 04/03/26 **Time:** 12:54
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.68	2.30	6.91	3.09	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.29	2.47	7.40	2.83	J
115-07-1	Propene	1.33	4.00	2.84	2.30	6.90	4.91	J
74-98-6	Propane	1.33	4.00	1.39	2.41	7.23	2.50	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	2.80	2.38	7.14	6.66	J
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	1.42	2.30	6.90	4.09	J
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	1.49	2.36	7.07	5.26	J
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	0.76	2.13	6.40	2.44	J
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	0.51	2.18	6.53	2.21	J

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	1.21	2.18	6.53	5.29	J
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	1.39	2.18	6.53	6.03	J
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	1.04	2.19	6.57	5.13	J
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	0.57	2.19	6.57	2.79	J
124-18-5	n-Decane	0.40	1.20	0.93	2.33	7.00	5.42	J
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	21.60	26.50	79.49	76.29	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	129.57	29.51	88.52	84.97	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 56

File Name:	2604956A	**Date Sampled:**	03/19/26	**Time:**	12:40
Description:	T-414	**Date Analyzed:**	03/25/26	**Time:**	19:06
Canister:	610	**Can Factor:**	1.00		
QC_Batch:	032526-GCK	**Air Volume:**	200 ml		

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.47	2.30	6.91	2.85	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.15	2.47	7.40	2.66	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 57

File Name: 2604957A
Description: T-501
Canister: 653
QC_Batch: 040326-GCK

Date Sampled: 03/20/26 **Time:** 10:04
Date Analyzed: 04/03/26 **Time:** 13:44
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.15	2.30	6.91	2.48	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.72	2.47	7.40	3.35	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	1.09	2.30	6.90	2.50	J
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 58

File Name: 2604958A
Description: T-502
Canister: 633
QC_Batch: 040326-GCK

Date Sampled: 03/20/26 **Time:** 10:09
Date Analyzed: 04/03/26 **Time:** 14:30
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	10.99	2.30	6.91	12.66	
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	7.09	2.47	7.40	8.75	
115-07-1	Propene	1.33	4.00	10.68	2.30	6.90	18.42	
74-98-6	Propane	1.33	4.00	40.43	2.41	7.23	73.07	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	2.55	2.30	6.90	5.86	J
106-97-8	n-Butane	1.00	3.00	6.83	2.38	7.14	16.26	
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	1.45	2.37	7.10	4.28	J
109-67-1	1-Pentene	0.80	2.40	3.38	2.30	6.90	9.72	
109-66-0	n-Pentane	0.80	2.40	1.94	2.36	7.09	5.74	J
646-04-8	t-2-Pentene	0.80	2.40	3.71	2.30	6.90	10.66	
627-20-3	c-2-Pentene	0.80	2.40	1.11	2.30	6.90	3.20	J
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	0.86	2.36	7.07	3.03	J
96-14-0	3-Methylpentane	0.67	2.00	0.86	2.36	7.07	3.03	J
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	0.99	2.30	6.90	3.43	J
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	2.37	2.34	7.02	11.09	
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	1.03	2.30	6.90	4.16	J
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	0.98	2.18	6.53	4.28	J

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	0.66	2.14	6.41	2.80	J
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	0.48	2.19	6.57	2.37	J
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	18.73	2.19	6.57	92.27	
124-18-5	n-Decane	0.40	1.20	0.57	2.33	7.00	3.33	J
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	90.64	26.50	79.49	320.20	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	543.81	29.51	88.52	356.60	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 59

File Name: 2604959A
Description: T-503
Canister: 739
QC_Batch: 040326-GCK

Date Sampled: 03/20/26 **Time:** 9:59
Date Analyzed: 04/03/26 **Time:** 15:18
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	4.84	2.30	6.91	5.57	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	5.92	2.47	7.40	7.30	J
115-07-1	Propene	1.33	4.00	11.03	2.30	6.90	19.04	
74-98-6	Propane	1.33	4.00	4.65	2.41	7.23	8.40	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	2.34	2.38	7.14	5.58	J
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	1.40	2.30	6.90	3.21	J
78-78-4	i-Pentane	0.80	2.40	3.60	2.37	7.10	10.64	
109-67-1	1-Pentene	0.80	2.40	5.83	2.30	6.90	16.74	
109-66-0	n-Pentane	0.80	2.40	2.50	2.36	7.09	7.40	
646-04-8	t-2-Pentene	0.80	2.40	9.53	2.30	6.90	27.38	
627-20-3	c-2-Pentene	0.80	2.40	1.55	2.30	6.90	4.45	J
75-83-2	2,2-Dimethylbutane	0.67	2.00	1.29	2.36	7.07	4.54	J
287-92-3	Cyclopentane	0.80	2.40	1.66	2.30	6.90	4.76	J
79-29-8	2,3-Dimethylbutane	0.67	2.00	1.36	2.36	7.07	4.81	J
107-83-5	2-Methylpentane	0.67	2.00	1.63	2.36	7.07	5.77	J
96-14-0	3-Methylpentane	0.67	2.00	1.90	2.36	7.07	6.71	J
110-54-3	n-Hexane	0.67	2.00	1.62	2.36	7.07	5.74	J
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	0.91	2.35	7.04	3.73	J
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	1.84	2.30	6.90	6.33	J
591-76-4	2-Methylhexane	0.57	1.71	0.89	2.35	7.04	3.66	J
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	0.86	2.35	7.04	3.53	J
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	0.77	2.34	7.02	3.60	J
142-82-5	n-Heptane	0.57	1.71	1.08	2.35	7.04	4.44	J
108-87-2	Methylcyclohexane	0.57	1.71	2.15	2.30	6.90	8.64	
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	1.73	2.34	7.02	8.12	
108-88-3	Toluene	0.57	1.71	1.02	2.16	6.47	3.85	J
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	0.53	2.34	7.02	2.48	J
111-65-9	n-Octane	0.50	1.50	0.79	2.34	7.02	3.69	J
100-41-4	Ethylbenzene	0.50	1.50	1.60	2.18	6.53	6.98	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	0.76	2.14	6.41	3.23	J
95-47-6	o-xylene	0.50	1.50	0.59	2.18	6.53	2.58	J
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	1.29	2.19	6.57	6.34	J
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	1.90	2.33	7.00	11.07	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	70.12	26.50	79.49	247.73	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	420.74	29.51	88.52	275.90	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 60

File Name: 2604960A
Description: T-504
Canister: 685
QC_Batch: 040326-GCK

Date Sampled: 03/20/26 **Time:** 9:56
Date Analyzed: 04/03/26 **Time:** 16:17
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	10.13	2.47	7.40	12.50	
115-07-1	Propene	1.33	4.00	111.18	2.30	6.90	191.83	
74-98-6	Propane	1.33	4.00	857.33	2.41	7.23	1,549.52	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	3.04	2.30	6.90	6.99	
106-97-8	n-Butane	1.00	3.00	180.87	2.38	7.14	430.68	
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	10.07	2.37	7.10	29.79	
109-67-1	1-Pentene	0.80	2.40	19.07	2.30	6.90	54.78	
109-66-0	n-Pentane	0.80	2.40	5.60	2.36	7.09	16.54	
646-04-8	t-2-Pentene	0.80	2.40	4.87	2.30	6.90	13.99	
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	0.70	2.36	7.07	2.48	J
287-92-3	Cyclopentane	0.80	2.40	9.25	2.30	6.90	26.58	
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	2.54	2.36	7.07	8.98	
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	4.02	2.36	7.07	14.21	
96-37-7	Methylcyclopentane	0.67	2.00	1.33	2.30	6.90	4.58	J
108-08-7	2,4-Dimethylpentane	0.57	1.71	9.27	2.35	7.04	38.08	
71-43-2	Benzene	0.67	2.00	12.92	2.13	6.40	41.35	
110-82-7	Cyclohexane	0.67	2.00	27.48	2.30	6.90	94.84	
591-76-4	2-Methylhexane	0.57	1.71	10.49	2.35	7.04	43.07	
565-59-3	2,3-Dimethylpentane	0.57	1.71	7.11	2.35	7.04	29.19	
589-34-4	3-Methylhexane	0.57	1.71	19.63	2.35	7.04	80.60	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	51.89	2.34	7.02	242.86	
142-82-5	n-Heptane	0.57	1.71	35.62	2.35	7.04	146.26	
108-87-2	Methylcyclohexane	0.57	1.71	48.28	2.30	6.90	194.30	
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	8.67	2.34	7.02	40.58	
108-88-3	Toluene	0.57	1.71	34.33	2.16	6.47	129.57	
592-27-8	2-Methylheptane	0.50	1.50	13.46	2.34	7.02	62.99	
589-81-1	3-Methylheptane	0.50	1.50	7.42	2.34	7.02	34.73	
111-65-9	n-Octane	0.50	1.50	11.09	2.34	7.02	51.89	
100-41-4	Ethylbenzene	0.50	1.50	21.76	2.18	6.53	94.70	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	7.50	2.18	6.53	32.65	
100-42-5	Styrene	0.50	1.50	3.53	2.14	6.41	15.09	
95-47-6	o-xylene	0.50	1.50	14.87	2.18	6.53	64.71	
111-84-2	n-Nonane	0.44	1.33	12.20	2.34	7.01	64.18	
98-82-8	i-Propylbenzene	0.44	1.33	4.55	2.19	6.57	22.42	
103-65-1	n-propylbenzene	0.44	1.33	122.41	2.19	6.57	603.00	
620-14-4	3-Ethyltoluene	0.44	1.33	2.93	2.19	6.57	14.42	
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	12.48	2.19	6.57	61.50	
611-14-3	2-Ethyltoluene	0.44	1.33	7.60	2.19	6.57	37.42	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	72.51	2.19	6.57	357.18	
124-18-5	n-Decane	0.40	1.20	3.11	2.33	7.00	18.16	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	1.53	2.19	6.57	7.54	
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	1,440.00	26.50	79.49	5,087.23	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	8,640.03	29.51	88.52	5,665.59	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 61

File Name: 2604961A
Description: T-505
Canister: 662
QC_Batch: 040326-GCK

Date Sampled: 03/20/26 **Time:** 11:17
Date Analyzed: 04/03/26 **Time:** 17:07
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.50	2.30	6.91	2.88	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.62	2.47	7.40	3.23	J
115-07-1	Propene	1.33	4.00	1.67	2.30	6.90	2.89	J
74-98-6	Propane	1.33	4.00	2.05	2.41	7.23	3.71	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	1.21	2.38	7.14	2.88	J
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	0.86	2.36	7.09	2.55	J
646-04-8	t-2-Pentene	0.80	2.40	1.21	2.30	6.90	3.47	J
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	0.72	2.36	7.07	2.54	J
287-92-3	Cyclopentane	0.80	2.40	1.66	2.30	6.90	4.78	J
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	2.38	2.36	7.07	8.39	
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	1.01	2.16	6.47	3.81	J
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	0.79	2.18	6.53	3.45	J
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	0.55	2.18	6.53	2.39	J
111-84-2	n-Nonane	0.44	1.33	0.45	2.34	7.01	2.34	J
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	0.97	2.19	6.57	4.78	J
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	0.48	2.19	6.57	2.36	J
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	0.63	2.19	6.57	3.10	J
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	1.48	2.33	7.00	8.65	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	22.51	26.50	79.49	79.51	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	135.05	29.51	88.52	88.55	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 62

File Name: 2604962A
Description: T-506
Canister: 635
QC_Batch: 040326-GCK

Date Sampled: 03/20/26 **Time:** 11:13
Date Analyzed: 04/03/26 **Time:** 17:57
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.39	2.30	6.91	2.76	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	3.17	2.47	7.40	3.92	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	1.49	2.41	7.23	2.69	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	1.50	2.38	7.14	3.56	J
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	1.18	2.36	7.09	3.49	J
646-04-8	t-2-Pentene	0.80	2.40	3.60	2.30	6.90	10.35	
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	0.74	2.36	7.07	2.61	J
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	2.69	2.36	7.07	9.52	
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	15.14	26.50	79.49	53.49	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	90.85	29.51	88.52	59.57	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 63

File Name: 2604963A
Description: T-507
Canister: 600
QC_Batch: 040326-GCK

Date Sampled: 03/20/26 **Time:** 11:20
Date Analyzed: 04/03/26 **Time:** 18:51
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.17	2.47	7.40	2.68	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	1.64	2.41	7.23	2.96	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	0.78	2.19	6.57	3.84	J
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 64

File Name: 2604964A
Description: T-508
Canister: 689
QC_Batch: 041626-GCK

Date Sampled: 03/20/26 **Time:** 11:10
Date Analyzed: 04/16/26 **Time:** 19:51
Can Factor: 1.61
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	3.22	9.66	ND	3.71	11.13	ND	ND
74-86-2	Acetylene	3.22	9.66	ND	3.43	10.30	ND	ND
74-84-0	Ethane	3.22	9.66	ND	3.97	11.92	ND	ND
115-07-1	Propene	2.15	6.44	ND	3.70	11.11	ND	ND
74-98-6	Propane	2.15	6.44	ND	3.88	11.64	ND	ND
75-28-5	i-Butane	1.61	4.83	ND	3.83	11.50	ND	ND
106-98-9	1-Butene	1.61	4.83	ND	3.70	11.11	ND	ND
106-97-8	n-Butane	1.61	4.83	ND	3.83	11.50	ND	ND
624-64-6	t-2-Butene	1.61	4.83	3.33	3.70	11.11	7.66	J
590-18-1	c-2-Butene	1.61	4.83	ND	3.70	11.11	ND	ND
78-78-4	i-Pentane	1.29	3.86	5.37	3.81	11.44	15.88	
109-67-1	1-Pentene	1.29	3.86	ND	3.70	11.10	ND	ND
109-66-0	n-Pentane	1.29	3.86	ND	3.81	11.42	ND	ND
646-04-8	t-2-Pentene	1.29	3.86	1.81	3.70	11.10	5.19	J
627-20-3	c-2-Pentene	1.29	3.86	ND	3.70	11.10	ND	ND
75-83-2	2,2-Dimethylbutane	1.07	3.22	ND	3.79	11.38	ND	ND
287-92-3	Cyclopentane	1.29	3.86	ND	3.70	11.10	ND	ND
79-29-8	2,3-Dimethylbutane	1.07	3.22	ND	3.79	11.38	ND	ND
107-83-5	2-Methylpentane	1.07	3.22	ND	3.79	11.38	ND	ND
96-14-0	3-Methylpentane	1.07	3.22	ND	3.79	11.38	ND	ND
110-54-3	n-Hexane	1.07	3.22	ND	3.79	11.38	ND	ND
96-37-7	Methylcyclopentane	1.07	3.22	ND	3.70	11.11	ND	ND
108-08-7	2,4-Dimethylpentane	0.92	2.76	ND	3.78	11.34	ND	ND
71-43-2	Benzene	1.07	3.22	ND	3.44	10.31	ND	ND
110-82-7	Cyclohexane	1.07	3.22	ND	3.70	11.11	ND	ND
591-76-4	2-Methylhexane	0.92	2.76	ND	3.78	11.34	ND	ND
565-59-3	2,3-Dimethylpentane	0.92	2.76	ND	3.78	11.34	ND	ND
589-34-4	3-Methylhexane	0.92	2.76	ND	3.78	11.34	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.81	2.42	ND	3.77	11.31	ND	ND
142-82-5	n-Heptane	0.92	2.76	ND	3.78	11.34	ND	ND
108-87-2	Methylcyclohexane	0.92	2.76	ND	3.70	11.11	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.81	2.42	ND	3.77	11.31	ND	ND
108-88-3	Toluene	0.92	2.76	ND	3.47	10.42	ND	ND
592-27-8	2-Methylheptane	0.81	2.42	ND	3.77	11.31	ND	ND
589-81-1	3-Methylheptane	0.81	2.42	ND	3.77	11.31	ND	ND
111-65-9	n-Octane	0.81	2.42	ND	3.77	11.31	ND	ND
100-41-4	Ethylbenzene	0.81	2.42	ND	3.50	10.51	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.81	2.42	ND	3.50	10.51	ND	ND
100-42-5	Styrene	0.81	2.42	ND	3.44	10.32	ND	ND
95-47-6	o-xylene	0.81	2.42	ND	3.50	10.51	ND	ND
111-84-2	n-Nonane	0.72	2.15	ND	3.76	11.29	ND	ND
98-82-8	i-Propylbenzene	0.72	2.15	ND	3.53	10.58	ND	ND
103-65-1	n-propylbenzene	0.72	2.15	ND	3.53	10.58	ND	ND
620-14-4	3-Ethyltoluene	0.72	2.15	ND	3.53	10.58	ND	ND
622-96-8	4-Ethyltoluene	0.72	2.15	ND	3.53	10.58	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.72	2.15	ND	3.53	10.58	ND	ND
611-14-3	2-Ethyltoluene	0.72	2.15	ND	3.53	10.58	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.72	2.15	2.69	3.53	10.58	13.24	
124-18-5	n-Decane	0.64	1.93	ND	3.76	11.27	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.72	2.15	ND	3.53	10.58	ND	ND
141-93-5	1,3-Diethylbenzene	0.64	1.93	ND	3.54	10.63	ND	ND
105-05-5	1,4-Diethylbenzene	0.64	1.93	ND	3.54	10.63	ND	ND
1120-21-4	Undecane	0.59	1.76	ND	3.75	11.25	ND	ND
112-40-3	Dodecane	0.54	1.61	ND	3.75	11.24	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	12.08	36.23	17.28	42.67	128.01	61.03	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	72.47	217.40	103.65	47.52	142.56	67.97	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 65

File Name: 2604965A
Description: T-509
Canister: 701
QC_Batch: 041626-GCK

Date Sampled: 03/20/26 **Time:** 11:11
Date Analyzed: 04/16/26 **Time:** 20:38
Can Factor: 1.60
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	3.19	9.58	3.23	3.68	11.03	3.72	J
74-86-2	Acetylene	3.19	9.58	ND	3.40	10.21	ND	ND
74-84-0	Ethane	3.19	9.58	ND	3.94	11.82	ND	ND
115-07-1	Propene	2.13	6.39	ND	3.67	11.02	ND	ND
74-98-6	Propane	2.13	6.39	ND	3.85	11.55	ND	ND
75-28-5	i-Butane	1.60	4.79	ND	3.80	11.41	ND	ND
106-98-9	1-Butene	1.60	4.79	ND	3.67	11.02	ND	ND
106-97-8	n-Butane	1.60	4.79	ND	3.80	11.41	ND	ND
624-64-6	t-2-Butene	1.60	4.79	2.15	3.67	11.02	4.94	J
590-18-1	c-2-Butene	1.60	4.79	ND	3.67	11.02	ND	ND
78-78-4	i-Pentane	1.28	3.83	6.25	3.78	11.34	18.48	
109-67-1	1-Pentene	1.28	3.83	ND	3.67	11.01	ND	ND
109-66-0	n-Pentane	1.28	3.83	ND	3.78	11.33	ND	ND
646-04-8	t-2-Pentene	1.28	3.83	1.60	3.67	11.01	4.59	J
627-20-3	c-2-Pentene	1.28	3.83	ND	3.67	11.01	ND	ND
75-83-2	2,2-Dimethylbutane	1.06	3.19	ND	3.76	11.28	ND	ND
287-92-3	Cyclopentane	1.28	3.83	ND	3.67	11.01	ND	ND
79-29-8	2,3-Dimethylbutane	1.06	3.19	ND	3.76	11.28	ND	ND
107-83-5	2-Methylpentane	1.06	3.19	ND	3.76	11.28	ND	ND
96-14-0	3-Methylpentane	1.06	3.19	1.77	3.76	11.28	6.24	J
110-54-3	n-Hexane	1.06	3.19	2.99	3.76	11.28	10.56	J
96-37-7	Methylcyclopentane	1.06	3.19	ND	3.67	11.02	ND	ND
108-08-7	2,4-Dimethylpentane	0.91	2.74	ND	3.75	11.24	ND	ND
71-43-2	Benzene	1.06	3.19	ND	3.41	10.22	ND	ND
110-82-7	Cyclohexane	1.06	3.19	ND	3.67	11.02	ND	ND
591-76-4	2-Methylhexane	0.91	2.74	ND	3.75	11.24	ND	ND
565-59-3	2,3-Dimethylpentane	0.91	2.74	ND	3.75	11.24	ND	ND
589-34-4	3-Methylhexane	0.91	2.74	ND	3.75	11.24	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.80	2.40	ND	3.74	11.21	ND	ND
142-82-5	n-Heptane	0.91	2.74	ND	3.75	11.24	ND	ND
108-87-2	Methylcyclohexane	0.91	2.74	ND	3.67	11.02	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.80	2.40	ND	3.74	11.21	ND	ND
108-88-3	Toluene	0.91	2.74	ND	3.44	10.33	ND	ND
592-27-8	2-Methylheptane	0.80	2.40	ND	3.74	11.21	ND	ND
589-81-1	3-Methylheptane	0.80	2.40	ND	3.74	11.21	ND	ND
111-65-9	n-Octane	0.80	2.40	ND	3.74	11.21	ND	ND
100-41-4	Ethylbenzene	0.80	2.40	ND	3.48	10.43	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.80	2.40	ND	3.48	10.43	ND	ND
100-42-5	Styrene	0.80	2.40	ND	3.41	10.23	ND	ND
95-47-6	o-xylene	0.80	2.40	ND	3.48	10.43	ND	ND
111-84-2	n-Nonane	0.71	2.13	ND	3.73	11.20	ND	ND
98-82-8	i-Propylbenzene	0.71	2.13	ND	3.50	10.49	ND	ND
103-65-1	n-propylbenzene	0.71	2.13	ND	3.50	10.49	ND	ND
620-14-4	3-Ethyltoluene	0.71	2.13	ND	3.50	10.49	ND	ND
622-96-8	4-Ethyltoluene	0.71	2.13	ND	3.50	10.49	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.71	2.13	ND	3.50	10.49	ND	ND
611-14-3	2-Ethyltoluene	0.71	2.13	ND	3.50	10.49	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.71	2.13	1.28	3.50	10.49	6.30	J
124-18-5	n-Decane	0.64	1.92	ND	3.73	11.18	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.71	2.13	ND	3.50	10.49	ND	ND
141-93-5	1,3-Diethylbenzene	0.64	1.92	ND	3.51	10.54	ND	ND
105-05-5	1,4-Diethylbenzene	0.64	1.92	ND	3.51	10.54	ND	ND
1120-21-4	Undecane	0.58	1.74	ND	3.72	11.16	ND	ND
112-40-3	Dodecane	0.53	1.60	ND	3.72	11.15	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	11.98	35.93	20.48	42.31	126.94	72.35	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	71.86	215.59	122.88	47.12	141.37	80.58	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 66

File Name: 2604966A
Description: T-510
Canister: 888
QC_Batch: 032526-GCK

Date Sampled: 03/20/26 **Time:** 11:45
Date Analyzed: 03/25/26 **Time:** 20:05
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	3.20	2.30	6.91	3.68	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.84	2.47	7.40	3.50	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	1.68	2.30	6.90	3.86	J
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 01

File Name: 2604901A
Description: T-101
Canister: 850
QC_Batch: 041626-GCK

Date Sampled: 03/16/26 **Time:** 11:20
Date Analyzed: 04/16/26 **Time:** 16:36
Can Factor: 1.48
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.97	8.90	4.23	3.41	10.24	4.87	J
74-86-2	Acetylene	2.97	8.90	ND	3.16	9.48	ND	ND
74-84-0	Ethane	2.97	8.90	3.27	3.66	10.97	4.04	J
115-07-1	Propene	1.98	5.93	2.00	3.41	10.23	3.45	J
74-98-6	Propane	1.98	5.93	2.40	3.57	10.72	4.33	J
75-28-5	i-Butane	1.48	4.45	ND	3.53	10.59	ND	ND
106-98-9	1-Butene	1.48	4.45	ND	3.41	10.23	ND	ND
106-97-8	n-Butane	1.48	4.45	ND	3.53	10.59	ND	ND
624-64-6	t-2-Butene	1.48	4.45	ND	3.41	10.23	ND	ND
590-18-1	c-2-Butene	1.48	4.45	ND	3.41	10.23	ND	ND
78-78-4	i-Pentane	1.19	3.56	ND	3.51	10.53	ND	ND
109-67-1	1-Pentene	1.19	3.56	ND	3.41	10.22	ND	ND
109-66-0	n-Pentane	1.19	3.56	ND	3.50	10.51	ND	ND
646-04-8	t-2-Pentene	1.19	3.56	8.31	3.41	10.22	23.87	
627-20-3	c-2-Pentene	1.19	3.56	ND	3.41	10.22	ND	ND
75-83-2	2,2-Dimethylbutane	0.99	2.97	ND	3.49	10.48	ND	ND
287-92-3	Cyclopentane	1.19	3.56	ND	3.41	10.22	ND	ND
79-29-8	2,3-Dimethylbutane	0.99	2.97	ND	3.49	10.48	ND	ND
107-83-5	2-Methylpentane	0.99	2.97	1.03	3.49	10.48	3.62	J
96-14-0	3-Methylpentane	0.99	2.97	2.91	3.49	10.48	10.28	J
110-54-3	n-Hexane	0.99	2.97	4.94	3.49	10.48	17.45	
96-37-7	Methylcyclopentane	0.99	2.97	ND	3.41	10.23	ND	ND
108-08-7	2,4-Dimethylpentane	0.85	2.54	1.21	3.48	10.44	4.96	J
71-43-2	Benzene	0.99	2.97	ND	3.16	9.49	ND	ND
110-82-7	Cyclohexane	0.99	2.97	ND	3.41	10.23	ND	ND
591-76-4	2-Methylhexane	0.85	2.54	ND	3.48	10.44	ND	ND
565-59-3	2,3-Dimethylpentane	0.85	2.54	ND	3.48	10.44	ND	ND
589-34-4	3-Methylhexane	0.85	2.54	ND	3.48	10.44	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.74	2.22	ND	3.47	10.41	ND	ND
142-82-5	n-Heptane	0.85	2.54	ND	3.48	10.44	ND	ND
108-87-2	Methylcyclohexane	0.85	2.54	ND	3.41	10.23	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.74	2.22	ND	3.47	10.41	ND	ND
108-88-3	Toluene	0.85	2.54	ND	3.20	9.59	ND	ND
592-27-8	2-Methylheptane	0.74	2.22	ND	3.47	10.41	ND	ND
589-81-1	3-Methylheptane	0.74	2.22	ND	3.47	10.41	ND	ND
111-65-9	n-Octane	0.74	2.22	ND	3.47	10.41	ND	ND
100-41-4	Ethylbenzene	0.74	2.22	ND	3.23	9.68	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.74	2.22	ND	3.23	9.68	ND	ND
100-42-5	Styrene	0.74	2.22	ND	3.17	9.50	ND	ND
95-47-6	o-xylene	0.74	2.22	ND	3.23	9.68	ND	ND
111-84-2	n-Nonane	0.66	1.98	ND	3.46	10.39	ND	ND
98-82-8	i-Propylbenzene	0.66	1.98	ND	3.25	9.74	ND	ND
103-65-1	n-propylbenzene	0.66	1.98	ND	3.25	9.74	ND	ND
620-14-4	3-Ethyltoluene	0.66	1.98	ND	3.25	9.74	ND	ND
622-96-8	4-Ethyltoluene	0.66	1.98	ND	3.25	9.74	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.66	1.98	ND	3.25	9.74	ND	ND
611-14-3	2-Ethyltoluene	0.66	1.98	ND	3.25	9.74	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.66	1.98	1.40	3.25	9.74	6.87	J
124-18-5	n-Decane	0.59	1.78	ND	3.46	10.38	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.66	1.98	ND	3.25	9.74	ND	ND
141-93-5	1,3-Diethylbenzene	0.59	1.78	2.91	3.26	9.79	15.99	
105-05-5	1,4-Diethylbenzene	0.59	1.78	ND	3.26	9.79	ND	ND
1120-21-4	Undecane	0.54	1.62	ND	3.45	10.36	ND	ND
112-40-3	Dodecane	0.49	1.48	ND	3.45	10.35	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	11.12	33.36	31.26	39.28	117.85	110.44	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	66.72	200.16	187.56	43.75	131.25	122.99	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 02

File Name: 2604902A
Description: T-102
Canister: 738
QC_Batch: 041626-GCK

Date Sampled: 03/16/26 **Time:** 11:13
Date Analyzed: 04/16/26 **Time:** 17:23
Can Factor: 1.27
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.54	7.63	ND	2.93	8.79	ND	ND
74-86-2	Acetylene	2.54	7.63	ND	2.71	8.13	ND	ND
74-84-0	Ethane	2.54	7.63	3.22	3.14	9.42	3.98	J
115-07-1	Propene	1.70	5.09	ND	2.93	8.78	ND	ND
74-98-6	Propane	1.70	5.09	2.09	3.07	9.20	3.77	J
75-28-5	i-Butane	1.27	3.82	ND	3.03	9.09	ND	ND
106-98-9	1-Butene	1.27	3.82	ND	2.92	8.77	ND	ND
106-97-8	n-Butane	1.27	3.82	2.34	3.03	9.09	5.56	J
624-64-6	t-2-Butene	1.27	3.82	2.06	2.92	8.77	4.74	J
590-18-1	c-2-Butene	1.27	3.82	ND	2.92	8.77	ND	ND
78-78-4	i-Pentane	1.02	3.05	ND	3.01	9.03	ND	ND
109-67-1	1-Pentene	1.02	3.05	ND	2.92	8.77	ND	ND
109-66-0	n-Pentane	1.02	3.05	ND	3.01	9.02	ND	ND
646-04-8	t-2-Pentene	1.02	3.05	2.65	2.92	8.77	7.61	J
627-20-3	c-2-Pentene	1.02	3.05	ND	2.92	8.77	ND	ND
75-83-2	2,2-Dimethylbutane	0.85	2.54	ND	3.00	8.99	ND	ND
287-92-3	Cyclopentane	1.02	3.05	ND	2.92	8.77	ND	ND
79-29-8	2,3-Dimethylbutane	0.85	2.54	ND	3.00	8.99	ND	ND
107-83-5	2-Methylpentane	0.85	2.54	ND	3.00	8.99	ND	ND
96-14-0	3-Methylpentane	0.85	2.54	ND	3.00	8.99	ND	ND
110-54-3	n-Hexane	0.85	2.54	0.87	3.00	8.99	3.07	J
96-37-7	Methylcyclopentane	0.85	2.54	ND	2.93	8.78	ND	ND
108-08-7	2,4-Dimethylpentane	0.73	2.18	ND	2.98	8.95	ND	ND
71-43-2	Benzene	0.85	2.54	ND	2.71	8.14	ND	ND
110-82-7	Cyclohexane	0.85	2.54	ND	2.93	8.78	ND	ND
591-76-4	2-Methylhexane	0.73	2.18	ND	2.98	8.95	ND	ND
565-59-3	2,3-Dimethylpentane	0.73	2.18	ND	2.98	8.95	ND	ND
589-34-4	3-Methylhexane	0.73	2.18	ND	2.98	8.95	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.64	1.91	ND	2.98	8.93	ND	ND
142-82-5	n-Heptane	0.73	2.18	ND	2.98	8.95	ND	ND
108-87-2	Methylcyclohexane	0.73	2.18	ND	2.93	8.78	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.64	1.91	ND	2.98	8.93	ND	ND
108-88-3	Toluene	0.73	2.18	ND	2.74	8.23	ND	ND
592-27-8	2-Methylheptane	0.64	1.91	ND	2.98	8.93	ND	ND
589-81-1	3-Methylheptane	0.64	1.91	ND	2.98	8.93	ND	ND
111-65-9	n-Octane	0.64	1.91	ND	2.98	8.93	ND	ND
100-41-4	Ethylbenzene	0.64	1.91	ND	2.77	8.30	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.64	1.91	ND	2.77	8.30	ND	ND
100-42-5	Styrene	0.64	1.91	ND	2.72	8.15	ND	ND
95-47-6	o-xylene	0.64	1.91	ND	2.77	8.30	ND	ND
111-84-2	n-Nonane	0.57	1.70	ND	2.97	8.92	ND	ND
98-82-8	i-Propylbenzene	0.57	1.70	ND	2.79	8.36	ND	ND
103-65-1	n-propylbenzene	0.57	1.70	ND	2.79	8.36	ND	ND
620-14-4	3-Ethyltoluene	0.57	1.70	0.67	2.79	8.36	3.30	J
622-96-8	4-Ethyltoluene	0.57	1.70	ND	2.79	8.36	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.57	1.70	ND	2.79	8.36	ND	ND
611-14-3	2-Ethyltoluene	0.57	1.70	ND	2.79	8.36	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.57	1.70	4.26	2.79	8.36	20.98	
124-18-5	n-Decane	0.51	1.53	ND	2.97	8.90	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.57	1.70	ND	2.79	8.36	ND	ND
141-93-5	1,3-Diethylbenzene	0.51	1.53	ND	2.80	8.40	ND	ND
105-05-5	1,4-Diethylbenzene	0.51	1.53	ND	2.80	8.40	ND	ND
1120-21-4	Undecane	0.46	1.39	ND	2.96	8.89	ND	ND
112-40-3	Dodecane	0.42	1.27	ND	2.96	8.88	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	9.54	28.62	19.02	33.70	101.11	67.19	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	57.24	171.73	114.11	37.54	112.61	74.82	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 03

File Name: 2604903A
Description: T-103
Canister: 889
QC_Batch: 041626-GCK

Date Sampled: 03/16/26 **Time:** 11:09
Date Analyzed: 04/16/26 **Time:** 18:19
Can Factor: 1.43
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.85	8.56	15.00	3.28	9.85	17.27	
74-86-2	Acetylene	2.85	8.56	ND	3.04	9.12	ND	ND
74-84-0	Ethane	2.85	8.56	14.82	3.52	10.55	18.28	
115-07-1	Propene	1.90	5.70	54.58	3.28	9.84	94.16	
74-98-6	Propane	1.90	5.70	45.24	3.44	10.31	81.77	
75-28-5	i-Butane	1.43	4.28	ND	3.40	10.19	ND	ND
106-98-9	1-Butene	1.43	4.28	ND	3.28	9.84	ND	ND
106-97-8	n-Butane	1.43	4.28	97.62	3.40	10.19	232.46	
624-64-6	t-2-Butene	1.43	4.28	2.14	3.28	9.84	4.92	J
590-18-1	c-2-Butene	1.43	4.28	ND	3.28	9.84	ND	ND
78-78-4	i-Pentane	1.14	3.42	1.83	3.38	10.13	5.42	J
109-67-1	1-Pentene	1.14	3.42	16.39	3.28	9.83	47.09	
109-66-0	n-Pentane	1.14	3.42	1.62	3.37	10.11	4.79	J
646-04-8	t-2-Pentene	1.14	3.42	16.58	3.28	9.83	47.63	
627-20-3	c-2-Pentene	1.14	3.42	ND	3.28	9.83	ND	ND
75-83-2	2,2-Dimethylbutane	0.95	2.85	ND	3.36	10.07	ND	ND
287-92-3	Cyclopentane	1.14	3.42	ND	3.28	9.83	ND	ND
79-29-8	2,3-Dimethylbutane	0.95	2.85	ND	3.36	10.07	ND	ND
107-83-5	2-Methylpentane	0.95	2.85	1.63	3.36	10.07	5.77	J
96-14-0	3-Methylpentane	0.95	2.85	3.52	3.36	10.07	12.45	
110-54-3	n-Hexane	0.95	2.85	2.61	3.36	10.07	9.22	J
96-37-7	Methylcyclopentane	0.95	2.85	ND	3.28	9.84	ND	ND
108-08-7	2,4-Dimethylpentane	0.81	2.44	1.13	3.35	10.04	4.62	J
71-43-2	Benzene	0.95	2.85	10.14	3.04	9.13	32.47	
110-82-7	Cyclohexane	0.95	2.85	1.59	3.28	9.84	5.47	J
591-76-4	2-Methylhexane	0.81	2.44	1.54	3.35	10.04	6.32	J
565-59-3	2,3-Dimethylpentane	0.81	2.44	1.12	3.35	10.04	4.59	J
589-34-4	3-Methylhexane	0.81	2.44	1.81	3.35	10.04	7.44	J
540-84-1	2,2,4-Trimethylpentane	0.71	2.14	8.09	3.34	10.01	37.88	
142-82-5	n-Heptane	0.81	2.44	3.58	3.35	10.04	14.70	
108-87-2	Methylcyclohexane	0.81	2.44	7.12	3.28	9.84	28.67	
565-75-3	2,3,4-Trimethylpentane	0.71	2.14	3.62	3.34	10.01	16.93	
108-88-3	Toluene	0.81	2.44	25.35	3.08	9.23	95.67	
592-27-8	2-Methylheptane	0.71	2.14	5.73	3.34	10.01	26.83	
589-81-1	3-Methylheptane	0.71	2.14	2.53	3.34	10.01	11.82	
111-65-9	n-Octane	0.71	2.14	6.44	3.34	10.01	30.15	
100-41-4	Ethylbenzene	0.71	2.14	21.74	3.10	9.31	94.64	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.71	2.14	30.41	3.10	9.31	132.38	
100-42-5	Styrene	0.71	2.14	3.77	3.04	9.13	16.10	
95-47-6	o-xylene	0.71	2.14	13.28	3.10	9.31	57.79	
111-84-2	n-Nonane	0.63	1.90	18.96	3.33	10.00	99.67	
98-82-8	i-Propylbenzene	0.63	1.90	7.53	3.12	9.37	37.10	
103-65-1	n-propylbenzene	0.63	1.90	56.35	3.12	9.37	277.60	
620-14-4	3-Ethyltoluene	0.63	1.90	8.37	3.12	9.37	41.24	
622-96-8	4-Ethyltoluene	0.63	1.90	49.76	3.12	9.37	245.14	
108-67-8	1,3,5-Trimethylbenzene	0.63	1.90	9.40	3.12	9.37	46.29	
611-14-3	2-Ethyltoluene	0.63	1.90	23.52	3.12	9.37	115.86	
95-63-6	1,2,4-Trimethylbenzene	0.63	1.90	37.94	3.12	9.37	186.88	
124-18-5	n-Decane	0.57	1.71	14.88	3.33	9.98	86.77	
526-73-8	1,2,3-Trimethylbenzene	0.63	1.90	9.74	3.12	9.37	47.99	
141-93-5	1,3-Diethylbenzene	0.57	1.71	4.79	3.14	9.41	26.34	
105-05-5	1,4-Diethylbenzene	0.57	1.71	3.02	3.14	9.41	16.61	
1120-21-4	Undecane	0.52	1.56	ND	3.32	9.96	ND	ND
112-40-3	Dodecane	0.48	1.43	ND	3.32	9.95	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	10.69	32.08	723.91	37.78	113.34	2,557.42	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	64.17	192.50	4,343.47	42.08	126.23	2,848.18	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 04

File Name: 2604904A
Description: T-104
Canister: 627
QC_Batch: 032626-GCK

Date Sampled: 03/16/26 **Time:** 11:19
Date Analyzed: 03/27/26 **Time:** 15:50
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	135.44	2.30	6.91	155.98	
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	133.87	2.47	7.40	165.15	
115-07-1	Propene	1.33	4.00	316.47	2.30	6.90	546.04	
74-98-6	Propane	1.33	4.00	666.19	2.41	7.23	1,204.05	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	339.28	2.38	7.14	807.86	
624-64-6	t-2-Butene	1.00	3.00	191.79	2.30	6.90	440.96	
590-18-1	c-2-Butene	1.00	3.00	2.51	2.30	6.90	5.78	J
78-78-4	i-Pentane	0.80	2.40	12.01	2.37	7.10	35.54	
109-67-1	1-Pentene	0.80	2.40	5.96	2.30	6.90	17.11	
109-66-0	n-Pentane	0.80	2.40	9.54	2.36	7.09	28.20	
646-04-8	t-2-Pentene	0.80	2.40	6.76	2.30	6.90	19.41	
627-20-3	c-2-Pentene	0.80	2.40	2.58	2.30	6.90	7.42	
75-83-2	2,2-Dimethylbutane	0.67	2.00	1.05	2.36	7.07	3.70	J
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	4.04	2.36	7.07	14.27	
96-14-0	3-Methylpentane	0.67	2.00	2.89	2.36	7.07	10.21	
110-54-3	n-Hexane	0.67	2.00	3.91	2.36	7.07	13.82	
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	3.35	2.35	7.04	13.75	
71-43-2	Benzene	0.67	2.00	6.77	2.13	6.40	21.66	
110-82-7	Cyclohexane	0.67	2.00	3.55	2.30	6.90	12.26	
591-76-4	2-Methylhexane	0.57	1.71	2.27	2.35	7.04	9.33	
565-59-3	2,3-Dimethylpentane	0.57	1.71	1.65	2.35	7.04	6.78	J
589-34-4	3-Methylhexane	0.57	1.71	3.92	2.35	7.04	16.12	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	13.14	2.34	7.02	61.49	
142-82-5	n-Heptane	0.57	1.71	5.09	2.35	7.04	20.91	
108-87-2	Methylcyclohexane	0.57	1.71	11.44	2.30	6.90	46.04	
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	2.22	2.34	7.02	10.39	
108-88-3	Toluene	0.57	1.71	19.36	2.16	6.47	73.06	
592-27-8	2-Methylheptane	0.50	1.50	4.09	2.34	7.02	19.13	
589-81-1	3-Methylheptane	0.50	1.50	2.38	2.34	7.02	11.15	
111-65-9	n-Octane	0.50	1.50	3.43	2.34	7.02	16.05	
100-41-4	Ethylbenzene	0.50	1.50	9.87	2.18	6.53	42.96	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	17.27	2.18	6.53	75.15	
100-42-5	Styrene	0.50	1.50	4.50	2.14	6.41	19.23	
95-47-6	o-xylene	0.50	1.50	17.10	2.18	6.53	74.43	
111-84-2	n-Nonane	0.44	1.33	6.14	2.34	7.01	32.26	
98-82-8	i-Propylbenzene	0.44	1.33	2.99	2.19	6.57	14.74	
103-65-1	n-propylbenzene	0.44	1.33	52.63	2.19	6.57	259.29	
620-14-4	3-Ethyltoluene	0.44	1.33	3.89	2.19	6.57	19.18	
622-96-8	4-Ethyltoluene	0.44	1.33	21.23	2.19	6.57	104.57	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	9.67	2.19	6.57	47.63	
611-14-3	2-Ethyltoluene	0.44	1.33	9.93	2.19	6.57	48.93	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	4.80	2.19	6.57	23.64	
124-18-5	n-Decane	0.40	1.20	6.90	2.33	7.00	40.26	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	4.68	2.19	6.57	23.07	
141-93-5	1,3-Diethylbenzene	0.40	1.20	3.84	2.20	6.60	21.13	
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	1,336.78	26.50	79.49	4,722.55	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	8,020.67	29.51	88.52	5,259.46	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 05

File Name: 2604905A
Description: T-105
Canister: 760
QC_Batch: 032626-GCK

Date Sampled: 03/16/26 **Time:** 12:34
Date Analyzed: 03/27/26 **Time:** 16:42
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.93	2.30	6.91	3.38	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	4.61	2.47	7.40	5.68	J
115-07-1	Propene	1.33	4.00	4.15	2.30	6.90	7.16	
74-98-6	Propane	1.33	4.00	3.13	2.41	7.23	5.65	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	1.32	2.30	6.90	3.03	J
106-97-8	n-Butane	1.00	3.00	1.25	2.38	7.14	2.98	J
624-64-6	t-2-Butene	1.00	3.00	3.24	2.30	6.90	7.45	
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	4.26	2.30	6.90	12.23	
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	0.68	2.36	7.07	2.39	J
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	30.74	2.13	6.40	98.40	
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	0.61	2.35	7.04	2.51	J
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	5.69	2.35	7.04	23.39	
108-87-2	Methylcyclohexane	0.57	1.71	0.79	2.30	6.90	3.16	J
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	0.77	2.34	7.02	3.60	J
108-88-3	Toluene	0.57	1.71	7.03	2.16	6.47	26.54	
592-27-8	2-Methylheptane	0.50	1.50	0.96	2.34	7.02	4.49	J
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	2.96	2.34	7.02	13.83	
100-41-4	Ethylbenzene	0.50	1.50	2.96	2.18	6.53	12.90	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	5.60	2.18	6.53	24.36	
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	1.79	2.18	6.53	7.81	
111-84-2	n-Nonane	0.44	1.33	2.02	2.34	7.01	10.62	
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	2.42	2.19	6.57	11.92	
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	1.84	2.19	6.57	9.05	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	0.76	2.19	6.57	3.72	J
611-14-3	2-Ethyltoluene	0.44	1.33	1.14	2.19	6.57	5.59	J
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	0.74	2.19	6.57	3.63	J
124-18-5	n-Decane	0.40	1.20	2.34	2.33	7.00	13.64	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	6.82	2.20	6.60	37.53	
105-05-5	1,4-Diethylbenzene	0.40	1.20	0.80	2.20	6.60	4.39	J
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	116.33	26.50	79.49	410.96	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	697.96	29.51	88.52	457.68	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 06

File Name: 2604906A
Description: T-106
Canister: 781
QC_Batch: 032626-GCK

Date Sampled: 03/16/26 **Time:** 12:37
Date Analyzed: 03/27/26 **Time:** 17:29
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.20	2.30	6.91	2.53	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	3.23	2.47	7.40	3.98	J
115-07-1	Propene	1.33	4.00	1.98	2.30	6.90	3.41	J
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	0.89	2.30	6.90	2.57	J
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	5.05	2.13	6.40	16.16	
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	1.16	2.35	7.04	4.76	J
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	0.77	2.16	6.47	2.91	J
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	0.77	2.34	7.02	3.60	J
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	1.08	2.19	6.57	5.30	J
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	0.59	2.19	6.57	2.88	J
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	0.47	2.19	6.57	2.33	J
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	1.31	2.33	7.00	7.65	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	0.62	2.19	6.57	3.06	J
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	22.58	26.50	79.49	79.78	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	135.49	29.51	88.52	88.85	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 07

File Name: 2604907B
Description: T-107
Canister: 712
QC_Batch: 032626-GCK

Date Sampled: 03/16/26 **Time:** 12:27
Date Analyzed: 03/27/26 **Time:** 19:43
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	3.80	2.30	6.91	4.37	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	8.03	2.47	7.40	9.90	
115-07-1	Propene	1.33	4.00	12.10	2.30	6.90	20.88	
74-98-6	Propane	1.33	4.00	4.67	2.41	7.23	8.44	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	2.57	2.38	7.14	6.13	J
624-64-6	t-2-Butene	1.00	3.00	18.10	2.30	6.90	41.62	
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	1.40	2.30	6.90	4.02	J
109-66-0	n-Pentane	0.80	2.40	1.75	2.36	7.09	5.18	J
646-04-8	t-2-Pentene	0.80	2.40	7.80	2.30	6.90	22.42	
627-20-3	c-2-Pentene	0.80	2.40	1.14	2.30	6.90	3.28	J
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	1.03	2.36	7.07	3.65	J
96-37-7	Methylcyclopentane	0.67	2.00	0.76	2.30	6.90	2.63	J
108-08-7	2,4-Dimethylpentane	0.57	1.71	0.62	2.35	7.04	2.55	J
71-43-2	Benzene	0.67	2.00	70.87	2.13	6.40	226.85	
110-82-7	Cyclohexane	0.67	2.00	0.99	2.30	6.90	3.41	J
591-76-4	2-Methylhexane	0.57	1.71	0.85	2.35	7.04	3.48	J
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	2.20	2.35	7.04	9.02	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	0.95	2.34	7.02	4.47	J
142-82-5	n-Heptane	0.57	1.71	8.13	2.35	7.04	33.38	
108-87-2	Methylcyclohexane	0.57	1.71	1.19	2.30	6.90	4.80	J
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	2.34	2.34	7.02	10.95	
108-88-3	Toluene	0.57	1.71	15.69	2.16	6.47	59.21	
592-27-8	2-Methylheptane	0.50	1.50	1.31	2.34	7.02	6.11	J
589-81-1	3-Methylheptane	0.50	1.50	0.70	2.34	7.02	3.26	J
111-65-9	n-Octane	0.50	1.50	4.16	2.34	7.02	19.49	
100-41-4	Ethylbenzene	0.50	1.50	3.17	2.18	6.53	13.80	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	7.94	2.18	6.53	34.57	
100-42-5	Styrene	0.50	1.50	0.57	2.14	6.41	2.44	J
95-47-6	o-xylene	0.50	1.50	2.41	2.18	6.53	10.49	
111-84-2	n-Nonane	0.44	1.33	2.47	2.34	7.01	13.01	
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	4.03	2.19	6.57	19.84	
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	2.53	2.19	6.57	12.48	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	0.77	2.19	6.57	3.77	J
611-14-3	2-Ethyltoluene	0.44	1.33	0.53	2.19	6.57	2.63	J
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	1.16	2.19	6.57	5.70	J
124-18-5	n-Decane	0.40	1.20	1.50	2.33	7.00	8.75	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	197.51	26.50	79.49	697.76	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	1,185.06	29.51	88.52	777.09	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 08

File Name: 2604908A
Description: T-108
Canister: 880
QC_Batch: 032726-GCK

Date Sampled: 03/16/26 **Time:** 12:41
Date Analyzed: 03/27/26 **Time:** 12:28
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.50	2.30	6.91	2.88	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	3.08	2.47	7.40	3.81	J
115-07-1	Propene	1.33	4.00	2.82	2.30	6.90	4.86	J
74-98-6	Propane	1.33	4.00	2.27	2.41	7.23	4.11	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	1.49	2.38	7.14	3.55	J
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	4.81	2.37	7.10	14.24	
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	0.99	2.30	6.90	2.85	J
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	7.92	2.13	6.40	25.35	
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	1.61	2.35	7.04	6.60	J
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	1.37	2.16	6.47	5.15	J
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	0.71	2.34	7.02	3.33	J
100-41-4	Ethylbenzene	0.50	1.50	0.76	2.18	6.53	3.31	J

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	1.09	2.18	6.53	4.76	J
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	0.59	2.34	7.01	3.10	J
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	1.61	2.19	6.57	7.92	
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	1.31	2.19	6.57	6.45	J
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	0.61	2.19	6.57	3.01	J
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	0.47	2.19	6.57	2.30	J
124-18-5	n-Decane	0.40	1.20	1.18	2.33	7.00	6.90	J
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	1.04	2.19	6.57	5.10	J
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	38.29	26.50	79.49	135.27	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	229.74	29.51	88.52	150.65	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 09

File Name: 2604909A
Description: T-109
Canister: 710
QC_Batch: 032726-GCK

Date Sampled: 03/16/26 **Time:** 13:43
Date Analyzed: 03/27/26 **Time:** 13:24
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	3.08	2.47	7.40	3.80	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	1.59	2.41	7.23	2.88	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	0.77	2.13	6.40	2.48	J
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	0.96	2.16	6.47	3.63	J
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	0.55	2.18	6.53	2.41	J

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	1.70	2.18	6.53	7.38	
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	9.60	26.50	79.49	33.93	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	57.62	29.51	88.52	37.78	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 10

File Name: 2604910A
Description: T-110
Canister: 618
QC_Batch: 032726-GCK

Date Sampled: 03/16/26 **Time:** 13:51
Date Analyzed: 03/27/26 **Time:** 16:28
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.79	2.47	7.40	3.45	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	2.25	2.41	7.23	4.07	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	2.55	2.38	7.14	6.06	J
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	4.59	2.37	7.10	13.57	
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	1.77	2.18	6.53	7.69	
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	0.51	2.18	6.53	2.23	J
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	15.84	26.50	79.49	55.97	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	95.06	29.51	88.52	62.33	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 11

File Name: 2604911A
Description: T-111
Canister: 856
QC_Batch: 032726-GCK

Date Sampled: 03/16/26 **Time:** 14:04
Date Analyzed: 03/27/26 **Time:** 17:16
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.62	2.30	6.91	3.01	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.75	2.47	7.40	3.39	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	1.47	2.41	7.23	2.66	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	9.93	2.38	7.14	23.65	
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	4.50	2.37	7.10	13.33	
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	1.10	2.30	6.90	3.15	J
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	1.00	2.13	6.40	3.21	J
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	0.58	2.19	6.57	2.86	J
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	17.80	26.50	79.49	62.89	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	106.80	29.51	88.52	70.04	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 12

File Name: 2604912A
Description: T-112
Canister: 679
QC_Batch: 032726-GCK

Date Sampled: 03/16/26 **Time:** 12:57
Date Analyzed: 03/27/26 **Time:** 18:04
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	3.47	2.30	6.91	4.00	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	ND	2.47	7.40	ND	ND
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	2.05	2.30	6.90	4.72	J
106-97-8	n-Butane	1.00	3.00	2.62	2.38	7.14	6.24	J
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	4.71	2.30	6.90	13.53	
109-66-0	n-Pentane	0.80	2.40	1.45	2.36	7.09	4.30	J
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	0.68	2.36	7.07	2.39	J
287-92-3	Cyclopentane	0.80	2.40	1.64	2.30	6.90	4.72	J
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	2.15	2.35	7.04	8.81	
565-59-3	2,3-Dimethylpentane	0.57	1.71	5.95	2.35	7.04	24.42	
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	3.51	2.34	7.02	16.42	
108-88-3	Toluene	0.57	1.71	0.97	2.16	6.47	3.65	J
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	1.52	2.34	7.02	7.10	
100-41-4	Ethylbenzene	0.50	1.50	2.71	2.18	6.53	11.79	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	2.91	2.14	6.41	12.42	
95-47-6	o-xylene	0.50	1.50	1.50	2.18	6.53	6.53	
111-84-2	n-Nonane	0.44	1.33	0.77	2.34	7.01	4.03	J
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	25.04	2.19	6.57	123.33	
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	6.22	2.19	6.57	30.62	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	0.57	2.19	6.57	2.81	J
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	15.26	2.33	7.00	88.99	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	0.57	2.20	6.60	3.15	J
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	359.13	26.50	79.49	1,268.72	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	2,154.76	29.51	88.52	1,412.96	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 13

File Name: 2604913A
Description: T-113
Canister: 690
QC_Batch: 032726-GCK

Date Sampled: 03/16/26 **Time:** 13:01
Date Analyzed: 03/27/26 **Time:** 19:07
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	15.66	2.30	6.91	18.04	
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	13.04	2.47	7.40	16.08	
115-07-1	Propene	1.33	4.00	141.73	2.30	6.90	244.54	
74-98-6	Propane	1.33	4.00	30.10	2.41	7.23	54.40	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	338.24	2.38	7.14	805.40	
624-64-6	t-2-Butene	1.00	3.00	10.04	2.30	6.90	23.08	
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	15.08	2.37	7.10	44.61	
109-67-1	1-Pentene	0.80	2.40	2.58	2.30	6.90	7.42	
109-66-0	n-Pentane	0.80	2.40	2.96	2.36	7.09	8.75	
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	8.61	2.30	6.90	24.74	
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	0.93	2.36	7.07	3.28	J
96-14-0	3-Methylpentane	0.67	2.00	4.51	2.36	7.07	15.93	
110-54-3	n-Hexane	0.67	2.00	1.26	2.36	7.07	4.44	J
96-37-7	Methylcyclopentane	0.67	2.00	1.21	2.30	6.90	4.17	J
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	2.48	2.13	6.40	7.94	
110-82-7	Cyclohexane	0.67	2.00	5.33	2.30	6.90	18.38	
591-76-4	2-Methylhexane	0.57	1.71	3.79	2.35	7.04	15.58	
565-59-3	2,3-Dimethylpentane	0.57	1.71	1.98	2.35	7.04	8.12	
589-34-4	3-Methylhexane	0.57	1.71	5.32	2.35	7.04	21.86	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	2.41	2.34	7.02	11.27	
142-82-5	n-Heptane	0.57	1.71	2.41	2.35	7.04	9.90	
108-87-2	Methylcyclohexane	0.57	1.71	1.65	2.30	6.90	6.64	J
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	1.91	2.34	7.02	8.93	
108-88-3	Toluene	0.57	1.71	4.17	2.16	6.47	15.75	
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	1.30	2.34	7.02	6.08	J
100-41-4	Ethylbenzene	0.50	1.50	1.29	2.18	6.53	5.62	J

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	0.65	2.18	6.53	2.81	J
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	1.50	2.18	6.53	6.53	
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	2.20	2.19	6.57	10.86	
103-65-1	n-propylbenzene	0.44	1.33	29.55	2.19	6.57	145.56	
620-14-4	3-Ethyltoluene	0.44	1.33	0.47	2.19	6.57	2.32	J
622-96-8	4-Ethyltoluene	0.44	1.33	8.04	2.19	6.57	39.61	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	1.09	2.19	6.57	5.35	J
611-14-3	2-Ethyltoluene	0.44	1.33	2.03	2.19	6.57	10.01	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	17.59	2.19	6.57	86.67	
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	12.48	2.20	6.60	68.66	
105-05-5	1,4-Diethylbenzene	0.40	1.20	2.17	2.20	6.60	11.96	
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	521.20	26.50	79.49	1,841.29	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	3,127.20	29.51	88.52	2,050.62	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 14

File Name: 2604914A
Description: T-114
Canister: 539
QC_Batch: 032526-GCK

Date Sampled: 03/16/26 **Time:** 14:30
Date Analyzed: 03/25/26 **Time:** 13:42
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	3.25	2.30	6.91	3.75	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.83	2.47	7.40	3.50	J
115-07-1	Propene	1.33	4.00	1.61	2.30	6.90	2.78	J
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	1.47	2.38	7.14	3.49	J
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	1.15	2.36	7.07	4.06	J
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 15

File Name: 2604915A
Description: T-201
Canister: 508
QC_Batch: 032726-GCK

Date Sampled: 03/17/26 **Time:** 10:20
Date Analyzed: 03/27/26 **Time:** 19:56
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.75	2.30	6.91	3.16	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	6.08	2.47	7.40	7.50	
115-07-1	Propene	1.33	4.00	4.69	2.30	6.90	8.10	
74-98-6	Propane	1.33	4.00	9.62	2.41	7.23	17.39	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	1.98	2.30	6.90	4.55	J
106-97-8	n-Butane	1.00	3.00	5.45	2.38	7.14	12.97	
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	5.83	2.37	7.10	17.25	
109-67-1	1-Pentene	0.80	2.40	2.36	2.30	6.90	6.78	J
109-66-0	n-Pentane	0.80	2.40	3.60	2.36	7.09	10.64	
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	0.94	2.36	7.07	3.30	J
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	0.85	2.36	7.07	2.99	J
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	0.96	2.34	7.02	4.48	J
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	1.30	2.19	6.57	6.41	J
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	2.16	2.19	6.57	10.64	
124-18-5	n-Decane	0.40	1.20	2.57	2.33	7.00	14.97	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	0.79	2.33	6.99	5.05	J
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	43.08	26.50	79.49	152.19	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	258.47	29.51	88.52	169.49	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 16

File Name: 2604916A
Description: T-202
Canister: 882
QC_Batch: 033026-GCK

Date Sampled: 03/17/26 **Time:** 10:14
Date Analyzed: 03/30/26 **Time:** 11:29
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	3.44	2.30	6.91	3.97	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.46	2.47	7.40	3.04	J
115-07-1	Propene	1.33	4.00	2.25	2.30	6.90	3.88	J
74-98-6	Propane	1.33	4.00	1.53	2.41	7.23	2.77	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	1.26	2.30	6.90	2.90	J
106-97-8	n-Butane	1.00	3.00	8.36	2.38	7.14	19.91	
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	3.71	2.37	7.10	10.97	
109-67-1	1-Pentene	0.80	2.40	0.89	2.30	6.90	2.56	J
109-66-0	n-Pentane	0.80	2.40	0.96	2.36	7.09	2.83	J
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	2.63	2.30	6.90	7.54	
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	2.83	2.30	6.90	9.77	
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	0.56	2.34	7.02	2.61	J
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	21.72	26.50	79.49	76.73	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	130.32	29.51	88.52	85.46	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 17

File Name: 2604917A
Description: T-203
Canister: 699
QC_Batch: 033026-GCK

Date Sampled: 03/17/26 **Time:** 10:24
Date Analyzed: 03/30/26 **Time:** 12:25
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	88.66	2.30	6.91	102.11	
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	139.84	2.47	7.40	172.51	
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	1.94	2.41	7.23	3.52	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	19.46	2.30	6.90	44.75	
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	8.74	2.30	6.90	20.09	
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	10.30	2.37	7.10	30.47	
109-67-1	1-Pentene	0.80	2.40	10.53	2.30	6.90	30.27	
109-66-0	n-Pentane	0.80	2.40	12.05	2.36	7.09	35.60	
646-04-8	t-2-Pentene	0.80	2.40	6.30	2.30	6.90	18.11	
627-20-3	c-2-Pentene	0.80	2.40	16.85	2.30	6.90	48.41	
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	10.92	2.30	6.90	31.39	
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	1.33	2.36	7.07	4.68	J
96-37-7	Methylcyclopentane	0.67	2.00	3.18	2.30	6.90	10.99	
108-08-7	2,4-Dimethylpentane	0.57	1.71	4.74	2.35	7.04	19.46	
71-43-2	Benzene	0.67	2.00	16.42	2.13	6.40	52.55	
110-82-7	Cyclohexane	0.67	2.00	50.20	2.30	6.90	173.22	
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	47.52	2.35	7.04	195.14	
589-34-4	3-Methylhexane	0.57	1.71	2.25	2.35	7.04	9.24	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	35.03	2.34	7.02	163.95	
142-82-5	n-Heptane	0.57	1.71	118.28	2.35	7.04	485.72	
108-87-2	Methylcyclohexane	0.57	1.71	48.20	2.30	6.90	193.99	
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	24.46	2.34	7.02	114.48	
108-88-3	Toluene	0.57	1.71	159.98	2.16	6.47	603.87	
592-27-8	2-Methylheptane	0.50	1.50	26.98	2.34	7.02	126.29	
589-81-1	3-Methylheptane	0.50	1.50	15.96	2.34	7.02	74.68	
111-65-9	n-Octane	0.50	1.50	34.73	2.34	7.02	162.54	
100-41-4	Ethylbenzene	0.50	1.50	17.55	2.18	6.53	76.38	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	31.44	2.18	6.53	136.83	
100-42-5	Styrene	0.50	1.50	1.45	2.14	6.41	6.18	J
95-47-6	o-xylene	0.50	1.50	35.04	2.18	6.53	152.52	
111-84-2	n-Nonane	0.44	1.33	10.88	2.34	7.01	57.21	
98-82-8	i-Propylbenzene	0.44	1.33	2.94	2.19	6.57	14.50	
103-65-1	n-propylbenzene	0.44	1.33	225.53	2.19	6.57	1,111.00	
620-14-4	3-Ethyltoluene	0.44	1.33	1.62	2.19	6.57	7.98	
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	11.91	2.19	6.57	58.66	
611-14-3	2-Ethyltoluene	0.44	1.33	3.39	2.19	6.57	16.72	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	28.81	2.19	6.57	141.94	
124-18-5	n-Decane	0.40	1.20	3.59	2.33	7.00	20.93	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	59.24	2.20	6.60	325.80	
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	0.43	2.33	6.99	2.76	J
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	1,497.30	26.50	79.49	5,289.65	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	8,983.81	29.51	88.52	5,891.02	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 18

File Name: 2604918A
Description: T-204
Canister: 726
QC_Batch: 033026-GCK

Date Sampled: 03/17/26 **Time:** 10:10
Date Analyzed: 03/30/26 **Time:** 13:32
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	650.80	2.30	6.91	749.49	
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	735.88	2.47	7.40	907.79	
115-07-1	Propene	1.33	4.00	10.72	2.30	6.90	18.50	
74-98-6	Propane	1.33	4.00	4.34	2.41	7.23	7.84	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	41.20	2.30	6.90	94.72	
106-97-8	n-Butane	1.00	3.00	7.32	2.38	7.14	17.43	
624-64-6	t-2-Butene	1.00	3.00	18.59	2.30	6.90	42.74	
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	7.23	2.37	7.10	21.40	
109-67-1	1-Pentene	0.80	2.40	94.56	2.30	6.90	271.68	
109-66-0	n-Pentane	0.80	2.40	12.26	2.36	7.09	36.24	
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	31.39	2.30	6.90	90.17	
75-83-2	2,2-Dimethylbutane	0.67	2.00	6.61	2.36	7.07	23.35	
287-92-3	Cyclopentane	0.80	2.40	18.08	2.30	6.90	51.96	
79-29-8	2,3-Dimethylbutane	0.67	2.00	43.30	2.36	7.07	152.97	
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	25.06	2.36	7.07	88.53	
110-54-3	n-Hexane	0.67	2.00	48.71	2.36	7.07	172.09	
96-37-7	Methylcyclopentane	0.67	2.00	2.75	2.30	6.90	9.50	
108-08-7	2,4-Dimethylpentane	0.57	1.71	30.26	2.35	7.04	124.26	
71-43-2	Benzene	0.67	2.00	27.35	2.13	6.40	87.55	
110-82-7	Cyclohexane	0.67	2.00	100.67	2.30	6.90	347.38	
591-76-4	2-Methylhexane	0.57	1.71	91.44	2.35	7.04	375.50	
565-59-3	2,3-Dimethylpentane	0.57	1.71	37.26	2.35	7.04	153.01	
589-34-4	3-Methylhexane	0.57	1.71	122.74	2.35	7.04	504.04	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	52.09	2.34	7.02	243.82	
142-82-5	n-Heptane	0.57	1.71	243.33	2.35	7.04	999.27	
108-87-2	Methylcyclohexane	0.57	1.71	68.25	2.30	6.90	274.69	
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	34.45	2.34	7.02	161.25	
108-88-3	Toluene	0.57	1.71	275.72	2.16	6.47	1,040.72	
592-27-8	2-Methylheptane	0.50	1.50	22.66	2.34	7.02	106.05	
589-81-1	3-Methylheptane	0.50	1.50	24.11	2.34	7.02	112.86	
111-65-9	n-Octane	0.50	1.50	45.11	2.34	7.02	211.12	
100-41-4	Ethylbenzene	0.50	1.50	21.25	2.18	6.53	92.49	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	52.01	2.18	6.53	226.37	
100-42-5	Styrene	0.50	1.50	2.02	2.14	6.41	8.64	
95-47-6	o-xylene	0.50	1.50	20.11	2.18	6.53	87.54	
111-84-2	n-Nonane	0.44	1.33	13.04	2.34	7.01	68.58	
98-82-8	i-Propylbenzene	0.44	1.33	3.15	2.19	6.57	15.52	
103-65-1	n-propylbenzene	0.44	1.33	236.77	2.19	6.57	1,166.39	
620-14-4	3-Ethyltoluene	0.44	1.33	1.81	2.19	6.57	8.91	
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	5.85	2.19	6.57	28.80	
611-14-3	2-Ethyltoluene	0.44	1.33	2.22	2.19	6.57	10.91	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	3.17	2.19	6.57	15.62	
124-18-5	n-Decane	0.40	1.20	17.67	2.33	7.00	103.07	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	24.33	2.20	6.60	133.79	
105-05-5	1,4-Diethylbenzene	0.40	1.20	0.69	2.20	6.60	3.81	J
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	2,754.32	26.50	79.49	9,730.41	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	16,525.90	29.51	88.52	10,836.66	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 19

File Name: 2604919A
Description: T-205
Canister: 786
QC_Batch: 033026-GCK

Date Sampled: 03/17/26 **Time:** 11:20
Date Analyzed: 03/30/26 **Time:** 14:18
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.90	2.30	6.91	3.34	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	ND	2.47	7.40	ND	ND
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	1.43	2.41	7.23	2.59	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	1.02	2.38	7.14	2.42	J
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	8.53	2.37	7.10	25.25	
109-67-1	1-Pentene	0.80	2.40	7.04	2.30	6.90	20.23	
109-66-0	n-Pentane	0.80	2.40	2.91	2.36	7.09	8.60	
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	0.80	2.36	7.07	2.81	J
287-92-3	Cyclopentane	0.80	2.40	6.91	2.30	6.90	19.84	
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	2.14	2.36	7.07	7.57	
96-14-0	3-Methylpentane	0.67	2.00	0.87	2.36	7.07	3.08	J
110-54-3	n-Hexane	0.67	2.00	1.30	2.36	7.07	4.58	J
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	1.01	2.35	7.04	4.13	J
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	3.24	2.30	6.90	11.20	
591-76-4	2-Methylhexane	0.57	1.71	1.45	2.35	7.04	5.95	J
565-59-3	2,3-Dimethylpentane	0.57	1.71	1.58	2.35	7.04	6.47	J
589-34-4	3-Methylhexane	0.57	1.71	2.88	2.35	7.04	11.82	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	1.44	2.34	7.02	6.74	J
142-82-5	n-Heptane	0.57	1.71	2.94	2.35	7.04	12.09	
108-87-2	Methylcyclohexane	0.57	1.71	1.37	2.30	6.90	5.52	J
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	0.64	2.34	7.02	2.97	J
108-88-3	Toluene	0.57	1.71	2.19	2.16	6.47	8.26	
592-27-8	2-Methylheptane	0.50	1.50	0.53	2.34	7.02	2.50	J
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	0.70	2.18	6.53	3.05	J
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	3.32	2.19	6.57	16.38	
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	0.59	2.20	6.60	3.24	J
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	61.06	26.50	79.49	215.71	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	366.36	29.51	88.52	240.24	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 20

File Name: 2604920A
Description: T-206
Canister: 547
QC_Batch: 033026-GCK

Date Sampled: 03/17/26 **Time:** 11:33
Date Analyzed: 03/30/26 **Time:** 15:03
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	4.01	2.30	6.91	4.61	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	ND	2.47	7.40	ND	ND
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	2.30	2.30	6.90	5.28	J
106-97-8	n-Butane	1.00	3.00	1.74	2.38	7.14	4.14	J
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	1.13	2.37	7.10	3.34	J
109-67-1	1-Pentene	0.80	2.40	2.74	2.30	6.90	7.86	
109-66-0	n-Pentane	0.80	2.40	1.31	2.36	7.09	3.86	J
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	1.79	2.30	6.90	5.15	J
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	0.68	2.36	7.07	2.42	J
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	1.47	2.30	6.90	5.09	J
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	0.72	2.35	7.04	2.97	J
589-34-4	3-Methylhexane	0.57	1.71	0.73	2.35	7.04	2.98	J
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	0.71	2.34	7.02	3.32	J
142-82-5	n-Heptane	0.57	1.71	1.16	2.35	7.04	4.78	J
108-87-2	Methylcyclohexane	0.57	1.71	0.93	2.30	6.90	3.73	J
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	0.74	2.34	7.02	3.49	J
108-88-3	Toluene	0.57	1.71	1.49	2.16	6.47	5.64	J
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	0.51	2.34	7.02	2.37	J
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	1.12	2.18	6.53	4.88	J
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	1.80	2.19	6.57	8.88	
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	0.82	2.19	6.57	4.04	J
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	28.45	26.50	79.49	100.51	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	170.71	29.51	88.52	111.94	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 21

File Name: 2604921A
Description: T-207
Canister: 762
QC_Batch: 033026-GCK

Date Sampled: 03/17/26 **Time:** 11:26
Date Analyzed: 03/30/26 **Time:** 15:48
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.32	2.30	6.91	2.67	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	11.09	2.47	7.40	13.68	
115-07-1	Propene	1.33	4.00	2.12	2.30	6.90	3.66	J
74-98-6	Propane	1.33	4.00	4.16	2.41	7.23	7.51	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	1.17	2.30	6.90	3.36	J
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	1.15	2.35	7.04	4.74	J
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	0.83	2.34	7.02	3.88	J
142-82-5	n-Heptane	0.57	1.71	0.80	2.35	7.04	3.27	J
108-87-2	Methylcyclohexane	0.57	1.71	2.28	2.30	6.90	9.18	
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	1.22	2.19	6.57	6.03	J
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	0.47	2.20	6.60	2.59	J
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	22.01	26.50	79.49	77.76	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	132.06	29.51	88.52	86.60	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 22

File Name: 2604922A
Description: T-208
Canister: 657
QC_Batch: 033026-GCK

Date Sampled: 03/17/26 **Time:** 11:27
Date Analyzed: 03/30/26 **Time:** 17:07
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	8.86	2.30	6.91	10.21	
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	3.58	2.47	7.40	4.41	J
115-07-1	Propene	1.33	4.00	5.50	2.30	6.90	9.49	
74-98-6	Propane	1.33	4.00	14.53	2.41	7.23	26.26	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	10.79	2.30	6.90	24.81	
106-97-8	n-Butane	1.00	3.00	5.69	2.38	7.14	13.56	
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	3.47	2.30	6.90	9.97	
109-66-0	n-Pentane	0.80	2.40	1.53	2.36	7.09	4.52	J
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	1.59	2.30	6.90	4.56	J
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	1.65	2.36	7.07	5.84	J
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	0.76	2.30	6.90	2.63	J
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	13.68	2.34	7.02	64.05	
142-82-5	n-Heptane	0.57	1.71	0.62	2.35	7.04	2.54	J
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	6.61	2.16	6.47	24.96	
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	0.85	2.34	7.02	3.96	J
100-41-4	Ethylbenzene	0.50	1.50	1.36	2.18	6.53	5.90	J

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	2.03	2.18	6.53	8.82	
100-42-5	Styrene	0.50	1.50	1.24	2.14	6.41	5.29	J
95-47-6	o-xylene	0.50	1.50	2.38	2.18	6.53	10.37	
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	45.17	2.19	6.57	222.50	
620-14-4	3-Ethyltoluene	0.44	1.33	0.52	2.19	6.57	2.57	J
622-96-8	4-Ethyltoluene	0.44	1.33	8.05	2.19	6.57	39.67	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	0.84	2.19	6.57	4.14	J
611-14-3	2-Ethyltoluene	0.44	1.33	0.55	2.19	6.57	2.72	J
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	54.76	2.19	6.57	269.75	
124-18-5	n-Decane	0.40	1.20	21.73	2.33	7.00	126.76	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	11.66	2.20	6.60	64.16	
105-05-5	1,4-Diethylbenzene	0.40	1.20	0.83	2.20	6.60	4.55	J
1120-21-4	Undecane	0.36	1.09	1.45	2.33	6.99	9.27	
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	297.83	26.50	79.49	1,052.16	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	1,786.96	29.51	88.52	1,171.78	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 23

File Name: 2604923A
Description: T-209
Canister: 645
QC_Batch: 033026-GCK

Date Sampled: 03/17/26 **Time:** 12:38
Date Analyzed: 03/30/26 **Time:** 17:52
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.91	2.47	7.40	3.59	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	0.50	2.19	6.57	2.45	J
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 24

File Name: 2604924A
Description: T-210
Canister: 647
QC_Batch: 033026-GCK

Date Sampled: 03/17/26 **Time:** 12:41
Date Analyzed: 03/30/26 **Time:** 18:37
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.09	2.47	7.40	2.57	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	1.49	2.41	7.23	2.69	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 25

File Name: 2604925A
Description: T-211
Canister: 823
QC_Batch: 033026-GCK

Date Sampled: 03/17/26 **Time:** 12:35
Date Analyzed: 03/30/26 **Time:** 19:19
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.03	2.47	7.40	2.51	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	1.45	2.41	7.23	2.62	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	0.90	2.16	6.47	3.38	J
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 26

File Name: 2604926A
Description: T-212
Canister: 503
QC_Batch: 033126-GCK

Date Sampled: 03/17/26 **Time:** 12:40
Date Analyzed: 03/31/26 **Time:** 11:16
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.05	2.30	6.91	2.37	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	3.35	2.47	7.40	4.14	J
115-07-1	Propene	1.33	4.00	1.57	2.30	6.90	2.71	J
74-98-6	Propane	1.33	4.00	1.70	2.41	7.23	3.07	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 27

File Name: 2604927A
Description: T-213
Canister: 534
QC_Batch: 041626-GCK

Date Sampled: 03/17/26 **Time:** 12:31
Date Analyzed: 04/16/26 **Time:** 19:05
Can Factor: 1.36
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.72	8.15	ND	3.13	9.38	ND	ND
74-86-2	Acetylene	2.72	8.15	ND	2.89	8.68	ND	ND
74-84-0	Ethane	2.72	8.15	3.98	3.35	10.05	4.91	J
115-07-1	Propene	1.81	5.43	ND	3.12	9.37	ND	ND
74-98-6	Propane	1.81	5.43	ND	3.27	9.81	ND	ND
75-28-5	i-Butane	1.36	4.07	ND	3.23	9.70	ND	ND
106-98-9	1-Butene	1.36	4.07	ND	3.12	9.36	ND	ND
106-97-8	n-Butane	1.36	4.07	ND	3.23	9.70	ND	ND
624-64-6	t-2-Butene	1.36	4.07	1.87	3.12	9.36	4.30	J
590-18-1	c-2-Butene	1.36	4.07	ND	3.12	9.36	ND	ND
78-78-4	i-Pentane	1.09	3.26	ND	3.21	9.64	ND	ND
109-67-1	1-Pentene	1.09	3.26	ND	3.12	9.36	ND	ND
109-66-0	n-Pentane	1.09	3.26	ND	3.21	9.63	ND	ND
646-04-8	t-2-Pentene	1.09	3.26	2.36	3.12	9.36	6.78	J
627-20-3	c-2-Pentene	1.09	3.26	ND	3.12	9.36	ND	ND
75-83-2	2,2-Dimethylbutane	0.91	2.72	ND	3.20	9.59	ND	ND
287-92-3	Cyclopentane	1.09	3.26	ND	3.12	9.36	ND	ND
79-29-8	2,3-Dimethylbutane	0.91	2.72	ND	3.20	9.59	ND	ND
107-83-5	2-Methylpentane	0.91	2.72	ND	3.20	9.59	ND	ND
96-14-0	3-Methylpentane	0.91	2.72	1.31	3.20	9.59	4.62	J
110-54-3	n-Hexane	0.91	2.72	1.49	3.20	9.59	5.27	J
96-37-7	Methylcyclopentane	0.91	2.72	ND	3.12	9.37	ND	ND
108-08-7	2,4-Dimethylpentane	0.78	2.33	ND	3.19	9.56	ND	ND
71-43-2	Benzene	0.91	2.72	ND	2.90	8.69	ND	ND
110-82-7	Cyclohexane	0.91	2.72	ND	3.12	9.37	ND	ND
591-76-4	2-Methylhexane	0.78	2.33	ND	3.19	9.56	ND	ND
565-59-3	2,3-Dimethylpentane	0.78	2.33	ND	3.19	9.56	ND	ND
589-34-4	3-Methylhexane	0.78	2.33	ND	3.19	9.56	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.68	2.04	ND	3.18	9.53	ND	ND
142-82-5	n-Heptane	0.78	2.33	ND	3.19	9.56	ND	ND
108-87-2	Methylcyclohexane	0.78	2.33	ND	3.12	9.37	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.68	2.04	ND	3.18	9.53	ND	ND
108-88-3	Toluene	0.78	2.33	ND	2.93	8.78	ND	ND
592-27-8	2-Methylheptane	0.68	2.04	ND	3.18	9.53	ND	ND
589-81-1	3-Methylheptane	0.68	2.04	ND	3.18	9.53	ND	ND
111-65-9	n-Octane	0.68	2.04	ND	3.18	9.53	ND	ND
100-41-4	Ethylbenzene	0.68	2.04	ND	2.95	8.86	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.68	2.04	ND	2.95	8.86	ND	ND
100-42-5	Styrene	0.68	2.04	ND	2.90	8.70	ND	ND
95-47-6	o-xylene	0.68	2.04	ND	2.95	8.86	ND	ND
111-84-2	n-Nonane	0.60	1.81	ND	3.17	9.52	ND	ND
98-82-8	i-Propylbenzene	0.60	1.81	ND	2.97	8.92	ND	ND
103-65-1	n-propylbenzene	0.60	1.81	ND	2.97	8.92	ND	ND
620-14-4	3-Ethyltoluene	0.60	1.81	ND	2.97	8.92	ND	ND
622-96-8	4-Ethyltoluene	0.60	1.81	ND	2.97	8.92	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.60	1.81	ND	2.97	8.92	ND	ND
611-14-3	2-Ethyltoluene	0.60	1.81	ND	2.97	8.92	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.60	1.81	ND	2.97	8.92	ND	ND
124-18-5	n-Decane	0.54	1.63	ND	3.17	9.50	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.60	1.81	ND	2.97	8.92	ND	ND
141-93-5	1,3-Diethylbenzene	0.54	1.63	0.96	2.99	8.96	5.29	J
105-05-5	1,4-Diethylbenzene	0.54	1.63	ND	2.99	8.96	ND	ND
1120-21-4	Undecane	0.49	1.48	ND	3.16	9.49	ND	ND
112-40-3	Dodecane	0.45	1.36	ND	3.16	9.48	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	10.18	30.55	13.99	35.97	107.91	49.43	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	61.09	183.28	83.96	40.06	120.18	55.05	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 28

File Name: 2604928A
Description: T-214
Canister: 900
QC_Batch: 032526-GCK

Date Sampled: 03/17/26 **Time:** 13:09
Date Analyzed: 03/25/26 **Time:** 17:14
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.89	2.30	6.91	3.33	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	5.06	2.47	7.40	6.24	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	1.22	2.30	6.90	2.81	J
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	3.28	2.36	7.09	9.71	
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	1.18	2.36	7.07	4.19	J
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	9.06	26.50	79.49	31.99	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	54.34	29.51	88.52	35.63	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 29

File Name: 2604929A
Description: T-301
Canister: 766
QC_Batch: 033126-GCK

Date Sampled: 03/18/26 **Time:** 10:08
Date Analyzed: 03/31/26 **Time:** 13:21
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	5.39	2.47	7.40	6.64	J
115-07-1	Propene	1.33	4.00	6.77	2.30	6.90	11.68	
74-98-6	Propane	1.33	4.00	4.52	2.41	7.23	8.16	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	5.46	2.38	7.14	13.01	
624-64-6	t-2-Butene	1.00	3.00	18.69	2.30	6.90	42.98	
590-18-1	c-2-Butene	1.00	3.00	1.39	2.30	6.90	3.20	J
78-78-4	i-Pentane	0.80	2.40	2.14	2.37	7.10	6.32	J
109-67-1	1-Pentene	0.80	2.40	1.14	2.30	6.90	3.29	J
109-66-0	n-Pentane	0.80	2.40	1.06	2.36	7.09	3.12	J
646-04-8	t-2-Pentene	0.80	2.40	13.13	2.30	6.90	37.73	
627-20-3	c-2-Pentene	0.80	2.40	1.32	2.30	6.90	3.79	J
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	4.58	2.36	7.07	16.17	
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	2.90	2.36	7.07	10.24	
96-37-7	Methylcyclopentane	0.67	2.00	6.79	2.30	6.90	23.43	
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	7.40	2.13	6.40	23.69	
110-82-7	Cyclohexane	0.67	2.00	2.88	2.30	6.90	9.92	
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	3.12	2.35	7.04	12.80	
589-34-4	3-Methylhexane	0.57	1.71	2.78	2.35	7.04	11.40	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	1.41	2.35	7.04	5.81	J
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	0.89	2.34	7.02	4.15	J
108-88-3	Toluene	0.57	1.71	0.86	2.16	6.47	3.25	J
592-27-8	2-Methylheptane	0.50	1.50	1.45	2.34	7.02	6.80	J
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	0.54	2.34	7.02	2.55	J
100-41-4	Ethylbenzene	0.50	1.50	0.57	2.18	6.53	2.48	J

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	0.51	2.18	6.53	2.22	J
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	0.88	2.18	6.53	3.85	J
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	1.30	2.19	6.57	6.39	J
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	0.55	2.20	6.60	3.01	J
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	0.47	2.33	6.99	3.04	J
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	85.92	26.50	79.49	303.55	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	515.55	29.51	88.52	338.06	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 30

File Name: 2604930A
Description: T-302
Canister: 692
QC_Batch: 033126-GCK

Date Sampled: 03/18/26 **Time:** 10:13
Date Analyzed: 03/31/26 **Time:** 15:22
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	3.67	2.30	6.91	4.22	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	9.27	2.47	7.40	11.43	
115-07-1	Propene	1.33	4.00	6.92	2.30	6.90	11.94	
74-98-6	Propane	1.33	4.00	4.57	2.41	7.23	8.26	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	1.16	2.30	6.90	2.67	J
106-97-8	n-Butane	1.00	3.00	3.39	2.38	7.14	8.07	
624-64-6	t-2-Butene	1.00	3.00	1.75	2.30	6.90	4.03	J
590-18-1	c-2-Butene	1.00	3.00	1.46	2.30	6.90	3.35	J
78-78-4	i-Pentane	0.80	2.40	3.49	2.37	7.10	10.33	
109-67-1	1-Pentene	0.80	2.40	0.96	2.30	6.90	2.77	J
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	19.83	2.30	6.90	56.96	
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	2.65	2.36	7.07	9.36	
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	1.63	2.36	7.07	5.76	J
96-37-7	Methylcyclopentane	0.67	2.00	10.29	2.30	6.90	35.51	
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	11.16	2.13	6.40	35.72	
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	5.69	2.35	7.04	23.37	
589-34-4	3-Methylhexane	0.57	1.71	5.02	2.35	7.04	20.61	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	3.92	2.35	7.04	16.08	
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	1.43	2.16	6.47	5.40	J
592-27-8	2-Methylheptane	0.50	1.50	0.70	2.34	7.02	3.26	J
589-81-1	3-Methylheptane	0.50	1.50	0.55	2.34	7.02	2.57	J
111-65-9	n-Octane	0.50	1.50	1.18	2.34	7.02	5.51	J
100-41-4	Ethylbenzene	0.50	1.50	1.98	2.18	6.53	8.60	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	1.20	2.18	6.53	5.23	J
100-42-5	Styrene	0.50	1.50	1.69	2.14	6.41	7.21	
95-47-6	o-xylene	0.50	1.50	1.22	2.18	6.53	5.30	J
111-84-2	n-Nonane	0.44	1.33	0.72	2.34	7.01	3.76	J
98-82-8	i-Propylbenzene	0.44	1.33	0.71	2.19	6.57	3.52	J
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	2.42	2.19	6.57	11.92	
124-18-5	n-Decane	0.40	1.20	0.89	2.33	7.00	5.17	J
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	1.14	2.20	6.60	6.27	J
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	104.00	26.50	79.49	367.39	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	623.97	29.51	88.52	409.16	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 31

File Name: 2604931A
Description: T-303
Canister: 642
QC_Batch: 033126-GCK

Date Sampled: 03/18/26 **Time:** 10:14
Date Analyzed: 03/31/26 **Time:** 16:10
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.11	2.30	6.91	2.43	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	3.26	2.47	7.40	4.03	J
115-07-1	Propene	1.33	4.00	2.53	2.30	6.90	4.37	J
74-98-6	Propane	1.33	4.00	2.24	2.41	7.23	4.04	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	2.52	2.30	6.90	5.78	J
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	2.44	2.37	7.10	7.22	
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	6.62	2.30	6.90	19.03	
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	5.50	2.30	6.90	15.81	
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	3.30	2.36	7.07	11.64	
96-37-7	Methylcyclopentane	0.67	2.00	4.56	2.30	6.90	15.72	
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	4.84	2.13	6.40	15.50	
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	2.37	2.35	7.04	9.74	
565-59-3	2,3-Dimethylpentane	0.57	1.71	2.51	2.35	7.04	10.30	
589-34-4	3-Methylhexane	0.57	1.71	2.58	2.35	7.04	10.58	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	1.13	2.35	7.04	4.63	J
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	0.63	2.34	7.02	2.94	J
108-88-3	Toluene	0.57	1.71	0.58	2.16	6.47	2.21	J
592-27-8	2-Methylheptane	0.50	1.50	1.86	2.34	7.02	8.69	
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	0.59	2.34	7.02	2.74	J
100-41-4	Ethylbenzene	0.50	1.50	0.63	2.18	6.53	2.76	J

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	0.90	2.18	6.53	3.92	J
111-84-2	n-Nonane	0.44	1.33	0.64	2.34	7.01	3.35	J
98-82-8	i-Propylbenzene	0.44	1.33	0.46	2.19	6.57	2.27	J
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	0.67	2.33	7.00	3.93	J
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	2.66	2.20	6.60	14.62	
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	57.25	26.50	79.49	202.27	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	343.52	29.51	88.52	225.26	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 32

File Name: 2604932A
Description: T-304
Canister: 684
QC_Batch: 033126-GCK

Date Sampled: 03/18/26 **Time:** 10:11
Date Analyzed: 03/31/26 **Time:** 17:18
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	3.11	2.47	7.40	3.84	J
115-07-1	Propene	1.33	4.00	3.16	2.30	6.90	5.46	J
74-98-6	Propane	1.33	4.00	2.62	2.41	7.23	4.73	J
75-28-5	i-Butane	1.00	3.00	2.46	2.38	7.14	5.86	J
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	7.43	2.38	7.14	17.70	
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	3.46	2.30	6.90	7.97	
78-78-4	i-Pentane	0.80	2.40	2.63	2.37	7.10	7.77	
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	7.89	2.36	7.09	23.32	
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	0.94	2.36	7.07	3.31	J
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	5.60	2.36	7.07	19.78	
96-37-7	Methylcyclopentane	0.67	2.00	4.20	2.30	6.90	14.50	
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	28.07	2.13	6.40	89.84	
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	7.72	2.35	7.04	31.71	
565-59-3	2,3-Dimethylpentane	0.57	1.71	4.78	2.35	7.04	19.61	
589-34-4	3-Methylhexane	0.57	1.71	3.56	2.35	7.04	14.61	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	0.81	2.34	7.02	3.78	J
142-82-5	n-Heptane	0.57	1.71	33.58	2.35	7.04	137.91	
108-87-2	Methylcyclohexane	0.57	1.71	2.27	2.30	6.90	9.14	
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	2.73	2.34	7.02	12.77	
108-88-3	Toluene	0.57	1.71	6.38	2.16	6.47	24.06	
592-27-8	2-Methylheptane	0.50	1.50	2.49	2.34	7.02	11.63	
589-81-1	3-Methylheptane	0.50	1.50	1.06	2.34	7.02	4.98	J
111-65-9	n-Octane	0.50	1.50	0.51	2.34	7.02	2.38	J
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	2.94	2.18	6.53	12.79	
100-42-5	Styrene	0.50	1.50	1.29	2.14	6.41	5.52	J
95-47-6	o-xylene	0.50	1.50	2.16	2.18	6.53	9.42	
111-84-2	n-Nonane	0.44	1.33	3.06	2.34	7.01	16.06	
98-82-8	i-Propylbenzene	0.44	1.33	1.66	2.19	6.57	8.19	
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	3.31	2.19	6.57	16.33	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	2.27	2.19	6.57	11.17	
611-14-3	2-Ethyltoluene	0.44	1.33	2.80	2.19	6.57	13.80	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	1.67	2.19	6.57	8.23	
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	5.40	2.19	6.57	26.59	
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	179.15	26.50	79.49	632.90	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	1,074.90	29.51	88.52	704.85	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 33

File Name: 2604933A
Description: T-305
Canister: 800
QC_Batch: 033126-GCK

Date Sampled: 03/18/26 **Time:** 11:03
Date Analyzed: 03/31/26 **Time:** 18:06
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.79	2.30	6.91	3.22	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	4.65	2.47	7.40	5.74	J
115-07-1	Propene	1.33	4.00	4.57	2.30	6.90	7.88	
74-98-6	Propane	1.33	4.00	2.93	2.41	7.23	5.29	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	2.29	2.38	7.14	5.45	J
624-64-6	t-2-Butene	1.00	3.00	4.26	2.30	6.90	9.79	
590-18-1	c-2-Butene	1.00	3.00	1.16	2.30	6.90	2.68	J
78-78-4	i-Pentane	0.80	2.40	3.05	2.37	7.10	9.04	
109-67-1	1-Pentene	0.80	2.40	1.55	2.30	6.90	4.47	J
109-66-0	n-Pentane	0.80	2.40	1.61	2.36	7.09	4.74	J
646-04-8	t-2-Pentene	0.80	2.40	35.80	2.30	6.90	102.86	
627-20-3	c-2-Pentene	0.80	2.40	2.56	2.30	6.90	7.36	
75-83-2	2,2-Dimethylbutane	0.67	2.00	0.89	2.36	7.07	3.15	J
287-92-3	Cyclopentane	0.80	2.40	6.12	2.30	6.90	17.58	
79-29-8	2,3-Dimethylbutane	0.67	2.00	1.23	2.36	7.07	4.35	J
107-83-5	2-Methylpentane	0.67	2.00	1.53	2.36	7.07	5.40	J
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	1.96	2.36	7.07	6.91	J
96-37-7	Methylcyclopentane	0.67	2.00	12.65	2.30	6.90	43.65	
108-08-7	2,4-Dimethylpentane	0.57	1.71	0.67	2.35	7.04	2.76	J
71-43-2	Benzene	0.67	2.00	115.20	2.13	6.40	368.72	
110-82-7	Cyclohexane	0.67	2.00	3.07	2.30	6.90	10.60	
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	6.92	2.35	7.04	28.41	
589-34-4	3-Methylhexane	0.57	1.71	2.51	2.35	7.04	10.31	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	0.60	2.34	7.02	2.81	J
142-82-5	n-Heptane	0.57	1.71	9.06	2.35	7.04	37.20	
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	7.82	2.34	7.02	36.60	
108-88-3	Toluene	0.57	1.71	68.63	2.16	6.47	259.05	
592-27-8	2-Methylheptane	0.50	1.50	8.51	2.34	7.02	39.81	
589-81-1	3-Methylheptane	0.50	1.50	3.02	2.34	7.02	14.16	
111-65-9	n-Octane	0.50	1.50	16.63	2.34	7.02	77.82	
100-41-4	Ethylbenzene	0.50	1.50	59.63	2.18	6.53	259.53	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	67.84	2.18	6.53	295.27	
100-42-5	Styrene	0.50	1.50	31.12	2.14	6.41	132.88	
95-47-6	o-xylene	0.50	1.50	34.91	2.18	6.53	151.94	
111-84-2	n-Nonane	0.44	1.33	18.51	2.34	7.01	97.32	
98-82-8	i-Propylbenzene	0.44	1.33	23.07	2.19	6.57	113.65	
103-65-1	n-propylbenzene	0.44	1.33	15.63	2.19	6.57	76.99	
620-14-4	3-Ethyltoluene	0.44	1.33	7.54	2.19	6.57	37.15	
622-96-8	4-Ethyltoluene	0.44	1.33	14.29	2.19	6.57	70.39	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	9.27	2.19	6.57	45.68	
611-14-3	2-Ethyltoluene	0.44	1.33	8.68	2.19	6.57	42.76	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	42.95	2.19	6.57	211.60	
124-18-5	n-Decane	0.40	1.20	29.39	2.33	7.00	171.39	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	7.31	2.19	6.57	35.99	
141-93-5	1,3-Diethylbenzene	0.40	1.20	134.05	2.20	6.60	737.25	
105-05-5	1,4-Diethylbenzene	0.40	1.20	3.85	2.20	6.60	21.16	
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	1,099.56	26.50	79.49	3,884.52	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	6,597.37	29.51	88.52	4,326.14	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 34

File Name: 2604934A
Description: T-306
Canister: 405
QC_Batch: 033126-GCK

Date Sampled: 03/18/26 **Time:** 11:00
Date Analyzed: 03/31/26 **Time:** 18:54
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	5.07	2.30	6.91	5.83	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	7.49	2.47	7.40	9.24	
115-07-1	Propene	1.33	4.00	11.78	2.30	6.90	20.33	
74-98-6	Propane	1.33	4.00	5.64	2.41	7.23	10.20	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	2.24	2.30	6.90	5.15	J
106-97-8	n-Butane	1.00	3.00	5.41	2.38	7.14	12.88	
624-64-6	t-2-Butene	1.00	3.00	12.10	2.30	6.90	27.83	
590-18-1	c-2-Butene	1.00	3.00	1.87	2.30	6.90	4.30	J
78-78-4	i-Pentane	0.80	2.40	1.44	2.37	7.10	4.26	J
109-67-1	1-Pentene	0.80	2.40	2.22	2.30	6.90	6.37	J
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	4.55	2.30	6.90	13.06	
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	2.51	2.30	6.90	7.22	
79-29-8	2,3-Dimethylbutane	0.67	2.00	2.58	2.36	7.07	9.11	
107-83-5	2-Methylpentane	0.67	2.00	3.49	2.36	7.07	12.34	
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	5.05	2.36	7.07	17.84	
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	0.63	2.35	7.04	2.58	J
71-43-2	Benzene	0.67	2.00	289.41	2.13	6.40	926.34	
110-82-7	Cyclohexane	0.67	2.00	4.04	2.30	6.90	13.96	
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	14.82	2.35	7.04	60.88	
589-34-4	3-Methylhexane	0.57	1.71	8.06	2.35	7.04	33.08	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	1.15	2.34	7.02	5.38	J
142-82-5	n-Heptane	0.57	1.71	23.25	2.35	7.04	95.49	
108-87-2	Methylcyclohexane	0.57	1.71	4.33	2.30	6.90	17.42	
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	36.41	2.34	7.02	170.41	
108-88-3	Toluene	0.57	1.71	121.20	2.16	6.47	457.50	
592-27-8	2-Methylheptane	0.50	1.50	23.39	2.34	7.02	109.45	
589-81-1	3-Methylheptane	0.50	1.50	7.78	2.34	7.02	36.42	
111-65-9	n-Octane	0.50	1.50	40.95	2.34	7.02	191.65	
100-41-4	Ethylbenzene	0.50	1.50	130.69	2.18	6.53	568.82	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	144.00	2.18	6.53	626.77	
100-42-5	Styrene	0.50	1.50	97.38	2.14	6.41	415.86	
95-47-6	o-xylene	0.50	1.50	47.41	2.18	6.53	206.34	
111-84-2	n-Nonane	0.44	1.33	42.18	2.34	7.01	221.80	
98-82-8	i-Propylbenzene	0.44	1.33	50.12	2.19	6.57	246.92	
103-65-1	n-propylbenzene	0.44	1.33	33.43	2.19	6.57	164.71	
620-14-4	3-Ethyltoluene	0.44	1.33	16.70	2.19	6.57	82.26	
622-96-8	4-Ethyltoluene	0.44	1.33	30.45	2.19	6.57	150.02	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	24.35	2.19	6.57	119.95	
611-14-3	2-Ethyltoluene	0.44	1.33	12.85	2.19	6.57	63.30	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	84.87	2.19	6.57	418.08	
124-18-5	n-Decane	0.40	1.20	54.82	2.33	7.00	319.71	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	218.72	2.20	6.60	1,202.94	
105-05-5	1,4-Diethylbenzene	0.40	1.20	6.22	2.20	6.60	34.19	
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	2,156.06	26.50	79.49	7,616.91	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	12,936.38	29.51	88.52	8,482.87	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 35

File Name: 2604935A
Description: T-307
Canister: 846
QC_Batch: 033126-GCK

Date Sampled: 03/18/26 **Time:** 11:05
Date Analyzed: 03/31/26 **Time:** 19:41
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	6.71	2.30	6.91	7.72	
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	5.52	2.47	7.40	6.80	J
115-07-1	Propene	1.33	4.00	14.85	2.30	6.90	25.62	
74-98-6	Propane	1.33	4.00	7.61	2.41	7.23	13.76	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	2.49	2.38	7.14	5.93	J
624-64-6	t-2-Butene	1.00	3.00	10.59	2.30	6.90	24.34	
590-18-1	c-2-Butene	1.00	3.00	1.82	2.30	6.90	4.19	J
78-78-4	i-Pentane	0.80	2.40	44.98	2.37	7.10	133.11	
109-67-1	1-Pentene	0.80	2.40	2.66	2.30	6.90	7.64	
109-66-0	n-Pentane	0.80	2.40	1.26	2.36	7.09	3.74	J
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	28.77	2.30	6.90	82.65	
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	2.97	2.30	6.90	8.54	
79-29-8	2,3-Dimethylbutane	0.67	2.00	1.77	2.36	7.07	6.25	J
107-83-5	2-Methylpentane	0.67	2.00	2.87	2.36	7.07	10.14	
96-14-0	3-Methylpentane	0.67	2.00	2.79	2.36	7.07	9.87	
110-54-3	n-Hexane	0.67	2.00	5.32	2.36	7.07	18.80	
96-37-7	Methylcyclopentane	0.67	2.00	1.75	2.30	6.90	6.02	J
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	13.41	2.13	6.40	42.94	
110-82-7	Cyclohexane	0.67	2.00	11.70	2.30	6.90	40.39	
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	5.44	2.35	7.04	22.35	
589-34-4	3-Methylhexane	0.57	1.71	7.60	2.35	7.04	31.21	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	1.64	2.34	7.02	7.67	
142-82-5	n-Heptane	0.57	1.71	24.50	2.35	7.04	100.61	
108-87-2	Methylcyclohexane	0.57	1.71	3.62	2.30	6.90	14.58	
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	99.40	2.34	7.02	465.22	
108-88-3	Toluene	0.57	1.71	34.22	2.16	6.47	129.17	
592-27-8	2-Methylheptane	0.50	1.50	20.04	2.34	7.02	93.78	
589-81-1	3-Methylheptane	0.50	1.50	6.78	2.34	7.02	31.73	
111-65-9	n-Octane	0.50	1.50	41.31	2.34	7.02	193.36	
100-41-4	Ethylbenzene	0.50	1.50	136.75	2.18	6.53	595.19	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	135.33	2.18	6.53	589.01	
100-42-5	Styrene	0.50	1.50	16.61	2.14	6.41	70.95	
95-47-6	o-xylene	0.50	1.50	63.75	2.18	6.53	277.47	
111-84-2	n-Nonane	0.44	1.33	40.49	2.34	7.01	212.91	
98-82-8	i-Propylbenzene	0.44	1.33	44.82	2.19	6.57	220.81	
103-65-1	n-propylbenzene	0.44	1.33	19.28	2.19	6.57	94.96	
620-14-4	3-Ethyltoluene	0.44	1.33	31.69	2.19	6.57	156.12	
622-96-8	4-Ethyltoluene	0.44	1.33	28.55	2.19	6.57	140.62	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	3.18	2.19	6.57	15.66	
611-14-3	2-Ethyltoluene	0.44	1.33	11.06	2.19	6.57	54.47	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	87.82	2.19	6.57	432.62	
124-18-5	n-Decane	0.40	1.20	57.19	2.33	7.00	333.52	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	15.60	2.19	6.57	76.86	
141-93-5	1,3-Diethylbenzene	0.40	1.20	6.51	2.20	6.60	35.82	
105-05-5	1,4-Diethylbenzene	0.40	1.20	5.29	2.20	6.60	29.09	
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	1,454.86	26.50	79.49	5,139.70	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	8,729.14	29.51	88.52	5,724.02	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 36

File Name: 2604936A
Description: T-308
Canister: 621
QC_Batch: 040126-GCK

Date Sampled: 03/18/26 **Time:** 11:10
Date Analyzed: 04/01/26 **Time:** 12:35
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	4.42	2.30	6.91	5.09	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	8.49	2.47	7.40	10.48	
115-07-1	Propene	1.33	4.00	13.50	2.30	6.90	23.29	
74-98-6	Propane	1.33	4.00	4.33	2.41	7.23	7.82	
75-28-5	i-Butane	1.00	3.00	2.63	2.38	7.14	6.27	J
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	5.92	2.38	7.14	14.10	
624-64-6	t-2-Butene	1.00	3.00	22.93	2.30	6.90	52.72	
590-18-1	c-2-Butene	1.00	3.00	3.89	2.30	6.90	8.94	
78-78-4	i-Pentane	0.80	2.40	1.89	2.37	7.10	5.60	J
109-67-1	1-Pentene	0.80	2.40	1.51	2.30	6.90	4.34	J
109-66-0	n-Pentane	0.80	2.40	1.83	2.36	7.09	5.42	J
646-04-8	t-2-Pentene	0.80	2.40	111.94	2.30	6.90	321.61	
627-20-3	c-2-Pentene	0.80	2.40	3.11	2.30	6.90	8.94	
75-83-2	2,2-Dimethylbutane	0.67	2.00	1.81	2.36	7.07	6.40	J
287-92-3	Cyclopentane	0.80	2.40	6.86	2.30	6.90	19.70	
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	1.50	2.36	7.07	5.30	J
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	4.35	2.36	7.07	15.37	
96-37-7	Methylcyclopentane	0.67	2.00	28.44	2.30	6.90	98.15	
108-08-7	2,4-Dimethylpentane	0.57	1.71	1.25	2.35	7.04	5.14	J
71-43-2	Benzene	0.67	2.00	302.47	2.13	6.40	968.15	
110-82-7	Cyclohexane	0.67	2.00	11.27	2.30	6.90	38.88	
591-76-4	2-Methylhexane	0.57	1.71	20.55	2.35	7.04	84.39	
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	5.92	2.35	7.04	24.32	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	20.48	2.35	7.04	84.12	
108-87-2	Methylcyclohexane	0.57	1.71	9.41	2.30	6.90	37.89	
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	25.10	2.34	7.02	117.47	
108-88-3	Toluene	0.57	1.71	111.91	2.16	6.47	422.42	
592-27-8	2-Methylheptane	0.50	1.50	17.14	2.34	7.02	80.24	
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	25.77	2.34	7.02	120.59	
100-41-4	Ethylbenzene	0.50	1.50	96.96	2.18	6.53	422.01	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	93.05	2.18	6.53	405.01	
100-42-5	Styrene	0.50	1.50	17.59	2.14	6.41	75.14	
95-47-6	o-xylene	0.50	1.50	35.03	2.18	6.53	152.48	
111-84-2	n-Nonane	0.44	1.33	19.07	2.34	7.01	100.28	
98-82-8	i-Propylbenzene	0.44	1.33	21.35	2.19	6.57	105.19	
103-65-1	n-propylbenzene	0.44	1.33	6.32	2.19	6.57	31.15	
620-14-4	3-Ethyltoluene	0.44	1.33	6.79	2.19	6.57	33.46	
622-96-8	4-Ethyltoluene	0.44	1.33	11.36	2.19	6.57	55.98	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	6.55	2.19	6.57	32.26	
611-14-3	2-Ethyltoluene	0.44	1.33	4.62	2.19	6.57	22.75	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	27.74	2.19	6.57	136.68	
124-18-5	n-Decane	0.40	1.20	15.69	2.33	7.00	91.50	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	48.01	2.20	6.60	264.06	
105-05-5	1,4-Diethylbenzene	0.40	1.20	1.56	2.20	6.60	8.60	
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	1,369.99	26.50	79.49	4,839.87	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	8,219.92	29.51	88.52	5,390.11	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 37

File Name: 2604937A
Description: T-309
Canister: 605
QC_Batch: 040126-GCK

Date Sampled: 03/18/26 **Time:** 12:12
Date Analyzed: 04/01/26 **Time:** 13:21
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.45	2.30	6.91	2.82	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	ND	2.47	7.40	ND	ND
115-07-1	Propene	1.33	4.00	1.34	2.30	6.90	2.31	J
74-98-6	Propane	1.33	4.00	1.70	2.41	7.23	3.07	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	1.88	2.30	6.90	4.31	J
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 38

File Name: 2604938A
Description: T-310
Canister: 852
QC_Batch: 040126-GCK

Date Sampled: 03/18/26 **Time:** 12:19
Date Analyzed: 04/01/26 **Time:** 14:06
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	6.56	2.30	6.91	7.55	
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	6.40	2.47	7.40	7.90	
115-07-1	Propene	1.33	4.00	15.99	2.30	6.90	27.60	
74-98-6	Propane	1.33	4.00	5.47	2.41	7.23	9.88	
75-28-5	i-Butane	1.00	3.00	3.14	2.38	7.14	7.48	
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	6.29	2.38	7.14	14.98	
624-64-6	t-2-Butene	1.00	3.00	46.75	2.30	6.90	107.49	
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	3.20	2.37	7.10	9.45	
109-67-1	1-Pentene	0.80	2.40	3.11	2.30	6.90	8.94	
109-66-0	n-Pentane	0.80	2.40	2.76	2.36	7.09	8.16	
646-04-8	t-2-Pentene	0.80	2.40	109.01	2.30	6.90	313.18	
627-20-3	c-2-Pentene	0.80	2.40	4.12	2.30	6.90	11.82	
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	16.57	2.30	6.90	47.60	
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	2.16	2.36	7.07	7.64	
96-14-0	3-Methylpentane	0.67	2.00	135.03	2.36	7.07	477.03	
110-54-3	n-Hexane	0.67	2.00	8.27	2.36	7.07	29.22	
96-37-7	Methylcyclopentane	0.67	2.00	40.08	2.30	6.90	138.30	
108-08-7	2,4-Dimethylpentane	0.57	1.71	2.01	2.35	7.04	8.25	
71-43-2	Benzene	0.67	2.00	665.51	2.13	6.40	2,130.18	
110-82-7	Cyclohexane	0.67	2.00	28.07	2.30	6.90	96.86	
591-76-4	2-Methylhexane	0.57	1.71	27.22	2.35	7.04	111.76	
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	12.43	2.35	7.04	51.06	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	3.93	2.34	7.02	18.39	
142-82-5	n-Heptane	0.57	1.71	46.96	2.35	7.04	192.84	
108-87-2	Methylcyclohexane	0.57	1.71	8.03	2.30	6.90	32.32	
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	37.34	2.34	7.02	174.75	
108-88-3	Toluene	0.57	1.71	202.33	2.16	6.47	763.71	
592-27-8	2-Methylheptane	0.50	1.50	25.98	2.34	7.02	121.59	
589-81-1	3-Methylheptane	0.50	1.50	9.88	2.34	7.02	46.24	
111-65-9	n-Octane	0.50	1.50	74.43	2.34	7.02	348.38	
100-41-4	Ethylbenzene	0.50	1.50	264.54	2.18	6.53	1,151.41	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	293.13	2.18	6.53	1,275.83	
100-42-5	Styrene	0.50	1.50	53.71	2.14	6.41	229.37	
95-47-6	o-xylene	0.50	1.50	147.14	2.18	6.53	640.42	
111-84-2	n-Nonane	0.44	1.33	68.10	2.34	7.01	358.08	
98-82-8	i-Propylbenzene	0.44	1.33	104.29	2.19	6.57	513.73	
103-65-1	n-propylbenzene	0.44	1.33	76.41	2.19	6.57	376.39	
620-14-4	3-Ethyltoluene	0.44	1.33	44.59	2.19	6.57	219.66	
622-96-8	4-Ethyltoluene	0.44	1.33	81.88	2.19	6.57	403.38	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	53.06	2.19	6.57	261.39	
611-14-3	2-Ethyltoluene	0.44	1.33	35.07	2.19	6.57	172.74	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	190.00	2.19	6.57	935.99	
124-18-5	n-Decane	0.40	1.20	61.88	2.33	7.00	360.91	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	202.03	2.20	6.60	1,111.16	
105-05-5	1,4-Diethylbenzene	0.40	1.20	6.71	2.20	6.60	36.88	
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	4,040.63	26.50	79.49	14,274.69	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	24,243.79	29.51	88.52	15,897.57	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 39

File Name: 2604939A
Description: T-311
Canister: 877
QC_Batch: 040126-GCK

Date Sampled: 03/18/26 **Time:** 12:08
Date Analyzed: 04/01/26 **Time:** 14:51
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	3.02	2.30	6.91	3.48	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.92	2.47	7.40	3.61	J
115-07-1	Propene	1.33	4.00	2.68	2.30	6.90	4.63	J
74-98-6	Propane	1.33	4.00	2.45	2.41	7.23	4.43	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	0.93	2.37	7.10	2.75	J
109-67-1	1-Pentene	0.80	2.40	1.28	2.30	6.90	3.67	J
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	1.55	2.30	6.90	4.45	J
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	5.71	2.36	7.07	20.17	
110-54-3	n-Hexane	0.67	2.00	1.04	2.36	7.07	3.68	J
96-37-7	Methylcyclopentane	0.67	2.00	1.48	2.30	6.90	5.12	J
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	2.69	2.13	6.40	8.60	
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	1.83	2.35	7.04	7.53	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	0.83	2.16	6.47	3.14	J
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	1.75	2.18	6.53	7.63	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	2.46	2.18	6.53	10.70	
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	2.57	2.18	6.53	11.18	
111-84-2	n-Nonane	0.44	1.33	0.69	2.34	7.01	3.61	J
98-82-8	i-Propylbenzene	0.44	1.33	1.42	2.19	6.57	6.98	
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	0.58	2.19	6.57	2.88	J
622-96-8	4-Ethyltoluene	0.44	1.33	2.47	2.19	6.57	12.16	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	0.72	2.19	6.57	3.57	J
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	5.05	2.19	6.57	24.89	
124-18-5	n-Decane	0.40	1.20	1.47	2.33	7.00	8.56	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	0.76	2.19	6.57	3.76	J
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	53.78	26.50	79.49	189.98	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	322.66	29.51	88.52	211.58	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 40

File Name: 2604940A
Description: T-312
Canister: 634
QC_Batch: 040126-GCK

Date Sampled: 03/18/26 **Time:** 12:20
Date Analyzed: 04/01/26 **Time:** 15:36
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	4.80	2.30	6.91	5.52	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	6.20	2.47	7.40	7.65	
115-07-1	Propene	1.33	4.00	9.35	2.30	6.90	16.12	
74-98-6	Propane	1.33	4.00	3.64	2.41	7.23	6.58	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	2.78	2.38	7.14	6.62	J
624-64-6	t-2-Butene	1.00	3.00	14.52	2.30	6.90	33.38	
590-18-1	c-2-Butene	1.00	3.00	1.19	2.30	6.90	2.74	J
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	2.65	2.30	6.90	7.62	
109-66-0	n-Pentane	0.80	2.40	2.90	2.36	7.09	8.58	
646-04-8	t-2-Pentene	0.80	2.40	18.02	2.30	6.90	51.77	
627-20-3	c-2-Pentene	0.80	2.40	3.75	2.30	6.90	10.78	
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	4.74	2.30	6.90	13.61	
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	3.18	2.36	7.07	11.24	
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	5.48	2.36	7.07	19.36	
96-37-7	Methylcyclopentane	0.67	2.00	8.19	2.30	6.90	28.26	
108-08-7	2,4-Dimethylpentane	0.57	1.71	1.00	2.35	7.04	4.09	J
71-43-2	Benzene	0.67	2.00	286.78	2.13	6.40	917.92	
110-82-7	Cyclohexane	0.67	2.00	16.26	2.30	6.90	56.12	
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	10.50	2.35	7.04	43.10	
589-34-4	3-Methylhexane	0.57	1.71	7.37	2.35	7.04	30.27	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	2.20	2.34	7.02	10.31	
142-82-5	n-Heptane	0.57	1.71	25.07	2.35	7.04	102.95	
108-87-2	Methylcyclohexane	0.57	1.71	4.31	2.30	6.90	17.33	
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	8.73	2.34	7.02	40.88	
108-88-3	Toluene	0.57	1.71	90.89	2.16	6.47	343.05	
592-27-8	2-Methylheptane	0.50	1.50	8.83	2.34	7.02	41.31	
589-81-1	3-Methylheptane	0.50	1.50	5.58	2.34	7.02	26.10	
111-65-9	n-Octane	0.50	1.50	26.74	2.34	7.02	125.17	
100-41-4	Ethylbenzene	0.50	1.50	78.75	2.18	6.53	342.77	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	93.88	2.18	6.53	408.61	
100-42-5	Styrene	0.50	1.50	18.43	2.14	6.41	78.68	
95-47-6	o-xylene	0.50	1.50	36.61	2.18	6.53	159.36	
111-84-2	n-Nonane	0.44	1.33	26.08	2.34	7.01	137.13	
98-82-8	i-Propylbenzene	0.44	1.33	37.98	2.19	6.57	187.12	
103-65-1	n-propylbenzene	0.44	1.33	20.25	2.19	6.57	99.75	
620-14-4	3-Ethyltoluene	0.44	1.33	15.45	2.19	6.57	76.12	
622-96-8	4-Ethyltoluene	0.44	1.33	35.37	2.19	6.57	174.25	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	37.03	2.19	6.57	182.43	
611-14-3	2-Ethyltoluene	0.44	1.33	17.33	2.19	6.57	85.35	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	123.35	2.19	6.57	607.66	
124-18-5	n-Decane	0.40	1.20	90.05	2.33	7.00	525.17	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	353.83	2.20	6.60	1,946.09	
105-05-5	1,4-Diethylbenzene	0.40	1.20	18.41	2.20	6.60	101.27	
1120-21-4	Undecane	0.36	1.09	5.04	2.33	6.99	32.26	
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	2,153.65	26.50	79.49	7,608.40	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	12,921.92	29.51	88.52	8,473.39	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 41

File Name: 2604941A
Description: T-313
Canister: 775
QC_Batch: 040126-GCK

Date Sampled: 03/18/26 **Time:** 12:23
Date Analyzed: 04/01/26 **Time:** 16:28
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	4.50	2.30	6.91	5.18	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	5.68	2.47	7.40	7.01	J
115-07-1	Propene	1.33	4.00	8.73	2.30	6.90	15.07	
74-98-6	Propane	1.33	4.00	3.89	2.41	7.23	7.03	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	5.50	2.38	7.14	13.09	
624-64-6	t-2-Butene	1.00	3.00	15.22	2.30	6.90	34.99	
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	1.19	2.37	7.10	3.53	J
109-67-1	1-Pentene	0.80	2.40	2.28	2.30	6.90	6.55	J
109-66-0	n-Pentane	0.80	2.40	2.46	2.36	7.09	7.28	
646-04-8	t-2-Pentene	0.80	2.40	18.26	2.30	6.90	52.45	
627-20-3	c-2-Pentene	0.80	2.40	3.25	2.30	6.90	9.34	
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	1.73	2.30	6.90	4.96	J
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	2.03	2.36	7.07	7.18	
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	3.27	2.36	7.07	11.54	
96-37-7	Methylcyclopentane	0.67	2.00	6.63	2.30	6.90	22.87	
108-08-7	2,4-Dimethylpentane	0.57	1.71	0.85	2.35	7.04	3.51	J
71-43-2	Benzene	0.67	2.00	280.78	2.13	6.40	898.71	
110-82-7	Cyclohexane	0.67	2.00	3.69	2.30	6.90	12.72	
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	7.49	2.35	7.04	30.77	
589-34-4	3-Methylhexane	0.57	1.71	7.48	2.35	7.04	30.73	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	2.74	2.34	7.02	12.84	
142-82-5	n-Heptane	0.57	1.71	24.59	2.35	7.04	101.00	
108-87-2	Methylcyclohexane	0.57	1.71	1.47	2.30	6.90	5.90	J
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	6.70	2.34	7.02	31.34	
108-88-3	Toluene	0.57	1.71	72.88	2.16	6.47	275.09	
592-27-8	2-Methylheptane	0.50	1.50	1.39	2.34	7.02	6.50	J
589-81-1	3-Methylheptane	0.50	1.50	2.97	2.34	7.02	13.90	
111-65-9	n-Octane	0.50	1.50	19.18	2.34	7.02	89.75	
100-41-4	Ethylbenzene	0.50	1.50	45.71	2.18	6.53	198.96	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	42.05	2.18	6.53	183.01	
100-42-5	Styrene	0.50	1.50	4.23	2.14	6.41	18.06	
95-47-6	o-xylene	0.50	1.50	19.62	2.18	6.53	85.40	
111-84-2	n-Nonane	0.44	1.33	7.71	2.34	7.01	40.53	
98-82-8	i-Propylbenzene	0.44	1.33	12.79	2.19	6.57	62.98	
103-65-1	n-propylbenzene	0.44	1.33	10.93	2.19	6.57	53.83	
620-14-4	3-Ethyltoluene	0.44	1.33	3.10	2.19	6.57	15.27	
622-96-8	4-Ethyltoluene	0.44	1.33	18.79	2.19	6.57	92.58	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	5.28	2.19	6.57	26.00	
611-14-3	2-Ethyltoluene	0.44	1.33	4.35	2.19	6.57	21.42	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	24.07	2.19	6.57	118.56	
124-18-5	n-Decane	0.40	1.20	7.12	2.33	7.00	41.51	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	2.08	2.20	6.60	11.47	
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	816.74	26.50	79.49	2,885.36	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	4,900.43	29.51	88.52	3,213.40	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 42

File Name: 2604942A
Description: T-314
Canister: 652
QC_Batch: 032526-GCK

Date Sampled: 03/18/26 **Time:** 12:50
Date Analyzed: 03/25/26 **Time:** 18:06
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.75	2.30	6.91	3.16	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.64	2.47	7.40	3.26	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	1.78	2.41	7.23	3.22	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	1.19	2.30	6.90	2.73	J
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	0.77	2.19	6.57	3.81	J
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 43

File Name: 2604943A
Description: T-401
Canister: 668
QC_Batch: 040126-GCK

Date Sampled: 03/19/26 **Time:** 9:39
Date Analyzed: 04/01/26 **Time:** 17:19
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.51	2.30	6.91	2.89	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.71	2.47	7.40	3.34	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	1.90	2.41	7.23	3.44	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	2.07	2.38	7.14	4.94	J
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	19.75	2.36	7.07	69.76	
96-14-0	3-Methylpentane	0.67	2.00	4.24	2.36	7.07	14.99	
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	2.25	2.13	6.40	7.21	
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	0.77	2.16	6.47	2.91	J
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	0.73	2.18	6.53	3.18	J

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	0.82	2.18	6.53	3.56	J
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	1.08	2.18	6.53	4.70	J
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	1.95	2.19	6.57	9.60	
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	0.55	2.19	6.57	2.72	J
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	0.74	2.19	6.57	3.64	J
124-18-5	n-Decane	0.40	1.20	0.46	2.33	7.00	2.69	J
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	44.85	26.50	79.49	158.44	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	269.09	29.51	88.52	176.45	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 44

File Name: 2604944A
Description: T-402
Canister: 734
QC_Batch: 040126-GCK

Date Sampled: 03/19/26 **Time:** 9:36
Date Analyzed: 04/01/26 **Time:** 18:04
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.56	2.47	7.40	3.16	J
115-07-1	Propene	1.33	4.00	1.37	2.30	6.90	2.36	J
74-98-6	Propane	1.33	4.00	4.08	2.41	7.23	7.37	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	9.54	2.38	7.14	22.72	
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	1.95	2.37	7.10	5.78	J
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	0.96	2.36	7.09	2.83	J
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	0.86	2.36	7.07	3.05	J
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	0.67	2.13	6.40	2.16	J
110-82-7	Cyclohexane	0.67	2.00	2.06	2.30	6.90	7.11	
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	0.73	2.35	7.04	3.01	J
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	0.82	2.34	7.02	3.85	J
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	1.28	2.30	6.90	5.15	J
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	0.63	2.34	7.02	2.97	J
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	1.84	2.19	6.57	9.08	
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	0.98	2.33	7.00	5.71	J
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	29.29	26.50	79.49	103.49	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	175.77	29.51	88.52	115.26	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 45

File Name: 2604945A
Description: T-403
Canister: 550
QC_Batch: 040126-GCK

Date Sampled: 03/19/26 **Time:** 9:30
Date Analyzed: 04/01/26 **Time:** 19:00
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.19	2.30	6.91	2.52	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	ND	2.47	7.40	ND	ND
115-07-1	Propene	1.33	4.00	1.88	2.30	6.90	3.24	J
74-98-6	Propane	1.33	4.00	4.84	2.41	7.23	8.76	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	1.05	2.30	6.90	2.41	J
106-97-8	n-Butane	1.00	3.00	7.37	2.38	7.14	17.55	
624-64-6	t-2-Butene	1.00	3.00	7.17	2.30	6.90	16.49	
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	0.67	2.36	7.07	2.37	J
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	0.82	2.34	7.02	3.83	J
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	0.63	2.16	6.47	2.36	J
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	0.83	2.18	6.53	3.63	J

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	1.27	2.18	6.53	5.51	J
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	1.47	2.18	6.53	6.40	J
111-84-2	n-Nonane	0.44	1.33	1.39	2.34	7.01	7.32	
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	5.00	2.19	6.57	24.63	
620-14-4	3-Ethyltoluene	0.44	1.33	0.78	2.19	6.57	3.83	J
622-96-8	4-Ethyltoluene	0.44	1.33	11.15	2.19	6.57	54.94	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	7.73	2.19	6.57	38.07	
611-14-3	2-Ethyltoluene	0.44	1.33	7.18	2.19	6.57	35.36	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	65.13	2.19	6.57	320.87	
124-18-5	n-Decane	0.40	1.20	65.23	2.33	7.00	380.45	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	653.22	2.20	6.60	3,592.72	
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	2.12	2.33	6.99	13.56	
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	1,377.25	26.50	79.49	4,865.54	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	8,263.51	29.51	88.52	5,418.70	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 46

File Name: 2604946A
Description: T-404
Canister: 675
QC_Batch: 040226-GCK

Date Sampled: 03/19/26 **Time:** 9:27
Date Analyzed: 04/02/26 **Time:** 11:55
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	8.51	2.30	6.91	9.80	
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	17.04	2.47	7.40	21.02	
115-07-1	Propene	1.33	4.00	135.78	2.30	6.90	234.28	
74-98-6	Propane	1.33	4.00	80.71	2.41	7.23	145.87	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	102.17	2.38	7.14	243.29	
624-64-6	t-2-Butene	1.00	3.00	8.24	2.30	6.90	18.95	
590-18-1	c-2-Butene	1.00	3.00	1.89	2.30	6.90	4.35	J
78-78-4	i-Pentane	0.80	2.40	249.19	2.37	7.10	737.36	
109-67-1	1-Pentene	0.80	2.40	14.78	2.30	6.90	42.46	
109-66-0	n-Pentane	0.80	2.40	66.76	2.36	7.09	197.26	
646-04-8	t-2-Pentene	0.80	2.40	10.39	2.30	6.90	29.84	
627-20-3	c-2-Pentene	0.80	2.40	2.67	2.30	6.90	7.68	
75-83-2	2,2-Dimethylbutane	0.67	2.00	9.14	2.36	7.07	32.28	
287-92-3	Cyclopentane	0.80	2.40	173.66	2.30	6.90	498.92	
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	25.88	2.36	7.07	91.42	
96-14-0	3-Methylpentane	0.67	2.00	21.87	2.36	7.07	77.27	
110-54-3	n-Hexane	0.67	2.00	20.65	2.36	7.07	72.97	
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	12.97	2.35	7.04	53.26	
71-43-2	Benzene	0.67	2.00	8.04	2.13	6.40	25.74	
110-82-7	Cyclohexane	0.67	2.00	45.66	2.30	6.90	157.57	
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	162.76	2.35	7.04	668.40	
589-34-4	3-Methylhexane	0.57	1.71	43.58	2.35	7.04	178.95	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	45.19	2.34	7.02	211.51	
142-82-5	n-Heptane	0.57	1.71	42.74	2.35	7.04	175.51	
108-87-2	Methylcyclohexane	0.57	1.71	36.87	2.30	6.90	148.40	
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	26.16	2.34	7.02	122.42	
108-88-3	Toluene	0.57	1.71	37.52	2.16	6.47	141.61	
592-27-8	2-Methylheptane	0.50	1.50	31.81	2.34	7.02	148.90	
589-81-1	3-Methylheptane	0.50	1.50	29.25	2.34	7.02	136.88	
111-65-9	n-Octane	0.50	1.50	16.35	2.34	7.02	76.53	
100-41-4	Ethylbenzene	0.50	1.50	3.37	2.18	6.53	14.68	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	10.78	2.18	6.53	46.90	
100-42-5	Styrene	0.50	1.50	1.58	2.14	6.41	6.73	
95-47-6	o-xylene	0.50	1.50	4.00	2.18	6.53	17.41	
111-84-2	n-Nonane	0.44	1.33	2.17	2.34	7.01	11.43	
98-82-8	i-Propylbenzene	0.44	1.33	0.62	2.19	6.57	3.05	J
103-65-1	n-propylbenzene	0.44	1.33	40.85	2.19	6.57	201.21	
620-14-4	3-Ethyltoluene	0.44	1.33	0.63	2.19	6.57	3.09	J
622-96-8	4-Ethyltoluene	0.44	1.33	4.06	2.19	6.57	20.01	
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	1.32	2.19	6.57	6.53	J
611-14-3	2-Ethyltoluene	0.44	1.33	1.01	2.19	6.57	4.98	J
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	1.43	2.33	7.00	8.33	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	6.79	2.19	6.57	33.45	
141-93-5	1,3-Diethylbenzene	0.40	1.20	13.75	2.20	6.60	75.60	
105-05-5	1,4-Diethylbenzene	0.40	1.20	7.78	2.20	6.60	42.81	
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	1.09	2.33	6.98	7.60	
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	1,499.15	26.50	79.49	5,296.19	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	8,994.92	29.51	88.52	5,898.31	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 47

File Name: 2604947A
Description: T-405
Canister: 638
QC_Batch: 040226-GCK

Date Sampled: 03/19/26 **Time:** 10:36
Date Analyzed: 04/02/26 **Time:** 12:54
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.24	2.30	6.91	2.58	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	ND	2.47	7.40	ND	ND
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	3.26	2.38	7.14	7.75	
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	0.80	2.13	6.40	2.56	J
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	0.62	2.35	7.04	2.53	J
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	0.65	2.33	7.00	3.77	J
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	8.37	26.50	79.49	29.58	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	50.24	29.51	88.52	32.94	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 48

File Name:	2604948A	**Date Sampled:**	03/19/26	**Time:**	10:38
Description:	T-406	**Date Analyzed:**	04/02/26	**Time:**	13:48
Canister:	779	**Can Factor:**	1.00		
QC_Batch:	040226-GCK	**Air Volume:**	200 ml		

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.93	2.47	7.40	3.61	J
115-07-1	Propene	1.33	4.00	1.58	2.30	6.90	2.72	J
74-98-6	Propane	1.33	4.00	1.97	2.41	7.23	3.56	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	2.04	2.30	6.90	4.70	J
106-97-8	n-Butane	1.00	3.00	10.22	2.38	7.14	24.33	
624-64-6	t-2-Butene	1.00	3.00	33.30	2.30	6.90	76.55	
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	0.93	2.37	7.10	2.76	J
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	1.13	2.13	6.40	3.63	J
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	0.67	2.35	7.04	2.74	J
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	0.71	2.19	6.57	3.51	J
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	42.06	26.50	79.49	148.57	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	252.34	29.51	88.52	165.47	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 49

File Name: 2604949A
Description: T-407
Canister: 663
QC_Batch: 040226-GCK

Date Sampled: 03/19/26 **Time:** 10:43
Date Analyzed: 04/02/26 **Time:** 15:14
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	3.08	2.47	7.40	3.80	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	1.38	2.41	7.23	2.49	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	2.78	2.38	7.14	6.61	J
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	1.56	2.30	6.90	4.47	J
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 50

File Name: 2604950A
Description: T-408
Canister: 644
QC_Batch: 040226-GCK

Date Sampled: 03/19/26 **Time:** 10:42
Date Analyzed: 04/02/26 **Time:** 16:53
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	ND	2.47	7.40	ND	ND
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 51

File Name: 2604951A
Description: T-409
Canister: 812
QC_Batch: 040226-GCK

Date Sampled: 03/19/26 **Time:** 12:13
Date Analyzed: 04/02/26 **Time:** 17:45
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.59	2.30	6.91	2.98	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.19	2.47	7.40	2.70	J
115-07-1	Propene	1.33	4.00	2.28	2.30	6.90	3.94	J
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	3.93	2.30	6.90	9.04	
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	1.89	2.37	7.10	5.58	J
109-67-1	1-Pentene	0.80	2.40	1.08	2.30	6.90	3.10	J
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	3.89	2.36	7.07	13.75	
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	2.10	2.13	6.40	6.73	
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	0.75	2.14	6.41	3.22	J
95-47-6	o-xylene	0.50	1.50	1.37	2.18	6.53	5.98	J
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	1.25	2.19	6.57	6.16	J
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	22.71	26.50	79.49	80.24	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	136.27	29.51	88.52	89.36	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 52

File Name: 2604952A
Description: T-410
Canister: 783
QC_Batch: 040226-GCK

Date Sampled: 03/19/26 **Time:** 12:10
Date Analyzed: 04/02/26 **Time:** 19:06
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.68	2.30	6.91	3.08	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.13	2.47	7.40	2.62	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	5.50	2.38	7.14	13.09	
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	3.61	2.36	7.07	12.75	
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	0.67	2.30	6.90	2.33	J
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	0.94	2.13	6.40	3.01	J
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	0.77	2.18	6.53	3.37	J
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	1.08	2.18	6.53	4.68	J
111-84-2	n-Nonane	0.44	1.33	0.57	2.34	7.01	2.99	J
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	0.86	2.19	6.57	4.26	J
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	1.43	2.33	7.00	8.34	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	24.13	26.50	79.49	85.24	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	144.77	29.51	88.52	94.93	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 53

File Name:	2604953A	**Date Sampled:**	03/19/26	**Time:**	12:04
Description:	T-411	**Date Analyzed:**	04/02/26	**Time:**	19:55
Canister:	803	**Can Factor:**	1.00		
QC_Batch:	040226-GCK	**Air Volume:**	200 ml		

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.54	2.30	6.91	2.92	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	ND	2.47	7.40	ND	ND
115-07-1	Propene	1.33	4.00	2.14	2.30	6.90	3.69	J
74-98-6	Propane	1.33	4.00	2.06	2.41	7.23	3.72	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	2.24	2.30	6.90	6.43	J
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	7.94	26.50	79.49	28.05	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	47.64	29.51	88.52	31.24	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 54

File Name: 2604954A
Description: T-412
Canister: 704
QC_Batch: 040326-GCK

Date Sampled: 03/19/26 **Time:** 12:11
Date Analyzed: 04/03/26 **Time:** 11:01
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.26	2.30	6.91	2.60	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	3.41	2.47	7.40	4.21	J
115-07-1	Propene	1.33	4.00	1.77	2.30	6.90	3.06	J
74-98-6	Propane	1.33	4.00	2.08	2.41	7.23	3.75	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	3.24	2.38	7.14	7.73	
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	0.97	2.36	7.09	2.88	J
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	0.68	2.13	6.40	2.17	J
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	0.77	2.18	6.53	3.35	J
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	0.84	2.19	6.57	4.13	J
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	0.77	2.33	6.99	4.91	J
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	17.39	26.50	79.49	61.44	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	104.35	29.51	88.52	68.43	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

SDG: 226049
Analytical Method: TO-14FID
Laboratory Number: 55

File Name: 2604955A
Description: T-413
Canister: 753
QC_Batch: 040326-GCK

Date Sampled: 03/19/26 **Time:** 12:17
Date Analyzed: 04/03/26 **Time:** 12:54
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.68	2.30	6.91	3.09	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.29	2.47	7.40	2.83	J
115-07-1	Propene	1.33	4.00	2.84	2.30	6.90	4.91	J
74-98-6	Propane	1.33	4.00	1.39	2.41	7.23	2.50	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	2.80	2.38	7.14	6.66	J
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	1.42	2.30	6.90	4.09	J
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	1.49	2.36	7.07	5.26	J
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	0.76	2.13	6.40	2.44	J
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	0.51	2.18	6.53	2.21	J

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	1.21	2.18	6.53	5.29	J
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	1.39	2.18	6.53	6.03	J
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	1.04	2.19	6.57	5.13	J
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	0.57	2.19	6.57	2.79	J
124-18-5	n-Decane	0.40	1.20	0.93	2.33	7.00	5.42	J
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	21.60	26.50	79.49	76.29	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	129.57	29.51	88.52	84.97	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 56

File Name: 2604956A
Description: T-414
Canister: 610
QC_Batch: 032526-GCK

Date Sampled: 03/19/26 **Time:** 12:40
Date Analyzed: 03/25/26 **Time:** 19:06
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.47	2.30	6.91	2.85	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.15	2.47	7.40	2.66	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 57

File Name: 2604957A
Description: T-501
Canister: 653
QC_Batch: 040326-GCK

Date Sampled: 03/20/26 **Time:** 10:04
Date Analyzed: 04/03/26 **Time:** 13:44
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.15	2.30	6.91	2.48	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.72	2.47	7.40	3.35	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	1.09	2.30	6.90	2.50	J
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 58

File Name: 2604958A
Description: T-502
Canister: 633
QC_Batch: 040326-GCK

Date Sampled: 03/20/26 **Time:** 10:09
Date Analyzed: 04/03/26 **Time:** 14:30
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	10.99	2.30	6.91	12.66	
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	7.09	2.47	7.40	8.75	
115-07-1	Propene	1.33	4.00	10.68	2.30	6.90	18.42	
74-98-6	Propane	1.33	4.00	40.43	2.41	7.23	73.07	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	2.55	2.30	6.90	5.86	J
106-97-8	n-Butane	1.00	3.00	6.83	2.38	7.14	16.26	
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	1.45	2.37	7.10	4.28	J
109-67-1	1-Pentene	0.80	2.40	3.38	2.30	6.90	9.72	
109-66-0	n-Pentane	0.80	2.40	1.94	2.36	7.09	5.74	J
646-04-8	t-2-Pentene	0.80	2.40	3.71	2.30	6.90	10.66	
627-20-3	c-2-Pentene	0.80	2.40	1.11	2.30	6.90	3.20	J
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	0.86	2.36	7.07	3.03	J
96-14-0	3-Methylpentane	0.67	2.00	0.86	2.36	7.07	3.03	J
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	0.99	2.30	6.90	3.43	J
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	2.37	2.34	7.02	11.09	
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	1.03	2.30	6.90	4.16	J
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	0.98	2.18	6.53	4.28	J

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	0.66	2.14	6.41	2.80	J
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	0.48	2.19	6.57	2.37	J
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	18.73	2.19	6.57	92.27	
124-18-5	n-Decane	0.40	1.20	0.57	2.33	7.00	3.33	J
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	0.83	2.20	6.60	4.57	J
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	92.59	26.50	79.49	327.08	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	555.51	29.51	88.52	364.27	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 59

File Name: 2604959A
Description: T-503
Canister: 739
QC_Batch: 040326-GCK

Date Sampled: 03/20/26 **Time:** 9:59
Date Analyzed: 04/03/26 **Time:** 15:18
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	4.84	2.30	6.91	5.57	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	5.92	2.47	7.40	7.30	J
115-07-1	Propene	1.33	4.00	11.03	2.30	6.90	19.04	
74-98-6	Propane	1.33	4.00	4.65	2.41	7.23	8.40	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	2.34	2.38	7.14	5.58	J
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	1.40	2.30	6.90	3.21	J
78-78-4	i-Pentane	0.80	2.40	3.60	2.37	7.10	10.64	
109-67-1	1-Pentene	0.80	2.40	5.83	2.30	6.90	16.74	
109-66-0	n-Pentane	0.80	2.40	2.50	2.36	7.09	7.40	
646-04-8	t-2-Pentene	0.80	2.40	9.53	2.30	6.90	27.38	
627-20-3	c-2-Pentene	0.80	2.40	1.55	2.30	6.90	4.45	J
75-83-2	2,2-Dimethylbutane	0.67	2.00	1.29	2.36	7.07	4.54	J
287-92-3	Cyclopentane	0.80	2.40	1.66	2.30	6.90	4.76	J
79-29-8	2,3-Dimethylbutane	0.67	2.00	1.36	2.36	7.07	4.81	J
107-83-5	2-Methylpentane	0.67	2.00	1.63	2.36	7.07	5.77	J
96-14-0	3-Methylpentane	0.67	2.00	1.90	2.36	7.07	6.71	J
110-54-3	n-Hexane	0.67	2.00	1.62	2.36	7.07	5.74	J
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	0.91	2.35	7.04	3.73	J
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	1.84	2.30	6.90	6.33	J
591-76-4	2-Methylhexane	0.57	1.71	0.89	2.35	7.04	3.66	J
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	0.86	2.35	7.04	3.53	J
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	0.77	2.34	7.02	3.60	J
142-82-5	n-Heptane	0.57	1.71	1.08	2.35	7.04	4.44	J
108-87-2	Methylcyclohexane	0.57	1.71	2.15	2.30	6.90	8.64	
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	1.73	2.34	7.02	8.12	
108-88-3	Toluene	0.57	1.71	1.02	2.16	6.47	3.85	J
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	0.53	2.34	7.02	2.48	J
111-65-9	n-Octane	0.50	1.50	0.79	2.34	7.02	3.69	J
100-41-4	Ethylbenzene	0.50	1.50	1.60	2.18	6.53	6.98	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	0.76	2.14	6.41	3.23	J
95-47-6	o-xylene	0.50	1.50	0.59	2.18	6.53	2.58	J
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	1.29	2.19	6.57	6.34	J
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	1.90	2.33	7.00	11.07	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	70.12	26.50	79.49	247.73	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	420.74	29.51	88.52	275.90	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 60

File Name: 2604960A
Description: T-504
Canister: 685
QC_Batch: 040326-GCK

Date Sampled: 03/20/26 **Time:** 9:56
Date Analyzed: 04/03/26 **Time:** 16:17
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	10.13	2.47	7.40	12.50	
115-07-1	Propene	1.33	4.00	111.18	2.30	6.90	191.83	
74-98-6	Propane	1.33	4.00	857.33	2.41	7.23	1,549.52	
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	3.04	2.30	6.90	6.99	
106-97-8	n-Butane	1.00	3.00	180.87	2.38	7.14	430.68	
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	10.07	2.37	7.10	29.79	
109-67-1	1-Pentene	0.80	2.40	19.07	2.30	6.90	54.78	
109-66-0	n-Pentane	0.80	2.40	5.60	2.36	7.09	16.54	
646-04-8	t-2-Pentene	0.80	2.40	4.87	2.30	6.90	13.99	
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	0.70	2.36	7.07	2.48	J
287-92-3	Cyclopentane	0.80	2.40	9.25	2.30	6.90	26.58	
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	2.54	2.36	7.07	8.98	
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	4.02	2.36	7.07	14.21	
96-37-7	Methylcyclopentane	0.67	2.00	1.33	2.30	6.90	4.58	J
108-08-7	2,4-Dimethylpentane	0.57	1.71	9.27	2.35	7.04	38.08	
71-43-2	Benzene	0.67	2.00	12.92	2.13	6.40	41.35	
110-82-7	Cyclohexane	0.67	2.00	27.48	2.30	6.90	94.84	
591-76-4	2-Methylhexane	0.57	1.71	10.49	2.35	7.04	43.07	
565-59-3	2,3-Dimethylpentane	0.57	1.71	7.11	2.35	7.04	29.19	
589-34-4	3-Methylhexane	0.57	1.71	19.63	2.35	7.04	80.60	
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	51.89	2.34	7.02	242.86	
142-82-5	n-Heptane	0.57	1.71	35.62	2.35	7.04	146.26	
108-87-2	Methylcyclohexane	0.57	1.71	48.28	2.30	6.90	194.30	
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	8.67	2.34	7.02	40.58	
108-88-3	Toluene	0.57	1.71	34.33	2.16	6.47	129.57	
592-27-8	2-Methylheptane	0.50	1.50	13.46	2.34	7.02	62.99	
589-81-1	3-Methylheptane	0.50	1.50	7.42	2.34	7.02	34.73	
111-65-9	n-Octane	0.50	1.50	11.09	2.34	7.02	51.89	
100-41-4	Ethylbenzene	0.50	1.50	21.76	2.18	6.53	94.70	

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	7.50	2.18	6.53	32.65	
100-42-5	Styrene	0.50	1.50	3.53	2.14	6.41	15.09	
95-47-6	o-xylene	0.50	1.50	14.87	2.18	6.53	64.71	
111-84-2	n-Nonane	0.44	1.33	12.20	2.34	7.01	64.18	
98-82-8	i-Propylbenzene	0.44	1.33	4.55	2.19	6.57	22.42	
103-65-1	n-propylbenzene	0.44	1.33	122.41	2.19	6.57	603.00	
620-14-4	3-Ethyltoluene	0.44	1.33	2.93	2.19	6.57	14.42	
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	12.48	2.19	6.57	61.50	
611-14-3	2-Ethyltoluene	0.44	1.33	7.60	2.19	6.57	37.42	
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	72.51	2.19	6.57	357.18	
124-18-5	n-Decane	0.40	1.20	3.11	2.33	7.00	18.16	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	1.53	2.19	6.57	7.54	
141-93-5	1,3-Diethylbenzene	0.40	1.20	4.56	2.20	6.60	25.06	
105-05-5	1,4-Diethylbenzene	0.40	1.20	2.93	2.20	6.60	16.13	
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	1,452.49	26.50	79.49	5,131.32	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	8,714.92	29.51	88.52	5,714.70	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 61

File Name: 2604961A
Description: T-505
Canister: 662
QC_Batch: 040326-GCK

Date Sampled: 03/20/26 **Time:** 11:17
Date Analyzed: 04/03/26 **Time:** 17:07
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.50	2.30	6.91	2.88	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.62	2.47	7.40	3.23	J
115-07-1	Propene	1.33	4.00	1.67	2.30	6.90	2.89	J
74-98-6	Propane	1.33	4.00	2.05	2.41	7.23	3.71	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	1.21	2.38	7.14	2.88	J
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	0.86	2.36	7.09	2.55	J
646-04-8	t-2-Pentene	0.80	2.40	1.21	2.30	6.90	3.47	J
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	0.72	2.36	7.07	2.54	J
287-92-3	Cyclopentane	0.80	2.40	1.66	2.30	6.90	4.78	J
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	2.38	2.36	7.07	8.39	
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	1.01	2.16	6.47	3.81	J
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	0.79	2.18	6.53	3.45	J
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	0.55	2.18	6.53	2.39	J
111-84-2	n-Nonane	0.44	1.33	0.45	2.34	7.01	2.34	J
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	0.97	2.19	6.57	4.78	J
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	0.48	2.19	6.57	2.36	J
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	0.63	2.19	6.57	3.10	J
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	1.48	2.33	7.00	8.65	
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	2.71	2.20	6.60	14.88	
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	27.35	26.50	79.49	96.63	
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	164.12	29.51	88.52	107.62	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 62

File Name: 2604962A
Description: T-506
Canister: 635
QC_Batch: 040326-GCK

Date Sampled: 03/20/26 **Time:** 11:13
Date Analyzed: 04/03/26 **Time:** 17:57
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	2.39	2.30	6.91	2.76	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	3.17	2.47	7.40	3.92	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	1.49	2.41	7.23	2.69	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	1.50	2.38	7.14	3.56	J
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	1.18	2.36	7.09	3.49	J
646-04-8	t-2-Pentene	0.80	2.40	3.60	2.30	6.90	10.35	
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	0.74	2.36	7.07	2.61	J
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	2.69	2.36	7.07	9.52	
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	15.14	26.50	79.49	53.49	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	90.85	29.51	88.52	59.57	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 63

File Name: 2604963A
Description: T-507
Canister: 600
QC_Batch: 040326-GCK

Date Sampled: 03/20/26 **Time:** 11:20
Date Analyzed: 04/03/26 **Time:** 18:51
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	ND	2.30	6.91	ND	ND
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.17	2.47	7.40	2.68	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	1.64	2.41	7.23	2.96	J
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	0.78	2.19	6.57	3.84	J
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 64

File Name: 2604964A
Description: T-508
Canister: 689
QC_Batch: 041626-GCK

Date Sampled: 03/20/26 **Time:** 11:10
Date Analyzed: 04/16/26 **Time:** 19:51
Can Factor: 1.61
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	3.22	9.66	ND	3.71	11.13	ND	ND
74-86-2	Acetylene	3.22	9.66	ND	3.43	10.30	ND	ND
74-84-0	Ethane	3.22	9.66	ND	3.97	11.92	ND	ND
115-07-1	Propene	2.15	6.44	ND	3.70	11.11	ND	ND
74-98-6	Propane	2.15	6.44	ND	3.88	11.64	ND	ND
75-28-5	i-Butane	1.61	4.83	ND	3.83	11.50	ND	ND
106-98-9	1-Butene	1.61	4.83	ND	3.70	11.11	ND	ND
106-97-8	n-Butane	1.61	4.83	ND	3.83	11.50	ND	ND
624-64-6	t-2-Butene	1.61	4.83	3.33	3.70	11.11	7.66	J
590-18-1	c-2-Butene	1.61	4.83	ND	3.70	11.11	ND	ND
78-78-4	i-Pentane	1.29	3.86	5.37	3.81	11.44	15.88	
109-67-1	1-Pentene	1.29	3.86	ND	3.70	11.10	ND	ND
109-66-0	n-Pentane	1.29	3.86	ND	3.81	11.42	ND	ND
646-04-8	t-2-Pentene	1.29	3.86	1.81	3.70	11.10	5.19	J
627-20-3	c-2-Pentene	1.29	3.86	ND	3.70	11.10	ND	ND
75-83-2	2,2-Dimethylbutane	1.07	3.22	ND	3.79	11.38	ND	ND
287-92-3	Cyclopentane	1.29	3.86	ND	3.70	11.10	ND	ND
79-29-8	2,3-Dimethylbutane	1.07	3.22	ND	3.79	11.38	ND	ND
107-83-5	2-Methylpentane	1.07	3.22	ND	3.79	11.38	ND	ND
96-14-0	3-Methylpentane	1.07	3.22	ND	3.79	11.38	ND	ND
110-54-3	n-Hexane	1.07	3.22	ND	3.79	11.38	ND	ND
96-37-7	Methylcyclopentane	1.07	3.22	ND	3.70	11.11	ND	ND
108-08-7	2,4-Dimethylpentane	0.92	2.76	ND	3.78	11.34	ND	ND
71-43-2	Benzene	1.07	3.22	ND	3.44	10.31	ND	ND
110-82-7	Cyclohexane	1.07	3.22	ND	3.70	11.11	ND	ND
591-76-4	2-Methylhexane	0.92	2.76	ND	3.78	11.34	ND	ND
565-59-3	2,3-Dimethylpentane	0.92	2.76	ND	3.78	11.34	ND	ND
589-34-4	3-Methylhexane	0.92	2.76	ND	3.78	11.34	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.81	2.42	ND	3.77	11.31	ND	ND
142-82-5	n-Heptane	0.92	2.76	ND	3.78	11.34	ND	ND
108-87-2	Methylcyclohexane	0.92	2.76	ND	3.70	11.11	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.81	2.42	ND	3.77	11.31	ND	ND
108-88-3	Toluene	0.92	2.76	ND	3.47	10.42	ND	ND
592-27-8	2-Methylheptane	0.81	2.42	ND	3.77	11.31	ND	ND
589-81-1	3-Methylheptane	0.81	2.42	ND	3.77	11.31	ND	ND
111-65-9	n-Octane	0.81	2.42	ND	3.77	11.31	ND	ND
100-41-4	Ethylbenzene	0.81	2.42	ND	3.50	10.51	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.81	2.42	ND	3.50	10.51	ND	ND
100-42-5	Styrene	0.81	2.42	ND	3.44	10.32	ND	ND
95-47-6	o-xylene	0.81	2.42	ND	3.50	10.51	ND	ND
111-84-2	n-Nonane	0.72	2.15	ND	3.76	11.29	ND	ND
98-82-8	i-Propylbenzene	0.72	2.15	ND	3.53	10.58	ND	ND
103-65-1	n-propylbenzene	0.72	2.15	ND	3.53	10.58	ND	ND
620-14-4	3-Ethyltoluene	0.72	2.15	ND	3.53	10.58	ND	ND
622-96-8	4-Ethyltoluene	0.72	2.15	ND	3.53	10.58	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.72	2.15	ND	3.53	10.58	ND	ND
611-14-3	2-Ethyltoluene	0.72	2.15	ND	3.53	10.58	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.72	2.15	2.69	3.53	10.58	13.24	
124-18-5	n-Decane	0.64	1.93	ND	3.76	11.27	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.72	2.15	ND	3.53	10.58	ND	ND
141-93-5	1,3-Diethylbenzene	0.64	1.93	ND	3.54	10.63	ND	ND
105-05-5	1,4-Diethylbenzene	0.64	1.93	ND	3.54	10.63	ND	ND
1120-21-4	Undecane	0.59	1.76	ND	3.75	11.25	ND	ND
112-40-3	Dodecane	0.54	1.61	ND	3.75	11.24	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	12.08	36.23	17.28	42.67	128.01	61.03	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	72.47	217.40	103.65	47.52	142.56	67.97	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 65

File Name: 2604965A
Description: T-509
Canister: 701
QC_Batch: 041626-GCK

Date Sampled: 03/20/26 **Time:** 11:11
Date Analyzed: 04/16/26 **Time:** 20:38
Can Factor: 1.60
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	3.19	9.58	3.23	3.68	11.03	3.72	J
74-86-2	Acetylene	3.19	9.58	ND	3.40	10.21	ND	ND
74-84-0	Ethane	3.19	9.58	ND	3.94	11.82	ND	ND
115-07-1	Propene	2.13	6.39	ND	3.67	11.02	ND	ND
74-98-6	Propane	2.13	6.39	ND	3.85	11.55	ND	ND
75-28-5	i-Butane	1.60	4.79	ND	3.80	11.41	ND	ND
106-98-9	1-Butene	1.60	4.79	ND	3.67	11.02	ND	ND
106-97-8	n-Butane	1.60	4.79	ND	3.80	11.41	ND	ND
624-64-6	t-2-Butene	1.60	4.79	2.15	3.67	11.02	4.94	J
590-18-1	c-2-Butene	1.60	4.79	ND	3.67	11.02	ND	ND
78-78-4	i-Pentane	1.28	3.83	6.25	3.78	11.34	18.48	
109-67-1	1-Pentene	1.28	3.83	ND	3.67	11.01	ND	ND
109-66-0	n-Pentane	1.28	3.83	ND	3.78	11.33	ND	ND
646-04-8	t-2-Pentene	1.28	3.83	1.60	3.67	11.01	4.59	J
627-20-3	c-2-Pentene	1.28	3.83	ND	3.67	11.01	ND	ND
75-83-2	2,2-Dimethylbutane	1.06	3.19	ND	3.76	11.28	ND	ND
287-92-3	Cyclopentane	1.28	3.83	ND	3.67	11.01	ND	ND
79-29-8	2,3-Dimethylbutane	1.06	3.19	ND	3.76	11.28	ND	ND
107-83-5	2-Methylpentane	1.06	3.19	ND	3.76	11.28	ND	ND
96-14-0	3-Methylpentane	1.06	3.19	1.77	3.76	11.28	6.24	J
110-54-3	n-Hexane	1.06	3.19	2.99	3.76	11.28	10.56	J
96-37-7	Methylcyclopentane	1.06	3.19	ND	3.67	11.02	ND	ND
108-08-7	2,4-Dimethylpentane	0.91	2.74	ND	3.75	11.24	ND	ND
71-43-2	Benzene	1.06	3.19	ND	3.41	10.22	ND	ND
110-82-7	Cyclohexane	1.06	3.19	ND	3.67	11.02	ND	ND
591-76-4	2-Methylhexane	0.91	2.74	ND	3.75	11.24	ND	ND
565-59-3	2,3-Dimethylpentane	0.91	2.74	ND	3.75	11.24	ND	ND
589-34-4	3-Methylhexane	0.91	2.74	ND	3.75	11.24	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.80	2.40	ND	3.74	11.21	ND	ND
142-82-5	n-Heptane	0.91	2.74	ND	3.75	11.24	ND	ND
108-87-2	Methylcyclohexane	0.91	2.74	ND	3.67	11.02	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.80	2.40	ND	3.74	11.21	ND	ND
108-88-3	Toluene	0.91	2.74	ND	3.44	10.33	ND	ND
592-27-8	2-Methylheptane	0.80	2.40	ND	3.74	11.21	ND	ND
589-81-1	3-Methylheptane	0.80	2.40	ND	3.74	11.21	ND	ND
111-65-9	n-Octane	0.80	2.40	ND	3.74	11.21	ND	ND
100-41-4	Ethylbenzene	0.80	2.40	ND	3.48	10.43	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.80	2.40	ND	3.48	10.43	ND	ND
100-42-5	Styrene	0.80	2.40	ND	3.41	10.23	ND	ND
95-47-6	o-xylene	0.80	2.40	ND	3.48	10.43	ND	ND
111-84-2	n-Nonane	0.71	2.13	ND	3.73	11.20	ND	ND
98-82-8	i-Propylbenzene	0.71	2.13	ND	3.50	10.49	ND	ND
103-65-1	n-propylbenzene	0.71	2.13	ND	3.50	10.49	ND	ND
620-14-4	3-Ethyltoluene	0.71	2.13	ND	3.50	10.49	ND	ND
622-96-8	4-Ethyltoluene	0.71	2.13	ND	3.50	10.49	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.71	2.13	ND	3.50	10.49	ND	ND
611-14-3	2-Ethyltoluene	0.71	2.13	ND	3.50	10.49	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.71	2.13	1.28	3.50	10.49	6.30	J
124-18-5	n-Decane	0.64	1.92	ND	3.73	11.18	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.71	2.13	ND	3.50	10.49	ND	ND
141-93-5	1,3-Diethylbenzene	0.64	1.92	ND	3.51	10.54	ND	ND
105-05-5	1,4-Diethylbenzene	0.64	1.92	ND	3.51	10.54	ND	ND
1120-21-4	Undecane	0.58	1.74	ND	3.72	11.16	ND	ND
112-40-3	Dodecane	0.53	1.60	ND	3.72	11.15	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	11.98	35.93	20.48	42.31	126.94	72.35	J
TNMHC - C1	Total Non-Methane Hydrocarbons-C	71.86	215.59	122.88	47.12	141.37	80.58	J

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-14 FID

Analytical Method: TO-14FID

SDG: 226049
Laboratory Number: 66

File Name: 2604966A
Description: T-510
Canister: 888
QC_Batch: 032526-GCK

Date Sampled: 03/20/26 **Time:** 11:45
Date Analyzed: 03/25/26 **Time:** 20:05
Can Factor: 1.00
Air Volume: 200 ml

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
74-85-1	Ethene	2.00	6.00	3.20	2.30	6.91	3.68	J
74-86-2	Acetylene	2.00	6.00	ND	2.13	6.39	ND	ND
74-84-0	Ethane	2.00	6.00	2.84	2.47	7.40	3.50	J
115-07-1	Propene	1.33	4.00	ND	2.30	6.90	ND	ND
74-98-6	Propane	1.33	4.00	ND	2.41	7.23	ND	ND
75-28-5	i-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
106-98-9	1-Butene	1.00	3.00	1.68	2.30	6.90	3.86	J
106-97-8	n-Butane	1.00	3.00	ND	2.38	7.14	ND	ND
624-64-6	t-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
590-18-1	c-2-Butene	1.00	3.00	ND	2.30	6.90	ND	ND
78-78-4	i-Pentane	0.80	2.40	ND	2.37	7.10	ND	ND
109-67-1	1-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
109-66-0	n-Pentane	0.80	2.40	ND	2.36	7.09	ND	ND
646-04-8	t-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
627-20-3	c-2-Pentene	0.80	2.40	ND	2.30	6.90	ND	ND
75-83-2	2,2-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
287-92-3	Cyclopentane	0.80	2.40	ND	2.30	6.90	ND	ND
79-29-8	2,3-Dimethylbutane	0.67	2.00	ND	2.36	7.07	ND	ND
107-83-5	2-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
96-14-0	3-Methylpentane	0.67	2.00	ND	2.36	7.07	ND	ND
110-54-3	n-Hexane	0.67	2.00	ND	2.36	7.07	ND	ND
96-37-7	Methylcyclopentane	0.67	2.00	ND	2.30	6.90	ND	ND
108-08-7	2,4-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
71-43-2	Benzene	0.67	2.00	ND	2.13	6.40	ND	ND
110-82-7	Cyclohexane	0.67	2.00	ND	2.30	6.90	ND	ND
591-76-4	2-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
565-59-3	2,3-Dimethylpentane	0.57	1.71	ND	2.35	7.04	ND	ND
589-34-4	3-Methylhexane	0.57	1.71	ND	2.35	7.04	ND	ND
540-84-1	2,2,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
142-82-5	n-Heptane	0.57	1.71	ND	2.35	7.04	ND	ND
108-87-2	Methylcyclohexane	0.57	1.71	ND	2.30	6.90	ND	ND
565-75-3	2,3,4-Trimethylpentane	0.50	1.50	ND	2.34	7.02	ND	ND
108-88-3	Toluene	0.57	1.71	ND	2.16	6.47	ND	ND
592-27-8	2-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
589-81-1	3-Methylheptane	0.50	1.50	ND	2.34	7.02	ND	ND
111-65-9	n-Octane	0.50	1.50	ND	2.34	7.02	ND	ND
100-41-4	Ethylbenzene	0.50	1.50	ND	2.18	6.53	ND	ND

CAS#	Compound	MDL ppbV	RL ppbV	Amount ppbV	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
108-38-3	m,p-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
100-42-5	Styrene	0.50	1.50	ND	2.14	6.41	ND	ND
95-47-6	o-xylene	0.50	1.50	ND	2.18	6.53	ND	ND
111-84-2	n-Nonane	0.44	1.33	ND	2.34	7.01	ND	ND
98-82-8	i-Propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
103-65-1	n-propylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
620-14-4	3-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
622-96-8	4-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
108-67-8	1,3,5-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
611-14-3	2-Ethyltoluene	0.44	1.33	ND	2.19	6.57	ND	ND
95-63-6	1,2,4-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
124-18-5	n-Decane	0.40	1.20	ND	2.33	7.00	ND	ND
526-73-8	1,2,3-Trimethylbenzene	0.44	1.33	ND	2.19	6.57	ND	ND
141-93-5	1,3-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
105-05-5	1,4-Diethylbenzene	0.40	1.20	ND	2.20	6.60	ND	ND
1120-21-4	Undecane	0.36	1.09	ND	2.33	6.99	ND	ND
112-40-3	Dodecane	0.33	1.00	ND	2.33	6.98	ND	ND
	Total Petroleum Hydrocarbons:							
TNMHC - C6	Total Non-Methane Hydrocarbons-C	7.50	22.50	ND	26.50	79.49	ND	ND
TNMHC - C1	Total Non-Methane Hydrocarbons-C	45.00	135.00	ND	29.51	88.52	ND	ND

ENVIRONMENTAL
Analytical Service, Inc.

Analytical Report

Project Name:

Chiquita Canyon

EAS SDG Number: **226049**

Client Project Manager: Chuck Schmidt

Prepared For:
C.E. Schmidt
19200 Live Oak Road
Red Bluff CA 96080

Project Number: 17807
Sample Event Date: 3/16,3/17,3/18,3/
Received Date: 3/20/2026
Report Date: 4/20/2026

Project Number: D1945
PO Number:

This is the Laboratory Report for the samples in the indicated Sample Delivery Group (SDG). Each sample received in the group is assigned a Laboratory ID number. The combination of the SDG number and the Lab ID number is an unique identifier for the sample.

This Report Contains:

Laboratory Work Order
Project Sample Media
Laboratory Case Narrative and Chain of Custody
Method Description (when applicable)
Quality Control Reports
Analytical Reports

NELAC Certification: Florida E871125

173 Cross Street, San Luis Obispo, CA 93401 (805) 781-3585

Laboratory Work Order

SDG Number: 226049
Client: Chuck Schmidt
C.E. Schmidt

Project Number: 17807
Received: 3/20/2026

SAMPLE DESCRIPTION AND ANALYSIS REQUESTED

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 101	226049 1	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 101	226049 1	ASTM D3416 Low Level Methane	3/16/2026
T - 101	226049 1	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 101	226049 1	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 101	226049 1	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 102	226049 2	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 102	226049 2	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 102	226049 2	ASTM D3416 Low Level Methane	3/16/2026
T - 102	226049 2	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 102	226049 2	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 103	226049 3	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 103	226049 3	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 103	226049 3	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 103	226049 3	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 103	226049 3	ASTM D3416 Low Level Methane	3/16/2026
T - 104	226049 4	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 104	226049 4	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 104	226049 4	ASTM D3416 Low Level Methane	3/16/2026
T - 104	226049 4	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 104	226049 4	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 105	226049 5	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 105	226049 5	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 105	226049 5	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 105	226049 5	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 105	226049 5	ASTM D3416 Low Level Methane	3/16/2026
T - 106	226049 6	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 106	226049 6	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 106	226049 6	ASTM D3416 Low Level Methane	3/16/2026
T - 106	226049 6	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 106	226049 6	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 107	226049 7	ASTM D3416 Low Level Methane	3/16/2026
T - 107	226049 7	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 107	226049 7	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 107	226049 7	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 107	226049 7	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 108	226049 8	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 108	226049 8	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 108	226049 8	ASTM D3416 Low Level Methane	3/16/2026
T - 108	226049 8	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 108	226049 8	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 109	226049 9	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 109	226049 9	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 109	226049 9	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 109	226049 9	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 109	226049 9	ASTM D3416 Low Level Methane	3/16/2026
T - 110	226049 10	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 110	226049 10	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 110	226049 10	ASTM D3416 Low Level Methane	3/16/2026
T - 110	226049 10	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 110	226049 10	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 111	226049 11	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 111	226049 11	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 111	226049 11	ASTM D3416 Low Level Methane	3/16/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 111	226049 11	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 111	226049 11	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 112	226049 12	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 112	226049 12	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 112	226049 12	ASTM D3416 Low Level Methane	3/16/2026
T - 112	226049 12	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 112	226049 12	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 113	226049 13	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 113	226049 13	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 113	226049 13	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 113	226049 13	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 113	226049 13	ASTM D3416 Low Level Methane	3/16/2026
T - 114	226049 14	ASTM D1945 Hydrogen Confirmation	3/16/2026
T - 114	226049 14	ASTM D1945 Permanent Gas Analysis	3/16/2026
T - 114	226049 14	ASTM D3416 Low Level Methane	3/16/2026
T - 114	226049 14	EPA TO-12 C2 to C12 CRYO	3/16/2026
T - 114	226049 14	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/16/2026
T - 201	226049 15	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 201	226049 15	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 201	226049 15	ASTM D3416 Low Level Methane	3/17/2026
T - 201	226049 15	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 201	226049 15	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 202	226049 16	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 202	226049 16	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 202	226049 16	ASTM D3416 Low Level Methane	3/17/2026
T - 202	226049 16	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 202	226049 16	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 203	226049 17	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 203	226049 17	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 203	226049 17	ASTM D1945 Hydrogen Confirmation	3/17/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 203	226049 17	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 203	226049 17	ASTM D3416 Low Level Methane	3/17/2026
T - 204	226049 18	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 204	226049 18	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 204	226049 18	ASTM D3416 Low Level Methane	3/17/2026
T - 204	226049 18	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 204	226049 18	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 205	226049 19	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 205	226049 19	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 205	226049 19	ASTM D3416 Low Level Methane	3/17/2026
T - 205	226049 19	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 205	226049 19	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 206	226049 20	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 206	226049 20	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 206	226049 20	ASTM D3416 Low Level Methane	3/17/2026
T - 206	226049 20	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 206	226049 20	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 207	226049 21	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 207	226049 21	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 207	226049 21	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 207	226049 21	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 207	226049 21	ASTM D3416 Low Level Methane	3/17/2026
T - 208	226049 22	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 208	226049 22	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 208	226049 22	ASTM D3416 Low Level Methane	3/17/2026
T - 208	226049 22	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 208	226049 22	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 209	226049 23	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 209	226049 23	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 209	226049 23	ASTM D3416 Low Level Methane	3/17/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 209	226049 23	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 209	226049 23	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 210	226049 24	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 210	226049 24	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 210	226049 24	ASTM D3416 Low Level Methane	3/17/2026
T - 210	226049 24	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 210	226049 24	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 211	226049 25	ASTM D3416 Low Level Methane	3/17/2026
T - 211	226049 25	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 211	226049 25	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 211	226049 25	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 211	226049 25	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 212	226049 26	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 212	226049 26	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 212	226049 26	ASTM D3416 Low Level Methane	3/17/2026
T - 212	226049 26	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 212	226049 26	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 213	226049 27	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 213	226049 27	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 213	226049 27	ASTM D3416 Low Level Methane	3/17/2026
T - 213	226049 27	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 213	226049 27	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 214	226049 28	ASTM D1945 Hydrogen Confirmation	3/17/2026
T - 214	226049 28	ASTM D1945 Permanent Gas Analysis	3/17/2026
T - 214	226049 28	ASTM D3416 Low Level Methane	3/17/2026
T - 214	226049 28	EPA TO-12 C2 to C12 CRYO	3/17/2026
T - 214	226049 28	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/17/2026
T - 301	226049 29	ASTM D3416 Low Level Methane	3/18/2026
T - 301	226049 29	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 301	226049 29	ASTM D1945 Hydrogen Confirmation	3/18/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 301	226049 29	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 301	226049 29	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 302	226049 30	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 302	226049 30	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 302	226049 30	ASTM D3416 Low Level Methane	3/18/2026
T - 302	226049 30	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 302	226049 30	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 303	226049 31	ASTM D3416 Low Level Methane	3/18/2026
T - 303	226049 31	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 303	226049 31	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 303	226049 31	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 303	226049 31	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 304	226049 32	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 304	226049 32	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 304	226049 32	ASTM D3416 Low Level Methane	3/18/2026
T - 304	226049 32	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 304	226049 32	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 305	226049 33	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 305	226049 33	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 305	226049 33	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 305	226049 33	ASTM D3416 Low Level Methane	3/18/2026
T - 305	226049 33	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 306	226049 34	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 306	226049 34	ASTM D3416 Low Level Methane	3/18/2026
T - 306	226049 34	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 306	226049 34	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 306	226049 34	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 307	226049 35	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 307	226049 35	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 307	226049 35	ASTM D3416 Low Level Methane	3/18/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 307	226049 35	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 307	226049 35	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 308	226049 36	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 308	226049 36	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 308	226049 36	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 308	226049 36	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 308	226049 36	ASTM D3416 Low Level Methane	3/18/2026
T - 309	226049 37	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 309	226049 37	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 309	226049 37	ASTM D3416 Low Level Methane	3/18/2026
T - 309	226049 37	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 309	226049 37	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 310	226049 38	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 310	226049 38	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 310	226049 38	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 310	226049 38	ASTM D3416 Low Level Methane	3/18/2026
T - 310	226049 38	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 311	226049 39	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 311	226049 39	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 311	226049 39	ASTM D3416 Low Level Methane	3/18/2026
T - 311	226049 39	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 311	226049 39	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 312	226049 40	ASTM D3416 Low Level Methane	3/18/2026
T - 312	226049 40	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 312	226049 40	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 312	226049 40	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 312	226049 40	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 313	226049 41	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 313	226049 41	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 313	226049 41	ASTM D3416 Low Level Methane	3/18/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 313	226049 41	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 313	226049 41	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 314	226049 42	ASTM D1945 Hydrogen Confirmation	3/18/2026
T - 314	226049 42	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/18/2026
T - 314	226049 42	EPA TO-12 C2 to C12 CRYO	3/18/2026
T - 314	226049 42	ASTM D3416 Low Level Methane	3/18/2026
T - 314	226049 42	ASTM D1945 Permanent Gas Analysis	3/18/2026
T - 401	226049 43	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 401	226049 43	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 401	226049 43	ASTM D3416 Low Level Methane	3/19/2026
T - 401	226049 43	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 401	226049 43	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 402	226049 44	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 402	226049 44	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 402	226049 44	ASTM D3416 Low Level Methane	3/19/2026
T - 402	226049 44	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 402	226049 44	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 403	226049 45	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 403	226049 45	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 403	226049 45	ASTM D3416 Low Level Methane	3/19/2026
T - 403	226049 45	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 403	226049 45	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 404	226049 46	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 404	226049 46	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 404	226049 46	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 404	226049 46	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 404	226049 46	ASTM D3416 Low Level Methane	3/19/2026
T - 405	226049 47	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 405	226049 47	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 405	226049 47	ASTM D3416 Low Level Methane	3/19/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 405	226049 47	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 405	226049 47	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 406	226049 48	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 406	226049 48	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 406	226049 48	ASTM D3416 Low Level Methane	3/19/2026
T - 406	226049 48	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 406	226049 48	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 407	226049 49	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 407	226049 49	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 407	226049 49	ASTM D3416 Low Level Methane	3/19/2026
T - 407	226049 49	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 407	226049 49	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 408	226049 50	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 408	226049 50	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 408	226049 50	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 408	226049 50	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 408	226049 50	ASTM D3416 Low Level Methane	3/19/2026
T - 409	226049 51	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 409	226049 51	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 409	226049 51	ASTM D3416 Low Level Methane	3/19/2026
T - 409	226049 51	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 409	226049 51	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 410	226049 52	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 410	226049 52	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 410	226049 52	ASTM D3416 Low Level Methane	3/19/2026
T - 410	226049 52	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 410	226049 52	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 411	226049 53	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 411	226049 53	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 411	226049 53	ASTM D3416 Low Level Methane	3/19/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 411	226049 53	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 411	226049 53	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 412	226049 54	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 412	226049 54	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 412	226049 54	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 412	226049 54	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 412	226049 54	ASTM D3416 Low Level Methane	3/19/2026
T - 413	226049 55	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 413	226049 55	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 413	226049 55	ASTM D3416 Low Level Methane	3/19/2026
T - 413	226049 55	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 413	226049 55	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 414	226049 56	ASTM D1945 Permanent Gas Analysis	3/19/2026
T - 414	226049 56	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/19/2026
T - 414	226049 56	ASTM D3416 Low Level Methane	3/19/2026
T - 414	226049 56	ASTM D1945 Hydrogen Confirmation	3/19/2026
T - 414	226049 56	EPA TO-12 C2 to C12 CRYO	3/19/2026
T - 501	226049 57	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 501	226049 57	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 501	226049 57	ASTM D3416 Low Level Methane	3/20/2026
T - 501	226049 57	EPA TO-12 C2 to C12 CRYO	3/20/2026
T - 501	226049 57	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 502	226049 58	ASTM D3416 Low Level Methane	3/20/2026
T - 502	226049 58	EPA TO-12 C2 to C12 CRYO	3/20/2026
T - 502	226049 58	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 502	226049 58	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 502	226049 58	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 503	226049 59	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 503	226049 59	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 503	226049 59	ASTM D3416 Low Level Methane	3/20/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 503	226049 59	EPA TO-12 C2 to C12 CRYO	3/20/2026
T - 503	226049 59	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 504	226049 60	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 504	226049 60	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 504	226049 60	ASTM D3416 Low Level Methane	3/20/2026
T - 504	226049 60	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 504	226049 60	EPA TO-12 C2 to C12 CRYO	3/20/2026
T - 505	226049 61	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 505	226049 61	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 505	226049 61	ASTM D3416 Low Level Methane	3/20/2026
T - 505	226049 61	EPA TO-12 C2 to C12 CRYO	3/20/2026
T - 505	226049 61	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 506	226049 62	ASTM D3416 Low Level Methane	3/20/2026
T - 506	226049 62	EPA TO-12 C2 to C12 CRYO	3/20/2026
T - 506	226049 62	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 506	226049 62	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 506	226049 62	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 507	226049 63	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 507	226049 63	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 507	226049 63	ASTM D3416 Low Level Methane	3/20/2026
T - 507	226049 63	EPA TO-12 C2 to C12 CRYO	3/20/2026
T - 507	226049 63	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 508	226049 64	ASTM D3416 Low Level Methane	3/20/2026
T - 508	226049 64	EPA TO-12 C2 to C12 CRYO	3/20/2026
T - 508	226049 64	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 508	226049 64	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 508	226049 64	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 509	226049 65	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 509	226049 65	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 509	226049 65	ASTM D3416 Low Level Methane	3/20/2026

Client Sample ID	EAS Lab No.	Analysis Requested	Date Sampled
T - 509	226049 65	EPA TO-12 C2 to C12 CRYO	3/20/2026
T - 509	226049 65	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 510	226049 66	EPA TO-15 Full List 95 + 1,1 DFA,Acrolein + TIC 1	3/20/2026
T - 510	226049 66	ASTM D1945 Hydrogen Confirmation	3/20/2026
T - 510	226049 66	ASTM D1945 Permanent Gas Analysis	3/20/2026
T - 510	226049 66	ASTM D3416 Low Level Methane	3/20/2026
T - 510	226049 66	EPA TO-12 C2 to C12 CRYO	3/20/2026

Project Sample Media

SDG Number: 226049

The following sample media was used for this Sample Delivery Group (SDG). The Sample Media column identifies the type of media. For canisters, the Sample Media Batch gives the canister number followed by the cleaning batch number, which is a unique identification. The initial pressure of the canister when it is received is recorded. If the canister is not pressurized, the final pressure will be the same as the initial pressure. If the canister is pessurized the final pressure will be recorded, and the canister dilution factor is calculated as the ratio of the final to initial pressure. The results are adjusted for the can dilution factor.

SDG	Lab ID	Client Sample No.	Sample Media	Batch	Pressure, torr Initial	Final	Can Factor
226049	1	T - 101	850		675	675	1.00
226049	2	T - 102	738		669	669	1.00
226049	3	T - 103	889		678	678	1.00
226049	4	T - 104	627		661	661	1.00
226049	5	T - 105	760		680	680	1.00
226049	6	T - 106	781		678	678	1.00
226049	7	T - 107	712		664	664	1.00
226049	8	T - 108	880		670	670	1.00
226049	9	T - 109	710		678	678	1.00
226049	10	T - 110	618		686	686	1.00
226049	11	T - 111	856		697	697	1.00
226049	12	T - 112	679		651	651	1.00
226049	13	T - 113	690		743	743	1.00
226049	14	T - 114	539		725	725	1.00
226049	15	T - 201	508		666	666	1.00
226049	16	T - 202	882		661	661	1.00
226049	17	T - 203	699		621	621	1.00
226049	18	T - 204	726		667	667	1.00
226049	19	T - 205	786		671	671	1.00
226049	20	T - 206	547		657	657	1.00
226049	21	T - 207	762		675	675	1.00
226049	22	T - 208	657		654	654	1.00
226049	23	T - 209	645		661	661	1.00
226049	24	T - 210	647		665	665	1.00
226049	25	T - 211	823		664	664	1.00

SDG	Lab ID	Client Sample No.	Sample Media	Batch	Pressure, torr Initial	Final	Can Factor
226049	26	T - 212	503		667	667	1.00
226049	27	T - 213	534		671	671	1.00
226049	28	T - 214	900		695	695	1.00
226049	29	T - 301	766		678	678	1.00
226049	30	T - 302	692		682	682	1.00
226049	31	T - 303	642		668	668	1.00
226049	32	T - 304	684		675	675	1.00
226049	33	T - 305	800		740	740	1.00
226049	34	T - 306	405		658	658	1.00
226049	35	T - 307	846		654	654	1.00
226049	36	T - 308	621		649	649	1.00
226049	37	T - 309	605		662	662	1.00
226049	38	T - 310	852		657	657	1.00
226049	39	T - 311	877		652	652	1.00
226049	40	T - 312	634		650	650	1.00
226049	41	T - 313	775		655	655	1.00
226049	42	T - 314	652		682	682	1.00
226049	43	T - 401	668		696	696	1.00
226049	44	T - 402	734		686	686	1.00
226049	45	T - 403			679	679	1.00
226049	46	T - 404	675		683	683	1.00
226049	47	T - 405	638		621	621	1.00
226049	48	T - 406	779		665	665	1.00
226049	49	T - 407	663		676	676	1.00
226049	50	T - 408	644		665	665	1.00
226049	51	T - 409	812		646	646	1.00
226049	52	T - 410	783		646	646	1.00
226049	53	T - 411	803		677	677	1.00
226049	54	T - 412	704		655	655	1.00
226049	55	T - 413	753		643	643	1.00
226049	56	T - 414	610		703	703	1.00
226049	57	T - 501	653		712	712	1.00
226049	58	T - 502	633		667	667	1.00

SDG	Lab ID	Client Sample No.	Sample Media	Batch	Pressure, torr Initial	Final	Can Factor
226049	59	T - 503	739		668	668	1.00
226049	60	T - 504	685		681	681	1.00
226049	61	T - 505	662		667	667	1.00
226049	62	T - 506	635		647	647	1.00
226049	63	T - 507	600		660	660	1.00
226049	64	T - 508	689		660	660	1.00
226049	65	T - 509	701		659	659	1.00
226049	66	T - 510	888		715	715	1.00

Laboratory Case Narrative

EAS SDG Number: 226049 **Project Number:** 17807

Client: C.E. Schmidt

The Laboratory Case Narrative for the SDG is below. The Chain of Custody form(s) follow the Laboratory Case Narrative.

Sample Control Narrative

The samples were all received in good condition and with proper preservation.

Analytical Methods

The methods used for sample analysis are listed on the Analytyical Report header, and have been modified as described in the EAS Quality Manual..

Case Narrative

QC Narrative

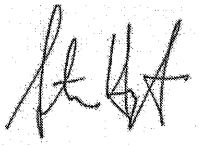
All analyses met EAS method criteria as defined in the Quality Manual, except as noted in the report or QC reports with data qualifiers.

Subcontract Narrative

No sample analysis was subcontracted for this project

Laboratory Certification

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness other than the condition(s) noted above. The Laboratory Report is property of EAS and its client. The entire report has been reviewed and approved.



Date Approved: 4/20/2026

Steven D. Hoyt, Ph.D.
Environmental Analytical Service
Laboratory Director

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CE Schmidt, PhD, Environmental Consultant — **TO-15 Day 1**

Chain of Custody Record

Form Serial Number: CES F1-02106	For Information Regarding These Samples Please Contact:	Client Address and Phone Number: *3900 Kilroy Airport Way, Suite 100, Long Beach, CA 90806 562-743-7895*
Client Name: *SCS* / *Chiquita Canyon Landfill*	**Dr. Charles E. Schmidt**	Laboratory Name: *EAS*
Project Manager: *Pat Sullivan*	19200 Live Oak Road, Red Bluff, CA 96080	Laboratory Address: *173 Cross Street, San Luis Obispo, CA 93401*
Requested Completion Date	530-529-4256 Cell: 530-200-2473	Laboratory Phone: *805-781-3585*
	E-Mail: SCHMIDTCE@aol.com	Laboratory Contact: *Dr. Steve Hoyt* *stevehoyt@easlab.com*

Station Number	Date	Time	COMP	GRAB	Sample ID Number	Can ID Number	# OF CONTAINERS	Sample Container: Vial	Can	Tube	TO-12 FID (TNMHC)	TO-14 FID (See back)	TO-15 (List on back)	Fixed gases (iList on back)	1,1-DFA Tracer	Can Pressure In (Inches Hg)	Can Pressure Out (Inches	Remarks
	3/16/2026	1120		x	T - 101	850	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1113		x	T - 102	788	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1109		x	T - 103	887	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1119		x	T - 104	627	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1234		x	T - 105	760	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1257		x	T - 106	781	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1227		x	T - 107	712	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1241		x	T - 108	880	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1243		x	T - 109	710	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1251		x	T - 110	618	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1404		x	T - 111	856	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1257		x	T - 112	677	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1301		x	T - 113	690	1		x		x	x	x	x	x	-29	0	
	3/16/2026	1430		x	T - 114	539	1		x		x	x	x	x	x	-29	0	

Sampler: CE SCHMIDT	Date/Time: 3/20/26 1200	Relinquished by: CE SCHMIDT	Date/Time: 3/20/26 1200
Recieved by: EAS	Date/Time	Relinquished by	Date/Time
Recieved by	Date/Time	Relinquished by	Date/Time
Recieved by Laboratory:	Date/Time: 3/20/26 1530	Sample Shipped Via: UPS FEDEX BUS Other	
Remarks			

HAZWRAP/NEESA Y N
QC Level 1 2 3
COC
Ana Req
Cust Seal
Sample Condition

File: Chiquita Cyn Forms TO-15.xlsb Form: COC TO-15 D1

CE Schmidt, PhD, Environmental Consultant

Chain of Custody Record

TO-15 Day 2

Form Serial Number **CES F1-02106**	For Information Regarding These Samples Please Contact: **Dr. Charles E. Schmidt** 19200 Live Oak Road, Red Bluff, CA 96080 530-529-4256 Cell: 530-200-2473 E-Mail: SCHMIDTCE@aol.com
Client Name ***SCS*** ***Chiquita Canyon Landfill***	Client Address and Phone Number ***3900 Kilroy Airport Way, Suite 100*** ***Long Beach, CA 90806 562-743-7895***
Project Manager ***Pat Sullivan***	Laboratory Name ***EAS***
Requested Completion Date	Laboratory Address ***173 Cross Street*** ***San Luis Obispo, CA 93401***
	Laboratory Phone ***805-781-3585***
	Laboratory Contact ***Dr. Steve Hoyt*** *stevehoyt@easlab.com*

Station Number	Date	Time	COMP	GRAB	Sample ID Number	Can ID Number	# OF CONTAINERS	Sample Container: Vial	Sample Container: Can	Sample Container: Tube	Analysis Requested: TO-12 FID (TNMHC)	TO-14 FID (See back)	TO-15 (List on back)	Fixed gases (List on back)	1,1-DFA Tracer	Can Pressure In (Inches Hg)	Can Pressure Out (Inches	Remarks
	3/17/2026	1020		x	T - 201	508	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1044		x	T - 202	682	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1024		x	T - 203	699	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1010		x	T - 204	716	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1140		x	T - 205	786	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1133		x	T - 206	547	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1126		x	T - 207	762	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1127		x	T - 208	657	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1238		x	T - 209	645	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1241		x	T - 210	647	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1235		x	T - 211	873	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1240		x	T - 212	503	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1231		x	T - 213	534	1		x		x	x	x	x	x	-29	0	
	3/17/2026	1359		x	T - 214	900	1		x		x	x	x	x	x	-29	0	

Sampler [illegible]	Date/Time 3/20/26 1200	Relinquished by [illegible]	Date/Time 3/20/26 1200
Recieved by [illegible]	Date/Time	Relinquished by	Date/Time
Recieved by	Date/Time	Relinquished by	Date/Time
Recieved by Laboratory [illegible]	Date/Time 3/20/26 1530	Sample Shipped Via UPS FEDEX BUS Other	
Remarks			

HAZWRAP/NEESA Y N
QC Level 1 2 3
COC
Ana Req
Cust Seal
Sample Condition

File: Chiquita Cyn Forms TO-15.xlsb Form: COC TO-15 D2

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CE Schmidt, Phd, Environmental Consultant — **TO-15 Day 3**

Chain of Custody Record

Form Serial Number	For Information Regarding These Samples Please Contact:		Client Address and Phone Number	Laboratory Name
CES F1-02106			*3900 Kilroy Airport Way, Suite 100*	*EAS*
Client Name	**Dr. Charles E. Schmidt**		*Long Beach, CA 90806 562-743-7895*	Laboratory Address
SCS	19200 Live Oak Road, Red Bluff, CA 96080			*173 Cross Street*
Chiquita Canyon Landfill	530-529-4256 Cell: 530-200-2473			*San Luis Obispo, CA 93401*
Project Manager	E-Mail: SCHMIDTCE@aol.com			Laboratory Phone
Pat Sullivan				*805-781-3585*
Requested Completion Date				Laboratory Contact
				Dr. Steve Hoyt
				stevehoyt@easlab.com

Station Number	Date	Time	COMP	GRAB	Sample ID Number	Can ID Number	# OF CONTAINERS	Sample Container: Vial	Sample Container: Can	Sample Container: Tube	Analysis Requested: TO-12 FID (TNMHC)	TO-14 FID (See back)	TO-15 (List on back)	Fixed gases (List on back)	1,1-DFA Tracer	Can Pressure In (Inches Hg)	Can Pressure Out (Inches	Remarks
	3/18/2026	1008		x	T - 301	766	1		x		x	x	x	x	x	-29	0	
	3/18/2026	1013		x	T - 302	692	1		x		x	x	x	x	x	-29	0	
	3/18/2026	1014		x	T - 303	642	1		x		x	x	x	x	x	-29	0	
	3/18/2026	1011		x	T - 304	684	1		x		x	x	x	x	x	-29	0	
	3/18/2026	1100		x	T - 305	800	1		x		x	x	x	x	x	-29	0	
	3/18/2026	1103		x	T - 306	405	1		x		x	x	x	x	x	-29	0	
	3/18/2026	1105		x	T - 307	816	1		x		x	x	x	x	x	-29	0	
	3/18/2026	1110		x	T - 308	621	1		x		x	x	x	x	x	-29	0	
	3/18/2026	1212		x	T - 309	605	1		x		x	x	x	x	x	-29	0	
	3/18/2026	1219		x	T - 310	852	1		x		x	x	x	x	x	-29	0	
	3/18/2026	1208		x	T - 311	817	1		x		x	x	x	x	x	-29	0	
	3/18/2026	1220		x	T - 312	634	1		x		x	x	x	x	x	-29	0	
	3/18/2026	1223		x	T - 313	775	1		x		x	x	x	x	x	-29	0	
	3/18/2026	1230		x	T - 314	652	1		x		x	x	x	x	x	-29	0	

Sampler	Date/Time	Relinquished by	Date/Time	HAZWRAP/NEESA Y N
DS Schmidt	3/20/26 1200	DS Schmidt	3/20/26 1200	QC Level 1 2 3
Recieved by: DS Schmidt	Date/Time	Relinquished by	Date/Time	COC
Recieved by	Date/Time	Relinquished by	Date/Time	Ana Req
Recieved by Laboratory	Date/Time: 3/20/20 1530	Sample Shipped Via: UPS FEDEX BUS Other		Cust Seal
Remarks				Sample Condition

File: Chiquita Cyn Forms TO-15.xlsb Form: COC TO-15 D3

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CE Schmidt, Ph.D., Environmental Consultant — **TO-15 Day 4**

Chain of Custody Record

Form Serial Number	For Information Regarding These Samples Please Contact:	Client Address and Phone Number	Laboratory Name
CES F1-02106		*3900 Kilroy Airport Way, Suite 100*	*EAS*
Client Name	**Dr. Charles E. Schmidt**	*Long Beach, CA 90806 562-743-7895*	Laboratory Address
SCS	19200 Live Oak Road, Red Bluff, CA 96080		*173 Cross Street*
Chiquita Canyon Landfill	530-529-4256 Cell: 530-200-2473		*San Luis Obispo, CA 93401*
Project Manager	E-Mail: SCHMIDTCE@aol.com		Laboratory Phone
Pat Sullivan			*805-781-3585*
Requested Completion Date			Laboratory Contact
			Dr. Steve Hoyt
			stevehoyt@easlab.com

Station Number	Date	Time	COMP	GRAB	Sample ID Number	Can ID Number	# OF CONTAINERS	Sample Container: Vial	Can	Tube	Analysis Requested: TO-12 FID (TNMHC)	TO-14 FID (See back)	TO-15 (List on back)	Fixed gases (List on back)	1,1-DFA Tracer	Can Pressure In (Inches Hg)	Can Pressure Out (Inches	Remarks
	3/19/2026	939		x	T - 401	668 734	1		x		x	x	x	x	x	-29	0	
	3/19/2026	936		x	T - 402		1		x		x	x	x	x	x	-29	0	
	3/19/2026	930		x	T - 403	556	1		x		x	x	x	x	x	-29	0	
	3/19/2026	907		x	T - 404	675	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1036		x	T - 405	638	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1038		x	T - 406	709	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1043		x	T - 407	663	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1042		x	T - 408	644	1		x		x	x	x	x	x	-29	0	
1213	3/19/2026	~~1215~~		x	T - 409	812	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1210		x	T - 410	783	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1204		x	T - 411	603	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1211		x	T - 412	704	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1217		x	T - 413	753	1		x		x	x	x	x	x	-29	0	
	3/19/2026	1240		x	T - 414	610	1		x		x	x	x	x	x	-29	0	

Sampler	Date/Time	Relinquished by	Date/Time	HAZWRAP/NEESA Y N
CE Schmidt	3/20/26 1200	CE Schmidt	3/20/26 1200	QC Level 1 2 3
Recieved by EAS	Date/Time	Relinquished by	Date/Time	COC
Recieved by	Date/Time	Relinquished by	Date/Time	Ana Req
				Cust Seal
Recieved by laboratory	Date/Time 3/20/26 1530	Sample Shipped Via UPS FEDEX BUS Other		Sample Condition
Remarks				

File: Chiquita Cyn Forms TO-15.xlsb Form: COC TO-15 D4

CE Schmidt, PhD, Environmental Consultant — **TO-15 Day 5**

Chain of Custody Record

| | | |

Quality Control Report

EAS SDG Number: 226049

Project Number: 17807

QC Narrative

Samples were anlayzed in a daily analytical batch (DAB) designated by a QC batch number, and were analyzed using EAS standard laboratory QC specified in the EAS Quality Manual which may be different then the referrenced agency method. Any deviations from the EAS QC criteria are flagged in the Laboratory Control Reports or in the sample Analytical Reports.

Standard Laboratory QC Report

Unless project specific QC was requested, this Section containing the standard laboratory QC (Level 2) supplied with the Analytical Reports. Each sample is analyzed in a Daily Analytical Batch (DAB) which includes the method blank, a laboratory control spike (LCS) and a laboratory control duplicate (LCD). A Daily Analytical Batch QC report is supplied for each method requested.

Method Blank

The method blank is a laboratory generated sample which assesses the degree to which laboratory operations cause a false positive. The target analytes in the analytical reports for a daily analytical batch are "B" flagged if their concentrations are present in the Method Blank above the RL, unless the result is greater then ten times the blank value..

Laboratory Control Spike

A laboratory control spike is a well characterized matrix similar to the sample which is spiked and run in duplicate with each Daily Analytical Batch. The laboratory control spike results are reported as a percent recovery. The QC Criteria for the control spike is listed in the Laboratory Control Report. Any results outside the control limits are flagged with a "Q" on the Laboratory Control Report. The control spike contains an abbreviated list of compounds in the method, and may contain compounds not on the target list for the specified report.

Laboratory Control Duplicate

The laboratory control duplicate is a duplicate analysis of the laboratory control spike, a standard, or a sample depending on the method. The results are reported as a relative percent difference (RPD). The criteria for the duplicate is in the Laboratory Control Report for the Daily Analytical Batch. Any results outside the control limits are flagged with a "Q" on the Laboratory Control Report.

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: LABQC
Laboratory Number: B04086B

File Name: B04086B
Description: METHOD BLANK
Can/Tube#:
QC_Batch: 040826-GCO

Date Sampled:
Date Analyzed: 04/08/26
Can Dilution Factor: 1.00

Time:
Time: 14:14

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.380	0.407	ND	3,800	4,066	ND	ND
7782-44-7	Oxygen	0.050	0.054	0.09	500	535	885	
630-08-0	Carbon Monoxide	0.010	0.011	ND	100	107	ND	ND
124-38-9	Carbon Dioxide	0.010	0.011	ND	100	107	ND	ND

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: LABQC
Laboratory Number: B04276B

File Name: B04276B
Description: METHOD BLANK
Can/Tube#:
QC_Batch: 042726-GCO

Date Sampled:
Date Analyzed: 4/27/2026
Can Dilution Factor: 1.00

Time:
Time: 16:56

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.380	0.407	ND	3,800	4,066	ND	ND
7782-44-7	Oxygen	0.050	0.054	0.21	500	535	2,078	
630-08-0	Carbon Monoxide	0.010	0.011	ND	100	107	ND	ND
124-38-9	Carbon Dioxide	0.010	0.011	ND	100	107	ND	ND

QUALITY CONTROL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

Laboratory Control Spike and Laboratory Control Duplicate

ASTM D 1945 GC/TCD
Analytical Method: D1945

Date: 04/08/26
QC_Batch: 040826-GCO

CAS#	Compound	LCS Recovery %	Flag	LCD Recovery %	Flag	Spike Limit LCL %	Spike Limit UCL %	Duplicate %	Duplicate Limit %	Flag
7782-44-7	Oxygen	97		93		70	130	5	25	
7727-37-9	Nitrogen	83		74		70	130	11	25	
74-82-8	Methane	99		98		70	130	1	25	
630-08-0	Carbon Monoxide	98		96		70	130	2	25	
124-38-9	Carbon Dioxide	106		104		70	130	2	25	

QUALITY CONTROL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

Laboratory Control Spike and Laboratory Control Duplicate

ASTM D 1945 GC/TCD
Analytical Method: D1945

Date: 04/27/2026
QC_Batch: 042726-GCO

CAS#	Compound	LCS Recovery %	Flag	LCD Recovery %	Flag	Spike Limit LCL %	Spike Limit UCL %	Duplicate %	Duplicate Limit %	Flag
7782-44-7	Oxygen	113		104		70	130	9	25	
7727-37-9	Nitrogen	127		103		70	130	21	25	
74-82-8	Methane	90		91		70	130	1	25	
630-08-0	Carbon Monoxide	94		93		70	130	0	25	
124-38-9	Carbon Dioxide	124		120		70	130	3	25	

Analytical Reports

EAS SDG Number: 226049

Project Number: 17807

The following pages contain the certified Analytical Reports for the samples submitted in the Sample Delivery Group (SDG) and are in order of the EAS Lab ID number. All of the analytical methods used are modifications of the published methods. Procedural method modifications, QC modifications, QC Criteria modifications, target lists, definitions of detection limits, and flags are all explained in detail in the EAS Quality Manual. The Analytical Report has columns for the method detection limit (MDL), the reporting limit (RL), and the Amount. The Amount is the concentration of the compound in the sample. The report usually has the results reported with two commonly used units. The MDL, RL, and Amount are adjusted for the canister dilution factor and any dilution caused by sample matrix effects.

NELAC CERTIFICATION

EAS is accredited by the National Environmental Laboratory Accreditation (NELAC) with the Florida Department of Health, one of the NELAC certifying states. EAS is certified for the EPA TO-15, EPA TO-11 and EPA TO-4 methods. A list of accredited compounds is available on request.

DETECTION LIMITS

MDL: The MDL is lowest concentration that can be measured to be statistically above the noise level and is determined using the EPA 2016 method which uses the standard deviation of replicate measurements made over time. The method also incorporates systematic instrumentation blank levels. See Quality Manual for detailed explanation.

RL: The reporting limit (RL) is the lowest concentration that can be reliably reported for each compound that meets the QC Criteria for the method, background levels, or project specific considerations. The QC criteria level for the method blank is to be less then the RL See Quality Manual for more information.

DATA FLAGS

In the standard report, if a compound is not detected above the method detection limit, a "ND" is in the Amount column. The flag column is used for both the not detect flag and for any data flags.

B - This compound was detected in the batch method blank above the reporting limit and is greater then one tenth the amount in the sample.

E - This compound exceeds the calibration range for this sample volume.

J - The amount reported is estimated because it was below the RL and could be below the lowest calibration point, have higher uncertainty, or could be the result of system background

SIGNIFICANT FIGURES

Based on the uncertainty in the methods, the numbers on the Analytical Reports should be used with only two significant digits. Additional significant figures are reported for ease of use and to avoid rounding errors when used in further calculations.

UNITS

PPBV or PPMV: Parts-per-billion (or million) by volume is a mole (volume) ratio of the moles of analyte divided by the moles of air (gas). This is the primary unit used to report air or gas concentrations and is independent of temperature and pressure.

UG/M3 OR MG/M3: The reported result was calculated based on 1 atm pressure and a temperature of 25C. The conversion from PPBV is: UG/M3 = PPBV x MW/24.46 where 24.26 is the gas constant and MW is the Compounds Molecular Weight (sometimes called Formula Weight)

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 01

File Name: 2604901A
Description: T-101
Can/Tube#: 850
QC_Batch: 040826-GCO

Date Sampled: 03/16/26 **Time:** 11:20
Date Analyzed: 04/08/26 **Time:** 14:20
Can Dilution Factor: 1.48

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.563	0.602	ND	5,634	6,028	ND	ND
7782-44-7	Oxygen	0.074	0.079	17.41	741	793	174,095	
630-08-0	Carbon Monoxide	0.015	0.016	ND	148	159	ND	ND
124-38-9	Carbon Dioxide	0.015	0.016	0.14	148	159	1,369	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 02

File Name: 2604902A
Description: T-102
Can/Tube#: 738
QC_Batch: 040826-GCO

Date Sampled: 03/16/26 **Time:** 11:13
Date Analyzed: 04/08/26 **Time:** 14:26
Can Dilution Factor: 1.18

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.449	0.480	ND	4,491	4,806	ND	ND
7782-44-7	Oxygen	0.059	0.063	17.55	591	632	175,549	
630-08-0	Carbon Monoxide	0.012	0.013	ND	118	126	ND	ND
124-38-9	Carbon Dioxide	0.012	0.013	0.12	118	126	1,181	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 03

File Name: 2604903A
Description: T-103
Can/Tube#: 889
QC_Batch: 040826-GCO

Date Sampled: 03/16/26 **Time:** 11:09
Date Analyzed: 04/08/26 **Time:** 14:33
Can Dilution Factor: 1.43

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.542	0.580	ND	5,419	5,798	ND	ND
7782-44-7	Oxygen	0.071	0.076	17.51	713	763	175,106	
630-08-0	Carbon Monoxide	0.014	0.015	ND	143	153	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	0.34	143	153	3,411	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 04

File Name: 2604904A
Description: T-104
Can/Tube#: 627
QC_Batch: 040826-GCO

Date Sampled: 03/16/26 **Time:** 11:19
Date Analyzed: 04/08/26 **Time:** 14:39
Can Dilution Factor: 1.43

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.544	0.582	ND	5,445	5,826	ND	ND
7782-44-7	Oxygen	0.072	0.077	17.47	716	767	174,730	
630-08-0	Carbon Monoxide	0.014	0.015	ND	143	153	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	0.30	143	153	3,047	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 05

File Name: 2604905A
Description: T-105
Can/Tube#: 760
QC_Batch: 040826-GCO

Date Sampled: 03/16/26 **Time:** 12:34
Date Analyzed: 04/08/26 **Time:** 14:46
Can Dilution Factor: 1.40

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.531	0.568	ND	5,313	5,685	ND	ND
7782-44-7	Oxygen	0.070	0.075	17.37	699	748	173,691	
630-08-0	Carbon Monoxide	0.014	0.015	ND	140	150	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	ND	140	150	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 06

File Name: 2604906A
Description: T-106
Can/Tube#: 781
QC_Batch: 040826-GCO

Date Sampled: 03/16/26 **Time:** 12:37
Date Analyzed: 04/08/26 **Time:** 14:52
Can Dilution Factor: 1.39

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.530	0.567	ND	5,295	5,666	ND	ND
7782-44-7	Oxygen	0.070	0.075	17.41	697	746	174,074	
630-08-0	Carbon Monoxide	0.014	0.015	ND	139	149	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	ND	139	149	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

SDG: 226049
Analytical Method: D1945
Laboratory Number: 07

File Name: 2604907A
Description: T-107
Can/Tube#: 712
QC_Batch: 040826-GCO

Date Sampled: 03/16/26 **Time:** 12:27
Date Analyzed: 04/08/26 **Time:** 14:57
Can Dilution Factor: 1.52

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.577	0.617	ND	5,769	6,173	ND	ND
7782-44-7	Oxygen	0.076	0.081	17.95	759	812	179,523	
630-08-0	Carbon Monoxide	0.015	0.016	ND	152	162	ND	ND
124-38-9	Carbon Dioxide	0.015	0.016	0.10	152	162	1,032	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 08

File Name: 2604908A
Description: T-108
Can/Tube#: 880
QC_Batch: 040826-GCO

Date Sampled: 03/16/26 **Time:** 12:41
Date Analyzed: 04/08/26 **Time:** 15:05
Can Dilution Factor: 1.39

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.530	0.567	ND	5,298	5,669	ND	ND
7782-44-7	Oxygen	0.070	0.075	17.48	697	746	174,752	
630-08-0	Carbon Monoxide	0.014	0.015	ND	139	149	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	ND	139	149	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

SDG: 226049
Analytical Method: D1945
Laboratory Number: 09

File Name: 2604909A
Description: T-109
Can/Tube#: 710
QC_Batch: 040826-GCO

Date Sampled: 03/16/26 **Time:** 13:43
Date Analyzed: 04/08/26 **Time:** 15:12
Can Dilution Factor: 1.39

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.530	0.567	ND	5,297	5,668	ND	ND
7782-44-7	Oxygen	0.070	0.075	17.98	697	746	179,764	
630-08-0	Carbon Monoxide	0.014	0.015	ND	139	149	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	0.07	139	149	696	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 10

File Name: 2604910A
Description: T-110
Can/Tube#: 618
QC_Batch: 040826-GCO

Date Sampled: 03/16/26 **Time:** 13:51
Date Analyzed: 04/08/26 **Time:** 15:17
Can Dilution Factor: 1.33

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.507	0.542	ND	5,071	5,425	ND	ND
7782-44-7	Oxygen	0.067	0.072	17.92	667	714	179,212	
630-08-0	Carbon Monoxide	0.013	0.014	ND	133	143	ND	ND
124-38-9	Carbon Dioxide	0.013	0.014	0.06	133	143	598	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

SDG: 226049
Analytical Method: D1945
Laboratory Number: 11

File Name: 2604911A
Description: T-111
Can/Tube#: 856
QC_Batch: 040826-GCO

Date Sampled: 03/16/26 **Time:** 14:04
Date Analyzed: 04/08/26 **Time:** 15:23
Can Dilution Factor: 1.18

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.449	0.480	ND	4,495	4,809	ND	ND
7782-44-7	Oxygen	0.059	0.063	17.35	591	633	173,456	
630-08-0	Carbon Monoxide	0.012	0.013	ND	118	127	ND	ND
124-38-9	Carbon Dioxide	0.012	0.013	0.11	118	127	1,142	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

SDG: 226049
Analytical Method: D1945
Laboratory Number: 12

File Name: 2604912A
Description: T-112
Can/Tube#: 679
QC_Batch: 040826-GCO

Date Sampled: 03/16/26 **Time:** 12:57
Date Analyzed: 04/08/26 **Time:** 15:29
Can Dilution Factor: 1.39

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.527	0.564	ND	5,274	5,644	ND	ND
7782-44-7	Oxygen	0.069	0.074	15.41	694	743	154,115	
630-08-0	Carbon Monoxide	0.014	0.015	ND	139	149	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	1.15	139	149	11,489	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

SDG: 226049
Analytical Method: D1945
Laboratory Number: 13

File Name: 2604913A
Description: T-113
Can/Tube#: 690
QC_Batch: 040826-GCO

Date Sampled: 03/16/26 **Time:** 13:01
Date Analyzed: 04/08/26 **Time:** 15:36
Can Dilution Factor: 1.19

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.453	0.485	ND	4,531	4,849	ND	ND
7782-44-7	Oxygen	0.060	0.064	15.79	596	638	157,925	
630-08-0	Carbon Monoxide	0.012	0.013	ND	119	128	ND	ND
124-38-9	Carbon Dioxide	0.012	0.013	0.90	119	128	9,017	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 14

File Name: 2604914A
Description: T-114
Can/Tube#: 539
QC_Batch: 040826-GCO

Date Sampled: 03/16/26 **Time:** 14:30
Date Analyzed: 04/08/26 **Time:** 15:44
Can Dilution Factor: 1.30

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.495	0.530	ND	4,955	5,301	ND	ND
7782-44-7	Oxygen	0.065	0.070	17.19	652	698	171,875	
630-08-0	Carbon Monoxide	0.013	0.014	ND	130	140	ND	ND
124-38-9	Carbon Dioxide	0.013	0.014	ND	130	140	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 15

File Name: 2604915A
Description: T-201
Can/Tube#: 508
QC_Batch: 040826-GCO

Date Sampled: 03/17/26 **Time:** 10:20
Date Analyzed: 04/08/26 **Time:** 15:50
Can Dilution Factor: 1.44

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.545	0.583	ND	5,455	5,836	ND	ND
7782-44-7	Oxygen	0.072	0.077	17.10	718	768	170,962	
630-08-0	Carbon Monoxide	0.014	0.015	ND	144	154	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	0.07	144	154	666	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 16

File Name: 2604916A
Description: T-202
Can/Tube#: 882
QC_Batch: 040826-GCO

Date Sampled: 03/17/26 **Time:** 10:14
Date Analyzed: 04/08/26 **Time:** 15:55
Can Dilution Factor: 1.44

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.549	0.587	ND	5,487	5,871	ND	ND
7782-44-7	Oxygen	0.072	0.077	17.30	722	772	172,958	
630-08-0	Carbon Monoxide	0.014	0.015	ND	144	154	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	0.10	144	154	1,025	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

SDG: 226049
Analytical Method: D1945
Laboratory Number: 17

File Name: 2604917A
Description: T-203
Can/Tube#: 699
QC_Batch: 040826-GCO

Date Sampled: 03/17/26 **Time:** 10:24
Date Analyzed: 04/08/26 **Time:** 16:01
Can Dilution Factor: 1.41

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.536	0.574	ND	5,360	5,736	ND	ND
7782-44-7	Oxygen	0.071	0.076	16.95	705	755	169,464	
630-08-0	Carbon Monoxide	0.014	0.015	ND	141	151	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	1.22	141	151	12,235	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 18

File Name: 2604918A
Description: T-204
Can/Tube#: 726
QC_Batch: 040826-GCO

Date Sampled: 03/17/26 **Time:** 10:10
Date Analyzed: 04/08/26 **Time:** 16:07
Can Dilution Factor: 1.45

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.549	0.587	ND	5,492	5,876	ND	ND
7782-44-7	Oxygen	0.072	0.077	15.06	723	773	150,583	
630-08-0	Carbon Monoxide	0.014	0.015	ND	145	155	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	4.42	145	155	44,242	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 19

File Name: 2604919A
Description: T-205
Can/Tube#: 786
QC_Batch: 040826-GCO

Date Sampled: 03/17/26 **Time:** 11:20
Date Analyzed: 04/08/26 **Time:** 16:13
Can Dilution Factor: 1.41

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.538	0.576	ND	5,375	5,751	ND	ND
7782-44-7	Oxygen	0.071	0.076	17.45	707	757	174,454	
630-08-0	Carbon Monoxide	0.014	0.015	ND	141	151	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	0.22	141	151	2,237	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 20

File Name: 2604920A
Description: T-206
Can/Tube#: 547
QC_Batch: 040826-GCO

Date Sampled: 03/17/26 **Time:** 11:33
Date Analyzed: 04/08/26 **Time:** 16:18
Can Dilution Factor: 1.39

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.528	0.565	ND	5,281	5,651	ND	ND
7782-44-7	Oxygen	0.069	0.074	17.13	695	744	171,286	
630-08-0	Carbon Monoxide	0.014	0.015	ND	139	149	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	0.33	139	149	3,264	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

SDG: 226049
Analytical Method: D1945
Laboratory Number: 21

File Name: 2604921A
Description: T-207
Can/Tube#: 762
QC_Batch: 040826-GCO

Date Sampled: 03/17/26 **Time:** 11:26
Date Analyzed: 04/08/26 **Time:** 16:24
Can Dilution Factor: 1.28

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.488	0.522	ND	4,883	5,224	ND	ND
7782-44-7	Oxygen	0.064	0.068	17.75	642	687	177,527	
630-08-0	Carbon Monoxide	0.013	0.014	ND	128	137	ND	ND
124-38-9	Carbon Dioxide	0.013	0.014	0.16	128	137	1,576	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 22

File Name: 2604922A
Description: T-208
Can/Tube#: 657
QC_Batch: 040826-GCO

Date Sampled: 03/17/26 **Time:** 11:27
Date Analyzed: 04/08/26 **Time:** 16:30
Can Dilution Factor: 1.36

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.515	0.551	ND	5,154	5,515	ND	ND
7782-44-7	Oxygen	0.068	0.073	17.22	678	726	172,182	
630-08-0	Carbon Monoxide	0.014	0.015	ND	136	145	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	0.57	136	145	5,683	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

SDG: 226049
Analytical Method: D1945
Laboratory Number: 23

File Name: 2604923A
Description: T-209
Can/Tube#: 645
QC_Batch: 040826-GCO

Date Sampled: 03/17/26 **Time:** 12:38
Date Analyzed: 04/08/26 **Time:** 16:36
Can Dilution Factor: 1.47

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.558	0.597	ND	5,582	5,973	ND	ND
7782-44-7	Oxygen	0.073	0.078	17.56	735	786	175,637	
630-08-0	Carbon Monoxide	0.015	0.016	ND	147	157	ND	ND
124-38-9	Carbon Dioxide	0.015	0.016	0.07	147	157	673	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 24

File Name: 2604924A
Description: T-210
Can/Tube#: 647
QC_Batch: 040826-GCO

Date Sampled: 03/17/26 **Time:** 12:41
Date Analyzed: 04/08/26 **Time:** 16:42
Can Dilution Factor: 1.37

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.520	0.556	ND	5,198	5,562	ND	ND
7782-44-7	Oxygen	0.068	0.073	18.04	684	732	180,364	
630-08-0	Carbon Monoxide	0.014	0.015	ND	137	146	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	0.07	137	146	727	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 25

File Name: 2604925A
Description: T-211
Can/Tube#: 823
QC_Batch: 040826-GCO

Date Sampled: 03/17/26 **Time:** 12:35
Date Analyzed: 04/08/26 **Time:** 16:48
Can Dilution Factor: 1.41

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.535	0.572	ND	5,347	5,721	ND	ND
7782-44-7	Oxygen	0.070	0.075	17.83	704	753	178,325	
630-08-0	Carbon Monoxide	0.014	0.015	ND	141	151	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	0.06	141	151	628	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

SDG: 226049
Analytical Method: D1945
Laboratory Number: 26

File Name: 2604926A
Description: T-212
Can/Tube#: 503
QC_Batch: 040826-GCO

Date Sampled: 03/17/26 **Time:** 12:40
Date Analyzed: 04/08/26 **Time:** 16:53
Can Dilution Factor: 1.38

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.524	0.561	ND	5,239	5,606	ND	ND
7782-44-7	Oxygen	0.069	0.074	17.67	689	738	176,725	
630-08-0	Carbon Monoxide	0.014	0.015	ND	138	148	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	0.05	138	148	544	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 27

File Name: 2604927A
Description: T-213
Can/Tube#: 534
QC_Batch: 040826-GCO

Date Sampled: 03/17/26 **Time:** 12:31
Date Analyzed: 04/08/26 **Time:** 16:59
Can Dilution Factor: 1.36

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.516	0.552	ND	5,159	5,520	ND	ND
7782-44-7	Oxygen	0.068	0.073	18.42	679	726	184,210	
630-08-0	Carbon Monoxide	0.014	0.015	ND	136	145	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	0.06	136	145	587	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 28

File Name: 2604928A
Description: T-214
Can/Tube#: 900
QC_Batch: 040826-GCO

Date Sampled: 03/17/26 **Time:** 13:09
Date Analyzed: 04/08/26 **Time:** 17:04
Can Dilution Factor: 1.54

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.586	0.627	ND	5,857	6,268	ND	ND
7782-44-7	Oxygen	0.077	0.082	17.39	771	825	173,879	
630-08-0	Carbon Monoxide	0.015	0.016	ND	154	165	ND	ND
124-38-9	Carbon Dioxide	0.015	0.016	ND	154	165	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

SDG: 226049
Analytical Method: D1945
Laboratory Number: 29

File Name: 2604929A
Description: T-301
Can/Tube#: 766
QC_Batch: 040826-GCO

Date Sampled: 03/18/26 **Time:** 10:08
Date Analyzed: 04/08/26 **Time:** 17:10
Can Dilution Factor: 1.42

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.539	0.577	ND	5,388	5,765	ND	ND
7782-44-7	Oxygen	0.071	0.076	17.29	709	759	172,913	
630-08-0	Carbon Monoxide	0.014	0.015	ND	142	152	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	ND	142	152	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 30

File Name: 2604930A
Description: T-302
Can/Tube#: 692
QC_Batch: 040826-GCO

Date Sampled: 03/18/26 **Time:** 10:13
Date Analyzed: 04/08/26 **Time:** 17:15
Can Dilution Factor: 1.38

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.523	0.560	ND	5,230	5,596	ND	ND
7782-44-7	Oxygen	0.069	0.074	17.44	688	736	174,353	
630-08-0	Carbon Monoxide	0.014	0.015	ND	138	147	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	0.04	138	147	382	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

SDG: 226049
Analytical Method: D1945
Laboratory Number: 31

File Name: 2604931A
Description: T-303
Can/Tube#: 642
QC_Batch: 040826-GCO

Date Sampled: 03/18/26 **Time:** 10:14
Date Analyzed: 04/08/26 **Time:** 17:21
Can Dilution Factor: 1.35

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.513	0.549	ND	5,128	5,487	ND	ND
7782-44-7	Oxygen	0.067	0.072	17.49	675	722	174,872	
630-08-0	Carbon Monoxide	0.013	0.014	ND	135	144	ND	ND
124-38-9	Carbon Dioxide	0.013	0.014	0.04	135	144	441	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

SDG: 226049
Analytical Method: D1945
Laboratory Number: 32

File Name: 2604932A
Description: T-304
Can/Tube#: 684
QC_Batch: 040826-GCO

Date Sampled: 03/18/26 **Time:** 10:11
Date Analyzed: 04/08/26 **Time:** 17:26
Can Dilution Factor: 1.40

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.530	0.567	ND	5,305	5,676	ND	ND
7782-44-7	Oxygen	0.070	0.075	17.10	698	747	170,964	
630-08-0	Carbon Monoxide	0.014	0.015	ND	140	149	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	0.03	140	149	327	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

SDG: 226049
Analytical Method: D1945
Laboratory Number: 33

File Name: 2604933A
Description: T-305
Can/Tube#: 800
QC_Batch: 040826-GCO

Date Sampled: 03/18/26 **Time:** 11:03
Date Analyzed: 04/08/26 **Time:** 17:32
Can Dilution Factor: 1.24

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.472	0.505	ND	4,715	5,045	ND	ND
7782-44-7	Oxygen	0.062	0.066	17.40	620	664	174,002	
630-08-0	Carbon Monoxide	0.012	0.013	ND	124	133	ND	ND
124-38-9	Carbon Dioxide	0.012	0.013	0.05	124	133	453	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 34

File Name: 2604934A
Description: T-306
Can/Tube#: 405
QC_Batch: 040826-GCO

Date Sampled: 03/18/26 **Time:** 11:00
Date Analyzed: 04/08/26 **Time:** 17:38
Can Dilution Factor: 1.43

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.542	0.580	ND	5,419	5,798	ND	ND
7782-44-7	Oxygen	0.071	0.076	17.22	713	763	172,226	
630-08-0	Carbon Monoxide	0.014	0.015	ND	143	153	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	0.04	143	153	441	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 35

File Name: 2604935A
Description: T-307
Can/Tube#: 846
QC_Batch: 042726-GCO

Date Sampled: 03/18/26 **Time:** 11:05
Date Analyzed: 04/27/2026 **Time:** 17:14
Can Dilution Factor: 1.45

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.553	0.592	ND	5,526	5,912	ND	ND
7782-44-7	Oxygen	0.073	0.078	17.34	727	778	173,431	
630-08-0	Carbon Monoxide	0.015	0.016	ND	145	156	ND	ND
124-38-9	Carbon Dioxide	0.015	0.016	0.15	145	156	1,513	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 36

File Name: 2604936A
Description: T-308
Can/Tube#: 621
QC_Batch: 042726-GCO

Date Sampled: 03/18/26 **Time:** 11:10
Date Analyzed: 4/27/2026 **Time:** 17:20
Can Dilution Factor: 1.45

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.549	0.587	ND	5,494	5,878	ND	ND
7782-44-7	Oxygen	0.072	0.077	17.51	723	773	175,102	
630-08-0	Carbon Monoxide	0.014	0.015	ND	145	155	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	0.04	145	155	430	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 37

File Name: 2604937A
Description: T-309
Can/Tube#: 605
QC_Batch: 040826-GCO

Date Sampled: 03/18/26 **Time:** 12:12
Date Analyzed: 04/08/26 **Time:** 17:54
Can Dilution Factor: 1.44

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.549	0.587	ND	5,490	5,875	ND	ND
7782-44-7	Oxygen	0.072	0.077	16.75	722	773	167,529	
630-08-0	Carbon Monoxide	0.014	0.015	ND	144	155	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	0.05	144	155	524	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 38

File Name: 2604938A
Description: T-310
Can/Tube#: 852
QC_Batch: 042726-GCO

Date Sampled: 03/18/26 **Time:** 12:19
Date Analyzed: 04/27/2026 **Time:** 17:32
Can Dilution Factor: 1.76

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.667	0.714	ND	6,674	7,141	ND	ND
7782-44-7	Oxygen	0.088	0.094	17.61	878	940	176,053	
630-08-0	Carbon Monoxide	0.018	0.019	ND	176	188	ND	ND
124-38-9	Carbon Dioxide	0.018	0.019	0.04	176	188	362	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 39

File Name: 2604939A
Description: T-311
Can/Tube#: 877
QC_Batch: 042726-GCO

Date Sampled: 03/18/26 **Time:** 12:08
Date Analyzed: 04/27/2026 **Time:** 17:42
Can Dilution Factor: 1.41

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.534	0.571	ND	5,342	5,716	ND	ND
7782-44-7	Oxygen	0.070	0.075	17.27	703	752	172,701	
630-08-0	Carbon Monoxide	0.014	0.015	ND	141	150	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	0.05	141	150	482	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 40

File Name: 2604940A
Description: T-312
Can/Tube#: 634
QC_Batch: 040826-GCO

Date Sampled: 03/18/26 **Time:** 12:20
Date Analyzed: 04/08/26 **Time:** 18:12
Can Dilution Factor: 1.48

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.562	0.601	ND	5,624	6,017	ND	ND
7782-44-7	Oxygen	0.074	0.079	16.79	740	792	167,891	
630-08-0	Carbon Monoxide	0.015	0.016	ND	148	158	ND	ND
124-38-9	Carbon Dioxide	0.015	0.016	ND	148	158	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

SDG: 226049
Analytical Method: D1945
Laboratory Number: 41

File Name: 2604941A
Description: T-313
Can/Tube#: 775
QC_Batch: 040826-GCO

Date Sampled: 03/18/26 **Time:** 12:23
Date Analyzed: 04/08/26 **Time:** 18:17
Can Dilution Factor: 1.36

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.518	0.554	ND	5,176	5,538	ND	ND
7782-44-7	Oxygen	0.068	0.073	16.83	681	729	168,266	
630-08-0	Carbon Monoxide	0.014	0.015	ND	136	146	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	0.06	136	146	583	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 42

File Name: 2604942A
Description: T-314
Can/Tube#: 652
QC_Batch: 040826-GCO

Date Sampled: 03/18/26 **Time:** 12:50
Date Analyzed: 04/08/26 **Time:** 18:23
Can Dilution Factor: 1.43

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.543	0.581	ND	5,426	5,806	ND	ND
7782-44-7	Oxygen	0.071	0.076	17.19	714	764	171,938	
630-08-0	Carbon Monoxide	0.014	0.015	ND	143	153	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	ND	143	153	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

SDG: 226049
Analytical Method: D1945
Laboratory Number: 43

File Name: 2604943A
Description: T-401
Can/Tube#: 668
QC_Batch: 040826-GCO

Date Sampled: 03/19/26 **Time:** 9:39
Date Analyzed: 04/08/26 **Time:** 18:28
Can Dilution Factor: 1.32

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.500	0.535	ND	4,998	5,348	ND	ND
7782-44-7	Oxygen	0.066	0.071	17.52	658	704	175,228	
630-08-0	Carbon Monoxide	0.013	0.014	ND	132	141	ND	ND
124-38-9	Carbon Dioxide	0.013	0.014	0.08	132	141	813	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 44

File Name: 2604944A
Description: T-402
Can/Tube#: 734
QC_Batch: 040826-GCO

Date Sampled: 03/19/26 **Time:** 9:36
Date Analyzed: 04/08/26 **Time:** 18:34
Can Dilution Factor: 1.42

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.539	0.577	ND	5,394	5,771	ND	ND
7782-44-7	Oxygen	0.071	0.076	17.08	710	759	170,759	
630-08-0	Carbon Monoxide	0.014	0.015	ND	142	152	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	0.83	142	152	8,263	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

SDG: 226049
Analytical Method: D1945
Laboratory Number: 45

File Name: 2604945A
Description: T-403
Can/Tube#: 550
QC_Batch: 040826-GCO

Date Sampled: 03/19/26 **Time:** 9:30
Date Analyzed: 04/08/26 **Time:** 18:39
Can Dilution Factor: 1.33

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.506	0.541	ND	5,057	5,411	ND	ND
7782-44-7	Oxygen	0.067	0.072	17.40	665	712	173,999	
630-08-0	Carbon Monoxide	0.013	0.014	ND	133	142	ND	ND
124-38-9	Carbon Dioxide	0.013	0.014	0.30	133	142	3,049	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

SDG: 226049
Analytical Method: D1945
Laboratory Number: 46

File Name: 2604946A
Description: T-404
Can/Tube#: 675
QC_Batch: 040826-GCO

Date Sampled: 03/19/26 **Time:** 9:27
Date Analyzed: 04/08/26 **Time:** 18:45
Can Dilution Factor: 1.36

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.518	0.554	ND	5,182	5,545	ND	ND
7782-44-7	Oxygen	0.068	0.073	16.96	682	730	169,557	
630-08-0	Carbon Monoxide	0.014	0.015	ND	136	146	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	0.18	136	146	1,822	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

SDG: 226049
Analytical Method: D1945
Laboratory Number: 47

File Name: 2604947A
Description: T-405
Can/Tube#: 638
QC_Batch: 040826-GCO

Date Sampled: 03/19/26 **Time:** 10:36
Date Analyzed: 04/08/26 **Time:** 18:50
Can Dilution Factor: 1.39

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.530	0.567	ND	5,298	5,668	ND	ND
7782-44-7	Oxygen	0.070	0.075	17.35	697	746	173,452	
630-08-0	Carbon Monoxide	0.014	0.015	ND	139	149	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	0.06	139	149	578	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 48

File Name: 2604948A
Description: T-406
Can/Tube#: 779
QC_Batch: 040826-GCO

Date Sampled: 03/19/26 **Time:** 10:38
Date Analyzed: 04/08/26 **Time:** 18:56
Can Dilution Factor: 1.29

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.490	0.524	ND	4,901	5,244	ND	ND
7782-44-7	Oxygen	0.064	0.068	17.57	645	690	175,721	
630-08-0	Carbon Monoxide	0.013	0.014	ND	129	138	ND	ND
124-38-9	Carbon Dioxide	0.013	0.014	0.06	129	138	631	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 49

File Name: 2604949A
Description: T-407
Can/Tube#: 663
QC_Batch: 040826-GCO

Date Sampled: 03/19/26 **Time:** 10:43
Date Analyzed: 04/08/26 **Time:** 19:01
Can Dilution Factor: 1.33

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.506	0.541	ND	5,063	5,417	ND	ND
7782-44-7	Oxygen	0.067	0.072	17.40	666	713	173,953	
630-08-0	Carbon Monoxide	0.013	0.014	ND	133	143	ND	ND
124-38-9	Carbon Dioxide	0.013	0.014	0.07	133	143	692	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

SDG: 226049
Analytical Method: D1945
Laboratory Number: 50

File Name: 2604950A
Description: T-408
Can/Tube#: 644
QC_Batch: 040826-GCO

Date Sampled: 03/19/26 **Time:** 10:42
Date Analyzed: 04/08/26 **Time:** 19:09
Can Dilution Factor: 1.43

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.544	0.582	ND	5,443	5,824	ND	ND
7782-44-7	Oxygen	0.072	0.077	17.35	716	766	173,514	
630-08-0	Carbon Monoxide	0.014	0.015	ND	143	153	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	0.05	143	153	468	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

SDG: 226049
Analytical Method: D1945
Laboratory Number: 51

File Name: 2604951A
Description: T-409
Can/Tube#: 812
QC_Batch: 040826-GCO

Date Sampled: 03/19/26 **Time:** 12:13
Date Analyzed: 04/08/26 **Time:** 19:12
Can Dilution Factor: 1.47

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.560	0.599	ND	5,597	5,988	ND	ND
7782-44-7	Oxygen	0.074	0.079	17.19	736	788	171,878	
630-08-0	Carbon Monoxide	0.015	0.016	ND	147	158	ND	ND
124-38-9	Carbon Dioxide	0.015	0.016	ND	147	158	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 52

File Name: 2604952A
Description: T-410
Can/Tube#: 783
QC_Batch: 040826-GCO

Date Sampled: 03/19/26 **Time:** 12:10
Date Analyzed: 04/08/26 **Time:** 19:18
Can Dilution Factor: 1.56

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.594	0.636	ND	5,944	6,360	ND	ND
7782-44-7	Oxygen	0.078	0.083	17.06	782	837	170,593	
630-08-0	Carbon Monoxide	0.016	0.017	ND	156	167	ND	ND
124-38-9	Carbon Dioxide	0.016	0.017	0.04	156	167	397	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

SDG: 226049
Analytical Method: D1945
Laboratory Number: 53

File Name: 2604953A
Description: T-411
Can/Tube#: 803
QC_Batch: 040826-GCO

Date Sampled: 03/19/26 **Time:** 12:04
Date Analyzed: 04/08/26 **Time:** 19:23
Can Dilution Factor: 1.46

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.556	0.595	ND	5,556	5,945	ND	ND
7782-44-7	Oxygen	0.073	0.078	17.00	731	782	170,017	
630-08-0	Carbon Monoxide	0.015	0.016	ND	146	156	ND	ND
124-38-9	Carbon Dioxide	0.015	0.016	0.05	146	156	452	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 54

File Name: 2604954A
Description: T-412
Can/Tube#: 704
QC_Batch: 040826-GCO

Date Sampled: 03/19/26 **Time:** 12:11
Date Analyzed: 04/08/26 **Time:** 19:29
Can Dilution Factor: 1.33

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.504	0.539	ND	5,042	5,394	ND	ND
7782-44-7	Oxygen	0.066	0.071	17.89	663	710	178,940	
630-08-0	Carbon Monoxide	0.013	0.014	ND	133	142	ND	ND
124-38-9	Carbon Dioxide	0.013	0.014	0.06	133	142	563	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 55

File Name: 2604955A
Description: T-413
Can/Tube#: 753
QC_Batch: 040826-GCO

Date Sampled: 03/19/26 **Time:** 12:17
Date Analyzed: 04/08/26 **Time:** 19:34
Can Dilution Factor: 1.55

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.588	0.629	ND	5,879	6,291	ND	ND
7782-44-7	Oxygen	0.077	0.082	17.19	774	828	171,880	
630-08-0	Carbon Monoxide	0.015	0.016	ND	155	166	ND	ND
124-38-9	Carbon Dioxide	0.015	0.016	0.03	155	166	319	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 56

File Name: 2604956A
Description: T-414
Can/Tube#: 610
QC_Batch: 040826-GCO

Date Sampled: 03/19/26 **Time:** 12:40
Date Analyzed: 04/08/26 **Time:** 19:40
Can Dilution Factor: 1.34

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.511	0.547	ND	5,108	5,466	ND	ND
7782-44-7	Oxygen	0.067	0.072	17.33	672	719	173,292	
630-08-0	Carbon Monoxide	0.013	0.014	ND	134	144	ND	ND
124-38-9	Carbon Dioxide	0.013	0.014	ND	134	144	ND	ND

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 57

File Name: 2604957A
Description: T-501
Can/Tube#: 653
QC_Batch: 040826-GCO

Date Sampled: 03/20/26 **Time:** 10:04
Date Analyzed: 04/08/26 **Time:** 19:46
Can Dilution Factor: 1.25

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.475	0.508	ND	4,751	5,084	ND	ND
7782-44-7	Oxygen	0.063	0.067	17.19	625	669	171,917	
630-08-0	Carbon Monoxide	0.013	0.014	ND	125	134	ND	ND
124-38-9	Carbon Dioxide	0.013	0.014	0.05	125	134	456	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 58

File Name: 2604958A
Description: T-502
Can/Tube#: 633
QC_Batch: 040826-GCO

Date Sampled: 03/20/26 **Time:** 10:09
Date Analyzed: 04/08/26 **Time:** 19:51
Can Dilution Factor: 1.31

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.500	0.535	ND	4,996	5,346	ND	ND
7782-44-7	Oxygen	0.066	0.071	17.17	657	703	171,703	
630-08-0	Carbon Monoxide	0.013	0.014	ND	131	141	ND	ND
124-38-9	Carbon Dioxide	0.013	0.014	0.29	131	141	2,893	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 59

File Name: 2604959A
Description: T-503
Can/Tube#: 739
QC_Batch: 040826-GCO

Date Sampled: 03/20/26 **Time:** 9:59
Date Analyzed: 04/08/26 **Time:** 19:56
Can Dilution Factor: 1.43

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.545	0.583	ND	5,449	5,830	ND	ND
7782-44-7	Oxygen	0.072	0.077	17.36	717	767	173,645	
630-08-0	Carbon Monoxide	0.014	0.015	ND	143	153	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	0.20	143	153	2,026	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 60

File Name: 2604960A
Description: T-504
Can/Tube#: 685
QC_Batch: 040826-GCO

Date Sampled: 03/20/26 **Time:** 9:56
Date Analyzed: 04/08/26 **Time:** 20:02
Can Dilution Factor: 1.43

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.542	0.580	ND	5,424	5,804	ND	ND
7782-44-7	Oxygen	0.071	0.076	16.63	714	764	166,303	
630-08-0	Carbon Monoxide	0.014	0.015	ND	143	153	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	0.94	143	153	9,416	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 61

File Name: 2604961A
Description: T-505
Can/Tube#: 662
QC_Batch: 040826-GCO

Date Sampled: 03/20/26 **Time:** 11:17
Date Analyzed: 04/08/26 **Time:** 20:08
Can Dilution Factor: 1.47

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.559	0.598	ND	5,592	5,983	ND	ND
7782-44-7	Oxygen	0.074	0.079	17.10	736	787	170,970	
630-08-0	Carbon Monoxide	0.015	0.016	ND	147	157	ND	ND
124-38-9	Carbon Dioxide	0.015	0.016	0.05	147	157	513	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 62

File Name: 2604962A
Description: T-506
Can/Tube#: 635
QC_Batch: 040826-GCO

Date Sampled: 03/20/26 **Time:** 11:13
Date Analyzed: 04/08/26 **Time:** 20:13
Can Dilution Factor: 1.51

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.574	0.614	ND	5,743	6,145	ND	ND
7782-44-7	Oxygen	0.076	0.081	17.67	756	809	176,716	
630-08-0	Carbon Monoxide	0.015	0.016	ND	151	162	ND	ND
124-38-9	Carbon Dioxide	0.015	0.016	0.05	151	162	518	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

SDG: 226049
Analytical Method: D1945
Laboratory Number: 63

File Name: 2604963A
Description: T-507
Can/Tube#: 600
QC_Batch: 040826-GCO

Date Sampled: 03/20/26 **Time:** 11:20
Date Analyzed: 04/08/26 **Time:** 20:18
Can Dilution Factor: 1.38

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.524	0.561	ND	5,244	5,611	ND	ND
7782-44-7	Oxygen	0.069	0.074	17.09	690	738	170,851	
630-08-0	Carbon Monoxide	0.014	0.015	ND	138	148	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	0.03	138	148	345	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

SDG: 226049
Analytical Method: D1945
Laboratory Number: 64

File Name: 2604964A
Description: T-508
Can/Tube#: 689
QC_Batch: 040826-GCO

Date Sampled: 03/20/26 **Time:** 11:10
Date Analyzed: 04/08/26 **Time:** 20:23
Can Dilution Factor: 1.61

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.612	0.655	ND	6,119	6,548	ND	ND
7782-44-7	Oxygen	0.081	0.087	17.06	805	862	170,563	
630-08-0	Carbon Monoxide	0.016	0.017	ND	161	172	ND	ND
124-38-9	Carbon Dioxide	0.016	0.017	0.12	161	172	1,197	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 65

File Name: 2604965A
Description: T-509
Can/Tube#: 701
QC_Batch: 040826-GCO

Date Sampled: 03/20/26 **Time:** 11:11
Date Analyzed: 04/08/26 **Time:** 20:28
Can Dilution Factor: 1.60

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.607	0.649	ND	6,069	6,493	ND	ND
7782-44-7	Oxygen	0.080	0.086	16.88	798	854	168,832	
630-08-0	Carbon Monoxide	0.016	0.017	ND	160	171	ND	ND
124-38-9	Carbon Dioxide	0.016	0.017	0.14	160	171	1,361	

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1945 GC/TCD

Analytical Method: D1945

SDG: 226049
Laboratory Number: 66

File Name: 2604966A
Description: T-510
Can/Tube#: 888
QC_Batch: 040826-GCO

Date Sampled: 03/20/26 **Time:** 11:45
Date Analyzed: 04/08/26 **Time:** 20:33
Can Dilution Factor: 1.36

CAS#	Compound	MDL %	RL %	Result %	MDL ppmv	RL ppmv	Result ppmV	Flag
1333-74-0	Hydrogen	0.517	0.553	ND	5,173	5,535	ND	ND
7782-44-7	Oxygen	0.068	0.073	17.33	681	728	173,333	
630-08-0	Carbon Monoxide	0.014	0.015	ND	136	146	ND	ND
124-38-9	Carbon Dioxide	0.014	0.015	ND	136	146	ND	ND

Atmospheric Analysis & Consulting, Inc

CLIENT	:	Environmental Management Consulting
PROJECT NAME	:	SCS Chiquita Canyon Landfill
PROJECT NUMBER	:	CES F1-02106
AAC PROJECT NO.	:	260620
REPORT DATE	:	03/25/2026

On March 16th 2026, Atmospheric Analysis & Consulting, Inc. received twenty eight (28) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	AAC ID	Client ID	AAC ID
S-101a	260620-87516	S-108a	260620-87530
S-101b	260620-87517	S-108b	260620-87531
S-102a	260620-87518	S-109a	260620-87532
S-102b	260620-87519	S-109b	260620-87533
S-103a	260620-87520	S-110a	260620-87534
S-103b	260620-87521	S-110b	260620-87535
S-104a	260620-87522	S-111a	260620-87536
S-104b	260620-87523	S-111b	260620-87537
S-105a	260620-87524	S-112a	260620-87538
S-105b	260620-87525	S-112b	260620-87539
S-106a	260620-87526	S-113a	260620-87540
S-106b	260620-87527	S-113b	260620-87541
S-107a	260620-87528	S-114a	260620-87542
S-107b	260620-87529	S-114b	260620-87543

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. Per client request, samples "S-1xx-b" were held as backup and therefore not analyzed. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 7 pages.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

LABORATORY ANALYSIS REPORT

CLIENT : Environmental Management Consulting
PROJECT NO. : 260620
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 03/16/2026
RECEIVING DATE : 03/16/2026
ANALYSIS DATE : 03/16/2026
REPORT DATE : 03/25/2026

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	S-101a	S-102a	S-103a	S-104a	S-105a
AAC ID	260620-87516	260620-87518	260620-87520	260620-87522	260620-87524
Analyte	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.005	< 0.005	**0.005**	< 0.005	< 0.005
COS / SO2	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ethyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Sulfide	< 0.005	< 0.005	**0.029**	< 0.005	< 0.005
Carbon Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Isopropyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
tert-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Propyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylethylsulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
sec-Butyl Mercaptan / Thiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
iso-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Disulfide	< 0.005	< 0.005	**0.005**	< 0.005	< 0.005
2-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
3-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Tetrahydrothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Thiophenol	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Unidentified Sulfur	< 0.005	< 0.005	**0.016**	< 0.005	< 0.005
Total Reduced Sulfurs	< 0.005	< 0.005	**0.056**	< 0.005	< 0.005

All unidentified compound's concentrations expressed in terms of H_2S (TRS does not include COS and SO2)
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

LABORATORY ANALYSIS REPORT

CLIENT : Environmental Management Consulting
PROJECT NO. : 260620
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 03/16/2026
RECEIVING DATE : 03/16/2026
ANALYSIS DATE : 03/16-3/17/2026
REPORT DATE : 03/25/2026

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	S-106a	S-107a	S-108a	S-109a	S-110a
AAC ID	260620-87526	260620-87528	260620-87530	260620-87532	260620-87534
Analyte	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
COS / SO2	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ethyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Sulfide	< 0.005	**0.012**	< 0.005	< 0.005	< 0.005
Carbon Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Isopropyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
tert-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Propyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylethylsulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
sec-Butyl Mercaptan / Thiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
iso-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
2-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
3-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Tetrahydrothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Thiophenol	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Unidentified Sulfur	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Reduced Sulfurs	< 0.005	**0.012**	< 0.005	< 0.005	< 0.005

All unidentified compound's concentrations expressed in terms of H_2S (TRS does not include COS and SO2)
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

CLIENT : Environmental Management Consulting
PROJECT NO. : 260620
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 03/16/2026
RECEIVING DATE : 03/16/2026
ANALYSIS DATE : 03/17/2026
REPORT DATE : 03/25/2026

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	S-111a	S-112a	S-113a	S-114a
AAC ID	260620-87536	260620-87538	260620-87540	260620-87542
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.005	< 0.005	< 0.005	< 0.005
COS / SO2	< 0.005	< 0.005	< 0.005	< 0.005
Methyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
Ethyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005
Carbon Disulfide	< 0.005	< 0.005	< 0.005	< 0.005
Isopropyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
tert-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
n-Propyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
Methylethylsulfide	< 0.005	< 0.005	< 0.005	< 0.005
sec-Butyl Mercaptan / Thiophene	< 0.005	< 0.005	< 0.005	< 0.005
iso-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005
n-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005
2-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005
3-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005
Tetrahydrothiophene	< 0.005	< 0.005	< 0.005	< 0.005
Bromothiophene	< 0.005	< 0.005	< 0.005	< 0.005
Thiophenol	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005
Total Unidentified Sulfur	< 0.005	< 0.005	< 0.005	< 0.005
Total Reduced Sulfurs	< 0.005	< 0.005	< 0.005	< 0.005

All unidentified compound's concentrations expressed in terms of H_2S (TRS does not include COS and SO2)
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

Quality Control/Quality Assurance Report
SCAQMD 307.91

Cal Verification Date: 3/16/2026
Analyst: NR/RSF
Units: ppbV

Instrument ID : SCD#10
Initial Cal Date : 02/10/2025

Opening Calibration Verification Standard

501.3 ppbV H2S (GC-0301226-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	21253	478	95.3	0.7
Duplicate	21704	488	97.3	1.4
Triplicate	21269	478	95.4	0.7

513.3 ppbV MeSH (GC-0301226-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	20327	529	103.1	0.0
Duplicate	20669	538	104.8	1.7
Triplicate	20003	521	101.4	1.6

522.3 ppbV DMS (GC-0301226-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	22720	503	96.4	2.3
Duplicate	24288	538	103.0	4.4
Triplicate	22766	504	96.6	2.1

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis — Sample ID 260329-86137

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H_2S	<PQL	<PQL	0.0	0.0
MeSH	<PQL	<PQL	0.0	0.0
DMS	<PQL	<PQL	0.0	0.0

Matrix Spike & Duplicate — Sample ID 260329-86137 x2

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	250.6	232.7	247.7	92.8	98.8	6.2
MeSH	<PQL	256.6	274.7	279.6	107.0	109.0	1.8
DMS	<PQL	261.1	271.8	284.2	104.1	108.8	4.5

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	501.3	498.3	99.4
MeSH	513.3	540.3	105.3
DMS	522.3	492.3	94.3

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

PQL = 50.0 ppbV

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

Quality Control/Quality Assurance Report
SCAQMD 307.91

Cal Verification Date: 3/17/2026
Analyst: NR/RSF
Units: ppbV

Instrument ID : SCD#10
Initial Cal Date : 02/10/2025

Opening Calibration Verification Standard

501.3 ppbV H2S (GC-0301226-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	22502	506	100.9	3.0
Duplicate	21231	477	95.2	2.8
Triplicate	21811	490	97.8	0.2

513.3 ppbV MeSH (GC-0301226-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	20687	538	104.9	1.2
Duplicate	19971	520	101.3	2.3
Triplicate	20660	538	104.8	1.1

522.3 ppbV DMS (GC-0301226-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	24362	540	103.3	2.5
Duplicate	22926	508	97.2	3.5
Triplicate	24015	532	101.9	1.0

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis Sample ID 260620-87542

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H_2S	<PQL	<PQL	0.0	0.0
MeSH	<PQL	<PQL	0.0	0.0
DMS	<PQL	<PQL	0.0	0.0

Matrix Spike & Duplicate Sample ID 260620-87542 x2

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	250.6	263.0	248.5	104.9	99.2	5.7
MeSH	<PQL	256.6	282.2	281.4	110.0	109.7	0.3
DMS	<PQL	261.1	274.3	283.1	105.1	108.4	3.1

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	501.3	485.9	96.9
MeSH	513.3	536.9	104.6
DMS	522.3	494.9	94.8

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

PQL = 50.0 ppbV

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

260620

CE Schmidt, PhD, Environmental Consultant — **Sulfur D1**

Chain of Custody Record

Form Serial Number: **CES F1-02106**	For Information Regarding These Samples Please Contact: **Dr. Charles E. Schmidt**, 19200 Live Oak Road, Red Bluff, CA 96080, 530-529-4256 Cell: 530-200-2473, SCHMIDTCE@aol.com
Client Name: ***SCS*** / ***Chiquita Canyon Landfill***	Client Address and Phone Number: ***3900 Kilroy Airport Way, Suite 100*** / ***Long Beach, CA 90806 562-743-7895***
Project Manager: ***Pat Sullivan***	Laboratory Name: ***Atmospheric Analysis and Consulting***
Requested Completion Date	Laboratory Address: ***2225 Sperry Avenue*** / ***Ventura, CA 93003***
	Laboratory Phone: ***805-650-1642***
	Laboratory Contact: ***John Yokoyama*** jgyokoyama@aaclab.com

Station Number	Date	Time	COMP	GRAB	Sample ID Number	# OF CONTAINERS	Sample Container: Bag	Can	Tube	SCAQMD Method 307-91	Analysis Requested	Field H2S (ppmv)	Remarks
	3/16/2026	1117		x	S- 101 a/b 87516 87517	2	X			X			
	3/16/2026	1112		x	S- 102 a/b 87518 87519	2	X			X			
	3/16/2026	1101		x	S- 103 a/b 87520 87521	2	X			X			
	3/16/2026	1117		x	S- 104 a/b 87522 87523	2	X			X			
	3/16/2026	1233		x	S- 105 a/b 87524 87525	2	X			X			
	3/16/2026	1236		x	S- 106 a/b 87526 87527	2	X			X			
	3/16/2026	1227		x	S- 107 a/b 87528 87529	2	X			X			
	3/16/2026	1236		x	S- 108 a/b 87530 87531	2	X			X			
	3/16/2026	1341		x	S- 109 a/b 87532 87533	2	X			X			
	3/16/2026	1349		x	S- 110 a/b 87534 87535	2	X			X			
	3/16/2026	1357		x	S- 111 a/b 87536 87537	2	X			X			
	3/16/2026	1255		x	S- 112 a/b 87538 87539	2	X			X			
	3/16/2026	1255		x	S- 113 a/b 87540 87541	2	X			X			
	3/16/2026	1427		x	S- 114 a/b 87542 87543	2	X			X			

Sampler: JSCHMIDT	Date/Time: 3/16/26 1432	Relinquished by: JSCHMIDT	Date/Time: 3/16/26 PM
Recieved by: JBOB STEVE	Date/Time: 1545 3/16/26 3:16	Relinquished by: 1515 3/16/26 3:30	Date/Time:
Recieved by: AAC	Date/Time:	Relinquished by:	Date/Time:
Recieved by Laboratory:	Date/Time: 3/16/26 1532	Sample Shipped Via: UPS FEDEX BUS Hand Other	Air Bill No.
Remarks:			

HAZWRAP/NEESA Y N			
QC Level 1 2 3			
COC	Ice		
Ana Req	Temp ***AMB***		
Cust Seal	pH		
Sample Condition			

File: Sulfur Forms.xlsb Form: Sulfur COC D1

Atmospheric Analysis & Consulting, Inc

CLIENT	: Environmental Management Consulting
PROJECT NAME	: SCS Chiquita Canyon Landfill
PROJECT NUMBER	: CES F1-02106
AAC PROJECT NO.	: 260632
REPORT DATE	: 03/23/2026

On March 17, 2026, Atmospheric Analysis & Consulting, Inc. received thirty-four (34) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	AAC ID	Client ID	AAC ID
S-201a	260632-87593	S-208a	260632-87607
S-201b	260632-87594	S-208b	260632-87608
S-202a	260632-87595	S-209a	260632-87609
S-202b	260632-87596	S-209b	260632-87610
S-203a	260632-87597	S-210a	260632-87611
S-203b	260632-87598	S-210b	260632-87612
S-204a	260632-87599	S-211a	260632-87613
S-204b	260632-87600	S-211b	260632-87614
S-205a	260632-87601	S-212a	260632-87615
S-205b	260632-87602	S-212b	260632-87616
S-206a	260632-87603	S-213a	260632-87617
S-206b	260632-87604	S-213b	260632-87618
S-207a	260632-87605	S-214a	260632-87619
S-207b	260632-87606	S-214b	260632-87620

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. Per client request, samples "S-2xx-b" were held as backup and therefore not analyzed. No problems were encountered during receiving, preparation, and/or analysis of this sample. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 7 pages.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

LABORATORY ANALYSIS REPORT

CLIENT : Environmental Management Consulting
PROJECT NO. : 260632
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 03/17/2026
RECEIVING DATE : 03/17/2026
ANALYSIS DATE : 03/17/2026
REPORT DATE : 03/23/2026

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	S-201a	S-202a	S-203a	S-204a	S-205a
AAC ID	260632-87593	260632-87595	260632-87597	260632-87599	260632-87601
Analyte	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.005	< 0.005	**0.014**	**1.92**	< 0.005
COS / SO2	< 0.005	< 0.005	< 0.005	**0.009**	< 0.005
Methyl Mercaptan	< 0.005	< 0.005	**0.011**	**0.019**	< 0.005
Ethyl Mercaptan	< 0.005	< 0.005	< 0.005	**0.008**	< 0.005
Dimethyl Sulfide	< 0.005	< 0.005	**0.013**	**0.011**	< 0.005
Carbon Disulfide	< 0.005	< 0.005	< 0.005	**0.005**	< 0.005
Isopropyl Mercaptan	< 0.005	< 0.005	**0.264**	**0.203**	< 0.005
tert-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	**0.018**	< 0.005
n-Propyl Mercaptan	< 0.005	< 0.005	< 0.005	**0.011**	< 0.005
Methylethylsulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
sec-Butyl Mercaptan / Thiophene	< 0.005	< 0.005	**0.043**	**0.172**	< 0.005
iso-Butyl Mercaptan	< 0.005	< 0.005	**0.041**	**0.029**	< 0.005
Diethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
2-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
3-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Tetrahydrothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Thiophenol	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Unidentified Sulfur	< 0.005	< 0.005	**0.296**	**0.040**	< 0.005
Total Reduced Sulfurs	< 0.005	< 0.005	**0.681**	**2.43**	< 0.005

All unidentified compound's concentrations expressed in terms of H_2S (TRS does not include COS and SO2)
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

LABORATORY ANALYSIS REPORT

CLIENT : Environmental Management Consulting
PROJECT NO. : 260632
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 03/17/2026
RECEIVING DATE : 03/17/2026
ANALYSIS DATE : 03/17-18/2026
REPORT DATE : 03/23/2026

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	S-206a	S-207a	S-208a	S-209a	S-210a
AAC ID	260632-87603	260632-87605	260632-87607	260632-87609	260632-87611
Analyte	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
COS / SO2	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ethyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Carbon Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Isopropyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
tert-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Propyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylethylsulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
sec-Butyl Mercaptan / Thiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
iso-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
2-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
3-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Tetrahydrothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Thiophenol	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Unidentified Sulfur	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Reduced Sulfurs	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005

All unidentified compound's concentrations expressed in terms of H_2S (TRS does not include COS and SO2)
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

LABORATORY ANALYSIS REPORT

CLIENT : Environmental Management Consulting
PROJECT NO. : 260632
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 03/17/2026
RECEIVING DATE : 03/17/2026
ANALYSIS DATE : 03/18/2026
REPORT DATE : 03/23/2026

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	S-211a	S-212a	S-213a	S-214a
AAC ID	260632-87613	260632-87615	260632-87617	260632-87619
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.005	< 0.005	< 0.005	< 0.005
COS / SO2	< 0.005	< 0.005	< 0.005	< 0.005
Methyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
Ethyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005
Carbon Disulfide	< 0.005	< 0.005	< 0.005	< 0.005
Isopropyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
tert-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
n-Propyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
Methylethylsulfide	< 0.005	< 0.005	< 0.005	< 0.005
sec-Butyl Mercaptan / Thiophene	< 0.005	< 0.005	< 0.005	< 0.005
iso-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005
n-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005
2-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005
3-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005
Tetrahydrothiophene	< 0.005	< 0.005	< 0.005	< 0.005
Bromothiophene	< 0.005	< 0.005	< 0.005	< 0.005
Thiophenol	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005
Total Unidentified Sulfur	< 0.005	< 0.005	< 0.005	< 0.005
Total Reduced Sulfurs	< 0.005	< 0.005	< 0.005	< 0.005

All unidentified compound's concentrations expressed in terms of H_2S (TRS does not include COS and SO2)
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

Quality Control/Quality Assurance Report
SCAQMD 307.91

Cal Verification Date: 3/17/2026
Analyst: NR/RSF
Units: ppbV

Instrument ID : SCD#10
Initial Cal Date : 02/10/2025

Opening Calibration Verification Standard

501.3 ppbV H2S (GC-0301226-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	22502	506	100.9	3.0
Duplicate	21231	477	95.2	2.8
Triplicate	21811	490	97.8	0.2

513.3 ppbV MeSH (GC-0301226-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	20687	538	104.9	1.2
Duplicate	19971	520	101.3	2.3
Triplicate	20660	538	104.8	1.1

522.3 ppbV DMS (GC-0301226-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	24362	540	103.3	2.5
Duplicate	22926	508	97.2	3.5
Triplicate	24015	532	101.9	1.0

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis Sample ID 260620-87542

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H_2S	<PQL	<PQL	0.0	0.0
MeSH	<PQL	<PQL	0.0	0.0
DMS	<PQL	<PQL	0.0	0.0

Matrix Spike & Duplicate Sample ID 260620-87542 x2

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	250.6	263.0	248.5	104.9	99.2	5.7
MeSH	<PQL	256.6	282.2	281.4	110.0	109.7	0.3
DMS	<PQL	261.1	274.3	283.1	105.1	108.4	3.1

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	501.3	485.9	96.9
MeSH	513.3	536.9	104.6
DMS	522.3	494.9	94.8

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

PQL = 50.0 ppbV

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report
SCAQMD 307.91

Cal Verification Date: 3/18/2026
Analyst: NR/RSF
Units: ppbV

Instrument ID : SCD#10
Initial Cal Date : 02/10/2025

Opening Calibration Verification Standard

501.3 ppbV H2S (GC-0301226-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	21256	478	95.3	0.6
Duplicate	21648	486	97.0	1.3
Triplicate	21232	477	95.2	0.7

513.3 ppbV MeSH (GC-0301226-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	20685	538	104.9	2.5
Duplicate	20062	522	101.7	0.6
Triplicate	19823	516	100.5	1.8

522.3 ppbV DMS (GC-0301226-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	22847	506	96.9	0.6
Duplicate	22611	501	95.9	0.5
Triplicate	22692	503	96.2	0.1

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 260620-87542**

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H_2S	<PQL	<PQL	0.0	0.0
MeSH	<PQL	<PQL	0.0	0.0
DMS	<PQL	<PQL	0.0	0.0

Matrix Spike & Duplicate **Sample ID 260620-87542 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	250.6	225.8	229.8	90.1	91.7	1.7
MeSH	<PQL	256.6	250.8	259.1	97.7	101.0	3.2
DMS	<PQL	261.1	241.9	246.8	92.6	94.5	2.0

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	501.3	480.7	95.9
MeSH	513.3	546.3	106.4
DMS	522.3	505.8	96.9

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*
PQL = 50.0 ppbV

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

260632

CE Schmidt, PhD, Environmental Consultant

Chain of Custody Record

Sulfur D2

Form Serial Number: **CES F1-02106**	For Information Regarding These Samples Please Contact:	Client Address and Phone Number: ***3900 Kilroy Airport Way, Suite 100, Long Beach, CA 90806 562-743-7895***
Client Name: ***SCS Chiquita Canyon Landfill***	**Dr. Charles E. Schmidt**, 19200 Live Oak Road, Red Bluff, CA 96080, 530-529-4256 Cell: 530-200-2473, SCHMIDTCE@aol.com	Laboratory Name: ***Atmospheric Analysis and Consulting***
Project Manager: ***Pat Sullivan***		Laboratory Address: ***2225 Sperry Avenue, Ventura, CA 93003***
Requested Completion Date		Laboratory Phone: ***805-650-1642***
		Laboratory Contact: ***John Yokoyama*** jgyokoyama@aaclab.com

Station Number	Date	Time	COMP	GRAB	Sample ID Number	# OF CONTAINERS	Sample Container: Bag	Can	Tube	Analysis Requested: SCAQMD Method 307-91	Field H2S (ppmv)	Remarks
	3/17/2026	1019		x	S- 201 a/b 87593 87594	2	X			X		
	3/17/2026	1012		x	S- 202 a/b 87595 87596	2	X			X		
	3/17/2026	1020		x	S- 203 a/b 87597 87598	2	X			X		
	3/17/2026	1009		x	S- 204 a/b 87599 87600	2	X			X		
	3/17/2026	1119		x	S- 205 a/b 87601 87602	2	X			X		
	3/17/2026	1130		x	S- 206 a/b 87603 87604	2	X			X		
	3/17/2026	1125		x	S- 207 a/b 87605 87606	2	X			X		
	3/17/2026	1126		x	S- 208 a/b 87607 87608	2	X			X		
	3/17/2026	1232		x	S- 209 a/b 87609 87610	2	X			X		
	3/17/2026	1240		x	S- 210 a/b 87611 87612	2	X			X		
	3/17/2026	1233		x	S- 211 a/b 87613 87614	2	X			X		
	3/17/2026	1207		x	S- 212 a/b 87615 87616	2	X			X		
	3/17/2026	1229		x	S- 213 a/b 87617 87618	2	X			X		
	3/17/2026	1303		x	S- 214 a/b 87619 87620	2	X			X		

Sampler: CE SCHMIDT	Date/Time: 3/17/26 1330	Relinquished by: CE SCHMIDT	Date/Time: 3/17/26 1330
Recieved by: SAC	Date/Time	Relinquished by: SAC	Date/Time: 3/17/26 1430
Recieved by: SAC	Date/Time: 3/17/26 1:41	Relinquished by	Date/Time
Recieved by Labratory: Daniel Navarro	Date/Time: 3/17/26 14:57	Sample Shipped Via: UPS FEDEX BUS Hand Other	Air Bill No.
Remarks			

HAZWRAP/NEESA Y N	
QC Level 1 2 3	
COC	Ice
Ana Req	Temp ***AMB***
Cust Seal	pH
Sample Condition	

File: Sulfur Forms.xlsb Form: Sulfur COC D2

Atmospheric Analysis & Consulting, Inc

CLIENT	:	Environmental Management Consulting
PROJECT NAME	:	SCS Chiquita Canyon Landfill
PROJECT NUMBER	:	CES F1-02106
AAC PROJECT NO.	:	260644
REPORT DATE	:	03/25/2026

On March 18th 2026, Atmospheric Analysis & Consulting, Inc. received twenty eight (28) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the sample was assigned a unique Laboratory ID number as follows:

Client ID	AAC ID	Client ID	AAC ID
S-301a	260644-87658	S-308a	260644-87672
S-301b	260644-87659	S-308b	260644-87673
S-302a	260644-87660	S-309a	260644-87674
S-302b	260644-87661	S-309b	260644-87675
S-303a	260644-87662	S-310a	260644-87676
S-303b	260644-87663	S-310b	260644-87677
S-304a	260644-87664	S-311a	260644-87678
S-304b	260644-87665	S-311b	260644-87679
S-305a	260644-87666	S-312a	260644-87680
S-305b	260644-87667	S-312b	260644-87681
S-306a	260644-87668	S-313a	260644-87682
S-306b	260644-87669	S-313b	260644-87683
S-307a	260644-87670	S-314a	260644-87684
S-307b	260644-87671	S-314b	260644-87685

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. Per client request, samples "S-3xx-b" were held as backup and therefore not analyzed. No problems were encountered during receiving, preparation, and/or analysis of this sample. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 8 pages.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

LABORATORY ANALYSIS REPORT

CLIENT : Environmental Management Consulting
PROJECT NO. : 260644
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 03/18/2026
RECEIVING DATE : 03/18/2026
ANALYSIS DATE : 03/18/2026
REPORT DATE : 03/25/2026

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	S-301a	S-302a	S-303a	S-304a	S-305a
AAC ID	260644-87658	260644-87660	260644-87662	260644-87664	260644-87666
Analyte	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
COS / SO2	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ethyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Sulfide	**0.019**	**0.034**	**0.020**	**0.036**	**0.144**
Carbon Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Isopropyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	**0.008**
tert-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Propyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylethylsulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
sec-Butyl Mercaptan / Thiophene	< 0.005	< 0.005	< 0.005	< 0.005	**0.014**
iso-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Disulfide	< 0.005	**0.005**	< 0.005	< 0.005	**0.046**
2-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	**0.022**
3-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	**0.006**
Tetrahydrothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Thiophenol	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Unidentified Sulfur	< 0.005	< 0.005	< 0.005	< 0.005	**0.090**
Total Reduced Sulfurs	**0.019**	**0.039**	**0.020**	**0.036**	**0.330**

All unidentified compound's concentrations expressed in terms of H_2S (TRS does not include COS and SO2)
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

LABORATORY ANALYSIS REPORT

CLIENT : Environmental Management Consulting
PROJECT NO. : 260644
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 03/18/2026
RECEIVING DATE : 03/18/2026
ANALYSIS DATE : 03/18/2026
REPORT DATE : 03/25/2026

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	S-306a	S-307a	S-308a	S-309a	S-310a
AAC ID	260644-87668	260644-87670	260644-87672	260644-87674	260644-87676
Analyte	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
COS / SO2	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ethyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Sulfide	**0.170**	**0.256**	**0.129**	< 0.005	**0.122**
Carbon Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Isopropyl Mercaptan	< 0.005	< 0.005	**0.008**	< 0.005	< 0.005
tert-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Propyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylethylsulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
sec-Butyl Mercaptan / Thiophene	**0.013**	**0.018**	**0.013**	< 0.005	**0.011**
iso-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Disulfide	**0.036**	**0.035**	**0.022**	< 0.005	**0.053**
2-Methylthiophene	**0.006**	< 0.005	< 0.005	< 0.005	**0.005**
3-Methylthiophene	< 0.005	**0.027**	< 0.005	< 0.005	< 0.005
Tetrahydrothiophene	**0.008**	**0.011**	< 0.005	< 0.005	< 0.005
Bromothiophene	< 0.005	< 0.005	**0.012**	< 0.005	< 0.005
Thiophenol	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Unidentified Sulfur	**0.100**	**0.116**	**0.014**	< 0.005	**0.112**
Total Reduced Sulfurs	**0.333**	**0.463**	**0.198**	< 0.005	**0.303**

All unidentified compound's concentrations expressed in terms of H_2S (TRS does not include COS and SO2)
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

LABORATORY ANALYSIS REPORT

CLIENT : Environmental Management Consulting
PROJECT NO. : 260644
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 03/18/2026
RECEIVING DATE : 03/18/2026
ANALYSIS DATE : 03/18-19/2026
REPORT DATE : 03/25/2026

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	S-311a	S-312a	S-313a	S-314a
AAC ID	260644-87678	260644-87680	260644-87682	260644-87684
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.005	< 0.005	< 0.005	< 0.005
COS / SO2	< 0.005	< 0.005	< 0.005	< 0.005
Methyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
Ethyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Sulfide	< 0.005	**0.019**	**0.024**	< 0.005
Carbon Disulfide	< 0.005	< 0.005	< 0.005	< 0.005
Isopropyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
tert-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
n-Propyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
Methylethylsulfide	< 0.005	< 0.005	< 0.005	< 0.005
sec-Butyl Mercaptan / Thiophene	< 0.005	< 0.005	< 0.005	< 0.005
iso-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005
n-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Disulfide	< 0.005	**0.014**	**0.010**	< 0.005
2-Methylthiophene	< 0.005	**0.007**	< 0.005	< 0.005
3-Methylthiophene	< 0.005	< 0.005	**0.007**	< 0.005
Tetrahydrothiophene	< 0.005	< 0.005	< 0.005	< 0.005
Bromothiophene	< 0.005	< 0.005	< 0.005	< 0.005
Thiophenol	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005
Total Unidentified Sulfur	< 0.005	**0.014**	**0.006**	< 0.005
Total Reduced Sulfurs	< 0.005	**0.054**	**0.047**	< 0.005

All unidentified compound's concentrations expressed in terms of H_2S (TRS does not include COS and SO2)
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report
SCAQMD 307.91

Cal Verification Date: 3/18/2026
Analyst: NR/RSF
Units: ppmV

Instrument ID : SCD-BTU
Initial Cal Date : 02/01/2025

Opening Calibration Verification Standard

0.501 ppmV H2S (GC-031226-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7904	0.502	100.1	3.0
Duplicate	7518	0.477	95.2	2.1
Triplicate	7605	0.483	96.3	0.9

0.513 ppmV MeSH (GC-031226-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7851	0.538	104.8	0.4
Duplicate	7776	0.533	103.8	0.6
Triplicate	7838	0.537	104.6	0.2

0.522 ppmV DMS (GC-031226-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8867	0.539	103.3	0.4
Duplicate	8821	0.537	102.7	0.1
Triplicate	8797	0.535	102.5	0.4

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 260628-87584**

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H_2S	<PQL	<PQL	0.000	0.0
MeSH	<PQL	<PQL	0.000	0.0
DMS	<PQL	<PQL	0.000	0.0

Matrix Spike & Duplicate **Sample ID 260628-87584 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.251	0.229	0.227	91.4	90.6	0.9
MeSH	<PQL	0.257	0.257	0.249	100.1	97.0	3.2
DMS	<PQL	0.261	0.277	0.269	106.1	103.0	2.9

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.501	0.470	93.8
MeSH	0.513	0.514	100.1
DMS	0.522	0.515	98.6

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

PQL = 0.05 ppmV

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report
SCAQMD 307.91

Cal Verification Date: 3/18/2026
Analyst: NR/RSF
Units: ppbV

Instrument ID : SCD#10
Initial Cal Date : 02/10/2025

Opening Calibration Verification Standard

501.3 ppbV H2S (GC-0301226-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	21256	478	95.3	0.6
Duplicate	21648	486	97.0	1.3
Triplicate	21232	477	95.2	0.7

513.3 ppbV MeSH (GC-0301226-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	20685	538	104.9	2.5
Duplicate	20062	522	101.7	0.6
Triplicate	19823	516	100.5	1.8

522.3 ppbV DMS (GC-0301226-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	22847	506	96.9	0.6
Duplicate	22611	501	95.9	0.5
Triplicate	22692	503	96.2	0.1

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 260620-87542**

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H_2S	<PQL	<PQL	0.0	0.0
MeSH	<PQL	<PQL	0.0	0.0
DMS	<PQL	<PQL	0.0	0.0

Matrix Spike & Duplicate **Sample ID 260620-87542 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	250.6	225.8	229.8	90.1	91.7	1.7
MeSH	<PQL	256.6	250.8	259.1	97.7	101.0	3.2
DMS	<PQL	261.1	241.9	246.8	92.6	94.5	2.0

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	501.3	480.7	95.9
MeSH	513.3	546.3	106.4
DMS	522.3	505.8	96.9

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*
PQL = 50.0 ppbV

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report
SCAQMD 307.91

Cal Verification Date: 3/19/2026
Analyst: NR/RSF
Units: ppbV

Instrument ID : SCD#10
Initial Cal Date : 02/10/2025

Opening Calibration Verification Standard

501.3 ppbV H2S (GC-0301226-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	21681	487	97.2	1.0
Duplicate	21335	479	95.6	0.6
Triplicate	21404	481	96.0	0.3

513.3 ppbV MeSH (GC-0301226-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	20611	536	104.5	1.2
Duplicate	20624	537	104.6	1.2
Triplicate	19889	518	100.9	2.4

522.3 ppbV DMS (GC-0301226-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	23762	526	100.8	3.0
Duplicate	22886	507	97.1	0.8
Triplicate	22571	500	95.7	2.2

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 260644-87684**

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H_2S	<PQL	<PQL	0.0	0.0
MeSH	<PQL	<PQL	0.0	0.0
DMS	<PQL	<PQL	0.0	0.0

Matrix Spike & Duplicate **Sample ID 260644-87684 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	250.6	250.7	244.7	100.0	97.6	2.4
MeSH	<PQL	256.6	280.5	278.4	109.3	108.5	0.8
DMS	<PQL	261.1	261.5	265.2	100.1	101.6	1.4

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	501.3	453.9	90.5
MeSH	513.3	514.6	100.3
DMS	522.3	492.6	94.3

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

PQL = 50.0 ppbV

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

260644

CE Schmidt, PhD, Environmental Consultant — **Sulfur D3**

Chain of Custody Record

Form Serial Number: **CES F1-02106**	For Information Regarding These Samples Please Contact:
Client Name: ***SCS*** / ***Chiquita Canyon Landfill***	**Dr. Charles E. Schmidt**
Project Manager: ***Pat Sullivan***	19200 Live Oak Road, Red Bluff, CA 96080
Requested Completion Date	530-529-4256 Cell: 530-200-2473
	SCHMIDTCE@aol.com

Client Address and Phone Number: ***3900 Kilroy Airport Way, Suite 100*** / ***Long Beach, CA 90806 562-743-7895***

Laboratory Name: ***Atmospheric Analysis and Consulting***

Laboratory Address: ***2225 Sperry Avenue*** / ***Ventura, CA 93003***

Laboratory Phone: ***805-650-1642***

Laboratory Contact: ***John Yokoyama*** jgyokoyama@aaclab.com

Station Number	Date	Time	COMP	GRAB	Sample ID Number	# OF CONTAINERS	Sample Container: Bag	Can	Tube	Analysis Requested: SCAQMD Method 307-91	Field H2S (ppmv)	Remarks
	3/18/2026	1007		x	S- 301 a/b 87658 87659	2	X			X		
	3/18/2026	1011		x	S- 302 a/b 87660 87661	2	X			X		
	3/18/2026	1012		x	S- 303 a/b 87662 87663	2	X			X		
	3/18/2026	1010		x	S- 304 a/b 87664 87665	2	X			X		
	3/18/2026	1009		x	S- 305 a/b 87666 87667	2	X			X		
	3/18/2026	1102		x	S- 306 a/b 87668 87669	2	X			X		
	3/18/2026	1104		x	S- 307 a/b 87670 87671	2	X			X		
	3/18/2026	1107		x	S- 308 a/b 87672 87673	2	X			X		
	3/18/2026	1211		x	S- 309 a/b 87674 87675	2	X			X		
	3/18/2026	1210		x	S- 310 a/b 87676 87677	2	X			X		
	3/18/2026	1206		x	S- 311 a/b 87678 87679	2	X			X		
	3/18/2026	1218		x	S- 312 a/b 87680 87681	2	X			X		
	3/18/2026	1218		x	S- 313 a/b 87682 87683	2	X			X		
	3/18/2026	1217		x	S- 314 a/b 87684 87685	2	X			X		

Sampler: CE Schmidt	Date/Time: 3/18/26 1300	Relinquished by:	Date/Time:	HAZWRAP/NEESA Y N	
Recieved by:	Date/Time:	Relinquished by:	Date/Time: 3/18/26 2:15	QC Level 1 2 3	
Recieved by:	Date/Time:	Relinquished by:	Date/Time:	COC	Ice
Recieved by Laboratory	Date/Time: 3/18/26 1433	Sample Shipped Via: UPS FEDEX BUS Hand Other	Air Bill No.	Ana Req	Temp ***AMB***
				Cust Seal	pH
				Sample Condition	

Remarks

File: Sulfur Forms.xlsb Form: Sulfur COC D3

Atmospheric Analysis & Consulting, Inc

CLIENT	: Environmental Management Consulting
PROJECT NAME	: SCS Chiquita Canyon Landfill
PROJECT NUMBER	: CES F1-02106
AAC PROJECT NO.	: 260661
REPORT DATE	: 03/26/2026

On March 19th 2026, Atmospheric Analysis & Consulting, Inc. received twenty eight (28) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the sample was assigned a unique Laboratory ID number as follows:

Client ID	AAC ID	Client ID	AAC ID
S-401a	260661-87732	S-408a	260661-87746
S-401b	260661-87733	S-408b	260661-87747
S-402a	260661-87734	S-409a	260661-87748
S-402b	260661-87735	S-409b	260661-87749
S-403a	260661-87736	S-410a	260661-87750
S-403b	260661-87737	S-410b	260661-87751
S-404a	260661-87738	S-411a	260661-87752
S-404b	260661-87739	S-411b	260661-87753
S-405a	260661-87740	S-412a	260661-87754
S-405b	260661-87741	S-412b	260661-87755
S-406a	260661-87742	S-413a	260661-87756
S-406b	260661-87743	S-413b	260661-87757
S-407a	260661-87744	S-414a	260661-87758
S-407b	260661-87745	S-414b	260661-87759

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. Per client request, samples "S-4xx-b" were held as backup and therefore not analyzed. No problems were encountered during receiving, preparation, and/or analysis of this sample. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 9 pages.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

LABORATORY ANALYSIS REPORT

CLIENT : Environmental Management Consulting
PROJECT NO. : 260661
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 03/19/2026
RECEIVING DATE : 03/19/2026
ANALYSIS DATE : 03/19/2026
REPORT DATE : 03/26/2026

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	S-401a	S-402a	S-403a	S-404a	S-405a
AAC ID	260661-87732	260661-87734	260661-87736	260661-87738	260661-87740
Analyte	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
COS / SO2	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ethyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Sulfide	< 0.005	< 0.005	< 0.005	**0.008**	< 0.005
Carbon Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Isopropyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
tert-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Propyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylethylsulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
sec-Butyl Mercaptan / Thiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
iso-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
2-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
3-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Tetrahydrothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Thiophenol	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Unidentified Sulfur	< 0.005	< 0.005	< 0.005	**0.023**	< 0.005
Total Reduced Sulfurs	< 0.005	< 0.005	< 0.005	**0.031**	< 0.005

All unidentified compound's concentrations expressed in terms of H_2S (TRS does not include COS and SO2)
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

LABORATORY ANALYSIS REPORT

CLIENT : Environmental Management Consulting
PROJECT NO. : 260661
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 03/19/2026
RECEIVING DATE : 03/19/2026
ANALYSIS DATE : 03/19-20/2026
REPORT DATE : 03/26/2026

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	S-406a	S-407a	S-408a	S-409a	S-410a
AAC ID	260661-87742	260661-87744	260661-87746	260661-87748	260661-87750
Analyte	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.005	< 0.005	< 0.005	**0.008**	< 0.005
COS / SO2	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ethyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Carbon Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Isopropyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
tert-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Propyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylethylsulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
sec-Butyl Mercaptan / Thiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
iso-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	**0.009**	< 0.005
Dimethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
2-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
3-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Tetrahydrothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Thiophenol	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Unidentified Sulfur	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Reduced Sulfurs	< 0.005	< 0.005	< 0.005	**0.017**	< 0.005

All unidentified compound's concentrations expressed in terms of H_2S (TRS does not include COS and SO2)
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

LABORATORY ANALYSIS REPORT

CLIENT : Environmental Management Consulting
PROJECT NO. : 260661
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 03/19/2026
RECEIVING DATE : 03/19/2026
ANALYSIS DATE : 03/20/2026
REPORT DATE : 03/26/2026

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	S-411a	S-412a	S-413a	S-414a
AAC ID	260661-87752	260661-87754	260661-87756	260661-87758
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.005	< 0.005	< 0.005	< 0.005
COS / SO2	< 0.005	< 0.005	< 0.005	< 0.005
Methyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
Ethyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005
Carbon Disulfide	< 0.005	< 0.005	< 0.005	< 0.005
Isopropyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
tert-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
n-Propyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
Methylethylsulfide	< 0.005	< 0.005	< 0.005	< 0.005
sec-Butyl Mercaptan / Thiophene	< 0.005	< 0.005	< 0.005	< 0.005
iso-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005
n-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005
2-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005
3-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005
Tetrahydrothiophene	< 0.005	< 0.005	< 0.005	< 0.005
Bromothiophene	< 0.005	< 0.005	< 0.005	< 0.005
Thiophenol	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005
Total Unidentified Sulfur	< 0.005	< 0.005	< 0.005	< 0.005
Total Reduced Sulfurs	< 0.005	< 0.005	< 0.005	< 0.005

All unidentified compound's concentrations expressed in terms of H_2S (TRS does not include COS and SO2)
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report
SCAQMD 307.91

Cal Verification Date: 3/19/2026
Analyst: NR/RSF
Units: ppmV

Instrument ID : SCD-BTU
Initial Cal Date : 02/01/2025

Opening Calibration Verification Standard

0.501 ppmV H2S (GC-031226-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7614	0.484	96.5	0.8
Duplicate	7527	0.478	95.4	1.9
Triplicate	7875	0.500	99.8	2.6

0.513 ppmV MeSH (GC-031226-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7564	0.518	100.9	1.0
Duplicate	7601	0.521	101.4	1.5
Triplicate	7312	0.501	97.6	2.4

0.522 ppmV DMS (GC-031226-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8737	0.531	101.7	3.0
Duplicate	8224	0.500	95.8	3.0
Triplicate	8476	0.516	98.7	0.0

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 260661-87738**

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H_2S	<PQL	<PQL	0.000	0.0
MeSH	<PQL	<PQL	0.000	0.0
DMS	<PQL	<PQL	0.000	0.0

Matrix Spike & Duplicate **Sample ID 260661-87738 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.251	0.231	0.232	92.2	92.6	0.4
MeSH	<PQL	0.257	0.255	0.260	99.4	101.3	1.9
DMS	<PQL	0.261	0.286	0.287	109.5	109.9	0.3

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.501	0.500	99.8
MeSH	0.513	0.539	105.0
DMS	0.522	0.545	104.4

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

PQL = 0.05 ppmV

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report
SCAQMD 307.91

Cal Verification Date: 3/19/2026
Analyst: NR/RSF
Units: ppbV

Instrument ID : SCD#10
Initial Cal Date : 02/10/2025

Opening Calibration Verification Standard

501.3 ppbV H2S (GC-0301226-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	21681	487	97.2	1.0
Duplicate	21335	479	95.6	0.6
Triplicate	21404	481	96.0	0.3

513.3 ppbV MeSH (GC-0301226-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	20611	536	104.5	1.2
Duplicate	20624	537	104.6	1.2
Triplicate	19889	518	100.9	2.4

522.3 ppbV DMS (GC-0301226-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	23762	526	100.8	3.0
Duplicate	22886	507	97.1	0.8
Triplicate	22571	500	95.7	2.2

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 260644-87684**

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H_2S	<PQL	<PQL	0.0	0.0
MeSH	<PQL	<PQL	0.0	0.0
DMS	<PQL	<PQL	0.0	0.0

Matrix Spike & Duplicate **Sample ID 260644-87684 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	250.6	250.7	244.7	100.0	97.6	2.4
MeSH	<PQL	256.6	280.5	278.4	109.3	108.5	0.8
DMS	<PQL	261.1	261.5	265.2	100.1	101.6	1.4

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	501.3	453.9	90.5
MeSH	513.3	514.6	100.3
DMS	522.3	492.6	94.3

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*
PQL = 50.0 ppbV

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

Quality Control/Quality Assurance Report
SCAQMD 307.91

Cal Verification Date: 3/20/2026
Analyst: NR/RSF
Units: ppmV

Instrument ID : SCD-BTU
Initial Cal Date : 02/01/2025

Opening Calibration Verification Standard

0.501 ppmV H2S (GC-031226-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7941	0.504	100.6	0.0
Duplicate	7818	0.496	99.0	1.5
Triplicate	8062	0.512	102.1	1.5

0.513 ppmV MeSH (GC-031226-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7683	0.526	102.5	0.1
Duplicate	7711	0.528	102.9	0.2
Triplicate	7689	0.527	102.6	0.1

0.522 ppmV DMS (GC-031226-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8773	0.534	102.2	0.1
Duplicate	8767	0.533	102.1	0.2
Triplicate	8810	0.536	102.6	0.3

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 260661-87756**

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H_2S	<PQL	<PQL	0.000	0.0
MeSH	<PQL	<PQL	0.000	0.0
DMS	<PQL	<PQL	0.000	0.0

Matrix Spike & Duplicate **Sample ID 260661-87756 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.251	0.236	0.246	94.2	98.2	4.1
MeSH	<PQL	0.257	0.272	0.276	106.0	107.5	1.5
DMS	<PQL	0.261	0.286	0.286	109.5	109.5	0.0

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.501	0.452	90.2
MeSH	0.513	0.529	103.1
DMS	0.522	0.516	98.8

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

PQL = 0.05 ppmV

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report
SCAQMD 307.91

Cal Verification Date: 3/20/2026
Analyst: NR/RSF
Units: ppbV

Instrument ID : SCD#10
Initial Cal Date : 02/10/2025

Opening Calibration Verification Standard

501.3 ppbV H2S (GC-0301226-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	21263	478	95.3	4.7
Duplicate	22909	515	102.7	2.7
Triplicate	22737	511	101.9	1.9

513.3 ppbV MeSH (GC-0301226-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	19975	520	101.3	1.6
Duplicate	20337	529	103.1	0.2
Triplicate	20587	536	104.4	1.4

522.3 ppbV DMS (GC-0301226-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	22467	498	95.3	3.5
Duplicate	23763	526	100.8	2.0
Triplicate	23630	523	100.2	1.5

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 260661-87758**

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H_2S	<PQL	<PQL	0.0	0.0
MeSH	<PQL	<PQL	0.0	0.0
DMS	<PQL	<PQL	0.0	0.0

Matrix Spike & Duplicate **Sample ID 260661-87758 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	250.6	248.8	248.3	99.3	99.1	0.2
MeSH	<PQL	256.6	277.9	282.0	108.3	109.9	1.4
DMS	<PQL	261.1	265.6	269.7	101.7	103.3	1.5

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	501.3	510.3	101.8
MeSH	513.3	560.4	109.2
DMS	522.3	543.5	104.1

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*
PQL = 50.0 ppbV

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

CE Schmidt, PhD, Environmental Consultant 260661 **Sulfur D4**

Chain of Custody Record

Form Serial Number	For Information Regarding These Samples Please Contact:	# OF CONTAINERS				Client Address and Phone Number	Laboratory Name
CES F1-02106						***3900 Kilroy Airport Way, Suite 100***	***Atmospheric Analysis and Consulting***
Client Name	**Dr. Charles E. Schmidt**					***Long Beach, CA 90806 562-743-7895***	Laboratory Address
SCS	19200 Live Oak Road, Red Bluff, CA 96080					Analysis Requested	***2225 Sperry Avenue***
Chiquita Canyon Landfill	530-529-4256 Cell: 530-200-2473						***Ventura, CA 93003***
Project Manager	SCHMIDTCE@aol.com						Laboratory Phone
Pat Sullivan							***805-650-1642***
Requested Completion Date							Laboratory Contact
							John Yokoyama
							jgyokoyama@aaclab.com

Station Number	Date	Time	COMP	GRAB	Sample ID Number	# OF CONTAINERS	Sample Container Bag	Can	Tube	SCAQMD Method 307-91	Field H2S (ppmv)	Remarks
	3/19/2026	938		x	S- 401 a/b 87732 87733	2	X			X		
	3/19/2026	935		x	S- 402 a/b 87734 87735	2	X			X		
	3/19/2026	929		x	S- 403 a/b 87736 87737	2	X			X		
	3/19/2026	926		x	S- 404 a/b 87738 87739	2	X			X		
	3/19/2026	1035		x	S- 405 a/b 87740 87741	2	X			X		
	3/19/2026	1031		x	S- 406 a/b 87742 87743	2	X			X		
	3/19/2026	1047		x	S- 407 a/b 87744 87745	2	X			X		
	3/19/2026	1038		x	S- 408 a/b 87746 87747	2	X			X		
	3/19/2026	1210		x	S- 409 a/b 87748 87749	2	X			X		
	3/19/2026	1209		x	S- 410 a/b 87750 87751	2	X			X		
	3/19/2026	1202		x	S- 411 a/b 87752 87753	2	X			X		
	3/19/2026	1205		x	S- 412 a/b 87754 87755	2	X			X		
	3/19/2026	1209		x	S- 413 a/b 87756 87757	2	X			X		
	3/19/2026	1225		x	S- 414 a/b 87758 87759	2	X			X		

Sampler	Date/Time	Relinquished by	Date/Time	HAZWRAP/NEESA Y N
	3/19/26 1300		3/19/26	QC Level 1 2 3
Recieved by	Date/Time	Relinquished by	Date/Time 1300	COC / Ice
				Ana Req / Temp ***AMB***
Recieved by	Date/Time 3/19/26 1357	Relinquished by	Date/Time 3/19/26 1357	Cust Seal / pH
Recieved by Laboratory	Date/Time 3/19/26 1352	Sample Shipped Via UPS FEDEX BUS Hand Other	Air Bill No.	Sample Condition
Remarks				

File: Sulfur Forms.xlsb Form: Sulfur COC D4

Atmospheric Analysis & Consulting, Inc

CLIENT	: Environmental Management Consulting
PROJECT NAME	: SCS Chiquita Canyon Landfill
PROJECT NUMBER	: CES F1-02106
AAC PROJECT NO.	: 260671
REPORT DATE	: 03/26/2026

On March 20th 2026, Atmospheric Analysis & Consulting, Inc. received twenty (20) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the sample was assigned a unique Laboratory ID number as follows:

Client ID	AAC ID	Client ID	AAC ID
S-501a	260671-87802	S-506a	260671-87812
S-501b	260671-87803	S-506b	260671-87813
S-502a	260671-87804	S-507a	260671-87814
S-502b	260671-87805	S-507b	260671-87815
S-503a	260671-87806	S-508a	260671-87816
S-503b	260671-87807	S-508b	260671-87817
S-504a	260671-87808	S-509a	260671-87818
S-504b	260671-87809	S-509b	260671-87819
S-505a	260671-87810	S-510a	260671-87820
S-505b	260671-87811	S-510b	260671-87821

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. Per client request, samples "S-5xx-b" were held as backup and therefore not analyzed. No problems were encountered during receiving, preparation, and/or analysis of this sample. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 6 pages.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

LABORATORY ANALYSIS REPORT

CLIENT : Environmental Management Consulting
PROJECT NO. : 260671
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 03/20/2026
RECEIVING DATE : 03/20/2026
ANALYSIS DATE : 03/20/2026
REPORT DATE : 03/26/2026

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	S-501a	S-502a	S-503a	S-504a	S-505a
AAC ID	260671-87802	260671-87804	260671-87806	260671-87808	260671-87810
Analyte	Result	Result	Result	Result	Result
Hydrogen Sulfide	**0.011**	**0.010**	< 0.005	**0.017**	< 0.005
COS / SO2	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ethyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Carbon Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Isopropyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
tert-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Propyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylethylsulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
sec-Butyl Mercaptan / Thiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
iso-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
2-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
3-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Tetrahydrothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Thiophenol	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Unidentified Sulfur	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Reduced Sulfurs	**0.011**	**0.010**	< 0.005	**0.017**	< 0.005

All unidentified compound's concentrations expressed in terms of H_2S (TRS does not include COS and SO2)
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.

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Atmospheric Analysis & Consulting, Inc

LABORATORY ANALYSIS REPORT

CLIENT : Environmental Management Consulting
PROJECT NO. : 260671
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 03/20/2026
RECEIVING DATE : 03/20/2026
ANALYSIS DATE : 03/20/2026
REPORT DATE : 03/26/2026

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	S-506a	S-507a	S-508a	S-509a	S-510a
AAC ID	260671-87812	260671-87814	260671-87816	260671-87818	260671-87820
Analyte	Result	Result	Result	Result	Result
Hydrogen Sulfide	**0.007**	**0.005**	< 0.005	**0.011**	< 0.005
COS / SO2	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ethyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Carbon Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Isopropyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
tert-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Propyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylethylsulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
sec-Butyl Mercaptan / Thiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
iso-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
2-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
3-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Tetrahydrothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Thiophenol	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Unidentified Sulfur	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Reduced Sulfurs	**0.007**	**0.005**	< 0.005	**0.011**	< 0.005

All unidentified compound's concentrations expressed in terms of H_2S (TRS does not include COS and SO2)
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

Quality Control/Quality Assurance Report
SCAQMD 307.91

Cal Verification Date: 3/20/2026
Analyst: NR/RSF
Units: ppmV

Instrument ID : SCD-BTU
Initial Cal Date : 02/01/2025

Opening Calibration Verification Standard

0.501 ppmV H2S (GC-031226-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7941	0.504	100.6	0.0
Duplicate	7818	0.496	99.0	1.5
Triplicate	8062	0.512	102.1	1.5

0.513 ppmV MeSH (GC-031226-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7683	0.526	102.5	0.1
Duplicate	7711	0.528	102.9	0.2
Triplicate	7689	0.527	102.6	0.1

0.522 ppmV DMS (GC-031226-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8773	0.534	102.2	0.1
Duplicate	8767	0.533	102.1	0.2
Triplicate	8810	0.536	102.6	0.3

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 260661-87756**

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H_2S	<PQL	<PQL	0.000	0.0
MeSH	<PQL	<PQL	0.000	0.0
DMS	<PQL	<PQL	0.000	0.0

Matrix Spike & Duplicate **Sample ID 260661-87756 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.251	0.236	0.246	94.2	98.2	4.1
MeSH	<PQL	0.257	0.272	0.276	106.0	107.5	1.5
DMS	<PQL	0.261	0.286	0.286	109.5	109.5	0.0

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.501	0.452	90.2
MeSH	0.513	0.529	103.1
DMS	0.522	0.516	98.8

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*
PQL = 0.05 ppmV

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

Quality Control/Quality Assurance Report
SCAQMD 307.91

Cal Verification Date: 3/20/2026
Analyst: NR/RSF
Units: ppbV

Instrument ID : SCD#10
Initial Cal Date : 02/10/2025

Opening Calibration Verification Standard

501.3 ppbV H2S (GC-0301226-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	21263	478	95.3	4.7
Duplicate	22909	515	102.7	2.7
Triplicate	22737	511	101.9	1.9

513.3 ppbV MeSH (GC-0301226-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	19975	520	101.3	1.6
Duplicate	20337	529	103.1	0.2
Triplicate	20587	536	104.4	1.4

522.3 ppbV DMS (GC-0301226-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	22467	498	95.3	3.5
Duplicate	23763	526	100.8	2.0
Triplicate	23630	523	100.2	1.5

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 260661-87758**

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H_2S	<PQL	<PQL	0.0	0.0
MeSH	<PQL	<PQL	0.0	0.0
DMS	<PQL	<PQL	0.0	0.0

Matrix Spike & Duplicate **Sample ID 260661-87758 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	250.6	248.8	248.3	99.3	99.1	0.2
MeSH	<PQL	256.6	277.9	282.0	108.3	109.9	1.4
DMS	<PQL	261.1	265.6	269.7	101.7	103.3	1.5

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	501.3	510.3	101.8
MeSH	513.3	560.4	109.2
DMS	522.3	543.5	104.1

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

PQL = 50.0 ppbV

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

260671

CE Schmidt, PhD, Environmental Consultant — **Sulfur D5**

Chain of Custody Record

Form Serial Number	For Information Regarding These Samples Please Contact:	Client Address and Phone Number	Laboratory Name
CES F1-02106	**Dr. Charles E. Schmidt**	***3900 Kilroy Airport Way, Suite 100***	***Atmospheric Analysis and Consulting***
Client Name	19200 Live Oak Road, Red Bluff, CA 96080	***Long Beach, CA 90806 562-743-7895***	Laboratory Address
SCS	530-529-4256 Cell: 530-200-2473		***2225 Sperry Avenue***
Chiquita Canyon Landfill	SCHMIDTCE@aol.com		***Ventura, CA 93003***
Project Manager			Laboratory Phone
Pat Sullivan			***805-650-1642***
Requested Completion Date			Laboratory Contact
			John Yokoyama
			jgyokoyama@aaclab.com

Station Number	Date	Time	COMP	GRAB	Sample ID Number	# OF CONTAINERS	Sample Container: Bag	Can	Tube	SCAQMD Method 307-91	Analysis Requested	Field H2S (ppmv)	Remarks
	3/20/2026	1007		x	S- 501 a/b 87802 87803	2	X			X			
	3/20/2026	1007		x	S- 502 a/b 87804 87805	2	X			X			
959	3/20/2026	~~959~~		x	S- 503 a/b 87806 87807	2	X			X			
	3/20/2026	954		x	S- 504 a/b 87808 87809	2	X			X			
	3/20/2026	1115		x	S- 505 a/b 87810 87811	2	X			X			
	3/20/2026	1112		x	S- 506 a/b 87812 87813	2	X			X			
	3/20/2026	1119		x	S- 507 a/b 87814 87815	2	X			X			
	3/20/2026	1105		x	S- 508 a/b 87816 87817	2	X			X			
	3/20/2026	1109		x	S- 509 a/b 87818 87819	2	X			X			
	3/20/2026	1142		x	S- 510 a/b 87820 87821	2	X			X			
	~~3/20/2026~~			x	~~S- 511 a/b~~	2	X			X			
	3/20/2026			x	S- 512 a/b	2	X			X			
	3/20/2026			x	S- 513 a/b	2	X			X			
	3/20/2026			x	S- 514 a/b	2	X			X			

Sampler	Date/Time	Relinquished by	Date/Time	HAZWRAP/NEESA Y N
	3/20/26 1200	3/20/26 1200		QC Level 1 2 3
Recieved by	Date/Time	Relinquished by	Date/Time	COC / Ice
				Ana Req / Temp ***AMB***
Recieved by	Date/Time	Relinquished by	Date/Time	Cust Seal / pH
				Sample Condition
Recieved by Laboratory	Date/Time	Sample Shipped Via	Air Bill No.	
	3/20/26 1256	UPS FEDEX BUS Hand Other		

Remarks

File: Sulfur Forms.xlsb Form: Sulfur COC D5

CE Schmidt, Ph.D.
Environmental Consultant
Confidential Attorney Client Privileged Communication and Attorney Work Product

ATTACHMENT D

CALIBRATION DATA

19200 Live Oak Road Red Bluff, CA 96080 (530) 529-4256 Fax- 4878

Making our world more productive

Linde Gas & Equipment Inc.
ISO 9001 Registered
37256 Highway 30
Geismar, LA 70734
Tel: 225-677-7700
Fax: 225-673-3531

Customer & Order Information:

CE SCHMIDT
19200 LIVE OAK RD,
RED BLUFF, CA 96080-9248

Linde Order Number: **50196342**
Customer PO Number: **VERBAL CHUCK**

Certificate Issuance Date: **1/7/2026**
Revision Number: **0**
Certification Date: **1/7/2026**
Lot Number: **70340 6002 7F**
Part Number: **AI EF.2MC-AS**
DocNumber: **883629**
Expiration Date: **1/6/2028**

CERTIFICATE OF ANALYSIS

Certified Standard

Component	Requested Concentration (Molar)	Certified Concentration (Molar)	Analytical Reference	Analytical Uncertainty
1,1-Difluoroethane	**0.2 ppm**	**0.214 ppm**	**1**	**± 5 %**
Air	**99.99998 %**	**99.9999786 %**	**2**	**N/A**

Cylinder Style: **AS**
Cylinder Pressure @ 70 F: **2000 psig**
Cylinder Volume: **147 ft3**
Valve Outlet Connection: **CGA 590**
Cylinder Number(s): **CC340503**

Fill Date: **1/2/2026**
Analysis Date: **1/6/2026**

Filling Method: **Gravimetric**

Analyst: **Ciara Cambre** **1/7/2026**

QA Reviewer: **Ronnie Popularas** **1/7/2026**

Key to Analytical Techniques:

Reference	Analytical Instrument - Analytical Principle
1	Agilent 8890 - Gas Chromatography with FID
2	N/A - By Difference of Other Components

The gas calibration cylinder standard prepared by Linde Gas & Equipment Inc. is considered a certified standard. It is prepared by gravimetric, volumetric, or partial pressure techniques. The calibration standard provided is certified against Linde Gas & Equipment Inc. Reference Materials which are traceable to the International System of Units (SI) through either weights traceable to the National Institute of Standards and Technology (NIST) or Measurement Canada, or through NIST Standard Reference Materials or equivalent where available.

Note: All expressions for concentration (e.g., % or ppm) are for gas phase, by mole unless otherwise noted. Analytical uncertainty is expressed as a Relative % unless otherwise noted.

IMPORTANT
The information contained herein has been prepared at your request by personnel within Linde Gas & Equipment Inc. While we believe the information is accurate within the limits of the analytical methods employed and is complete to the extent of the specific analyses performed, we make no warranty or representation as to the suitability of the use of the information for any particular purpose. The information is offered with the understanding that any use of the information is at the sole discretion and risk of the user. In no event shall liability of Linde Gas & Equipment Inc. arising out of the use of the information contained herein exceed the fee established for providing such information.

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Linde Gas & Equipment Inc.
ISO 9001 Registered
37256 Highway 30
Geismar, LA 70734
Tel: 225-677-7700
Fax: 225-673-3531

Customer & Order Information:

CE SCHMIDT
19200 LIVE OAK RD,
RED BLUFF, CA 96080-9248

Linde Order Number: **50196342**
Customer PO Number: **VERBAL CHUCK**

Certificate Issuance Date: **1/7/2026**
Revision Number: **0**
Certification Date: **1/7/2026**
Lot Number: **70340 6002 7C**
Part Number: **AI EF.2MC-AS**
DocNumber: **883625**
Expiration Date: **1/6/2028**

CERTIFICATE OF ANALYSIS

Certified Standard

Component	Requested Concentration (Molar)	Certified Concentration (Molar)	Analytical Reference	Analytical Uncertainty
1,1-Difluoroethane	**0.2 ppm**	**0.206 ppm**	**1**	**± 5 %**
Air	**99.99998 %**	**99.9999794 %**	**2**	**N/A**

Cylinder Style: **AS**
Cylinder Pressure @ 70 F: **2000 psig**
Cylinder Volume: **146 ft3**
Valve Outlet Connection: **CGA 590**
Cylinder Number(s): **CC74765**

Fill Date: **1/2/2026**
Analysis Date: **1/6/2026**

Filling Method: **Gravimetric**

Analyst: **Clara Cambre** — **1/7/2026**

QA Reviewer: **Ronnie Popularas** — **1/7/2026**

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Reference	Analytical Instrument - Analytical Principle
1	Agilent 8890 - Gas Chromatography with FID
2	N/A - By Difference of Other Components

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37256 Highway 30
Geismar, LA 70734
Tel: 225-677-7700
Fax: 225-673-3531

Customer & Order Information:

CE SCHMIDT
19200 LIVE OAK RD,
RED BLUFF, CA 96080-9248

Linde Order Number: **50196342**
Customer PO Number: **VERBAL CHUCK**

Certificate Issuance Date: **1/7/2026**
Revision Number: **0**
Certification Date: **1/7/2026**
Lot Number: **70340 6002 7E**
Part Number: **AI EF.2MC-AS**
DocNumber: **883630**
Expiration Date: **1/6/2028**

CERTIFICATE OF ANALYSIS

Certified Standard

Component	Requested Concentration (Molar)	Certified Concentration (Molar)	Analytical Reference	Analytical Uncertainty
1,1-Difluoroethane	**0.2 ppm**	**0.212 ppm**	**1**	**± 5 %**
Air	**99.99998 %**	**99.9999788 %**	**2**	**N/A**

Cylinder Style: **AS**
Cylinder Pressure @ 70 F: **2000 psig**
Cylinder Volume: **147 ft3**
Valve Outlet Connection: **CGA 590**
Cylinder Number(s): **CC90168**

Fill Date: **1/2/2026**
Analysis Date: **1/6/2026**

Filling Method: **Gravimetric**

Analyst: **Clara Cambre** **1/7/2026**

QA Reviewer: **Ronnie Popularas** **1/7/2026**

Key to Analytical Techniques:

Reference	Analytical Instrument - Analytical Principle
1	Agilent 8890 - Gas Chromatography with FID
2	N/A - By Difference of Other Components

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37256 Highway 30
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Tel: 225-677-7700
Fax: 225-673-3531

Customer & Order Information:

CE SCHMIDT
19200 LIVE OAK RD,
RED BLUFF, CA 96080-9248

Linde Order Number: **50196342**
Customer PO Number: **VERBAL CHUCK**

Certificate Issuance Date: **1/7/2026**
Revision Number: **0**
Certification Date: **1/7/2026**
Lot Number: **70340 6002 7B**
Part Number: **AI EF.2MC-AS**
DocNumber: **883620**
Expiration Date: **1/6/2028**

CERTIFICATE OF ANALYSIS

Certified Standard

Component	Requested Concentration (Molar)	Certified Concentration (Molar)	Analytical Reference	Analytical Uncertainty
1,1-Difluoroethane	**0.2 ppm**	**0.211 ppm**	**1**	**± 5 %**
Air	**99.99998 %**	**99.9999789 %**	**2**	**N/A**

Cylinder Style: **AS**
Cylinder Pressure @ 70 F: **2000 psig**
Cylinder Volume: **147 ft3**
Valve Outlet Connection: **CGA 590**
Cylinder Number(s): **CC174751**

Fill Date: **1/2/2026**
Analysis Date: **1/6/2026**

Filling Method: **Gravimetric**

Analyst: **Ciara Cambre** **1/7/2026**

QA Reviewer: **Ronnie Popularas** **1/7/2026**

Key to Analytical Techniques:

Reference	Analytical Instrument - Analytical Principle
1	Agilent 8890 - Gas Chromatography with FID
2	N/A - By Difference of Other Components

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EQUIPCO
RENTALS SALES SERVICE

2100 Meridian Park Boulevard, Concord, CA 94520
1-888-234-5678 equipcoservices.com

ARIZONA INSTRUMENT JEROME 631-X
CERTIFICATE OF CALIBRATION VERIFICATION

RENTAL ID: 631X.03

SERIAL NUMBER: 1462

Verification Device Instrumentation:

Metronics DynaCal Permeation Device, Total Rate: 265.50 ng/min ±1.41% @ 30°C

Serial No. 59-57787 **CAS#** 7783-06-4

VICI Metronics DynaCalibrator Model 505-18-R-N

Serial No. M-2741 **Cert#** 21-4055

CALIBRATION VERIFICATION DATA (Low Range)

Calibration Gas:		Tolerance:	631-X Response:	Pass or Fail:
ZERO:	0.00ppm H2S	±0.003 ppm	0 ppm H2S	PASS
RANGE 1:	0.03ppm H2S	±5%	0.03 ppm H2S	PASS
RANGE 2:	0.06 ppm H2S	±5%	0.06 ppm H2S	PASS
RANGE 3:	0.10 ppm H2S	±5%	0.12 ppm H2S	PASS

Calibrated By

03/11/2026
Calibration Date

EQUIPCO
RENTALS SALES SERVICE

2100 Meridian Park Boulevard, Concord, CA 94520
1-888-234-5678 equipcoservices.com

ARIZONA INSTRUMENT JEROME 631-X
CERTIFICATE OF CALIBRATION VERIFICATION

RENTAL ID: 631X.09

SERIAL NUMBER: 1392

Verification Device Instrumentation:

Metronics DynaCal Permeation Device, Total Rate: 265.50 ng/min ±1.41% @ 30°C

Serial No. 59-57787 **CAS#** 7783-06-4

VICI Metronics DynaCalibrator Model 505-18-R-N

Serial No. M-2741 **Cert#** 21-4055

CALIBRATION VERIFICATION DATA (Low Range)

Calibration Gas:		Tolerance:	631-X Response:	Pass or Fail:
ZERO:	0.00ppm H2S	±0.003 ppm	0 ppm H2S	PASS
RANGE 1:	0.03ppm H2S	±5%	0.03 ppm H2S	PASS
RANGE 2:	0.06 ppm H2S	±5%	0.06 ppm H2S	PASS
RANGE 3:	0.10 ppm H2S	±5%	0.13 ppm H2S	PASS

Calibrated By

03/11/2026
Calibration Date

REAL TIME INSTRUMENT CALIBRATION FORM

DATE 3/16/26 SAMPLERS CES

LOCATION CCLF DRIP #7

INSTRUMENT TYPE JG31 I.D. NO. 1392 TYPE _____ ID NO. _____

INSTRUMENT BASELINE 14030

PROJECT QC: BLANK DETERMINATION X PRE-USE SPAN CHECK X POST-USE SPAN CHECK X
AMBIENT CONCENTRATIONS _____

PRE-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE

INPUT ZERO AIR RESPONSE 0.000ppmv

SPAN GAS TYPE NA INPUT CONCENTRATION _____ RESPONSE _____

RECALIBRATION: YES _____ NO X

ACCEPANCE _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

COMMENT _____

POST-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE

INPUT ZERO AIR RESPONSE 0.003ppmv

SPAN GAS TYPE NA INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE OK

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

COMMENT _____

REAL TIME INSTRUMENT CALIBRATION FORM

DATE 3/16/26 SAMPLERS CES

LOCATION CCLF #7 TRIP #7

INSTRUMENT TYPE T631 I.D. NO. 1462 TYPE _____ ID NO. _____

INSTRUMENT BASELINE _____

PROJECT QC: BLANK DETERMINATION ☒ PRE-USE SPAN CHECK ☒ POST-USE SPAN CHECK ☐
AMBIENT CONCENTRATIONS _____

PRE-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE

INPUT ZERO AIR RESPONSE 0.000 ppmv

SPAN GAS TYPE NA INPUT CONCENTRATION _____ RESPONSE _____

RECALIBRATION: YES _____ NO X

ACCEPANCE _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

COMMENT _____

POST-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE

INPUT ZERO AIR RESPONSE 0.003 ppmv

SPAN GAS TYPE NA INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE OK

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

COMMENT _____

REAL TIME INSTRUMENT CALIBRATION FORM

DATE 3/16/26 SAMPLERS CES

LOCATION CCLF TRIP #7

INSTRUMENT TYPE MAST I.D. NO. CCS1 TYPE _____ ID NO. _____

INSTRUMENT BASELINE _____

PROJECT QC: BLANK DETERMINATION X PRE-USE SPAN CHECK X POST-USE SPAN CHECK X
AMBIENT CONCENTRATIONS _____

PRE-USE CALIBRATION: ZERO AIR RESPONSE AND SPAN GAS RESPONSE

0745

INPUT ZERO AIR RESPONSE 0.0 ppmv

SPAN GAS TYPE CH4 INPUT CONCENTRATION 100ppm RESPONSE 103 ppmv

RECALIBRATION: YES _____ NO _____

ACCEPANCE _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

COMMENT _____

POST-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE

1425

INPUT ZERO AIR RESPONSE 7.8 ppmv

SPAN GAS TYPE NA INPUT CONCENTRATION 100 ppmv RESPONSE 104 ppmv

ACCEPTANCE ✓ OK

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

COMMENT _____

REAL TIME INSTRUMENT CALIBRATION FORM

DATE 3/16/26 SAMPLERS CES

LOCATION CCLF Rd #7

INSTRUMENT TYPE TVA I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE 1000

PROJECT QC: BLANK DETERMINATION ☐ PRE-USE SPAN CHECK ☐ POST-USE SPAN CHECK ☐
AMBIENT CONCENTRATIONS _____

0746 **PRE-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE**

INPUT ZERO AIR RESPONSE 1.0 ppmv

SPAN GAS TYPE CH_4 INPUT CONCENTRATION 100 ppmv RESPONSE 103 ppmv

RECALIBRATION: YES _____ NO _____

ACCEPANCE _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

COMMENT _____

POST-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE

1430 INPUT ZERO AIR RESPONSE 5 ppmv

SPAN GAS TYPE CH_4 INPUT CONCENTRATION 100 ppmv RESPONSE 90 ppmv

ACCEPTANCE ✓ ok

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

COMMENT _____

REAL TIME INSTRUMENT CALIBRATION FORM

DATE 3/17/26 SAMPLERS CES

LOCATION CCLF #7

INSTRUMENT TYPE J631 I.D. NO. 14832 TYPE _____ ID NO. _____

INSTRUMENT BASELINE _____

PROJECT QC: BLANK DETERMINATION ☐ PRE-USE SPAN CHECK ☐ POST-USE SPAN CHECK ☐
AMBIENT CONCENTRATIONS _____

0907 **PRE-USE CALIBRATION: ZERO AIR RESPONSE AND SPAN GAS RESPONSE**

INPUT ZERO AIR RESPONSE 0.002 ppm

SPAN GAS TYPE NA INPUT CONCENTRATION _____ RESPONSE _____

RECALIBRATION: YES _____ NO ~~X~~

ACCEPANCE _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

COMMENT _____

POST-USE CALIBRATION: ZERO AIR RESPONSE AND SPAN GAS RESPONSE

1330 INPUT ZERO AIR RESPONSE 0.003 ppm

SPAN GAS TYPE NA INPUT CONCENTRATION N/A RESPONSE _____

ACCEPTANCE OK

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

COMMENT _____

REAL TIME INSTRUMENT CALIBRATION FORM

DATE 3/17/20 SAMPLERS CS

LOCATION CCLF #7

INSTRUMENT TYPE 631X I.D. NO. 1462 TYPE _____ ID NO. _____

INSTRUMENT BASELINE _____

PROJECT QC: BLANK DETERMINATION ☐ PRE-USE SPAN CHECK ☐ POST-USE SPAN CHECK ☐
AMBIENT CONCENTRATIONS _____

0910

PRE-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE

INPUT ZERO AIR RESPONSE 0.003 ppmv

SPAN GAS TYPE NA INPUT CONCENTRATION _____ RESPONSE _____

RECALIBRATION: YES _____ NO _____

ACCEPANCE _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

COMMENT _____

POST-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE

1311

INPUT ZERO AIR RESPONSE 0.004 ppmv

SPAN GAS TYPE NA INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE OK

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

COMMENT _____

REAL TIME INSTRUMENT CALIBRATION FORM

DATE 3/17/26 SAMPLERS CES

LOCATION CCLF #7

INSTRUMENT TYPE MICRO FID I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE _____

PROJECT QC: BLANK DETERMINATION ☐ PRE-USE SPAN CHECK ☐ POST-USE SPAN CHECK ☐
AMBIENT CONCENTRATIONS _____

0910 **PRE-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE**

INPUT ZERO AIR RESPONSE 0.0 ppmv

SPAN GAS TYPE CH_4 INPUT CONCENTRATION 100 ppmv RESPONSE 103 ppmv

RECALIBRATION: YES _____ NO X

ACCEPANCE OK

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

COMMENT _____

POST-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE

1330 INPUT ZERO AIR RESPONSE 7.4 ppmv

SPAN GAS TYPE CH_4 INPUT CONCENTRATION 100 ppmv RESPONSE 7.4 ppmv 105 ppmv

ACCEPTANCE OK

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

COMMENT _____

REAL TIME INSTRUMENT CALIBRATION FORM

DATE 3/17/26 SAMPLERS CES

LOCATION CCLF TRIP #7

INSTRUMENT TYPE TVA 1000 I.D. NO. 9250 TYPE _____ ID NO. _____

INSTRUMENT BASELINE _____

PROJECT QC: BLANK DETERMINATION ☐ PRE-USE SPAN CHECK ☐ POST-USE SPAN CHECK ☐
AMBIENT CONCENTRATIONS _____

0913 **PRE-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE**

INPUT ZERO AIR RESPONSE -3 ppmv

SPAN GAS TYPE 100 ppmv INPUT CONCENTRATION 100 ppmv RESPONSE 89 ppmv

RECALIBRATION: YES _____ NO X

ACCEPANCE _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

COMMENT _____

POST-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE

1330 INPUT ZERO AIR RESPONSE -3 ppmv

SPAN GAS TYPE CH4 INPUT CONCENTRATION 100 ppmv RESPONSE 91 ppmv

ACCEPTANCE OK

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

COMMENT _____

REAL TIME INSTRUMENT CALIBRATION FORM

DATE 3/18/26 SAMPLERS CBS

LOCATION CCLF #7

INSTRUMENT TYPE TB31X I.D. NO. 1462 TYPE _____ ID NO. _____

INSTRUMENT BASELINE _____

PROJECT QC: BLANK DETERMINATION ☐ PRE-USE SPAN CHECK ☐ POST-USE SPAN CHECK ☐
AMBIENT CONCENTRATIONS _____

0904

PRE-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE

INPUT ZERO AIR RESPONSE 0.000 ppmv

SPAN GAS TYPE NA Bute INPUT CONCENTRATION _____ RESPONSE _____

RECALIBRATION: YES _____ NO _____

ACCEPANCE _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

COMMENT _____

POST-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE

1300

INPUT ZERO AIR RESPONSE 0.006 ppmv

SPAN GAS TYPE VHP INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE ✓ OK

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

COMMENT _____

REAL TIME INSTRUMENT CALIBRATION FORM

DATE 3/18/26 SAMPLERS CS

LOCATION CCCF #7

INSTRUMENT TYPE JB3X I.D. NO. 14380 TYPE _____ ID NO. _____

INSTRUMENT BASELINE _____

PROJECT QC: BLANK DETERMINATION ☐ PRE-USE SPAN CHECK ☐ POST-USE SPAN CHECK ☐
AMBIENT CONCENTRATIONS _____

0909

PRE-USE CALIBRATION: ZERO AIR RESPONSE AND SPAN GAS RESPONSE

INPUT ZERO AIR RESPONSE 0.000 ppmv

SPAN GAS TYPE NA PURE INPUT CONCENTRATION _____ RESPONSE _____

RECALIBRATION: YES _____ NO _____

ACCEPANCE _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

COMMENT _____

POST-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE

1300

INPUT ZERO AIR RESPONSE 0.006 ppmv

SPAN GAS TYPE UHP AIR INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

COMMENT _____

REAL TIME INSTRUMENT CALIBRATION FORM

DATE 3/18/26 SAMPLERS CES

LOCATION CCLF #7

INSTRUMENT TYPE TVA 1000 I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE _____

PROJECT QC: BLANK DETERMINATION ☐ PRE-USE SPAN CHECK ☐ POST-USE SPAN CHECK ☐
AMBIENT CONCENTRATIONS _____

0904

PRE-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE

INPUT ZERO AIR RESPONSE 4 ppmv

SPAN GAS TYPE CH4 INPUT CONCENTRATION 100 ppmv RESPONSE 83 ppmv

RECALIBRATION: YES _____ NO X

ACCEPANCE OK

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE ~~87 p~~

ACCEPTANCE _____

COMMENT _____

1350

POST-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE

INPUT ZERO AIR RESPONSE -2 ppmv

SPAN GAS TYPE CH4 INPUT CONCENTRATION 100 ppmv RESPONSE 87 ppmv

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

COMMENT _____

REAL TIME INSTRUMENT CALIBRATION FORM

DATE 3/18/26 SAMPLERS CES

LOCATION CCLF #7

INSTRUMENT TYPE MIROFID I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE _____

PROJECT QC: BLANK DETERMINATION ☐ PRE-USE SPAN CHECK ☐ POST-USE SPAN CHECK ☐
AMBIENT CONCENTRATIONS _____

0904 **PRE-USE CALIBRATION: ZERO AIR RESPONSE AND SPAN GAS RESPONSE**

INPUT ZERO AIR RESPONSE 0.0 PPMV

SPAN GAS TYPE UHP / CH4 INPUT CONCENTRATION 100 PPMV RESPONSE 91 PPMV

RECALIBRATION: YES _____ NO _____

ACCEPANCE _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

COMMENT _____

POST-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE

1302 INPUT ZERO AIR RESPONSE _____

SPAN GAS TYPE CH4 INPUT CONCENTRATION _____ RESPONSE 107 PPMV

ACCEPTANCE ✓ OK

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

COMMENT _____

REAL TIME INSTRUMENT CALIBRATION FORM

DATE 3/19/26 SAMPLERS CS

LOCATION CCLF #7

INSTRUMENT TYPE TG31X I.D. NO. 1462 TYPE _____ ID NO. _____

INSTRUMENT BASELINE _____

PROJECT QC: BLANK DETERMINATION ☐ PRE-USE SPAN CHECK ☐ POST-USE SPAN CHECK ☐
AMBIENT CONCENTRATIONS _____

PRE-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE

0837 INPUT ZERO AIR RESPONSE 0.000 ppmv

SPAN GAS TYPE VHP INPUT CONCENTRATION _____ RESPONSE _____

RECALIBRATION: YES _____ NO X

ACCEPANCE ✓ OK

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

COMMENT _____

POST-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE

830 INPUT ZERO AIR RESPONSE 0.004 ppmv

SPAN GAS TYPE VHP ✓ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE ✓

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

COMMENT _____

REAL TIME INSTRUMENT CALIBRATION FORM

DATE 3/29/26 SAMPLERS CRS

LOCATION CCLF #-7

INSTRUMENT TYPE T631X I.D. NO. 14030 TYPE _____ ID NO. _____

INSTRUMENT BASELINE _____

PROJECT QC: BLANK DETERMINATION ☐ PRE-USE SPAN CHECK ☐ POST-USE SPAN CHECK ☐
AMBIENT CONCENTRATIONS _____

0832 **PRE-USE CALIBRATION: ZERO AIR RESPONSE AND SPAN GAS RESPONSE**

INPUT ZERO AIR RESPONSE 0.000 ppm

SPAN GAS TYPE UHP INPUT CONCENTRATION _____ RESPONSE _____

RECALIBRATION: YES _____ NO _____

ACCEPANCE OK

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

COMMENT _____

POST-USE CALIBRATION: ZERO AIR RESPONSE AND SPAN GAS RESPONSE

1300 INPUT ZERO AIR RESPONSE 0.000 ppm

SPAN GAS TYPE UHP INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE ✓

RECALIBRATION: YES _____ NO X

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

COMMENT _____

REAL TIME INSTRUMENT CALIBRATION FORM

DATE 3/19/26 SAMPLERS CRS

LOCATION CCLF #1

INSTRUMENT TYPE TVA 1000 I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE _____

PROJECT QC: BLANK DETERMINATION ☐ PRE-USE SPAN CHECK ☐ POST-USE SPAN CHECK ☐
AMBIENT CONCENTRATIONS _____

0835

PRE-USE CALIBRATION: ZERO AIR RESPONSE AND SPAN GAS RESPONSE

INPUT ZERO AIR RESPONSE 2 ppmv

SPAN GAS TYPE CH4 INPUT CONCENTRATION 100 ppmv RESPONSE 90 ppmv

RECALIBRATION: YES _____ NO _____

ACCEPANCE OK

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

COMMENT _____

POST-USE CALIBRATION: ZERO AIR RESPONSE AND SPAN GAS RESPONSE

1300

INPUT ZERO AIR RESPONSE 2 ppmv

SPAN GAS TYPE CH4 INPUT CONCENTRATION 100 ppmv RESPONSE 90 ppmv

ACCEPTANCE ✓

RECALIBRATION: YES _____ NO X

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

COMMENT _____

REAL TIME INSTRUMENT CALIBRATION FORM

DATE 3/19/26 SAMPLERS CLS

LOCATION CCLF #7

INSTRUMENT TYPE MFD I.D. NO. 1312 TYPE _____ ID NO. _____

INSTRUMENT BASELINE _____

PROJECT QC: BLANK DETERMINATION ☐ PRE-USE SPAN CHECK ☒ POST-USE SPAN CHECK ☒

AMBIENT CONCENTRATIONS _____

0832

PRE-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE

INPUT ZERO AIR RESPONSE 0.0 ppmv

SPAN GAS TYPE CH4 INPUT CONCENTRATION 100 ppmv RESPONSE 102 ppmv

RECALIBRATION: YES _____ NO X

ACCEPANCE OK

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE 104

ACCEPTANCE _____

1300

COMMENT _____

POST-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE

INPUT ZERO AIR RESPONSE 15 ppmv

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE 104 ppmv

ACCEPTANCE INSTRUM TOO HOT ; 97°F ; HIGH ZERO OK SPAN

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

COMMENT _____

REAL TIME INSTRUMENT CALIBRATION FORM

DATE 3/20/26 SAMPLERS CES

LOCATION CCLF #7

INSTRUMENT TYPE J631 I.D. NO. 14830 TYPE _____ ID NO. _____

INSTRUMENT BASELINE _____

PROJECT QC: BLANK DETERMINATION ☐ PRE-USE SPAN CHECK ☐ POST-USE SPAN CHECK ☐
AMBIENT CONCENTRATIONS _____

0852 **PRE-USE CALIBRATION: ZERO AIR RESPONSE AND SPAN GAS RESPONSE**

INPUT ZERO AIR RESPONSE 0.000 ppm

SPAN GAS TYPE VHP INPUT CONCENTRATION _____ RESPONSE _____

RECALIBRATION: YES _____ NO X

ACCEPANCE _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

COMMENT _____

POST-USE CALIBRATION: ZERO AIR RESPONSE AND SPAN GAS RESPONSE

1357 INPUT ZERO AIR RESPONSE 0.000 ppm

SPAN GAS TYPE VHP INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE OK

RECALIBRATION: YES _____ NO X

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

COMMENT _____

REAL TIME INSTRUMENT CALIBRATION FORM

DATE 3/20/26 SAMPLERS CES

LOCATION CCLF #7

INSTRUMENT TYPE J631 I.D. NO. 1462 TYPE _____ ID NO. _____

INSTRUMENT BASELINE _____

PROJECT QC: BLANK DETERMINATION ☐ PRE-USE SPAN CHECK ☐ POST-USE SPAN CHECK ☐
AMBIENT CONCENTRATIONS _____

0855

PRE-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE

INPUT ZERO AIR RESPONSE 0.005 ppm

SPAN GAS TYPE UHP INPUT CONCENTRATION _____ RESPONSE _____

RECALIBRATION: YES _____ NO X

ACCEPANCE ✓ OK

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

COMMENT _____

POST-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE

1136

INPUT ZERO AIR RESPONSE 0.003 ppm

SPAN GAS TYPE UHP ✓ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

COMMENT _____

REAL TIME INSTRUMENT CALIBRATION FORM

DATE 3/20/26 SAMPLERS LES

LOCATION CCLF #7

INSTRUMENT TYPE TVA 1000 I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE _____

PROJECT QC: BLANK DETERMINATION ☐ PRE-USE SPAN CHECK ☐ POST-USE SPAN CHECK ☐
AMBIENT CONCENTRATIONS _____

PRE-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE

0853 INPUT ZERO AIR RESPONSE -4 PPMV

SPAN GAS TYPE CH4 INPUT CONCENTRATION 100 PPMV RESPONSE 86 PPMV

RECALIBRATION: YES _____ NO X

ACCEPANCE OK

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

COMMENT _____

POST-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE

1440 INPUT ZERO AIR RESPONSE -3.8 PPMV

SPAN GAS TYPE CH4 INPUT CONCENTRATION 100 PPMV RESPONSE 85 PPMV

ACCEPTANCE V

RECALIBRATION: YES _____ NO X

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

COMMENT _____

REAL TIME INSTRUMENT CALIBRATION FORM

DATE 3/20/26 SAMPLERS CES

LOCATION CCLF #7

INSTRUMENT TYPE MFID I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE _____

PROJECT QC: BLANK DETERMINATION ☐ PRE-USE SPAN CHECK ☐ POST-USE SPAN CHECK ☐
AMBIENT CONCENTRATIONS _____

0854

PRE-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE

INPUT ZERO AIR RESPONSE 0.0 ppmv

SPAN GAS TYPE CH_4 INPUT CONCENTRATION 100 ppmv RESPONSE 99 ppmv

RECALIBRATION: YES _____ NO X

ACCEPANCE OK ✓

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

COMMENT _____

POST-USE CALIBRATION; ZERO AIR RESPONSE AND SPAN GAS RESPONSE

INPUT ZERO AIR RESPONSE 6.4 ppmv HOT!

1135 SPAN GAS TYPE CH_4 INPUT CONCENTRATION 102 ppmv RESPONSE 99.7 ppmv

ACCEPTANCE ✓ OK

RECALIBRATION: YES _____ NO X

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

INPUT- ZERO AIR RESPONSE _____

SPAN GAS TYPE _____ INPUT CONCENTRATION _____ RESPONSE _____

ACCEPTANCE _____

RECALIBRATION: YES _____ NO _____

COMMENT _____

Attachment 2
Source Test Protocol

Chiquita Canyon Landfill
Castaic, California

Post Remediation Assessment of Air Emissions From Landfill Surfaces



Sampling Protocol

Revision 1

February 2026

Prepared by

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1. Technical Memorandum

1. Revision History

This protocol was first produced in 2023. Since then, several modifications have been incorporated by addenda, including the following:

- Addendum No. 1, dated December 30, 2024.
- Addendum No. 2, dated April 14, 2025.
- Addendum No. 3, dated June 25, 2025.

This Revision No. 1 incorporates the previous addenda as well as adds new scope changes discussed at the meeting between Chiquita and SCAQMD staff on January 30, 2026. This section identifies all significant changes to the original 2023 document, as follows:

1. Landfill Surface Nomenclature (p. 1) has been changed to include membranes and membrane/soil interface. Due to onsite mitigation, the source categories are now: Landfill with Soil Covered Area, Membrane Covered Area, and Exceedance Area.
2. Odor assessment has been removed.
3. TO-14 analysis has been added.
4. USEPA Contract Laboratory Program Data Package (CLP) for TO-15 has been added.
5. The addition of 1,1 Difluoroethane (1,1-DFA) as a tracer for flow determination.
6. Scope (Table 3.1) has been changed to reflect the new number (4) of source categories.

2. Introduction

Landfill Surface Nomenclature

For the purposes of this protocol, the landfill surface was divided into the following areas:

Non-Reaction Area (Now Landfill with Soil Cover)

This is the portion of the Landfill that is not affected by the landfill reaction and that did not exceed the SCAQMD Rule 1150.1 integrated data limit of 25 parts per million by volume (ppmv) on the most recent SEM (surface emissions monitoring) event. As of March 2026, this area will be designated as “Landfill with Soil Cover”.

Reaction Area

This is the portion of the Landfill designated as being affected by the landfill reaction and that did not exceed the SCAQMD Rule 1150.1 integrated data limit on the most recent SEM event. As of March 2026, there will be no reaction area not covered by polymer membrane; therefore, this will no longer be a separate source category.

Membrane Covered Area

This was previously a subset of the Reaction Area that is covered with a HDPE membrane per Photo 2.1. As of March 2026, this will include the entire Reaction Area as well as portions of the non-reaction area that are covered by membrane.

Photo 2.1 Flux Chamber on Membrane Covering Portion of Landfill.



Membrane/Soil Cover Interface Area

These are the SEM Grid Cells that have partial soil cover and partial HDPE membrane cover.

Exceedance Area

This is the portion of the Landfill that was designated as being affected by the landfill reaction and that exceeded the SCAQMD Rule 1150.1 integrated data limit on the most recent SEM event. This portion of the Landfill was considered separately to assess any impact that the grid cells that exceeded the Rule 1150.1 integrated data criteria would have on total site surface emissions. Note that these grid cells are subject to a strict remediation schedule, so any emissions from these cells, over and above those from a reaction area cell not in exceedance, would be a temporary phenomenon.

Background

The Chiquita Canyon Landfill (CCL) is a municipal solid waste (MSW) landfill located in northern Los Angeles County. An area of the Landfill has experienced elevated gas temperatures and surface subsidence, with accompanying elevated gas generation, due to a subsurface reaction..

In accordance with Condition 12.d of the Stipulated Order for Abatement (SOFA) (Case No. 6177-4) between the South Coast Air Quality Management District (SCAQMD) and Chiquita Canyon, LLC, CCL is required to conduct additional flux chamber studies as a follow-up to a flux chamber study previously completed under the direction of the Los Angeles County Department of Public health, which was submitted to the SCAQMD by October 31, 2023. Procedures for this study, as detailed in the SOFA, are provided below.

> *Respondent has conducted an initial flux chamber study pursuant to the direction of the Los Angeles County Department of Public Health. Respondent shall conduct landfill gas flux studies for, at a minimum, methane, non-methane organic compounds ("NMOC"), speciated hydrocarbons (C2-C12), toxic air contaminants (TAC) analyzed by EPA Method TO-15 (including acrolein and additionally at least the ten highest concentration tentatively identified compounds), total reduced sulfur ("TRS"), and speciated sulfur compounds to determine the surface flux throughout the landfill starting with Quarter Four 2024 and once every four months thereafter. The studies shall be conducted through the use of dynamic flux chambers oriented at various locations throughout the landfill site, according to a South Coast AQMD approved protocol. Respondent shall prepare a proposed protocol(s) for the studies and shall submit the protocol(s) to South Coast AQMD [Baitong Chen, Air Quality Engineer, (bchen@aqmd.gov); Nathaniel Dickel, Senior Air Quality Engineer, (ndickel@aqmd.gov), and Christina Ojeda, Air Quality Inspector, (cojeda@aqmd.gov)] for review and approval at least 75 days prior to the start of the month in which the test is planned, unless otherwise approved in writing by South Coast AQMD. A previous flux study protocol, reviewed and approved by South Coast AQMD, may be used if the proposed testing will follow all aspects of the prior South Coast AQMD approved protocol, with the exception*

of the testing/sampling locations on site. Reports detailing the operational conditions, methodology, quantity of tests and locations, sampling location determination, sampling results, data analysis, emission results, discussion of the results, and comparison of previous flux chamber test results to the current results shall be submitted by no later than 45 days after the end of the month during which a test was conducted, or no later than 90 days after South Coast AQMD approves the protocol, whichever is later, to South Coast AQMD [Baitong Chen, Air Quality Engineer, (bchen@aqmd.gov); Nathaniel Dickel, Senior Air Quality Engineer, (ndickel@aqmd.gov), and Christina Ojeda, Air Quality Inspector, (cojeda@aqmd.gov)], unless otherwise approved in writing by South Coast AQMD. The initial flux study report, covering the flux study for the fourth quarter of year 2024, shall be submitted earlier than the schedule indicated above, by January 15, 2025 to South Coast AQMD [Baitong Chen, Air Quality Engineer, (bchen@aqmd.gov); Nathaniel Dickel, Senior Air Quality Engineer, (ndickel@aqmd.gov), and Christina Ojeda, Air Quality Inspector, (cojeda@aqmd.gov)], unless otherwise approved in writing by South Coast AQMD. Respondent shall provide notice of the test date for each test to South Coast AQMD [Baitong Chen, Air Quality Engineer, (bchen@aqmd.gov); Nathaniel Dickel, Senior Air Quality Engineer, (ndickel@aqmd.gov), and Christina Ojeda, Air Quality Inspector, (cojeda@aqmd.gov)] at least 14 days prior to the scheduled test.

This test protocol is intended to address the requirements in the SOFA as well as provide an emissions assessment to determine the landfill emissions of toxic and odorous substances in the *as is* condition ***post remediation***, for both the "non reaction area" and "reaction area," which is now covered with a membrane. This testing is termed "post remediation" because significant site improvements have occurred to exceedance areas since the last test was completed (and will continue to occur up until the date this testing occurs), which are expected to reduce surface emissions of LFG. Note that testing of the prior affected areas of the landfill will be conducted in the historic footprint of those portions of the landfill that experienced the effect of the subsurface reaction known as the reaction area.

Regarding the testing technologies to be used for the post-remediation testing event, as with the prior studies, the U.S. Environmental Protection Agency (USEPA) surface emission isolation flux chamber (flux chamber) technology will be used. This preferred USEPA technology as modified and described by SCAQMD Rule 1133.3, Attachment A, is a dynamic chamber method for direct measurement on advective area sources. This approach is further described in Section 5.

In addition, data will be collected that will allow for the accurate estimation of past and future emissions based on past and future SEM events.

Site Location

The test site, Chiquita Canyon Landfill, 29201 Henry Mayo Drive, Castaic, California, 91384.

Figure 2.1 –Site Location Map.



Objectives

The objective of this Emission Assessment is to quantify by field measurement, the air emissions of odorous chemicals, fixed gases (including methane, carbon dioxide, nitrogen, and carbon monoxide), reduced sulfur compounds, and speciated volatile organic compounds (VOC's) from the active and non-active landfill areas post remedial activities conducted at the landfill. The air emissions will be directly measured using the USEPA Surface Emission Isolation Flux Chamber (flux chamber) following the USEPA User's Guidance document. Whole air samples will be collected from the flux chamber by lined Summa® canister and Tedlar® bag with analysis by

- ASTM D-1945/USEPA Method 3C for fixed gases (including methane, carbon dioxide, hydrogen, and carbon monoxide; as well as Helium when used as a tracer),
- USEPA Method TO-15 (MS) for 1-1-DFA (trace gas added for advective flow determination),
- SCAQMD Method 307-91 for organic reduced sulfur (ORS),
- USEPA Method TO-14/15 for speciated VOCs (including toxic air contaminants), and
- USEPA Method TO-12 for total non-methane VOC.

Testing will be conducted for the post-remediation condition as was done before using the same sampling (USEPA dynamic flux chamber technology) as described in the SCAQMD Rule 1133.3, Attachment A, for advective flow area sources.

Facility Description

Chiquita Canyon Landfill is an inactive MSW disposal facility.

3. Sampling Scope

This project is focused on the assessment of air emissions from the landfill disposal unit, including the soil covered area, the membrane covered area, and exceedance area post-remediation of the landfill. Each landfill area will be tested using the flux chamber technology.

The landfill fugitive emissions testing will be conducted by utilizing existing SEM screening data on the landfill surface and then conducting flux chamber testing on selected grids within the landfill cells based on emission potential, as shown by the SEM data. The grid cells selected for testing will depend on the screening levels based on monitoring data. In addition, data will be taken from out-of-compliance grids to determine the impact of exceedance cells on site air emissions.

The proposed scope of work for the landfill assessment for the purpose of determining representative emissions is given below in Table 3.1.

The product of the measurement program, which is based on the screening or monitoring data for air emission potential, is an average flux of NMOC/Sulfur/speciated VOC/TAC emissions per category of grid cell. These grid cell flux data multiplied by the number of grid cells in these categories when summed, will represent the air emissions of compounds from the landfill.

Table 3.1 Landfill Emissions Flux Chamber Testing Scope.

SOURCE	Flux Chamber Tests	TAC/Fixed Gas/VOC Sampling	Comment
Soil Covered Landfill Surfaces			
High Emission Category Grid Cell	4	4	Samples distributed within levels of emission potential within category of grid cell
Mid Emission Category Grid Cell	4	4	Samples distributed within levels of emission potential within category of grid cell
Second Mid	4	4	
Low Emission Category Grid Cell	4	4	Samples distributed within levels of emission potential within category of grid cell
Membrane Covered Landfill Surfaces			
High Emission Category Grid Cell	4	4	Samples distributed within levels of emission potential within category of grid cell
Mid Emission Category Grid Cell	4	4	Samples distributed within levels of emission potential within category of grid cell
Second Mid	4	4	
Low Emission Category Grid Cell	4	4	Samples distributed within levels of emission potential within category of grid cell
Exceedance Area Testing			
Intent to quantify difference in grid testing	4	4	Samples taken at same or distributed within levels of emission potential within category of grid cell
INTERFACE AREA			
High Emission Category Grid Cell	4	4	Samples distributed within levels of emission potential within category of grid cell
Mid Emission Category Grid Cell	4	4	Samples distributed within levels of emission potential within category of grid cell
Second Mid	4	4	
Low Emission Category Grid Cell	4	4	Samples distributed within levels of emission potential within category of grid cell
QC Blank Samples		5	Minimum of 5% Blank Samples
QC Replicate Samples		5	Minimum of 5% Blank Samples
Total	52	62	

4. Quality Control

Quality control (QC) procedures that are used to assure data quality from flux chamber measurement are listed and described below. USEPA recommends no specific QC requirements except that a flow meter is used to introduce the sweep air at rate of 5.0 liters per minute (l/min), which requires calibration (i.e., multiple trials at single point of use calibration using a primary standard current for the year). The rotometer used as part of the emission measurement test should not be used for other applications, insuring the clean operation of the air introduction system. Operation of the chamber should follow the specific protocol for use described in the USEPA User's Guide. This includes using a 5.0 l/min sweep airflow rate and allowing for five residence times to achieve equilibration prior to sample collection. Other sampling quality control procedures are listed below.

- Media Blank Sample -- A media blank sample is obtained by filling sampling media with ultra high purity air, water, or impinger solution in the field, and handling the media blank samples as field samples. The frequency of media blank samples is a minimum of 5%, or one per trip. Media blank samples will be collected daily, and these data will be used to establish the system baseline.

- Replicate Sample -- Determine sample precision by collecting a replicate sample immediately after a sample is collected and analyzing both the field sample and the field replicate sample. The frequency of replicate sample collection will be a minimum of 5%; a replicate sample will be collected daily. The criteria for acceptable field precision is ±50% relative percent difference (RPD).

- Specific Method Performance -- Specific method QC is conducted as per analytical method requirements. This includes laboratory blanks, species recovery, and adherence to other method performance objectives such as calibration and retention time identifications. The laboratories will follow the method QA requirements for all listed methods.

- Sample Management -- Sample management is defined by the specific sampling method used to satisfy the program objectives. Sample management typically includes all activities involving the recording, preserving, storing, handling, and shipping of the field samples. A summary of the sample management information for the proposed field measurement activities is given in Tables 4.1 and 4.2.

Table 4.1 Summary of Sample Management Information

Analytical Method	Sample Container	Hold Time	Preservation	Special Considerations	Comment
USEPA Method TO-15/ TO-14/TO-12	6-Liter Canister	28-days	None	Ship in Cardboard	None
SCAQMD 307-91	1-Liter Tedlar® Bag	24 hours	None	Ship in Cardboard	None
ASTM D-1945/USEPA Method 3C	6-Liter Canister	30-days	None	Ship in Cardboard	None

Data qualifiers that will be used to assist in data usage include:

- J-estimated value or below method reporting limit (MRL);
- B-value found in blank sample and baseline corrected; and
- E-value found at level that exceeds calibration range.

Laboratory recovery and precision data, as well as field precision data, will be used to qualify data usage for the site flux chamber program.

Field QC Summary

The field QC activities scheduled for the field testing are summarized in Table 4.2. Deviation in schedule or frequency of QC activities will require corrective action, including documentation of corrective action in the field notebook and notifying a SCS project manager of the deviation and corrective action.

Table 4.2. Summary of Field Quality Control Information

Sampling Method	Activity	Frequency	Criteria	Comment
Flux Chamber	Rotometer Single-Point Calib.	Once per year	Define Rotometer Setting	None
Field Blank	All media	Minimum of 5%	None	Use As Baseline Data
Replicate Sample	All media	Minimum of 5%	± 50% RPD	Qualify Exceedances

5. Sampling Strategy

Selection of Sampling Locations

Sample locations will be selected based on data obtained from landfill gas screening per the SCAQMD Rule 1150.1 SEM program. The SCAQMD protocol is based on surveying the landfill surface on a track using a field portable, calibrated instrument sensitive to methane and total non-methane hydrocarbon (TNMHC). Using this methodology, locations will be selected for flux chamber testing.

Test Cell Selection Methodology

The landfill fugitive emissions assessment will be conducted by analyzing the periodic SEM data. At this site, SEM events happen as often as every two weeks. The proposed scope of work for the landfill assessment includes the analysis of recent SEM events followed by the flux chamber testing described in Table 3.1.

The Rule 1150.1 SEM event requires an instrument fit with a flame ionization detector (FID) used along with global positioning system (GPS) location recording to map fugitive surface hydrocarbon concentrations following a pattern per each grid cells applied to the site. Concentration data and location information are collected and stored for ranking grid cells on the landfill. The target data set from the screening is both instantaneous fugitive concentration data determined by walking a trek across each landfill grid cell (25' spacing) and integrated concentration data per grid cell with each grid at approximately 50,000 square feet. The integrated grid cell data is used to 'rank' the grid cells into categories of high, medium, and low, and the instantaneous fugitive concentration data is used to select representative locations for flux chamber testing where flux data for VOCs/Sulfur/TACs will be collected. The flux from these cells will be used to estimate air emissions from entire surface of these cells.

The grid pattern over the landfill is shown in Figure 5.1. The average integrated data for each cell is accumulated to determine total emissions for the source-category group. It is then broken into three equal emission groups. The high group, medium group, and low group.

In addition to these cells, targeted by the integrated SEM values, a cell will be selected that fails the 25 ppmv integrated value criteria and will be tested in the post remediation condition to determine the overall emissions impact of exceedance cells. All cell selection will be subject to field conditions at time of sampling.

Selecting Test Points in a Cell

Using survey flags, the proscribed serpentine route in a cell will be walked and FID readings will be periodically noted on planted flags. Flux chamber samples will be taken at the following locations:

1. Peak FID reading on serpentine walk
2. Mid-point of highest one third of readings
3. Mid-point of mid one third of readings
4. Mid-point of lowest one third of readings

Assign areas to each flux chamber samples by number of flags represented by each sample. Figure 5.2 shows the cell screening form to be used. Cells will be screened twice, one screening event a day or two prior to sampling, and one event immediately prior to sampling. Results will be recorded on same form using different ink colors. Photo 4.1 shows typical field screening activity.

Figure 5.1 Chiquita Canyon Landfill Cell Gridding

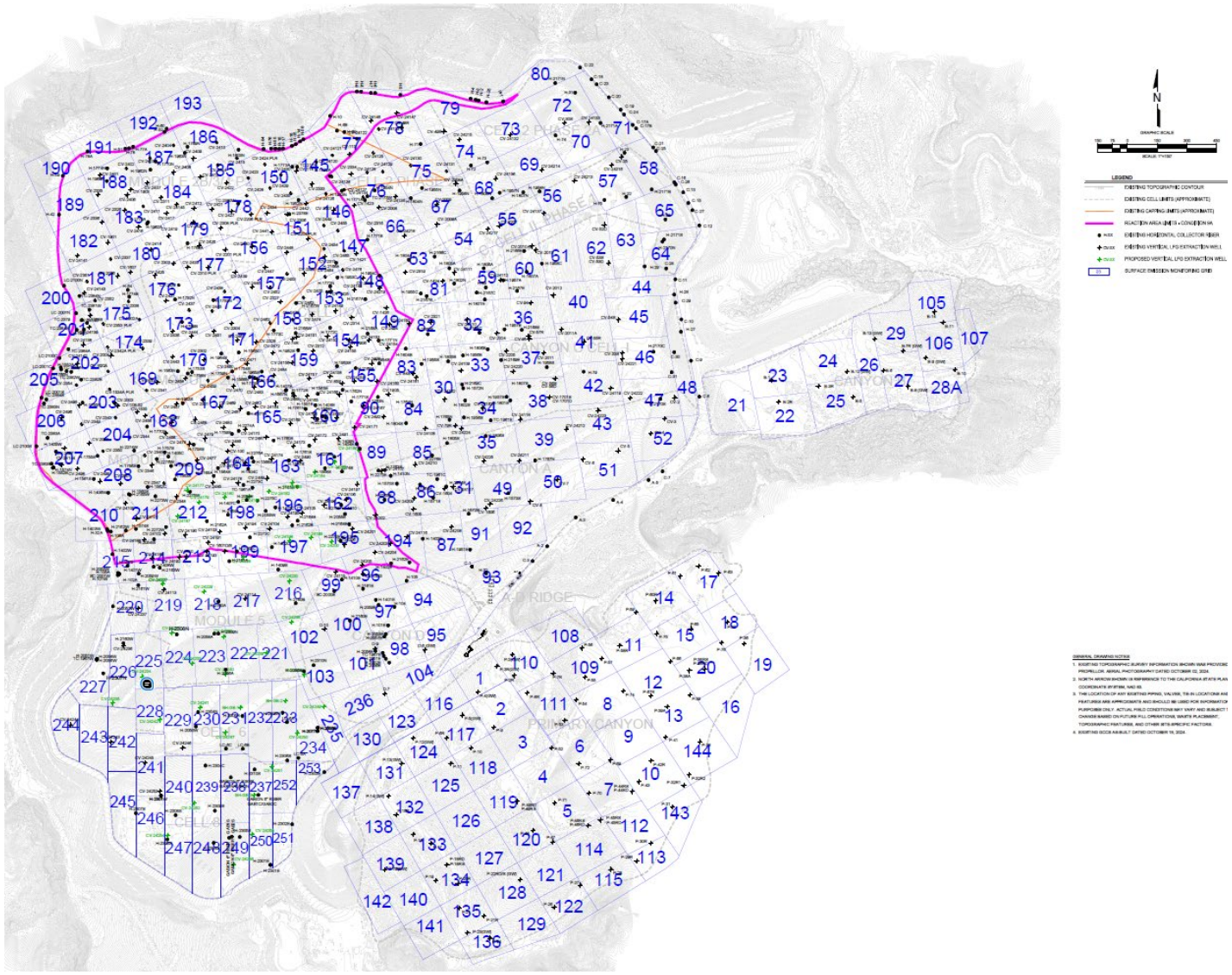


Figure 5.2 Grid Cell Screening Form

Chiquita Canyon Landfill
Cell Screening Form

Grid ID _____

Instrument _____

Baseline _____

Date _____

Time _____

Windpeed/Dir _____

Samplers _____

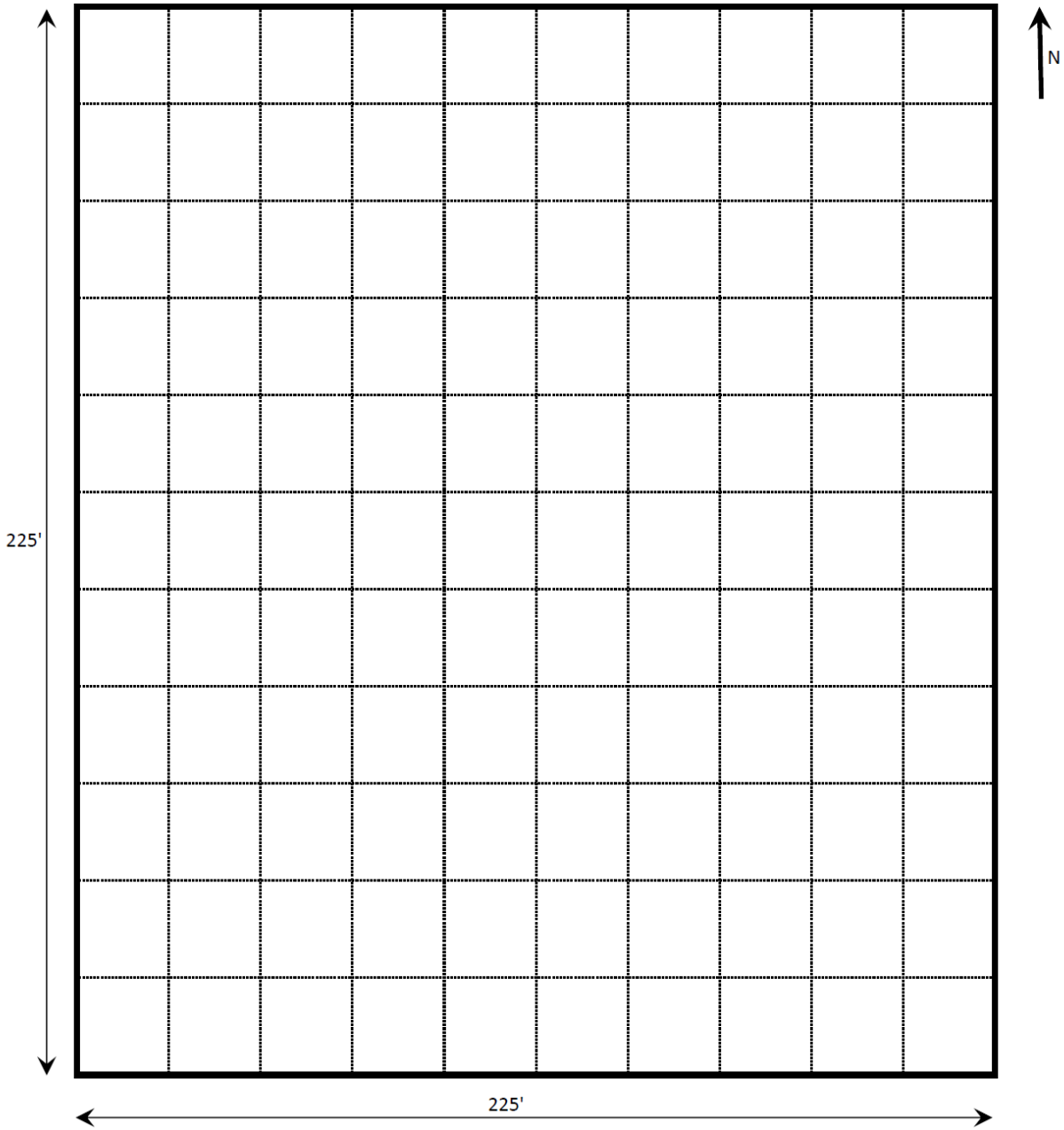


Photo 5.1 Typical Field Screening to Determine Flux Chamber Sampling Locations.



6. Sampling Methods

Flux Chamber Sampling

Dynamic vs. Static Chamber Technologies

Direct measurement using portable environmental chambers has been around now for many decades. USEPA and the Environmental Monitoring Systems Laboratory (EMSL-Las Vegas) in the early 1980's was interested in providing a direct emission measurement technology for 'area' sources that would compliment point source assessment and mobile source assessment technologies. Both 'static' and 'dynamic' chambers were explored looking at the efficacy of both approaches for use on hazardous and non-hazardous sites with area sources. The evaluation included criteria such as accuracy, precision, repeatability, cost, and easy of operation or level of expertise needed.

Looking at both static and dynamic chamber technologies, static chamber technologies were generally considered for screening applications verse quantitative assessment of emissions. The dynamic chamber technology approach was selected for their research and method development. Although static chambers are considered low-tech in that they do not need a sweep gas as with dynamic chambers and easy to use by comparison, the problems associated with collecting valid data focused their attention on dynamic chambers.

Basically, a static chamber on an area source, will collect surface emissions until an equilibrium is achieved in the chamber. That equilibration time is different with various compounds and type of source being tested. So the key parameter in measuring 'flux' of compounds (mass transfer of compounds from the surface- mass/time, surface area) which is equilibration 'time' from an area surface was unknown and would have to be assumed when the air sample from the static chamber was made. In addition, static chambers have significant wall effects from compound interaction, but more so, as you pull chamber air out of a static chamber which is a sealed vessel, a vacuum is created in the chamber resulting in a bias in the measurement.

These problems with static chamber technologies are overcome by using a dynamic chamber that is well mixed by design, uses a sweep air, and given that the dynamic chamber is vented to the atmosphere prevents unwanted pressure effects on collecting samples from the chamber. This results in an accurate, precise, and reliable assessment of surface flux from area sources.

The USEPA flux chamber technology which provides a protocol for this technology standardizing the design and use of the method as described in the USEPA Guidance document is considered a preferred, in-depth assessment technology. This Guidance and technology overcomes the issues with static chambers (recommended only for screening purposes) by using a standard chamber design, construction materials, sweep air, and standard operating protocol. As such the sweep air added to the chamber reduces or eliminates chamber wall effects, and allows for sampling the air in the chamber at steady state conditions (equilibration time constant) without influencing the flux event- sample collection is maintained by protocol at a rate in a vented chamber so that the pressure (negative or positive) in the dynamic chamber does not exceed 0.1 pascal pressure.

Even though the dynamic flux chamber requires a higher level of expertise to use, is more cumbersome to use, and require a companion compressed air cylinder of ultra high purity air as a sweep gas, the dynamic flux chamber is an agency approved technology for this application providing the most reliable

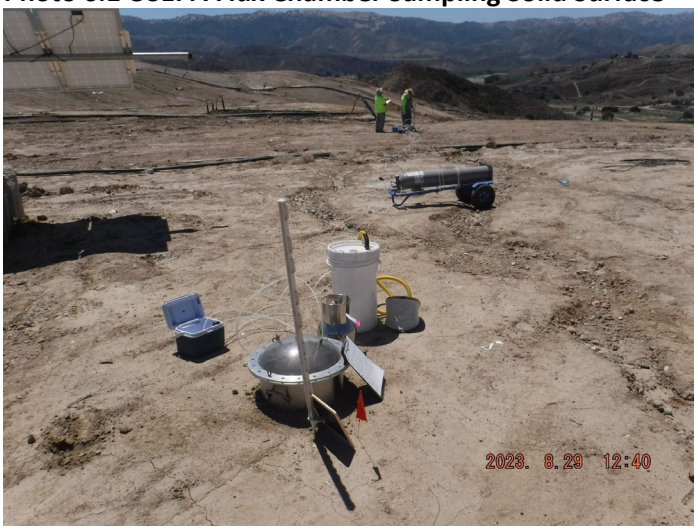
assessment of area sources available. In addition, as modified by the SCAQMD (Rule 1133.3, Attachment A), this dynamic area source assessment technology has been approved for us with advective sources that allow, by use of a trace gas (10% helium), quantitation of the advective flow for each location tested.

Flux Chamber Methodology Used for This Project

The surface emission isolation flux chamber (flux chamber) can be used on any liquid surface and on solid surfaces. The only requirement regarding application is that there must be access to the surface for testing. If the surface cannot support the chamber, the chamber must be suspended or equipped with a flotation devise or suspended from overhead.

For sampling natural or uncontrolled systems, the most critical issue regarding application is that the location and number of locations for testing be sufficient so that these data can be used to calculate the total emissions from the emitting surface area. Photographs of the flux chamber used to measure VOC/Sulfur/TAC emissions from landfill operations are shown in Photo 6.1.

Photo 6.1 USEPA Flux Chamber Sampling Solid Surface



The operation of the flux chamber involves the following:

1. Identifying the test area or test surface
2. Initiating sweep gas flow rate to the flux chamber
3. Operating the chamber for at least four residence times
4. Collecting exhaust gas for analysis and/or recording instrument response
5. Decontaminating the chamber
6. Relocating the measurement equipment to the next test area

The specific operating protocol for flux chamber sampling is as follows:

1. Locate the flux chamber, sweep gas, sample collection equipment, and field documents at the test location.
2. Document site information, location information, equipment information, name of sampler, date, and time on the Field Data Sheet (Figure 6.1).
3. Select the exact test location and place the chamber approximately 1/4 inch into test surface or sealed on an adaptor box apparatus. The chamber should be sealed along the base to prevent air infiltration. Place thermocouples to monitor soil/air temperature inside and outside of the chamber. Temperature data are used to show that the emission event was not disturbed during the measurement or to correlate emission rate to temperature.
4. Initiate the sweep gas flow rate and set the rotometer at 5.0 liters per minute. Constant sweep gas flow rate is critical. Record time.
5. Collect instrument background data (thermocouple) and record data.

6. Connect the purge pump. A total of 5.0 liters per minute is added to the chamber and the gas not sampled is exhausted out the pressure equalization port in the top of the chamber. The chamber is operated at near atmospheric pressure. Do not exceed an exhaust gas sample/purge rate of 2.5 liters per minute. This will prevent entraining of ambient air into the chamber and maintain an exhaust rate of at least 2.5 liters per minute out of the pressure equalization port.
7. Operate the chamber sweep air flow rate at 5.0 liters per minute and record data every residence time (6 minutes) for four to five residence times or 24 to 30 minutes. Record data. The chamber is at steady-state. Purge the sample line from the flux chamber with at least 10 line volumes of air.
8. Interface the Tedlar® bag media to the sample line, purge the sample line and bag, and collect the bag sample. After the bag sample, connect the sample line to the evacuated canister and collect the canister sample. Do not exceed a collection rate of 2.5 liters per minute at any time. This will prevent unwanted dilution of chamber exhaust gas by ambient air. After the canister
9. Label sample bag and sample canister, record sample collection on the data sheet.
10. Store the sample(s) in the appropriate storage and/or shipping container.
11. Document sample collection in field master log book.
12. Discontinue the flux measurement, shut off the sweep air, remove chamber, and secure equipment.
13. Decontaminate the chamber where contact was made with the soil using a clean paper towel and water (if needed) to remove any soil and condensation from the inside of the chamber. Purge the sample lines with sweep gas (5 liters per minute) for 2 minutes.
14. Relocate equipment to the next test location or test setting, and repeat steps 1 through 14.

Canister Sampling

Grab samples using Summa® polished, evacuated stainless steel canisters will be collected from the exhaust line of the flux chamber at steady-state conditions for speciation by gas chromatography. Sampling rate will be maintained at less than 2.5 liters per minute from the flux chamber. Canister samples will be collected by connecting the canister to the sampling line from the flux chamber using the 1/4-inch Swage-lock fittings, drawing a vacuum as motive from the canister and filling the canister. All canisters will be batch certified by the laboratory and sampled to full capacity (atmospheric pressure) given as they are grab samples.

Bag Sampling

Grab samples using Tedlar® bags will be collected from the exhaust line of the flux chamber at steady-state conditions for speciation by gas chromatography. Sampling rate will be maintained at less than 2.5 liters per minute from the flux chamber. Bag samples will be collected by connecting the bag evacuation chamber to the sampling line from the flux chamber using the 1/4-inch Swage-lock fittings/silicone tubing, drawing a vacuum as motive from the evacuation chamber and filling the bag. All bags will be conditioned by filling the bag one half full of sample, then purging prior to taking the final sample.

Sample Handling

Chain of Custody – All sampling media will be recorded using a chain-of-custody sheet, as shown on Figure 6.2. A copy of the chain-of-custody will be kept with the field samplers, and a copy will be shipped to the lab along with the samples. The lab will review the chain-of-custody, make any necessary annotations, and return a copy of the chain-of-custody with the reporting of the lab results.

Shipping

Samples will be packaged according to media preservation and shipping instructions; all samples will be shipped using commercial shippers allowing for sample hold times to be met by the laboratories. Shipping receipts will be retained by the field crew.

Figure 6.1 Flux Chamber Data Form.

SURFACE FLUX MEASUREMENT DATA FORM

DATE _____ SAMPLERS _____

LOCATION _____

SURFACE DESCRIPTION _____

CURRENT ACTIVITY _____

INSTRUMENT TYPE _____ I.D. NO. _____ TYPE _____ ID NO. _____

INSTRUMENT BASELINE _____

PROJECT QC: BACKGROUND MEASUREMENTS ☐ BLANK MEASUREMENTS ☐ REPLICATE MEASUREMENTS ☐
AMBIENT CONCENTRATIONS _____

CHAMBER I.D. _____ PHOTO TAKEN: Yes ☐ No ☐ _____

CHAMBER SEAL _____ CONDENSATION: Yes ☐ No ☐ BARM PRESS _____

AMBIENT CONDITIONS: Sun ☐ P.Sun ☐ Cloudy ☐ Wind at 5', ____ mph Wind at Seal,____ mph

TEMP _____ RAIN: Yes ☐ No ☐ Comment _____

PRIOR CHAMBER CLEANING: Full Wash ☐ Wet Wipe ☐ Dry Wipe ☐ None ☐ _____

SAMPLE LINE: BACK FLUSHED PRIOR TO START ☐ PURGED PRIOR TO SAMPLING ☐ New ☐ Used ☐

SWEEP AIR _____ CC _____ SUPPLIER _____ PSIG START _____ PSIG STOP _____

Time	Sweep Air (L/min)	Residence Number	Temperature (°F)				Real-Time (ppmv)		Sample Number	Comments
			Chamber		Ambient					
			Surf	Air	Surf	Air				
		0								
		1								
		2								
		3								
		4								
		5								

COMMENTS:

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

SITE DIAGRAM

Figure 6.2 Example Chain-of-Custody Form

CE Schmidt, PhD, Environmental Consultant **Canisters Day 1**

Chain of Custody Record

Form Serial Number	For Information Regarding These Samples	#		Client Address and Phone Number	Laboratory Name
CES F1-02106	Please Contact:	O			***EAS***
Client Name		F		Analysis Requested	Laboratory Address
	Dr. Charles E. Schmidt	C			***173 Cross Street***
Project Manager	19200 Live Oak Road, Red Bluff, CA 96080	O			***San Luis Obispo, CA 93401***
	530-529-4256	N			Laboratory Phone
Requested Completion Date	E-Mail: SCHMIDTCE@aol.com	T			***805-781-3585***
		A			Laboratory Contact
		I			***Dr. Steve Hoyt***
		N	Sample Container		

Station Number	Date	Time	COMP	GRAB	Sample ID Number	Can ID Number	ERS	Vial	Can	Tube	TO-12 FID (TNMHC)	TO-14 FID (Target List/Groups)	TO-15 (See List on Back)	ASTM D-1945 (O2, CO2, He)		Can Pressure In (Inches Hg)	Can Pressure Out (Inches Hg)	Remarks

Sampler	Date/Time	Relinquished by	Date/Time	HAZWRAP/NEESA Y N
				QC Level 1 2 3
Recieved by	Date/Time	Relinquished by	Date/Time	COC
				Ana Req
Recieved by	Date/Time	Relinquished by	Date/Time	Cust Seal
				Sample Condition
Recieved by Laboratory	Date/Time	Sample Shipped Via		
		UPS FEDEX BUS Other		
Remarks	**Do Not Pressurize with Helium**			

7. Analytical Methods

SCAQMD Method 307-91 for Organic Reduced Sulfur

Sulfur species will be analyzed from a Tedlar® bag using a GC/SCD. The target analyte list is shown on Table 7.1.

Table 7.1 Target Analyte List for H2S/ORS.

Hydrogen sulfide
Carbonyl sulfide
Methyl mercaptan
Ethyl mercaptan
Dimethyl sulfide (DMS)
Carbon disulfide
isopropyl mercaptan
t-butyl mercaptan
n-propyl mercaptan
s-Butyl mercaptan
i-Butyl mercaptan
Dimethyl disulfide
Tetrahydrothiophene
Unidentified sulfurs
Total reduced sulfur (TRS)

ASTM D-1945/USEPA Method 3C for Fixed Gases

Fixed gases will be analyzed from a Summa® canister using a GC/TCD. The target analyte list is shown on Table 7.2.

Table 7.2 Target Analyte List for Fixed Gases.

Methane
Carbon dioxide
Oxygen
Nitrogen
Hydrogen
Carbon monoxide
Helium (when used as a tracer for flow determination)

USEPA TO-12/14 for VOCs or NMOCs

The C_2 to C_{12} hydrocarbons and total non-methane hydrocarbons (TNMHC) taken as VOC emissions is determined using fused silica capillary column on an HP 5890 GC with a FID detector. A 200 ml sample is loaded using a flow controller onto a glass bead freeze out trap immersed in liquid oxygen. The components are desorbed onto a cryo-focusing loop and separated using a 100-meter, 0.25-micron fused silica PetroCol capillary column. The column is programmed from -20 °C to 225 °C at 4 °C /min. On the FID, hydrocarbons have a uniform response based on the number of carbon atoms and the total area is used to calculate the TNMHC. The instrument is calibrated using a NIST Traceable, 10 ppmv hexane standard. The data will be reported as TNMHC as methane. In addition, data will be provided as to distributions of functional groups and molecular weights/carbon counts.

USEPA TO-15 for VOC Species

USEPA Method TO-15 GC/MS method uses a cryo-trapping system with a high-resolution capillary column to analyze for TAC using GC/MS. This method can be used for many saturated and unsaturated organic compounds, and includes alcohol compounds. The method can measure most compounds down to 0.2 ppbv. The target compound list is provided in Table 7.3

Samples are analyzed on an HP 5890 Series II gas chromatograph. A gas phase internal standard mixture is injected with each sample prior to sample loading. The freeze-out loop is constructed of 1/8" x 8" nickel tubing packed with glass beads and is immersed in liquid oxygen while the sample is drawn through the loop using a vacuum pump connected to a mass flow controller adjusted to a flow of 50 ml/min. After the sample is trapped, it is thermally desorbed at 150 ^{o}C using an electric heater and is cryo-focused onto the beginning of a 0.32 mm ID deactivated fused silica capillary column. The cryo-focused loop is then warmed and the compounds are injected onto a 60 meter, DB-5, 0.25 mm ID fused silica capillary column in the GC. The GC is temperature programmed from -10 ^{o}C to 220 ^{o}C at a ramp rate of 13 ^{o}C /min. As the column is heated, the compounds elute off the column and enter the detector.

The laboratory report will be compliant with USEPA Contract Laboratory Program (CLP) Data Package requirements.

Table 7.3 Target List for TO-15 HAP/TAC Speciated Hydrocarbon Analysis.

Propylene
Dichlorodifluoromethane
Methanol
Chloromethane
1,2-Dichlorotetrafluoroethane
Vinyl chloride
1,3-Butadiene
Bromomethane
Chloroethane
Ethanol
Acrolein
Trichlorofluoromethane
Acetone
2-propanol (isopropylalcohol)
t-Butyl alcohol
Methyl iodide
1,1-Dichloroethene
Acrylonitrile
1,1,2-Trichlorotrifluoroethane
Allyl chloride
Methylene chloride
Carbon disulfide
trans-1,2-Dichloroethene
Methyl tert butyl ether
Propionitrile
1,1-Dichloroethane
Ethyl tert butyl ether
Vinyl acetate
2-Butanone (MEK)
Diisopropyl ether
Hexane
Methacrylonitrile
Ethyl acetate
Bromochloromethane
Methyl acrylate
Tetrahydrofuran
Isobutyl alcohol
cis-1,2-Dichloroethene
2,2-Dichloropropane
Chloroform
1,1,1-Trichloroethane
1,2-Dichloroethane
1,1-Dichloropropene
Cyclohexane
Benzene
Carbon tetrachloride
t-Amyl methyl ether
2,2,4-Trimethylpentane
n-Heptane
1,2-Dichloropropane
1,4 Dioxane
Dibromomethane
Trichloroethene (TCE)
Bromodichloromethane
Methyl methacrylate
4-Methyl-2-pentanone (MIBK)
cis-1,3-Dichloropropene
Toluene
trans-1,3-Dichloropropene
1,1,2-Trichloroethane
Ethyl methacrylate
2-Hexanone
1,3-Dichloropropane
Octane
Dibromochloromethane
1,2-Dibromoethane (EDB)
Tetrachloroethene (PCE)
Chlorobenzene
1,1,1,2-Tetrachloroethane
Ethylbenzene
m,p-Xylenes
Nonane
Styrene
Bromoform
o-Xylene
1,1,2,2-Tetrachloroethane
1,2,3-Trichloropropane
t-1,4-Dichloro-2-butene
n-Propylbenzene
Isopropylbenzene
4-Ethyltoluene
1,3,5-Trimethylbenzene
Decane
tert-butyl benzene
1,2,4-Trimethylbenzene
i-Butylbenzene
sec-butylbenzene
1,3-Dichlorobenzene
Isopropyltoluene
Benzyl chloride
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2-Dibromo-3-chloropropane
1,2,4-Trichlorobenzene
Naphthalene
1,2,3-Trichlorobenzene
Hexachlorobutadiene

8. Data Analysis and Reporting

Data Validation

All field and sample data will be reviewed and challenged against the method QC specifications. Data not meeting method specifications will be flagged appropriately.

Data Analysis

Landfill Air Emissions Assessment

All cells will be quantitatively screened by FID for the integrated concentration. The cells will be placed into three groups based on emission levels for this screening. Cells will be assessed (one high level, one mid-level, and one low level) in detail by further screening and flux chamber measurement. The emissions from the representative cells will be used to estimate the emissions for the entire group, for the initial three groups.

Report

The data will be presented in a report that provides a description of the sampling effort and tabular emission rates for each process. All field notes, chain-of-custody forms, and laboratory reports will be included in the report.

9. Project Implementation

Schedule

The project will be executed on the schedule given below. The project team will arrive the morning of testing at 0700. All equipment and field supplies will be inventoried that day. The first order of business will be to review health and safety issues. All field progress will be recorded on field data sheets and all chain-of-custody will be completed on the day of sample collection. All shipping records will be retained as part of the field data set and the person shipping samples is responsible for contacting the laboratory prior to sample receipt.

Table 9.1 Project Schedule

Revised Protocol	February 2026
Field Sampling	Three times per year, March, July, November
Report	Within 3 to 4 weeks of receipt of laboratory data

Laboratory Shipping Addresses

Canister Analysis

EAS
173 Cross Street
San Luis Obispo, CA 93401
Contact: Steve Hoyt, (805) 781-3585

Sulfur Analysis

AAC
2225 Sperry Avenue
Ventura, CA 93003
(805) 650-1642

Project Equipment

All sampling media (prepared per method specifications) will be provided by the contract laboratory, including clean, evacuated canisters. Dr. C.E. Schmidt will supply all other sampling equipment and expendable supplies. Following are the necessary field equipment and expendable supplies for the proposed field testing:

- USEPA flux chambers per USEPA design, including stainless steel Swage-lock fittings
- Support cooler with a mounted rotometer (0-to-5 liter per minute) through the cooler walls
- Brass, 2-stage regulator for bottled air (CGA 590 fitting for air and 1/4" Swage-lock (male) adapter fitting
- Ten-foot, ¼-inch Teflon® line with female fittings
- Ten-foot, 1/4-inch Teflon® air inlet/outlet support line
- Large size plastic support cooler
- Set of miscellaneous hand-tools including an adjustable crescent wrench for the CGA 580 regulator fitting, small adjustable crescent wrench for the 1/4-inch swage fittings, assorted medium- and small-size screw drivers
- Two 12-inch Type K thermocouple wires and temperature readout
- Rigid-wall shipping/storage crate for the flux chamber mounted on roller wheels
- Decontamination supplies, including Alconox soap, paper towels, and wash water
- Ultra high-purity air bottles with trace gas helium (4, size 150)
- Purge pump for sample line purging
- Canister media
- Sample shipping containers
- Hand tools
- Camera
- Hard hat
- Safety glasses
- Decompression lung samplers (2) for bag sample collection
- TVA-100B with support and calibration gases
- Jerome 631X analyzer

10. Health and Safety

All field work will be in conformance with the SCS Site Health and Safety Plan. Specific requirements are:

- Hard hat,
- Safety shoes,
- Eye protection,
- Visibility clothing, and
- Personal gas monitoring.

11. Works Cited

U.S. Environmental Protection Agency (USEPA). 1986. *Measurement of Gaseous Emission Rates from Land Surfaces Using an Emission Isolation Flux Chamber- User's Guide*, EPA 600/8-86-008 (NTIS PB86-223161).

SCAQMD Rule 1133.3, Attachment A.

TECHNICAL MEMORANDUM

TECHNICAL MEMORANDUM

Environmental Management Consulting
41125 278th Way SE, Enumclaw, WA 98022 USA
Phone: 360-802-5540 trcard@EnvManCon.com

TO: Rodney Davis/SCAQMD

FROM: Tom Card
Chuck Schmidt

DATE: February 5, 2026

SUBJECT: Chiquita Canyon Landfill
Surface Air Emissions Assessment
Source Categories and Sampling Scope

Starting in 2023, an air emission assessment of surface air emissions has been conducted at the Chiquita Canyon Landfill three times per year. Historically, these types of assessments have been conducted by selecting four grid cells based on regulatory required surface emissions monitoring (SEM). These grid cells had their surface air emissions quantified in detail, with the results prorated based on the SEM data that was used to select the cells. This then provided an estimate of the air emissions from the entire landfill.

For Chiquita Canyon, the initial scope was to select four grid cells in what is called the “reaction area”; four grid cells from the remainder of the landfill; as well as one of the SEM “Exceedance” cells that were identified in the most recent SEM event as exceeding the regulatory limit of 25 ppmv FID response for the integrated cell SEM event. These resulted in nine cells being identified for testing.

In the summer of 2025 this scope was increased to test two cells in an area of the landfill covered with a polymer membrane, as well as four cells on the membrane soil interface, resulting in a total scope of testing 15 grid cells for the air emissions assessment.

As of March 2026, the entire reaction area will likely be covered with the polymer membrane, with the total area of the membrane at approximately one third of the total landfill area. With this new landfill surface configuration and based on our previous experience in landfill air emissions assessment, we now recommend that a revised scope to include the testing of:

- Four (4) of the membrane area cells.
- Four (4) of the membrane/soil cover interface cells.
- Four (4) of the remaining cells (normal landfill with soil cover).
- One (1) of the SEM exceedance cells.

This will result in a total of 13 cells to be tested for each air emissions assessment event.