



November 2, 2017

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Mr. Kent Johnson
Senior Engineering Geologist
New York State Dept. of Environmental Conservation
Division of Environmental Remediation
Remedial Section B – Remedial Bureau E
625 Broadway
Albany, NY 12233-7017

**SUBJECT: Groundwater Monitoring Program Report
Safety-Kleen Service Center – 60 Seabro Avenue
North Amityville, New York**

Dear Mr. Johnson:

This letter serves as the Safety-Kleen Systems, Inc. (Safety-Kleen) September 2017 groundwater monitoring report for the referenced site (**Attachment 1 – Site Map**). This letter also serves to document remedial progress following the October 2014 BOS 200® remedial injection program conducted at the site.

1.0 MODIFICATIONS TO THE PROGRAM

The previous Groundwater Monitoring Program Report submitted to the New York State Department of Environmental Conservation (NYSDEC) on July 21, 2017, included recommendations to:

- 1) reduce the groundwater monitoring frequency from quarterly to semi-annually for future progress monitoring; and
- 2) discontinue deployment of treatment filter socks in upgradient and cross-gradient wells GT-3 and GT-5, which have been in compliance with standards since 2014.

These recommendations were approved by letter from the NYSDEC on September 15, 2017 and are incorporated into the monitoring event reported herein as described in the following sections.

2.0 GROUNDWATER SAMPLING PROGRAM

Groundwater monitoring and sampling activities were conducted on September 25 - 26, 2017 by Clean Harbors Environmental Services. The following tasks were performed during the monitoring event (as required):

- The ORC-A® filter socks were removed from wells GT-1, GT-3, GT-5, GT-6, VE-1R, VP-A and VP-B;
- Following equilibration of the water table, field data and laboratory samples were collected from the monitoring locations as follows:

- o Measurement of the depth to water (DTW) at each monitoring well, four vapor points and one catch basin/drywell; and
- o Collection of groundwater samples by low-flow sampling techniques from site monitoring locations;
- Post sampling, filter socks were redeployed in wells GT-1, GT-6, VE-1R, VP-A and VP-B and permanently removed from wells GT-3 and GT-5; and
- The samples were packed on ice for delivery to a laboratory sample collection location, laboratory courier, or shipment to the laboratory via overnight commercial courier.

Samples were sent to TestAmerica, Inc. (TestAmerica) in Edison, NJ for analysis of Mineral Spirit Range Organics (MSRO) and Volatile Organic Compounds (VOCs). TestAmerica holds both NY NELAP and NYSDOH ELAP certifications.

2.1 Monitoring Point Field Parameter Collection & Summary

Wells GT-1 through GT-7, VE-1R, VE-5, VP-A, VP-B and DW-1 were gauged and field indicator parameters were noted during sampling. Temperature, pH, conductivity, dissolved oxygen (DO), oxidation/reduction potential (ORP), and turbidity were recorded. The field/sampling data from the September 2017 sampling event are included as **Attachment 2**. The historic to current field data are presented as **Attachment 3 - Table 1**.

Depth-to-water in monitoring wells ranged from 17.62 (GT-4) to 19.58 (GT-5) feet below grade in September 2017 in exterior wells. Comparatively, the water table was on average 1.35 feet lower than reported for the previous event (June 2017).

The depth-to-water at select site monitoring wells is presented below as **Figure 1**. The historical data indicate that the water table is trending deeper.

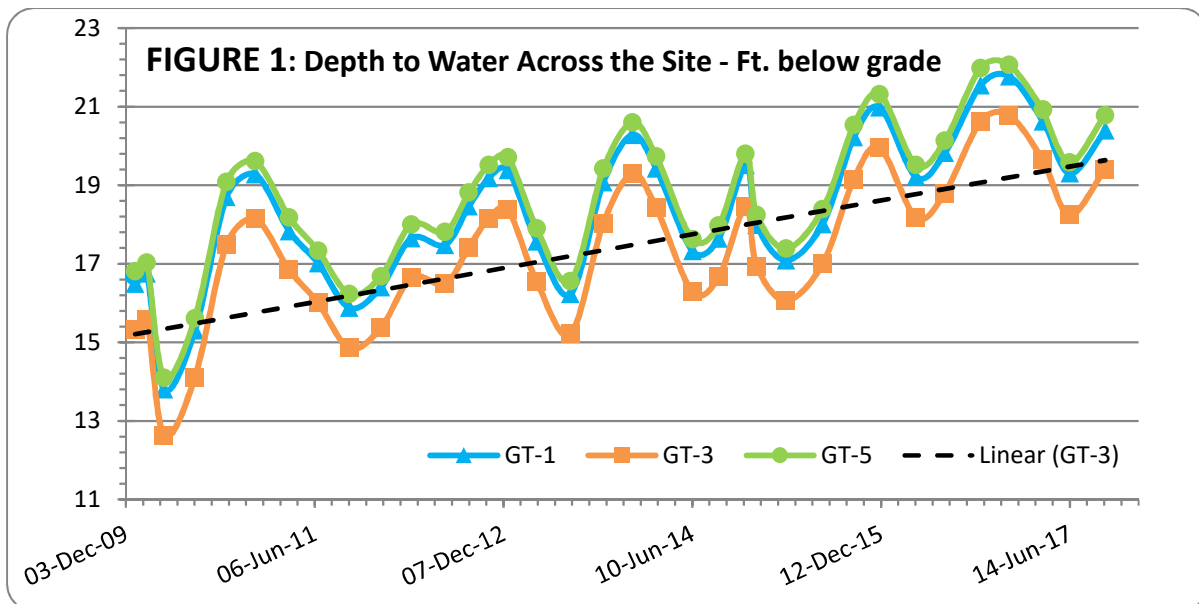
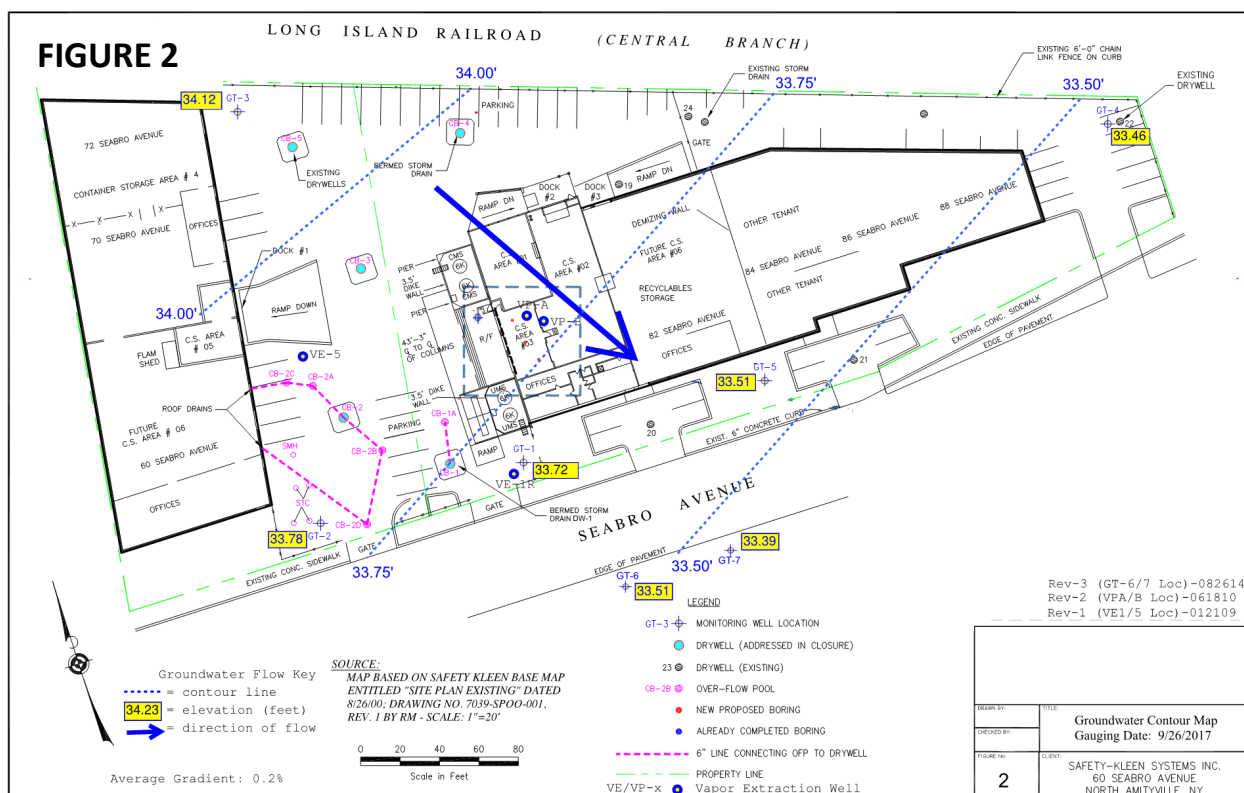
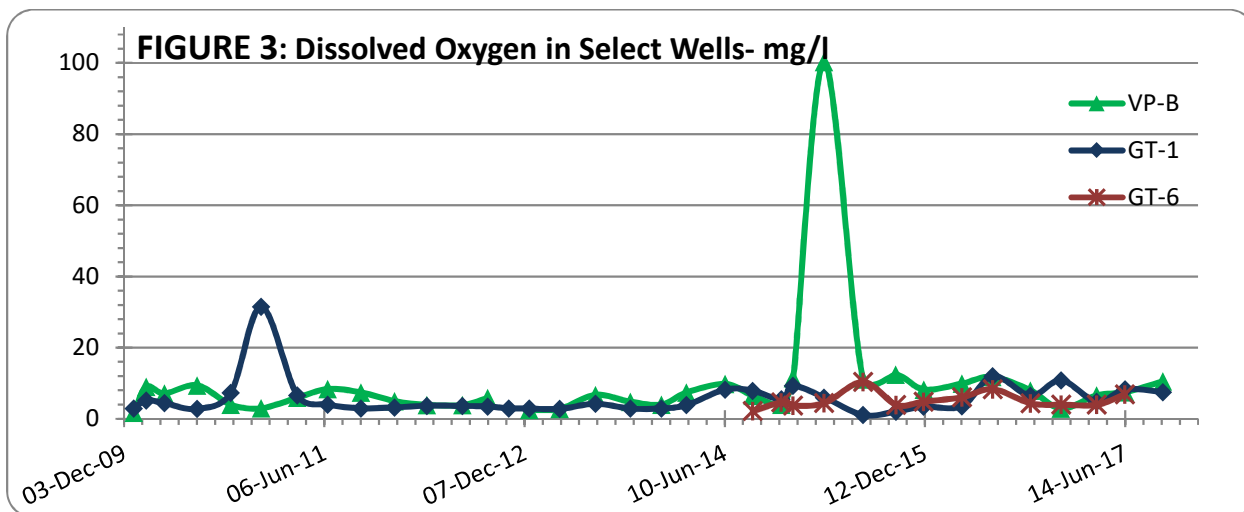


Figure 2 below depicts the flow conditions for September 2017. The direction of groundwater flow was southeast and generally consistent with historic trends. The average gradient was measured at 0.2%, equivalent to that reported for June 2017.

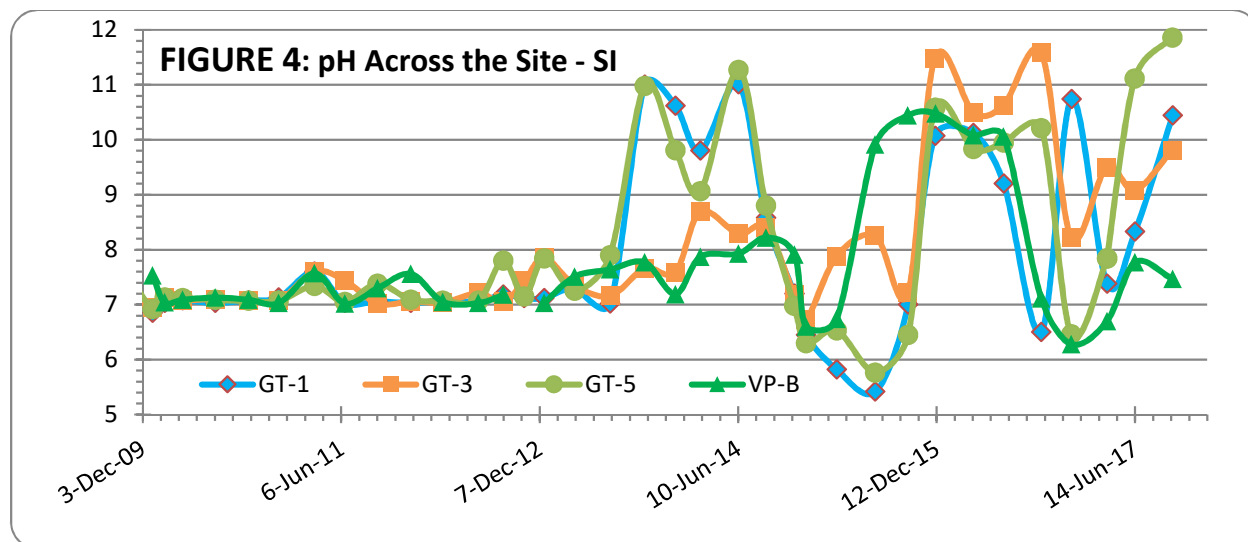


The DO concentrations ranged between 1.48 milligrams per liter (mg/l) at DW-1 to 22.28 mg/l at GT-5 in September 2017. Seven wells (GT-1, GT-3, GT-5, GT-6, VE-1R, VP-A and VP-B) had ORC-A® filter socks installed, that were last replaced as part of March 2017 monitoring event activities. **Figure 3** shows the historic trend in DO concentrations in select wells.



ORC-A® filter socks were permanently removed from wells GT-3 and GT-5 during the September 2017 event reported herein as approved by letter from the NYSDEC (refer to **Section 1.0**). ORC-A® filter socks were re-deployed in wells GT-1, GT-6, VE-1R, VP-A and VP-B.

The pH (**Figure 4**) ranged from 5.02 (GT-4) to 11.86 (GT-5) in September 2017. Higher pH is a known effect from ORC-A® dissolution, and may affect the pH in wells where ORC-A® socks were deployed (GT-1, GT-3, GT-5, GT-6, VE-1R, VP-A and VP-B).



2.2 Groundwater Sampling

Monitoring wells GT-1, GT-2, GT-3, GT-5, GT-6, GT-7, vapor extraction/monitoring points VE-1R, VE-5, VP-A, and VP-B, and drywell DW-1 were sampled by low-flow sampling techniques per the updated Quality Assurance Project Plan (QAPP) approved by NYSDEC on March 1, 2017. A duplicate sample was collected from well VE-1R (GW-DUP). Groundwater samples were placed into pre-preserved, laboratory-supplied containers provided by TestAmerica as specified for each analysis.

Samples were kept cool during transport to the laboratory, accompanied by chain-of-custody documents and trip blanks. The samples arrived at the laboratory within acceptable USEPA and NYSDEC holding times and preservation requirements.

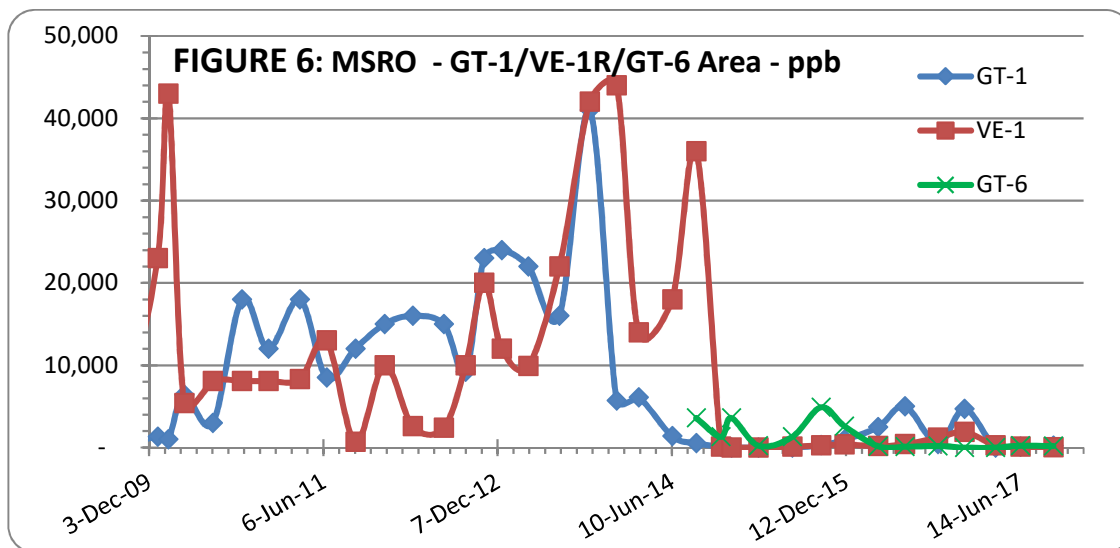
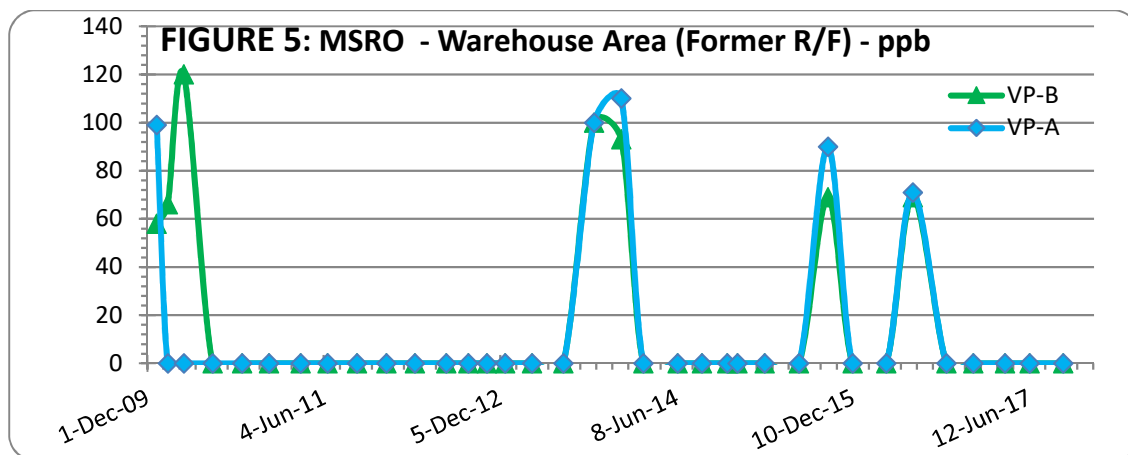
TestAmerica analyzed the groundwater samples for VOCs via EPA Method 8260c and MSRO via Modified EPA Method 8015d.

3.0 ANALYTICAL RESULTS

Historic data through September 2017 are presented in **Attachment 3 - Table 2**. The laboratory analytical report is included as **Attachment 4** (on CD, Detection Summary in print).

VOCs: VOCs were not detected above the reporting limits or the respective standards in any groundwater samples.

MSRO: MSRO was detected in groundwater collected during the September 2017 sampling event at wells GT-1, GT-6 and VE-1R. MSRO concentrations for the Warehouse Area, the primary business portion of the site, are presented in **Figure 5** and MSRO concentrations for the GT-1/VE-1R and down gradient area GT-6 are presented in **Figure 6**.



4.0 QUALITY CONTROL

Following the BOS 200® remedial injection program in 2014, wells for sampling were purged by pumping to facilitate removal of particulate matter (e.g., carbon) added to the subsurface as part of the treatment; however, the pumps were difficult to decontaminate and caused cross-contamination between wells. From the December 2015 to December 2016 sampling events, the use of pumps for purging was omitted which reduced sample cross-contamination; however, samples collected by manual bailing were reported to have residual particulate. Based on total and dissolved MSRO concentrations, particulate was contributing to the total MSRO concentrations. As of March 2017, sample collection methodology was revised to low-flow sampling techniques in accordance with the updated QAPP for the site dated February 2017, as approved by electronic mail from the NYSDEC on March 1, 2017 and recommended in correspondence from the NYSDEC dated March 28, 2017.

Some additional items related to sample results are noted below:

- MSRO sample volumes were below that needed for a reporting limit of 50 parts per billion (ppb), and samples were reported with a limit of 51 ppb.
- Equipment rinse blanks included concentrations of some VOCs and MSRO. VOCs detected in equipment blank samples were not detected in wells samples, so VOC results

did not require qualification. However, MSRO detections in well samples were qualified with a "B" in Tables 1 and 2.

5.0 SUMMARY

1. Groundwater elevations in September 2017 were over one foot lower on average than recorded in June 2017; however, the overall direction and magnitude of groundwater flow is similar to historic trends.
2. DO concentrations were generally higher than those for the previous monitoring event (June 2017).
3. ORC-A® filter socks were permanently removed from wells GT-3 and GT-5 during the September 2017 event reported herein as approved by letter from the NYSDEC (refer to **Section 1.0**). ORC-A® filter socks remain deployed in wells GT-1, GT-6, VE-1R, VP-A and VP-B to remediate residual dissolved organic concentrations.
4. Total MSRO was below the laboratory reporting limit in all wells with the exception of wells GT-1, GT-6 and VE-1R at estimated concentrations ranging from 50 to 240 ppb, compared to the 50 ppb limit established for groundwater.
5. VOCs were not detected above the reporting limits or the respective standards in any groundwater samples.

6.0 RECOMMENDATIONS

Current groundwater sampling results indicate compliance with VOCs since March 2015. The presence of MSRO has been limited to monitoring wells GT-1, GT-6, VE-1R, VP-A and VP-B since December 2015, and to wells GT-1, GT-6 and VE-1R since implementation of low-flow sampling in March 2017. In accordance with recommendations in the previous Groundwater Monitoring Program Report, submitted to the NYSDEC on July 21, 2017 and approved by letter from the NYSDEC on September 15, 2017, Safety-Kleen will continue to deploy oxygen releasing compound filter socks at wells GT-1, GT-6, VE-1R, VP-A and VP-B, and sampling will be conducted on a semi-annual schedule, with the next sampling events in March and September 2018.

I am available to discuss the results with you and proposed changes to the site monitoring program at your convenience. Please do not hesitate to contact me at (513) 227-5340. As always, Safety-Kleen appreciates the Department's assistance with this site.

Sincerely,

Safety-Kleen Systems, Inc.

A handwritten signature in blue ink, reading "Stephen D. Fleming". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Stephen D. Fleming, P.E., CHMM
Senior Remediation Manager

FIGURES (in text)

- 1 Depth to Water Across the Site
- 2 Groundwater Contour Map
- 3 Dissolved Oxygen Across the Site
- 4 pH Across the Site
- 5 MSRO – Warehouse Area (Former R/F)
- 6 MSRO - GT-1/VE-1R/GT-6 Area

ATTACHMENTS

- 1 Site Map
- 2 Media Sampling - Field Parameter and Lab Sampling Summaries
- 3 Tables
 - Table 1 – Historic Groundwater Field Data Summary (to Current)
 - Table 2 –Groundwater Monitoring Results Summary (to Current)
- 4 Laboratory Analytical Report (on CD) – Detection Summary Attached

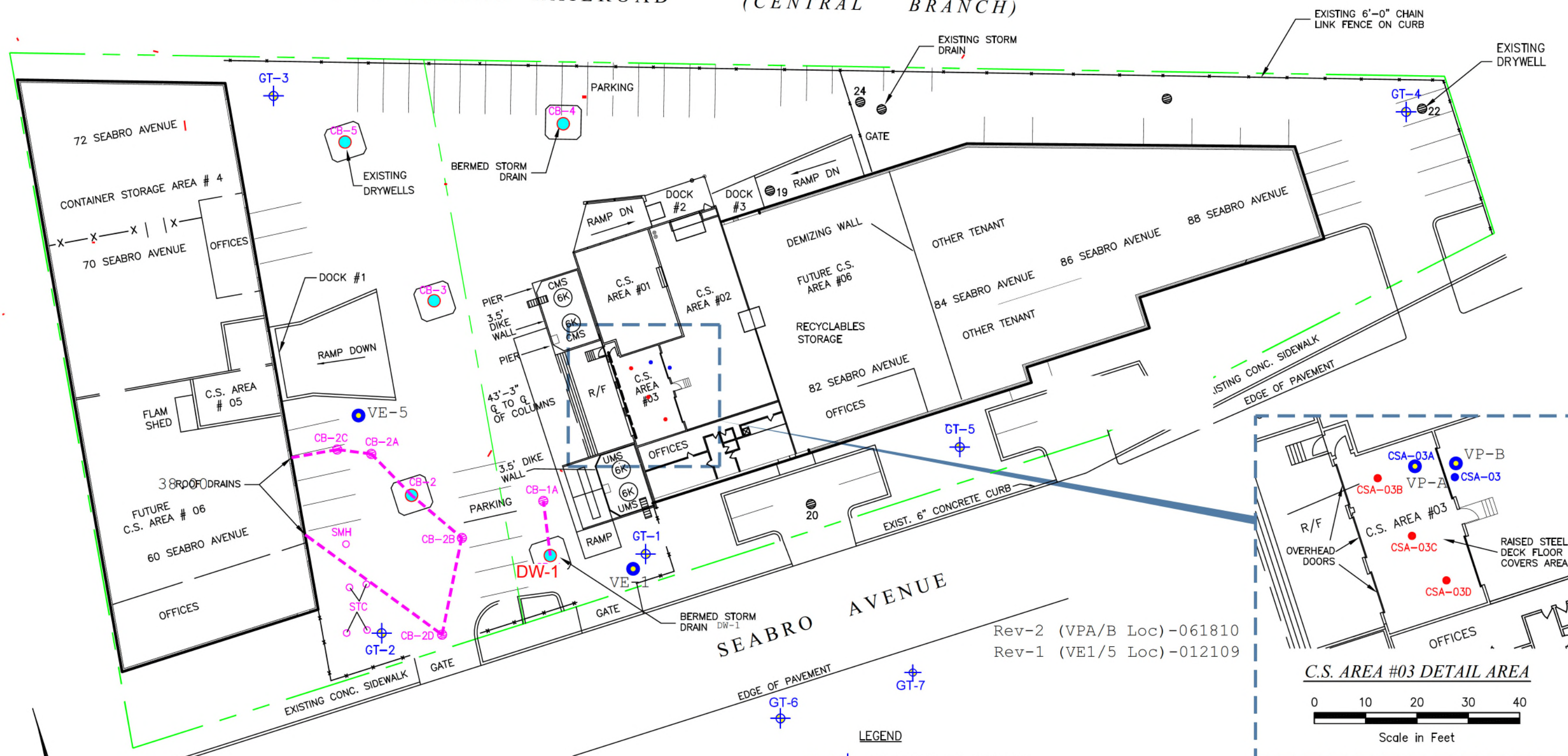
Distribution

<u>Person/Department</u>	<u>Method of Transmission</u>
E. Badaracco, Town of Babylon, HW Dept., Lindenhurst, NY	hard copy – 1 st Class Mail
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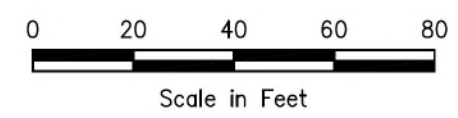
Note: e-copies transmitted via E-Mail – S. Fleming, SK to List.

ATTACHMENT 1 - SITE MAP

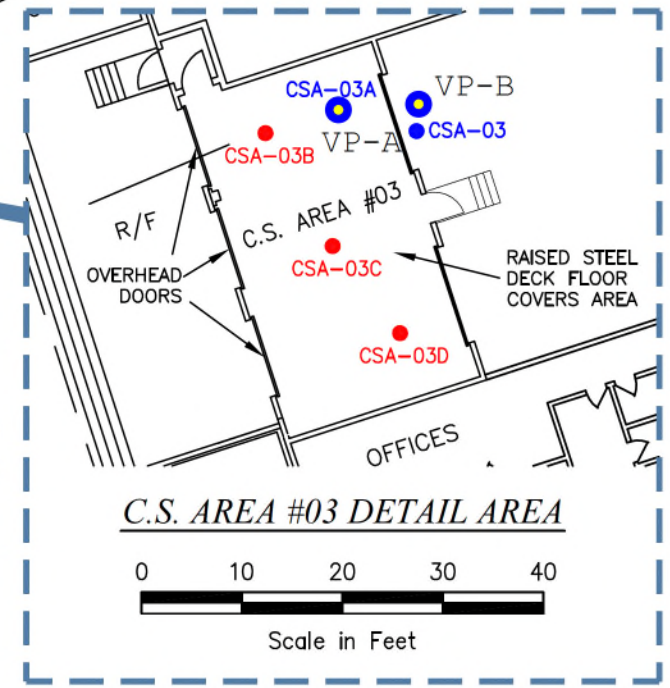
LONG ISLAND RAILROAD (CENTRAL BRANCH)



SOURCE:
MAP BASED ON SAFETY KLEEN BASE MAP
ENTITLED "SITE PLAN EXISTING" DATED
8/26/00; DRAWING NO. 7039-SPOO-001,
REV. 1 BY RM - SCALE: 1"=20'



- LEGEND
- GT-3 MONITORING WELL LOCATION
 - DRYWELL (ADDRESSED IN CLOSURE)
 - 23 DRYWELL (EXISTING)
 - CB-2B OVER-FLOW POOL
 - NEW PROPOSED BORING
 - ALREADY COMPLETED BORING
 - 6" LINE CONNECTING OFF TO DRYWELL
 - PROPERTY LINE
 - VE/VP-x Vapor Extraction Well



Rev-2 (VPA/B Loc)-061810
Rev-1 (VE1/5 Loc)-012109

Basile Environmental Solutions, LLC 1188 Hillside Dr. Cortland, NY 13045		5/23/12
DRAWN BY: JB		SCALE: AS SHOWN
CHECKED BY: J.B.		CAD FILE: 7039-1A
FIGURE No: 1		TITLE: SITE PLAN
CLIENT: SAFETY-KLEEN SYSTEMS INC. 60 SEABRO AVENUE NORTH AMITYVILLE, NY		

ATTACHMENT 2 - MEDIA SAMPLING

Field Parameter and Lab Sampling Summaries

SAMPLING INSTRUCTIONS & FIELD OBSERVATION LOG

GROUNDWATER SAMPLING RECORD

SITE NAME	Safety-Kleen Service Center	DATE	9/25/17
	60 Seabro Ave, N. Amityville, NY	Weather	79°F, Clear Skies
Sampler	Ed Brodzinski + Rich McCarthy		

Well Name / ID	GT-1	GT-2	GT-3	GT-4	DW-1*	GT-5	GT-6	GT-7	VE-1R	VE-5**	VP-A	VP-B
Lab Analysis - EPA 8260c VOCs	Collect Samples as listed on the pre-printed Chain-of-Custody. Questions, contact Melissa Haas at Tel 203.944.1310.											
Lab Analysis - EPA 8015d MSRO												

Duplicate Sample	Collect Samples as listed on the pre-printed Chain-of-Custody. Questions, contact Melissa Haas.
Sample Equipment Rinse Blank*	

ORC Socks Deployed	Yes	No	~~Yes~~ NO	No	No	~~Yes~~ NO	Yes	No	Yes	No	Yes	Yes
Socks Changed ("C") or Redeployed ("R")	R		removed			removed	R		R		R	R
Collect Field Parameters	Yes	Yes	Yes	Yes-Only	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Diameter of Well Casing	2 in	2 in	2 in	2 in	Manhole	2 in	2 in	2 in	4 in	1 in	2 in	2 in
Depth of Well (ft.)	26.0	27.40	27.48	26.18	10.50	21.2	26.46	28.3	24.80	24.80	27.5	23.0
Depth to Groundwater (ft.)	20.44	20.36	19.39	18.84	20.16	19.77	20.70	20.38	20.49	19.93	20.85	20.35
Water Column Height (ft.)	26.00	27.40	27.48	26.18	N/A	21.20	26.46	28.30	24.80	24.80	27.50	23.00
Volume Purged (gal)	1.0	1.0	1.0	N/A	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Purging Method	low-flow	low-flow	low-flow		low-flow*	low-flow	low-flow	low-flow	low-flow	low-flow**	low-flow	low-flow
Sampling Time	1200	1600	1655	N/A	1320	1745	0900	0805	1255	0715	1005	1100
Sample date	9/26	9/25	9/25	N/A	9/26	9/25	9/26	9/26	9/26	9/26	9/26	9/26
GW Visual Observations												
color	gray	clear	clear	clear	clear	gray	clear	clear	gray	clear	tan	tan
sheen (slight, moderate, heavy)	none	none	none	none	none	none	none	none	none	none	none	none
odor (slight, moderate, heavy)	none	none	none	none	none	none	none	none	none	none	heavy	none
carbon/particulates/settled matter (lo, med, high)	med	med	none	none	lo	high	none	lo	high	none	med	med
GW Field Parameters												
Temperature (C)	20.42	20.38	18.52	18.90	27.30	18.71	17.37	18.44	21.68	18.55	18.96	17.42
pH	10.44	6.39	9.81	5.02	7.46	11.86	7.36	5.80	5.51	6.08	8.41	7.47
Conductivity in mS	2.985	0.440	0.298	0.180	0.069	1.383	0.455	0.344	0.657	0.234	0.319	0.304
Dissolved Oxygen (mg/L)	18.29	3.93	15.15	5.87	1.48	22.28	6.84	4.57	4.60	7.56	10.98	10.53
ORP (Eh (Mv))	8.1	105.6	7.19	141.1	92.5	5.2	246.3	274.8	123.4	256.3	218.3	242.9
Turbidity (visual / NTU)	33.7	27.9	4.62	clear	14.8	75.5	7.97	19.7	67.5	3.48	29.7	34.9

Comments	Containerize all fluids as directed by Terri Cowans at the facility. Tel: 631.443.4509 (cell). Coordinate with Terri in regards to moving all IDW back to the facility from wells GT-6 & GT-7. Under no circumstances are drums or debris to be left near wells GT-6 & 7. Both wells are located off-site. SK/consultants have permission from the property owner to access the wells.											
	On-arrival at the facility, check-in at the main office, and notify Terri you are on-site. Follow all facility rules, and any direction with regard to well access, facility access,											
	* If DW-1 is dry, Collect a soil sample by hand auger and a rinse blank for the soil sampling equipment.											
	** Use a bladder pump for low-flow sampling with the exception of VE-5. Use a peristaltic pump for VE-5 due to the well diameter.											
Complete field data in these rows.												

ATTACHMENT 3 - TABLES

Table 1 – Historic Groundwater Field Data Summary (to Current)

Table 2 – Groundwater Monitoring Results Summary (to Current)

Table 1 - Historic Groundwater Field Data Summary (to Current)

KEY

Temperature recorded in C
Conductivity measured in uS
Dissolved Oxygen measured in mg/l
Eh measured in Mv
Ozone measured in mg/l
B = Analyte in a blank
Total Concentration / Duplicate Concentration (Dissolved Concentration)

GT-1	PARAMETER								
	Depth to water (ft)	Groundwater Elevation (ft)	Temp	pH	Cond.	D.O.	Eh	Ozone	MSRO
			°C		uS	mg/L	mV		ug/L
12-Mar-09	16.47	37.64	12.2	7.00	459	2.96	163	ND	500
17-Jun-09	15.73	38.38	13.5	7.75	381	5.20	48	0.10	50
22-Sep-09	17.05	37.06	17.0	7.65	224	4.40	-29	0.10	530
30-Dec-09	16.49	37.62	15.0	6.85	182	2.80	91	0.08	1300
02-Feb-10	16.75	37.36	13.5	7.03	179	7.35	45	0.00	1000
24-Mar-10	13.80	40.31	12.0	7.08	603	31.50	165	0.60	6400
22-Jun-10	15.30	38.81	15.5	7.03	182	6.57	32	0.00	3000
22-Sep-10	18.70	35.41	17.8	7.08	176	3.98	28	n/m	18000
15-Dec-10	19.28	34.83	15.3	7.13	157	2.95	10	0.00	12000
24-Mar-11	17.83	36.28	13.0	7.60	198	3.21	25	0.00	18000
16-Jun-11	17.01	37.10	14.7	7.03	259	3.68	20	0.02	8500
15-Sep-11	15.88	38.23	19.0	7.06	197	3.62	-62	0.00	12000
16-Dec-11	16.40	37.71	16.0	7.03	186	3.45	-55	0.00	15000
14-Mar-12	17.65	36.46	14.2	7.06	136	2.95	-60	0.00	16000
20-Jun-12	17.48	36.63	16.8	7.06	138	2.88	-45	0.00	9200
28-Aug-12	18.46	35.65	18.0	7.18	118	2.80	-75	0.00	15000
25-Oct-12	19.18	34.93	18.0	7.12	196	4.22	11	0.20	23000
20-Dec-12	19.38	34.73	15.7	7.12	119	2.88	-50	0.00	12000
14-Mar-13	17.57	36.54	12.1	7.30	137	2.90	-20	0.00	22000
20-Jun-13	16.23	37.88	14.8	7.02	213	3.87	-11	0.00	16000
24-Sep-13	19.07	35.04	17.1	11.00	637	8.22	25	0.00	41000
18-Dec-13	20.28	33.83	16.5	10.62	1070	7.88	n/m	0.00	5700
25-Feb-14	19.42	34.69	13.7	9.80	249	5.49	30	0.00	6100
11-Jun-14	17.32	36.79	13.8	11.01		9.29	38.5	0.00	1400
26-Aug-14	17.64	36.47	17.5	8.58	414	6.01	41	n/m	520
13-Nov-14	19.51	34.60	17.0	7.20	477	1.08	162	0.00	120
15-Dec-14	17.99	36.12	15.6	6.45	541	2.06	24	n/m	
10-Mar-15	17.09	37.02	11.7	5.82	502	3.42	-224.7	n/m	
25-Jun-15	18.01	36.10	13.4	5.42	474	3.58	85.9	n/m	
24-Sep-15	20.22	33.89	15.8	7.00	409	12.01	-7.3	n/m	320 B
08-Dec-15	20.98	33.13	15.5	10.07	597	6.54	15.3	n/m	950
23-Mar-16	19.21	34.90	14.0	10.12	678	10.82	208.3	n/m	2500 (<50)
15-Jun-16	19.82	34.29	15.0	9.20	413	4.77	115.4	n/m	5000 (470)
27-Sep-16	21.54	32.57	19.3	6.50	--	8.30	325	n/m	420 (<48)
20-Dec-16	21.77	32.34	14.6	10.74	800	7.54	-21.1	n/m	4700 (<48)
28-Mar-17	20.62	33.49	10.2	7.38	805	4.28	-61.7	n/m	
14-Jun-17	19.30	34.81	15.8	8.33	545	4.95	152.2	n/m	110
26-Sep-17	20.39	33.72	20.4	10.44	2985	18.29	8.1	n/m	240 B

Table 1 - Historic Groundwater Field Data Summary (to Current)

KEY

Temperature recorded in C
 Conductivity measured in uS
 Dissolved Oxygen measured in mg/l
 Eh measured in Mv
 Ozone measured in mg/l
 B = Analyte in a blank
 Total Concentration / Duplicate Concentration (Dissolved Concentration)

GT-2	PARAMETER								
	Depth to water (ft)	Groundwater Elevation (ft)	Temp °C	pH	Cond. uS	D.O. mg/L	Eh mV	Ozone	MSRO ug/L
12-Mar-09	16.38	37.75	12.9	7.14	500	0.77	167	ND	
17-Jun-09	15.63	38.50	13.0	7.63	270	3.29	57	0.06	
22-Sep-09	16.95	37.18	17.0	7.01	711	2.00	77	0.40	
30-Dec-09	16.40	37.73	14.2	6.95	427	2.05	95	0.02	
02-Feb-10	16.66	37.47	12.8	7.14	330	2.84	232	0.00	67
24-Mar-10	13.70	40.43	12.7	7.11	452	2.00	92	0.00	
22-Jun-10	15.10	39.03	16.5	7.14	1064	1.17	-29	0.00	
22-Sep-10	18.61	35.52	17.0	7.09	302	2.55	-33	n/m	
15-Dec-10	19.22	34.91	13.8	7.09	384	2.80	-40	0.00	
24-Mar-11	17.77	36.36	11.6	7.05	530	3.14	-25	0.00	
16-Jun-11	16.90	37.23	16.0	7.02	667	3.36	-30	0.00	
15-Sep-11	15.77	38.36	19.0	7.06	644	2.92	-141	0.00	
16-Dec-11	16.33	37.80	15.1	7.10	476	3.05	-105	0.00	
13-Mar-12	17.57	36.56	14.0	7.05	403	3.00	-55	0.00	
20-Jun-12	17.40	36.73	16.8	7.08	426	2.68	-38	0.00	
28-Aug-12	18.36	35.77	18.5	7.17	398	3.07	-40	0.00	
25-Oct-12	19.10	35.03	17.5	7.06	315	2.11	-10	0.00	
20-Dec-12	19.30	34.83	15.3	7.42	319	3.50	-55	0.00	
14-Mar-13	17.50	36.63	12.1	7.32	317	3.05	-40	0.00	
20-Jun-13	16.13	38.00	16.0	7.11	350	2.31	-21	0.00	
24-Sep-13	19.00	35.13	17.2	7.05	404	2.04	-2	0.00	
18-Dec-13	20.21	33.92	14.6	7.05	288	2.47	4	0.00	
25-Feb-14	19.37	34.76	12.2	8.11	187	3.50	240	0.00	
11-Jun-14	17.22	36.91	14.5	6.07		3.76	200.4	0.00	
26-Aug-14	17.61	36.52	17.5	7.58	647	3.07	189	n/m	
12-Nov-14	19.38	34.75	16.2	7.30	575	2.98	156	0.00	
16-Dec-14	17.86	36.27	13.8	6.69	619	8.26	110	n/m	
10-Mar-15	16.99	37.14	11.7	6.85	513	5.10	-198.9	n/m	
25-Jun-15	17.95	36.18	14.1	4.74	387	6.18	301	n/m	
23-Sep-15	20.10	34.03	17.5	7.50	559	7.29	245.2	n/m	100
07-Dec-15	20.91	33.22	14.8	6.21	689	5.51	67.5	n/m	
23-Mar-16	19.11	35.02	12.6	7.96	715	6.41	238.9	n/m	
14-Jun-16	19.72	34.41	15.0	6.46	659	7.72	193.1	n/m	
27-Sep-16	21.58	32.55	17.8	7.53	328	5.83	254.2	n/m	
19-Dec-16	21.69	32.44	10.0	6.96	631	3.53	37.8	n/m	
27-Mar-17	20.57	33.56	10.4	6.17	622	5.27	108.8	n/m	
13-Jun-17	19.18	34.95	16.6	5.95	498	3.96	-101.9	n/m	
25-Sep-17	20.35	33.78	20.4	6.39	440	3.93	105.6	n/m	

Table 1 - Historic Groundwater Field Data Summary (to Current)

KEY

Temperature recorded in C
Conductivity measured in uS
Dissolved Oxygen measured in mg/l
Eh measured in Mv
Ozone measured in mg/l
B = Analyte in a blank
Total Concentration / Duplicate Concentration (Dissolved Concentration)

GT-3	PARAMETER								
	Depth to water (ft)	Groundwater Elevation (ft)	Temp °C	pH	Cond. uS	D.O. mg/L	Eh mV	Ozone	MSRO ug/L
12-Mar-09	15.28	38.24	11.7	7.36	214	6.60	125	0.20	
17-Jun-09	14.52	39.00	13.3	7.69	219	6.30	68	0.10	
22-Sep-09	15.83	37.69	18.0	7.25	300	6.70	50	0.01	
30-Dec-09	15.31	38.21	14.4	6.95	186	4.22	97	0.05	
02-Feb-10	15.58	37.94	13.2	7.13	215	7.68	243	0.05	
24-Mar-10	12.63	40.89	10.9	7.08	174	8.24	118	0.00	
22-Jun-10	14.11	39.41	16.0	7.10	226	6.30	49	0.00	
22-Sep-10	17.49	36.03	18.0	7.07	176	2.00	55	n/m	
15-Dec-10	18.15	35.37	14.2	7.07	120	2.18	15	0.00	
24-Mar-11	16.84	36.68	10.7	7.60	160	7.36	15	0.00	
16-Jun-11	16.00	37.52	14.0	7.44	226	7.85	21	0.00	
15-Sep-11	14.85	38.67	19.0	7.02	158	6.99	-37	0.00	
16-Dec-11	15.37	38.15	16.0	7.06	189	4.95	-42	0.00	
14-Mar-12	16.65	36.87	14.0	7.04	191	3.58	-30	0.00	
20-Jun-12	16.49	37.03	16.0	7.21	82	3.54	-10	0.00	
28-Aug-12	17.41	36.11	20.2	7.05	402	6.01	-11	0.00	
25-Oct-12	18.15	35.37	18.4	7.43	134	3.18	-11	0.00	
20-Dec-12	18.37	35.15	15.3	7.85	97	3.81	25	0.00	
14-Mar-13	16.54	36.98	11.1	7.35	314	3.10	9	0.00	
20-Jun-13	15.21	38.31	15.6	7.16	135	6.15	7	0.00	
24-Sep-13	18.03	35.49	17.5	7.66	189	4.01	14	0.00	120
18-Dec-13	19.29	34.23	13.8	7.59	293	4.28	11	0.00	81
25-Feb-14	18.42	35.10	11.6	8.69	306	8.06	206	0.00	
11-Jun-14	16.28	37.24	13.0	8.29		10.62	182.4	0.00	
26-Aug-14	16.66	36.86	17.0	8.40	300	7.95	106	n/m	
12-Nov-14	18.45	35.07	16.3	7.18	615	4.88	170	0.00	
15-Dec-14	16.93	36.59	17.0	6.73	224	6.34	72	n/m	
10-Mar-15	16.06	37.46	8.1	7.88	86	13.37	-203.4	n/m	
25-Jun-15	17.00	36.52	12.9	8.25	371	8.70	83	n/m	
23-Sep-15	19.13	34.39	17.8	7.21	502	8.16	210.4	n/m	
07-Dec-15	19.96	33.56	16.3	11.48	875	11.11	29.9	n/m	
23-Mar-16	18.18	35.34	11.3	10.50	302	11.56	175.9	n/m	
14-Jun-16	18.79	34.73	13.7	10.63	452	12.09	84.4	n/m	
27-Sep-16	20.62	32.90	18.9	11.58	1050	13.09	16.6	n/m	
19-Dec-16	20.78	32.74	11.5	8.22	392	3.87	19.7	n/m	
27-Mar-17	19.64	33.88	9.0	9.50	359	10.41	100.6	n/m	
13-Jun-17	18.24	35.28	16.3	9.08	238	8.94	6.7	n/m	
25-Sep-17	19.40	34.12	18.5	9.81	298	15.15	7.19	n/m	

Table 1 - Historic Groundwater Field Data Summary (to Current)

KEY

Temperature recorded in C
Conductivity measured in uS
Dissolved Oxygen measured in mg/l
Eh measured in Mv
Ozone measured in mg/l
B = Analyte in a blank
Total Concentration / Duplicate Concentration (Dissolved Concentration)

GT-4	PARAMETER								
	Depth to water (ft)	Groundwater Elevation (ft)	Temp °C	pH	Cond. uS	D.O. mg/L	Eh mV	Ozone	MSRO ug/L
30-Dec-09	14.85	37.45	15.0	7.75	171	2.05	75	over range	
02-Feb-10	15.11	37.19	11.9	7.11	268	5.26	76	over range	
24-Mar-10	12.14	40.16	11.8	7.03	160	6.88	22	over range	
22-Jun-10	13.61	38.69	14.0	7.08	73	3.01	65	over range	
22-Sep-10	17.12	35.18	16.9	7.04	212	2.82	49	n/m	
15-Dec-10	17.65	34.65	16.8	7.02	232	3.05	50	0	
24-Mar-11	16.20	36.10	12.8	7.70	190	4.20	50	0	
16-Jun-11	15.42	36.88	13.5	7.03	130	3.50	30	0	
15-Sep-11	14.31	37.99	17.0	7.32	154	3.85	15	0	
16-Dec-11	14.73	37.57	16.8	7.13	177	3.58	10	over range	
14-Mar-12	16.03	36.27	14.3	7.03	197	3.95	11	over range	
20-Jun-12	15.89	36.41	15.2	7.05	188	4.20	15	over range	
28-Aug-12	16.90	35.40	17.2	7.10	190	2.60	10	over range	
25-Oct-12	17.57	34.73	18.0	7.14	150	3.55	20	over range	
20-Dec-12	17.73	34.57	16.5	8.20	119	4.05	-22	0.00	
14-Mar-13	15.96	36.34	13.3	7.88	121	4.00	-10	0.00	
20-Jun-13	14.65	37.65	14.0	8.14	143	3.05	-5	0.00	
24-Sep-13	17.50	34.80	15.9	7.41	119	3.22	1		
18-Dec-13	18.64	33.66	16.0	7.48	143	3.80	5	0.00	
25-Feb-14	17.78	34.52	12.6	8.28	98	6.28	176	0.00	
11-Jun-14	15.68	36.62	12.2	5.62		4.30	206	0.00	
26-Aug-14	16.02	36.28	16.5	7.55		5.88	-55	n/m	
12-Nov-14	17.90	34.40	18.0	7.60	156	4.55	-60	0.00	
15-Dec-14	16.27	36.03	17.0	6.73	224	6.34	72	n/m	
10-Mar-15	15.42	36.88	12.3	9.42	57	10.90	-178	n/m	
25-Jun-15	16.47	35.83	12.6	4.10	217	3.45	288.9	n/m	
23-Sep-15	18.59	33.71	16.0	8.83	331	5.23	15.3	n/m	
07-Dec-15	19.34	32.96	15.9	6.39	369	4.46	4.9	n/m	
23-Mar-16	17.55	34.75	12.8	8.93	157	4.80	254.5	n/m	
14-Jun-16	18.17	34.13	14.0	7.25	176	4.83	50	n/m	
27-Sep-16	20.03	32.27	16.7	9.08	228	2.99	165.1	n/m	
19-Dec-16	20.10	32.20	12.6	7.62	681	2.34	-63.8	n/m	
28-Mar-17	18.96	33.34	9.8	7.22	135	3.49	78.8	n/m	
13-Jun-17	17.62	34.68	15.7	6.12	192	5.55	-71.2	n/m	
25-Sep-17	18.84	33.46	18.9	5.09	180	5.87	141.1	n/m	

Table 1 - Historic Groundwater Field Data Summary (to Current)

KEY

Temperature recorded in C
 Conductivity measured in uS
 Dissolved Oxygen measured in mg/l
 Eh measured in Mv
 Ozone measured in mg/l
 B = Analyte in a blank
 Total Concentration / Duplicate Concentration (Dissolved Concentration)

GT-5	PARAMETER								
	Depth to water (ft)	Groundwater Elevation (ft)	Temp °C	pH	Cond. uS	D.O. mg/L	Eh mV	Ozone	MSRO ug/L
12-Mar-09	16.75	37.54	13.2	7.14	190	5.44	127	0.10	
17-Jun-09	16.03	38.26	14.5	7.11	221	7.30	50	0.15	
22-Sep-09	17.4	36.89	15.0	7.71	452	6.51	34	0.09	
30-Dec-09	16.81	37.48	12.5	6.92	231	4.96	112	0.10	
02-Feb-10	17.03	37.26	12.9	7.13	315	6.21	113	0.00	
24-Mar-10	14.10	40.19	13.0	7.12	218	5.95	217	0.00	
22-Jun-10	15.61	38.68	15.0	7.09	207	8.02	-46	0.00	
22-Sep-10	19.08	35.21	15.4	7.07	294	4.25	-35	n/m	
15-Dec-10	19.61	34.68	14.8	7.07	243	3.55	-10	0.00	
24-Mar-11	18.18	36.11	13.9	7.34	326	4.08	-15	0.00	
16-Jun-11	17.33	36.96	15.0	7.05	236	4.00	-10	0.00	
15-Sep-11	16.23	38.06	17.0	7.38	142	6.95	6	0.00	
16-Dec-11	16.68	37.61	15.7	7.09	173	5.20	10	0.00	
14-Mar-12	18.00	36.29	15.2	7.07	302	4.02	15	0.00	
20-Jun-12	17.81	36.48	15.8	7.07	315	4.00	15	0.00	
28-Aug-12	18.81	35.48	16.1	7.80	186	5.59	11	0.00	
25-Oct-12	19.51	34.78	15.8	7.15	232	3.95	14	0.00	
20-Dec-12	19.71	34.58	15.0	7.84	110	3.70	40	0.00	
14-Mar-13	17.90	36.39	12.0	7.25	516	2.88	-8	0.00	
20-Jun-13	16.56	37.73	15.1	7.90	129	6.03	2	0.00	570
24-Sep-13	19.42	34.87	15.0	10.98	991	6.88	10		
18-Dec-13	20.60	33.69	15.1	9.81	410	6.81	14	0.00	
25-Feb-14	19.73	34.56	11.0	9.06	306	7.46	60	0.00	
11-Jun-14	17.62	36.67	14.1	11.27		12.54	-6.7		140
26-Aug-14	17.97	36.32	17.0	8.80	324	8.01	59	n/m	300
12-Nov-14	19.80	34.49	16.0	6.98	596	2.88	70	0.00	
15-Dec-14	18.24	36.05	12.1	6.30	336	6.76	123	n/m	
10-Mar-15	17.39	36.90	12.5	6.53	245	5.42	-207.3	n/m	
25-Jun-15	18.39	35.90	12.7	5.76	256	6.75	140	n/m	
24-Sep-15	20.53	33.76	13.7	6.45	585	14.85	126.5	n/m	
08-Dec-15	21.31	32.98	14.5	10.58	965	12.78	-3.4	n/m	
23-Mar-16	19.51	34.78	14.4	9.83	581	13.48	201.5	n/m	
15-Jun-16	20.13	34.16	15.3	9.95	427	10.61	86.2	n/m	
27-Sep-16	21.98	32.31	16.2	10.21	--	11.32	152.5	n/m	
19-Dec-16	22.06	32.23	14.0	6.46	816	5.08	-48.9	n/m	
28-Mar-17	20.92	33.37	9.7	7.84	347	7.36	65.1	n/m	
28-Mar-17	20.92	33.37	9.7	7.84	347	7.36	65.1	n/m	
13-Jun-17	19.58	34.71	16.7	11.11	617	13.57	-122.2	n/m	
25-Sep-17	20.78	33.51	18.7	11.86	1383	22.28	5.2	n/m	

Table 1 - Historic Groundwater Field Data Summary (to Current)

KEY

Temperature recorded in C
 Conductivity measured in uS
 Dissolved Oxygen measured in mg/l
 Eh measured in Mv
 Ozone measured in mg/l
 B = Analyte in a blank
 Total Concentration / Duplicate Concentration (Dissolved Concentration)

GT-6									
	PARAMETER								
	Depth to Water (ft)	Groundwater Elevation (ft)	Temp	pH	Cond.	D.O.	Eh	Ozone	MSRO
			°C		uS	mg/L	mV		ug/L
26-Aug-14	17.35	36.91	Meters did not stabilize. Data not considered reliable.						3600
12-Nov-14	19.74	34.52	16.9	7.33	603	2.20	130	n/m	1300
15-Dec-14	18.16	36.10	15.4	6.24	708	4.61	33.8	n/m	3600
10-Mar-15	17.32	36.94	12.9	7.04	342	3.70	-234.1	n/m	240 / 350
25-Jun-15	18.33	35.93	12.9	4.16	369	4.40	280	n/m	1300 / 1100
24-Sep-15	20.49	33.77	15.8	7.53	613	10.38	-24.3	n/m	4900 / 3800
08-Dec-15	21.28	32.98	15.7	8.36	510	3.94	38.8	n/m	2600 / 1700
23-Mar-16	19.46	34.80	13.4	6.49	425	4.82	88.1	n/m	170 (120)
23-Mar-16	Duplicate								140 (130)
15-Jun-16	20.08	34.18	14.4	6.71	443	6.06	160.9	n/m	110 (<48)
15-Jun-16	Duplicate								94 (<48)
27-Sep-16	21.95	32.31	17.5	10.64	--	8.33	928	n/m	<48 (<48)
27-Sep-16	Duplicate								200 (220)
20-Dec-16	22.01	32.25	14.8	6.60	775	4.38	-4.5	n/m	
28-Mar-17	20.89	33.37	8.8	8.52	402	3.97	153.2	n/m	
13-Jun-17	19.54	34.72	8.8	8.52	402	3.97	153.2	n/m	220
26-Sep-17	20.75	33.51	17.4	7.36	455	6.84	246.3	n/m	190 B
GT-7									
	PARAMETER								
	Depth to Water (ft)	Groundwater Elevation (ft)	Temp	pH	Cond.	D.O.	Eh	Ozone	MSRO
			°C		uS	mg/L	mV		ug/L
26-Aug-14	17.41	36.37	Meter did not stabilize. Data not considered reliable.						
12-Nov-14	19.40	34.38	17.0	7.58	547	3.20	162	n/m	
15-Dec-14	17.83	35.95	15.3	6.29	400	2.70	107	n/m	
10-Mar-15	17.02	36.76	12.2	6.46	304	4.36	-212.6	n/m	
25-Jun-15	17.96	35.82	13.2	5.04	391	6.14	180.3	n/m	
24-Sep-15	20.12	33.66	15.5	6.73	580	10.80	7.9	n/m	80
08-Dec-15	20.9	32.88	14.4	7.44	614	6.46	40.8	n/m	
23-Mar-16	19.12	34.66	13.2	5.92	717	6.67	58.5	n/m	
15-Jun-16	19.68	34.10	14.8	6.10	520	6.25	184.2	n/m	
27-Sep-16	21.59	32.19	16.8	9.78	425	6.29	195	n/m	
20-Dec-16	21.56	32.22	14.0	7.22	864	3.52	35.7	n/m	
28-Mar-17	20.53	33.25	9.3	6.20	436	4.95	75.9	n/m	
13-Jun-17	19.19	34.59	15.8	7.02	471	4.68	-61.2	n/m	
26-Sep-17	20.39	33.39	18.4	5.80	314	4.57	274.8	n/m	

Table 1 - Historic Groundwater Field Data Summary (to Current)

KEY

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Dissolved Oxygen measured in mg/l
Eh measured in Mv
Ozone measured in mg/l
B = Analyte in a blank
Total Concentration / Duplicate Concentration (Dissolved Concentration)

VE-1(R)									
	Depth to water (ft)	Groundwater Elevation (ft)	Temp	pH	Cond.	D.O.	Eh	Ozone	MSRO
			°C		uS	mg/L	mV		ug/L
12-Mar-09	16.57		12.0	6.94	212	5.63	178	0.11	8000
17-Jun-09	15.53		17.0	7.84	388	1.97	-109	over range	23000
22-Sep-09	17.15		19.2	7.64	547	1.60	-123	0.03	8400
30-Dec-09	16.59		12.0	6.75	334	1.66	-49	0.09	23000
02-Feb-10	16.83		12.0	7.09	221	2.60	-15	0.02	43000
24-Mar-10	13.90		12.1	7.39	392	34.70	202	over range	5400
22-Jun-10	15.36		17.1	7.08	261	3.93	-60	0.00	8100
22-Sep-10	DRY								
15-Dec-10	DRY								
24-Mar-11	17.95		11.8	7.10	267	4.42	-10	0.00	8300
16-Jun-11	17.13		16.8	7.02	251	3.26	-15	0.00	13000
15-Sep-11	16.00		19.5	7.09	184	1.61	-122	0.00	680
16-Dec-11	16.51		14.2	7.00	181	1.88	-104	0.00	10000
14-Mar-12	17.78		14.6	7.20	205	1.80	-120	0.00	2600
20-Jun-12	17.62		18.5	7.10	229	2.10	-105	0.00	2400
28-Aug-12	Dry								
25-Oct-12	18.90		19.2	7.17	232	3.95	14	0.18	20000
20-Dec-12	19.10		16.2	7.02	141	1.88	-50	0.00	12000
14-Mar-13	17.29		12.0	7.21	169	2.05	-50	0.00	9900
20-Jun-13	16.03		14.5	7.07	234	2.20	-10	0.00	22000
24-Sep-13	18.75		17.8	10.73	492	6.90	18	0.00	42000
18-Dec-13	20.00		16.6	9.43	225	6.98	20	0.00	44000
25-Feb-14	19.11		10.9	9.97	463	5.07	-10	0.00	14000
11-Jun-14	17.02		13.7	8.66		5.40	-102	0.00	18000
26-Aug-14	17.38		18.0	8.66	487	6.04	65	n/m	36000
12-Nov-14	19.28		17.0	7.28	2839	3.98	163	0.00	110
16-Dec-14	17.63		12.6	6.56	703	1.52	119.1	n/m	
25-Jun-15	17.78		12.8	4.61	569	1.83	57.3	n/m	110 B
24-Sep-15	19.89		17.9	6.80	551	7.90	-88.1	n/m	250 B
08-Dec-15	20.71		15.8	9.33	1387	3.02	-18.6	n/m	383
23-Mar-16	19.94		13.2	9.36	686	6.66	225.7	n/m	180 (130)
15-Jun-16	19.50		14.4	9.17	736	5.28	-95.5	n/m	410 (<48)
27-Sep-16	23.01		19.1	12.10	2186	15.51	-52.5	n/m	1200 (240)
20-Dec-16	23.92		15.0	11.45	3314	9.49	-73	n/m	1900 (<48)
28-Mar-17	20.39		9.5	7.92	643	6.98	84.9	n/m	270 (79)
14-Jun-17	19.02		15.4	6.45	502	1.62	-169	n/m	100 / 120
26-Sep-17	20.09		21.7	5.51	657	4.60	123.4	n/m	50 JB / 84 B

Table 1 - Historic Groundwater Field Data Summary (to Current)

KEY

Temperature recorded in C
Conductivity measured in uS
Dissolved Oxygen measured in mg/l
Eh measured in Mv
Ozone measured in mg/l
B = Analyte in a blank
Total Concentration / Duplicate Concentration (Dissolved Concentration)

VE-5	PARAMETER								
	Depth to water (ft)	Groundwater Elevation (ft)	Temp	pH	Cond.	D.O.	Eh	Ozone	MSRO
			°C		uS	mg/L	mV		ug/L
12-Mar-09	15.94		12.0	6.94	212	5.63	178	0.11	190
17-Jun-09	15.20		15.5	8.01	259	5.60	55	0.06	390
22-Sep-09	16.53		19.0	7.50	313	9.65	30	0.01	
30-Dec-09	15.97		13.0	6.55	249	5.22	131	over range	
02-Feb-10	16.23		12.5	7.12	252	8.00	382	over range	
24-Mar-10	13.26		12.5	7.13	218	8.20	153	over range	
22-Jun-10	14.76		16.8	7.10	275	8.16	-36	over range	
22-Sep-10	18.20		19.0	7.04	210	3.20	-40	n/m	
15-Dec-10	18.80		15.0	7.08	221	3.05	20	0	
24-Mar-11	17.33		11.9	7.12	188	6.02	5	0	
16-Jun-11	16.50		15.8	7.04	255	6.15	7	over range	
14-Sep-11	15.38		18.0	7.04	184	4.70	37	0	
16-Dec-11	15.90		14.6	7.08	220	3.85	25	over range	
14-Mar-12	17.14		14.8	7.07	188	3.25	10	over range	
20-Jun-12	17.00		18.0	7.07	162	3.05	2	over range	
28-Aug-12	17.95		18.4	7.15	205	5.20	10	over range	
25-Oct-12	N/S								
20-Dec-12	18.90		15.0	7.03	163	3.80	11	0.00	
14-Mar-13	17.07		11.0	7.20	163	3.71	18	0.00	
20-Jun-13	15.57		17.4	7.40	257	6.70	14	0.00	
24-Sep-13	18.59		17.8	7.62	180	4.01	5	0.00	
18-Dec-13	19.83		13.8	8.01	119	3.82	2	0.00	
14-Feb-14	18.95		8.9	7.55	316	2.09	235	0.00	
11-Jun-14	16.83		14.4	6.96		8.27	241.2	0.00	
26-Aug-14	17.25		18.5	7.48	165	3.04	79	n/m	
13-Nov-14	19.07		17.5	7.50	205	3.35	85	0.00	
16-Dec-14	17.44		13.2	7.25	254	17.92	138	n/m	
10-Mar-15	16.56		10.7	7.18	215	8.06	-198.5	n/m	
25-Jun-15	17.53		19.8	7.38	317	7.22	156.9	n/m	
23-Sep-15	19.69		17.7	8.49	365	13.74	145.8	n/m	97
07-Dec-15	20.51		13.4	8.96	624	7.45	147.8	n/m	
23-Mar-16	18.72		11.8	9.39	557	7.86	199.8	n/m	
14-Jun-16	19.32		16.5	7.70	318	7.11	148.7	n/m	
27-Sep-16	21.12		18.6	6.10	253	9.02	209.5	n/m	
19-Dec-16	21.28		8.7	7.90	437	4.28	60.7	n/m	
28-Mar-17	20.16		8.9	6.97	225	7.53	747	n/m	
13-Jun-17	18.79		13.1	6.10	246	6.49	-86.1	n/m	
26-Sep-17	19.95		18.6	6.08	234	7.56	256.3	n/m	

Table 1 - Historic Groundwater Field Data Summary (to Current)

KEY

Temperature recorded in C
Conductivity measured in uS
Dissolved Oxygen measured in mg/l
Eh measured in Mv
Ozone measured in mg/l
B = Analyte in a blank
Total Concentration / Duplicate Concentration (Dissolved Concentration)

VP-A	PARAMETER								
	Depth to water (ft)	Groundwater Elevation (ft)	Temp	pH	Cond.	D.O.	Eh	Ozone	MSRO
			°C		uS	mg/L	mV		ug/L
30-Dec-09		Not Accessible							99
02-Feb-10	18.13		14.1	7.11	350	9.15	224	0.00	
24-Mar-10	15.18		13.5	7.11	271	9.66	144	over range	
22-Jun-10	16.50		15.5	7.13	188	10.23	-60	over range	
22-Sep-10	20.05		17.5	7.11	376	3.95	-45	n/m	
15-Dec-10	20.68		16.0	7.06	292	3.55	-35	0	
24-Mar-11	19.20		13.5	7.10	255	6.10	-20	0	
16-Jun-11	18.40		13.8	7.57	318	8.30	-12	0	
15-Sep-11	17.30		18.0	7.07	90	7.30	28	0	
16-Dec-11	17.79		16.6	7.06	233	5.88	15	0	
14-Mar-12	19.06		14.8	7.03	254	4.01	20	0	
20-Jun-12	18.90		15.5	7.04	294	3.55	18	0	
28-Aug-12	19.84		16.8	7.16	367	6.20	8	0	
25-Oct-12	N/S								
20-Dec-12	20.78		16.0	7.02	255	1.80	-22	0.00	
14-Mar-13	17.07		11.0	7.20	163	3.71	18	0.00	
20-Jun-13	17.63		14.1	7.28	250	7.05	-1	0.00	
24-Sep-13	20.49		16.9	7.70	156	5.01	-10	0.00	100
18-Dec-13	21.69		14.7	7.05	277	4.92	-5	0.00	110
25-Feb-14	20.84		12.7	7.78	326	4.20	247	0.00	
11-Jun-14	18.71		12.9	8.88		11.39	168.4	0.00	
26-Aug-14	19.16		17.0	8.59	477	5.33	46	n/m	
13-Nov-14	18.50		17.8	7.85	485	3.88	125	0.00	
15-Dec-14	19.32		15.7	6.77	337	15.20	101	n/m	
10-Mar-15	18.45		13.9	8.26	323	107.00	-178	n/m	
25-Jun-15	19.42		12.2	9.46	415	10.86	122.6	n/m	
23-Sep-15	21.60		15.1	10.00	629	13.95	80.2	n/m	90
09-Dec-15	22.37		15.1	10.32	715	9.82	44.4	n/m	
23-Mar-16	20.61		14.4	11.32	618	127.70	119.1	n/m	
14-Jun-16	21.19		13.6	10.76	653	12.50	65.9	n/m	71
27-Sep-16	23.11		20.5	6.51	--	9.03	251.9	n/m	
20-Dec-16	23.17		13.3	8.63	614	5.96	-53.9	n/m	
28-Mar-17	22.04		11.5	7.38	351	9.47	128.3	n/m	
13-Jun-17	20.67		15.8	9.28	423	9.67	45.7	n/m	
26-Sep-17	21.86		19.0	8.41	319	10.98	218.3	n/m	

Table 1 - Historic Groundwater Field Data Summary (to Current)

KEY

Temperature recorded in C
 Conductivity measured in uS
 Dissolved Oxygen measured in mg/l
 Eh measured in Mv
 Ozone measured in mg/l
 B = Analyte in a blank
 Total Concentration / Duplicate Concentration (Dissolved Concentration)

VP-B	PARAMETER								
	Depth to water (ft)	Groundwater Elevation (ft)	Temp °C	pH	Cond. uS	D.O. mg/L	Eh mV	Ozone	MSRO ug/L
30-Dec-09	16.28		15.1	7.53	211	1.79	170	0.03	58
02-Feb-10	16.55		14.1	7.04	340	9.01	190	over range	66
24-Mar-10	13.68		13.8	7.09	229	7.14	137	over range	120
22-Jun-10	15.08		15.5	7.13	245	9.40	12	over range	
22-Sep-10	18.61		17.0	7.09	370	4.00	16	n/m	
15-Dec-10	19.20		14.9	7.03	370	2.97	20	0	
24-Mar-11	17.75		13.8	7.57	196	5.95	-15	0	
16-Jun-11	16.92		14.0	7.02	161	8.39	-19	over range	
15-Sep-11	15.81		17.5	7.30	96	7.40	-27	0	
16-Dec-11	16.30		16.3	7.56	171	4.99	-30	over range	
14-Mar-12	17.57		14.5	7.05	198	3.91	-15	over range	
20-Jun-12	17.40		15.8	7.03	150	3.88	-10	over range	
28-Aug-12	18.39		17.0	7.18	164	5.88	-25	over range	
25-Oct-12	N/S								
20-Dec-12	19.30		16.0	7.03	183	2.55	-30	0.00	
14-Mar-13	17.53		13.2	7.51	503	2.80	-22	0.00	
20-Jun-13	16.16		13.7	7.64	157	6.72	-10	0.00	
24-Sep-13	19.00		16.8	7.77	170	4.80	-2	0.00	100
18-Dec-13	20.21		14.6	7.19	191	4.01	-1	0.00	93
25-Feb-14	19.35		14.0	7.87	189	7.41	239	0.00	
11-Jun-14	17.21		12.9	7.93		9.80	219.9	0.00	
26-Aug-14	17.67		16.2	8.22	332	6.52	94	n/m	
13-Nov-14	19.35		17.5	7.91	395	4.01	105	0.00	
15-Dec-14	17.81		15.9	6.60	312	11.48	109	n/m	
10-Mar-15	16.98		14.0	6.74	250	100.30	-175	n/m	
25-Jun-15	17.92		12.0	9.91	355	11.07	156.9	n/m	
23-Sep-15	20.10		15.1	10.44	613	12.48	76	n/m	69
09-Dec-15	20.90		15.6	10.48	775	8.25	44.1	n/m	
23-Mar-16	19.11		14.7	10.08	594	9.91	122.4	n/m	
14-Jun-16	19.72		13.7	10.06	518	11.79	81.1	n/m	69
27-Sep-16	21.47		17.4	7.11	--	7.99	263	n/m	
19-Dec-16	21.68		14.9	6.28	728	2.90	-74.8	n/m	
28-Mar-17	20.54		12.4	6.70	383	6.59	103	n/m	
14-Jun-17	19.17		14.6	7.77	372	7.49	34	n/m	
26-Sep-17	20.43		17.4	7.47	304	10.53	242.9	n/m	

Table 1 - Historic Groundwater Field Data Summary (to Current)

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Dissolved Oxygen measured in mg/l
Eh measured in Mv
Ozone measured in mg/l
B = Analyte in a blank
Total Concentration / Duplicate Concentration (Dissolved Concentration)

DW-1	PARAMETER								
	Depth to water (ft)	Groundwater Elevation (ft)	Temp	pH	Cond.	D.O.	Eh	Ozone	MSRO
			°C		uS	mg/L	mV		ug/L
24-Mar-05			7.7	7.51	543	5.8	95	n/c	
27-Jun-05			20.6	6.53	105	1.94	125	0	
20-Sep-05	9.50		25.5	6.27	110	1.87	-35	0	
13-Dec-05	6.95		12.0	7.41	43	11.21	45	0	
15-Mar-06	10.36		8.6	7.78	97	7.41	102	0.1	
22-Jun-06	8.90		18.5	7.46	66	7.00	88	-0.08	
26-Sep-06	8.36		22.4	7.03	65	3.74	34	0.05	
19-Dec-06	10.35		12.5	7.31	94	4.25	-41	-0.01	
27-Mar-07	8.70		8.5	7.16	209	5.2	-60	-0.08	
26-Jun-07	8.98		21.3	7.13	67	4.80	-25	0.10	
20-Sep-07	9.58		23.0	7.08	63	6.70	-46	0.07	
20-Dec-07	7.65		8.5	7.02	72	5.28	25	NA	
27-Mar-08	7.90		8.1	7.21	82	4.85	-123	ND	
19-Jun-08	4.30		22.4	7.13	56	6.55	-10	0.08	
25-Sep-08	DRY		n/a	n/a	n/a	n/a	n/a	n/a	
18-Dec-08	DRY	soil sample coll.	n/a	n/a	n/a	n/a	n/a	n/a	
12-Mar-09	10.48	soil sample coll.	13.0	7.30	65	6.55	-8	ND	
17-Jun-09	DRY	soil sample coll.	n/a	n/a	n/a	n/a	n/a	n/a	
22-Sep-09	DRY	soil sample coll.	n/a	n/a	n/a	n/a	n/a	n/a	
30-Dec-09	DRY	soil sample coll.	n/a	n/a	n/a	n/a	n/a	n/a	
02-Feb-10	DRY	soil sample coll.	n/a	n/a	n/a	n/a	n/a	n/a	
24-Mar-10	DRY	soil sample coll.	n/a	n/a	n/a	n/a	n/a	n/a	
22-Jun-10	DRY	soil sample coll.	n/a	n/a	n/a	n/a	n/a	n/a	
22-Sep-10	DRY	soil sample coll.	n/a	n/a	n/a	n/a	n/a	n/a	
15-Dec-10	DRY	soil sample coll.	n/a	n/a	n/a	n/a	n/a	n/a	
24-Mar-11	9.82		8.5	7.10	25	10.50	80	0.00	
16-Jun-11	8.58		22.0	7.09	67	5.60	45	0.00	
15-Sep-11	DRY	soil sample coll.							
16-Dec-11	DRY	soil sample coll.							
14-Mar-12	DRY	soil sample coll.							
20-Jun-12	DRY	soil sample coll.							
28-Aug-12	N/S								
25-Oct-12	DRY	soil sample coll.							
14-Mar-13	DRY	soil sample coll.							
20-Jun-13	DRY	soil sample coll.							
24-Sep-13	DRY	soil sample coll.							
18-Dec-13	DRY	soil sample coll.							
25-Feb-14	DRY	soil sample coll.							
11-Jun-14	DRY	soil sample coll.							

Table 1 - Historic Groundwater Field Data Summary (to Current)

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Dissolved Oxygen measured in mg/l
Eh measured in Mv
Ozone measured in mg/l
B = Analyte in a blank
Total Concentration / Duplicate Concentration (Dissolved Concentration)

DW-1	PARAMETER								
continued	Depth to water (ft)	Groundwater Elevation (ft)	Temp	pH	Cond.	D.O.	Eh	Ozone	MSRO
			°C		uS	mg/L	mV		ug/L
26-Aug-14	DRY	soil sample coll.							
12-Nov-14	DRY	soil sample coll.							
16-Dec-14	DRY	soil sample coll.							
10-Mar-15	9.71		4.4	6.34	442	146.20	-215.6	n/m	
25-Jun-15	n/m		20.2	6.56	40	4.98	228.5	n/m	
23-Sep-15	DRY	soil sample coll.							
09-Dec-15	DRY	soil sample coll.							
23-Mar-16	9.84		9.1	7.99	49	10.07	64.4	n/m	
14-Jun-16	9.72		21.4	9.19	53	7.27	102.4	n/m	
26-Sep-16	10.10		24.4	9.91	--	3.25	150.9	n/m	
19-Dec-16	8.73		7.4	7.28	79	6.36	-53	n/m	
28-Mar-17	9.85		5.0	7.45	218	9.72	80.2	n/m	
12-Jun-17	10.22		19.8	6.60	66	3.20	-200.5	n/m	
26-Sep-17	--		27.3	7.46	69	1.48	92.5	n/m	

Table 2
Groundwater Monitoring Results Summary (to Current)
Safety-Kleen Systems, Inc. - Corrective Action Program
N. Amityville, New York Facility

T.O.G.S 1.1.1 Standards		Volatile Organic Compounds Method 8260B (ug/L)												
Sample ID	Sample Date	50 Acetone	1 Benzene	5 Toluene	5 Ethylbenzene	5 Xylenes (Total)	5 Tetrachloroethene	5 Chlorobenzene	3 1,2- Dichlorobenzene	3 1,3- Dichlorobenzene	3 1,4- Dichlorobenzene	5 Total 1,2- Dichloroethene	5 1,1,1- Trichloroethane	50 Mineral Spirits
GT-1	3/14/1994	<50	<1	<5	51	410	<5	170	<3	21	81	<2	<5	NS
GT-1	2/9/1996	<50	<1	<5	5	49	<5	19	13	<3	12	<2	<5	444
GT-1	5/28/1996	<50	<1	<5	<5	16	<5	24	10	<3	13	<2	<5	186
GT-1	DUPLICATE	<50	<1	<5	<5	16	<5	23	<3	<3	13	11	<5	244
GT-1	8/22/1996	<50	<1	<5	8	76	<5	41	20	5	23	<2	<5	588
GT-1	12/2/1996	<50	<1	<5	<5	42	<5	18	10	<3	10	<2	<5	NS
GT-1	2/27/1997	<50	<1	<5		34	<5	16	7	<3	8	<2	<5	113
GT-1	2/27/1997	<50	<1	<5	0.8	29	<5	17	9	3	13	<2	<5	170
GT-1	5/28/1997	<50	<1	<5	6	52	<5	22	12	<3	11	<2	<5	<50
GT-1	DUPLICATE	<50	<1	<5	6	52	<5	22	12	<3	11	<2	<5	<50
GT-1	5/28/1997	<50	<1	<5	6	47	<5	20	9	<3	10	<2	<5	51
GT-1	9/9/1997	<50	<1	<5	22	167	<5	72.9	33.1	9.4	38.2	<2	<5	308
GT-1	DUPLICATE	<50	<1	<5	18.6	150	<5	64.8	29.1	8.5	32.6	<2	<5	277
GT-1	SPLIT	<50	<1	<5	17	130	<5	62	33	9	38	<2	<5	5000
GT-1	12/18/1997	<50	<1	<5	9	62	<5	26	16	4	18	<2	<5	43
GT-1	DUPLICATE	<50	<1	<5	8	61	<5	26	14	4	16	<2	<5	33
GT-1	6/25/1998	<50	<1	<5	<5	23.2	<5	15.6	17	<3	15.9	<2	<5	50.6
GT-1	DUPLICATE	<50	<1	<5	<5	22.9	<5	15.5	16.6	<3	15	<2	<5	55.4
GT-1	SPLIT	<50	<1	<5	<5	18	<5	<5	19	<3	16	<2	<5	<50
GT-1	10/13/1998	<50	<1	<5	8.9	70.3	<5	37.4	14.9	<3	21.4	<2	<5	96
GT-1	DUPLICATE	<50	<1	<5	7	55.8	<5	25.2	13.6	<3	16.9	<2	<5	113
GT-1	12/4/1998	<50	<1	<5	8.7	51	<5	26.5	16.1	<3	16.8	<2	<5	128
GT-1	DUPLICATE	<50	<1	<5	9.1	47.5	<5	26.1	15.6	<3	16	<2	<5	115
GT-1	6/16/1999	<50	<1	<5	9.5	53.9	<5	28.9	30.5	7.9	36.8	<2	<5	820
GT-1	DUPLICATE	<50	<1	<5	5.9	36.6	<5	18	26.5	7.5	34.7	<2	<5	335
GT-1	9/30/1999	<50	<1	<5	14.2	71.4	<5	45.4	31.2	7.2	34.2	<2	<5	<50
GT-1	DUPLICATE	<50	<1	<5	15.7	80.1	<5	49.4	36.9	8.9	41.4	<2	<5	<50
GT-1	12/22/1999	<50	<1	<5	9.4	42.7	<5	22.5	21.9	6.2	25.8	<2	<5	2480
GT-1	3/15/2000	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-1	DUPLICATE	<50	<1	<5	1	9	<5	5	4	1	4	0.3	<5	250
GT-1	6/28/2000	<50	<1	<5	7	36.3	<5	19.4	12.7	<3	13.2	<2	<5	92
GT-1	DUPLICATE	<50	<1	0.3	5	37	<5	19	17	4	19	2	<5	38.4
GT-1	9/20/2000	<50	<1	<5	<5	24.9	<5	11.2	13	<3	14.8	<2	<5	118
GT-1	DUPLICATE	<50	<1	<5	<5	10	<5	5	6	2	10	1	<5	23
GT-1	12/20/2000	<50	<1	<5	<5	7.9	<5	5.9	6.8	<3	7.6	<2	<5	87.4
GT-1	DUPLICATE	<50	<1	<5	<5		<5		<3	<3	<3	<2	<5	4
GT-1	3/15/2001	<50	<1	<5	<5	8.2	<5	6.9	5.9	<3	5.7	<2	<5	<50
GT-1	DUPLICATE	<50	<1	<5	<5	17	<5	8	9	<3	8	<2	<5	3
GT-1	8/23/2001	<50	<1	<5	5.1	20.1	<5	7.5	12.9	<3	11.9	<2	<5	186
GT-1	DUPLICATE	<50	<1	<5	5	22	<5	8	18	<3	<3	0.8	<5	450
GT-1	11/6/2001	<50	<1	<5	7	35	<5	15	25	<3	24	<2	<5	100
GT-1	DUPLICATE	<50	<1	<5	5	27	<5	11	20	<3	18	<2	<5	110
GT-1	2/5/2002	<50	<1	<5	<5	120	<5	<5	98	<3	92	<2	<5	120000
GT-1	DUPLICATE	<50	<1	<5	<5	170	<5	<5	160	<3	160	<2	<5	140000
GT-1	4/16/2002	<50	<1	<5	<5	53	<5	<5	68	<3	57	<2	<5	360000
GT-1	DUPLICATE	<50	<1	<5	<5	63	<5	<5	77	<3	66	<2	<5	490000
GT-1	10/11/2002	<50	<1	<5	5	17	<5	<5	20	4	18	<2	<5	130
GT-1	DUPLICATE	<50	<1	<5	5	19	<5	5	22	4	21	<2	<5	880
GT-1	1/23/2003	<50	<1	<5	<5	10	<5	<5	15	<3	13	<2	<5	340
GT-1	DUPLICATE	<50	<1	<5	<5	8	<5	<5	14	<3	12	<2	<5	800
GT-1	4/22/2003	<50	<1	<5	<5	11	<5	<5	20	4	18	<2	<5	310
GT-1	DUPLICATE	<50	<1	<5	<5	6	<5	<5	19	3	17	<2	<5	240
GT-1	7/22/2003	<50	<1	<5	<5	15	<5	<5	27	5	22	<2	<5	<50
GT-1	DUPLICATE	<50	<1	<5	<5	12	<5	<5	21	4	18	<2	<5	<50
GT-1	12/9/2003	<50	<1	<5	5	22	<5	13	33	9	40	<2	<5	560
GT-1	DUPLICATE	<50	<1	<5	5	22	<5	14	34	9	42	<2	<5	710
GT-1	3/25/2004 *	<50	<1	<5	<5	19	<5	8	44	9	41	<2	<5	490
GT-1	DUPLICATE	<50	<1	<5	<5	18	<5	9	42	9	43	<2	<5	<50
GT-1	6/29/2004	<50	<1	<5	<5	<5	<5	<5	8	<3	9	<2	<5	510

Table 2
Groundwater Monitoring Results Summary (to Current)
Safety-Kleen Systems, Inc. - Corrective Action Program
N. Amityville, New York Facility

T.O.G.S 1.1.1 Standards		Volatile Organic Compounds Method 8260B (ug/L)												
Sample ID	Sample Date	50 Acetone	1 Benzene	5 Toluene	5 Ethylbenzene	5 Xylenes (Total)	5 Tetrachloroethene	5 Chlorobenzene	3 1,2- Dichlorobenzene	3 1,3- Dichlorobenzene	3 1,4- Dichlorobenzene	5 Total 1,2- Dichloroethene	5 1,1,1- Trichloroethane	50 Mineral Spirits
GT-1	DUPLICATE	<50	<1	<5	<5	5	<5		13	<3	14	<2	<5	<50
GT-1	10/4/2004	<50	<1	<5	<5		<5	6	5	<3	8	<2	<5	<50
GT-1	DUPLICATE	<50	<1	<5	<5	5	<5	10	10	3	14	<2	<5	<50
GT-1	12/28/2004	<50	<1	<5	<5	6	<5	11	11	3	16	<2	<5	320
GT-1	3/24/2005	<50	<1	<5	<5	<5	<5	<5	<3	<3	6	<2	<5	440
GT-1	7/6/2005	<50	<1	<5	<5	<5	<5	<5	<3	<3	4	<2	<5	56
GT-1	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-1	9/20/2005	<50	<1	<5	<5	<5	<5	4	9	3	13	<2	<5	180
GT-1	12/13/2005	<50	<1	<5	<5	8	<5	10	17	6	32	<2	<5	1400
GT-1	3/15/2006	<50	<1	<5	<5	6	<5	9	26	5	26	<2	<5	2600
GT-1	6/22/2006	<50	<1	<5	<5	6	<5	9	24	9	29	<2	<5	3300
GT-1	9/26/2006	<50	<1	<5	<5	<5	<5	<5	15	3	15	<2	<5	3100
GT-1	12/19/2006	<50	<1	<5	<5	7	<5	<5	23	4	20	<2	<5	2500
GT-1	DUPLICATE	<50	<1	<5	<5	5	<5	<5	17	3	16	<2	<5	2700
GT-1	3/27/2007	<50	<1	<5	<5	<5	<5	<5	12	<3	12	<2	<5	1600
GT-1	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	13	<3	13	<2	<5	1400
GT-1	6/26/2007	<50	<1	<5	<5	<5	<5	<5	10	<3	12	<2	<5	880
GT-1	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	8	<3	9	<2	<5	1400
GT-1	9/20/2007	<50	<1	<5	<5	5	<5	<5	18	5	20	<2	<5	2400
GT-1	DUPLICATE	<50	<1	<5	<5	7	<5	<5	24	5	24	<2	<5	3000
GT-1	10/16/2007	<50	<1	<5	<5		<5	<5	<3	<3	4	<2	<5	200
GT-1	DUPLICATE	<50	<1	<5	<5	8	<5	6	24	7	31	<2	<5	2800
GT-1	12/20/2007	<50	<1	<5	<5	<5	<5	<5	7	<3	7	<2	<5	720
GT-1	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	7	<3	7	<2	<5	550
GT-1	3/27/2008	<50	<1	<5	<5	<5	<5	<5	6	<3	8	<2	<5	480
GT-1	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	6	<3	9	<2	<5	1300
GT-1	6/19/2008	<50	<1	<5	<5	<5	<5	<5	7	<3	10	<2	<5	1900
GT-1	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	8	<3	10	<2	<5	1900
GT-1	9/25/2008	<50	<1	<5	<5	<5	<5	<5	18	4	20	<2	<5	3100
GT-1	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	18	4	21	<2	<5	3000
GT-1	12/18/2008	<50	<1	<5	<5	<5	<5	<5	8.7	<3	11	<2	<5	1300
GT-1	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	8.6	<3	11	<2	<5	4800
GT-1	3/12/2009	<50	<1	5.7	<5	<5	<5	<5	6.3	<3	10	<2	<5	500
GT-1	DUPLICATE	<50	<1	6.3	<5	<5	<5	<5	5.6	<3	9.4	<2	<5	710
GT-1	6/17/2009	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	50
GT-1	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	73
GT-1	9/22/2009	<50	<1	<5	<5	<5	<5	<5	3.5	<3	6.2	<2	<5	530
GT-1	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	3.1	<3	5.8	<2	<5	680
GT-1	12/30/2009	<0.58	<0.14	<0.18	<0.14	<0.3	3.0J	<0.057	1.3J	0.52J	2.3J	<0.24	<0.16	1300E
GT-1	DUPLICATE	1.2J	<0.14	<0.18	<0.14	<0.3	1.2J	<0.057	1.2J	0.55J	<0.17	<0.24	<0.16	1400E
GT-1	2/2/2010	0.65J	<0.14	<0.18	<0.14	2.7J	2.5J	0.14J	2.0J	0.80J	<0.17	<0.24	<0.16	1000
GT-1	DUPLICATE	<0.58	<0.14	<0.18	<0.14	<0.3	3.4J	0.11J	1.2J	0.54J	2.3J	<0.24	<0.16	1100E
GT-1	3/24/2010	5.7J	<0.14	<0.18	<0.14	<0.3	0.88	<0.057	1.6J	1.1J	4.1J	<0.24	<0.16	6400
GT-1	DUPLICATE	7.6J	<0.14	<0.18	<0.14	<0.3	0.88	<0.057	1.6J	1.1J	4.2J	<0.24	<0.16	4500
GT-1	6/22/2010	0.74JB	<0.14	<0.18	<0.14	<0.3	1.6J	<0.057	1.3JH	0.56J	2.5J	<0.24	<0.16	3000
GT-1	DUPLICATE	0.59JB	<0.14	<0.18	<0.14	<0.3	1.6J	<0.057	1.5J	0.64J	2.9J	<0.24	<0.16	2400
GT-1	9/22/2010	1.1J	<0.14	<0.18	<0.14	0.71J	<0.11	<0.057	4.9	2.5J	10	<0.24	<0.16	18000
GT-1	DUPLICATE	1.4J	<0.14	<0.18	<0.14	<0.3	<0.11	<0.057	4.9	2.6J	11	<0.24	<0.16	16000
GT-1	12/15/2010	<2.3	<0.56	<0.72	<0.56	<1.2	0.52J	<0.23	9.1J	5.2J	21	<0.96	<0.64	12000
GT-1	DUPLICATE	<2.3	<0.56	<0.72	<0.56	0.91J	0.40J	<0.23	9.1	5.1	20	<0.96	<0.64	39000
GT-1	3/24/2011	4.1J	<0.14	<0.18	<0.14	0.65J	0.74J	<0.057	6.8	4	15	0.25J	<0.16	18000
GT-1	DUPLICATE	3.2J	<0.14	<0.18	<0.14	0.71J	0.92J	<0.057	6.9	4.1	15	<0.24	<0.16	24000
GT-1	6/16/2011	1.2JB	<0.14	<0.18	<0.14	0.38J	0.75J	<0.057	2.3J	1.8J	6.5	0.27J	<0.16	8500
GT-1	DUPLICATE	2.4J	<0.14	<0.18	<0.14	1.9J	2.8J	<0.057	2.8J	2.3J	7.2	0.40J	<0.16	11000
GT-1	9/15/2011	1.8J	<0.14	<0.18	<0.14	<0.3	1.1J	<0.057	2.0J	1.7J	5.5	<0.24	<0.16	12000
GT-1	DUPLICATE	<0.58	<0.14	<0.18	<0.14	<0.3	1.1J	<0.057	2.0J	1.8J	5.3	<0.24	<0.16	10000
GT-1	12/16/2011	<2.5	<0.13	<0.09	<0.25	<0.43	0.71J	<0.16	2.2J	1.9J	5.6	<0.29	<0.25	15000
GT-1	DUPLICATE	<2.5	<0.13	<0.09	<0.25	<0.43	1.3J	<0.16	1.6J	1.3JH	4	<0.29	<0.25	7400
GT-1	3/14/2012	<2.7	<0.08	<0.15	<0.1	<0.13	0.28J	<0.11	2.2J	2.1J	6.4	<0.29	<0.06	16000
GT-1	DUPLICATE	<2.7	<0.08	<0.15	<0.1	<0.13	0.23J	<0.11	2.1J	2.0J	6.1	0.32J	<0.06	14000
GT-1	6/20/2012	<2.7	<0.08	<0.15	<0.1	<0.13	0.28JH	<0.11	1.3JH	1.3JH	4.0H	<0.29	<0.06	15000H

Table 2
Groundwater Monitoring Results Summary (to Current)
Safety-Kleen Systems, Inc. - Corrective Action Program
N. Amityville, New York Facility

T.O.G.S 1.1.1 Standards		Volatile Organic Compounds Method 8260B (ug/L)												
Sample ID	Sample Date	50 Acetone	1 Benzene	5 Toluene	5 Ethylbenzene	5 Xylenes (Total)	5 Tetrachloroethene	5 Chlorobenzene	3 1,2- Dichlorobenzene	3 1,3- Dichlorobenzene	3 1,4- Dichlorobenzene	5 Total 1,2- Dichloroethene	5 1,1,1- Trichloroethane	50 Mineral Spirits
GT-1	DUPLICATE	<2.7	<0.08	<0.15	<0.1	<0.13	0.33JH	<0.11	1.3JH	1.3JH	4.0H	<0.29	<0.06	12000H
GT-1	8/28/2012	<2.7	<0.08	<0.15	<0.1	<0.13	0.29J	<0.11	1.7J	1.5J	4.5	<0.29	<0.06	9200
GT-1	DUPLICATE	<2.7	<0.08	<0.15	<0.1	<0.13	0.20J	<0.11	1.9J	1.5J	4.8	<0.29	<0.06	10000
GT-1	10/25/2012	17J	<0.08	<0.15	<0.1	<0.13	<0.1	<0.11	4.7	4.2	13	<0.29	<0.06	23000
GT-1	DUPLICATE	17J	<0.08	<0.15	<0.1	<0.13	0.15J	<0.11	4.8	4.5	13	<0.29	<0.06	21000
GT-1	12/20/2012	<2.7	<0.08	<0.15	<0.1	<0.13	<0.1	<0.11	4	3.6	11	<0.29	<0.06	24000
GT-1	DUPLICATE	<2.7	<0.08	<0.15	<0.1	<0.13	<0.1	<0.11	3.9	3.5	11	<0.29	<0.06	32000
GT-1	3/14/2013	<2.7	<0.08	<0.15	<0.1	<0.13	0.12J	<0.11	0.84J	1.4J	3.6	<0.29	<0.06	22000
GT-1	DUPLICATE	<2.7	<0.08	<0.15	<0.1	<0.13	0.11J	<0.11	0.87J	1.4J	3.8	<0.29	<0.06	21000
GT-1	6/20/2013	<2.7	<0.08	<0.15	<0.1	<0.13	0.19J	<0.11	0.24J	0.62J	1.4J	<0.29	<0.06	16000
GT-1	DUPLICATE	<2.7	<0.08	<0.15	<0.1	<0.13	0.30J	<0.11	0.25J	0.60J	1.4J	<0.29	<0.06	15000
GT-1	9/24/2013	ND	ND	ND	ND	ND	0.15J	ND	0.88J	1.6J	4	ND	ND	41000
GT-1	DUPLICATE	ND	ND	ND	ND	ND	0.14J	ND	0.93J	1.7J	4.1	ND	ND	42000
GT-1	12/18/2013	14J	<0.08	<0.15	<0.1	<0.13	0.19J	<0.11	0.45J	1.0J	2.3J	<0.29	<0.06	5700
GT-1	DUPLICATE	17J	<0.08	<0.15	<0.1	<0.13	0.20J	<0.11	0.47J	1.0J	2.3J	<0.29	<0.06	5100
GT-1	2/25/2014	<2.7	<0.08	<0.15	<0.1	<0.13	0.24J	<0.11	0.33J	0.98J	2.1J	<0.29	<0.06	6100
GT-1	DUPLICATE	<2.7	<0.08	<0.15	<0.1	<0.13	0.23J	<0.11	0.35J	1.0J	2.3J	<0.29	<0.06	6100
GT-1	6/11/2014	11J	<0.08	<0.15	<0.1	<0.13	0.27J	<0.11	<0.21	0.19J	0.53J	<0.29	<0.06	1400
GT-1	DUPLICATE	11J	<0.08	<0.15	<0.1	<0.13	0.27J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	1400
GT-1	8/26/2014	ND	ND	ND	ND	ND	0.22J	ND	ND	0.21J	0.46J	ND	ND	520
GT-1	DUPLICATE	ND	ND	ND	ND	ND	0.24J	ND	ND	0.21J	0.42J	ND	ND	1500
GT-1	11/13/2014	<2.7	<0.08	<0.15	<0.1	<0.13	<0.1	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	120
GT-1	DUPLICATE	<2.7	<0.08	<0.15	<0.1	<0.13	<0.1	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-1	12/15/2014	<2.7	<0.08	<0.15	<0.1	<0.13	<0.1	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-1	3/10/2015	<1.1	<0.19	<0.25	<0.3	<0.28	<0.36	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
GT-1	6/25/2015	18J	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
GT-1	9/24/2015	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	320
GT-1	12/8/2015	<1.1	<0.090	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	950
GT-1	3/23/2016	<1.1	<0.090	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	2500
GT-1	6/15/2016	<1.1	<0.090	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	5000
GT-1	9/27/2016	<1.1	<0.090	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	420
GT-1	12/20/2016	<1.1	<0.090	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	4700
GT-1	DUPLICATE	<1.1	<0.090	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	4100
GT-1	3/27/2017	<1.1	<0.090	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<51
GT-1	DUPLICATE	<1.1	<0.090	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<51
GT-1	6/13/2017	<1.1	<0.090	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	110
GT-1	9/26/2017	<1.1	<0.090	<0.25	<0.30	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	240 B
GT-2	2/9/1996	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	5/28/1996	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	8/22/1996	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	12/2/1996	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	2/27/1997	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	5/28/1997	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	9/9/1997	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	12/18/1997	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	6/25/1998	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	10/13/1998	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	12/4/1998	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	6/16/1999	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	9/30/1999	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	12/22/1999	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	3/15/2000	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	6/28/2000	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	9/20/2000	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	12/20/2000	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	3/15/2001	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	8/23/2001	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	11/6/2001	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	2/5/2002	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	4/16/2002	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	10/11/2002	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50

Table 2
Groundwater Monitoring Results Summary (to Current)
Safety-Kleen Systems, Inc. - Corrective Action Program
N. Amityville, New York Facility

T.O.G.S 1.1.1 Standards		Volatile Organic Compounds Method 8260B (ug/L)												
Sample ID	Sample Date	50 Acetone	1 Benzene	5 Toluene	5 Ethylbenzene	5 Xylenes (Total)	5 Tetrachloroethene	5 Chlorobenzene	3 1,2- Dichlorobenzene	3 1,3- Dichlorobenzene	3 1,4- Dichlorobenzene	5 Total 1,2- Dichloroethene	5 1,1,1- Trichloroethane	50 Mineral Spirits
GT-2	1/23/2003	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	7/22/2003	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	12/9/2003	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	4/22/2004	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	6/29/2004	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	10/4/2004	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	12/28/2004	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	3/24/2005	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	7/6/2005	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	9/20/2005	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	12/13/2005	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	3/15/2006	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	6/22/2006	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	9/26/2006	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	12/19/2006	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	3/27/2007	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	6/26/2007	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	9/20/2007	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	12/20/2007	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	3/27/2008	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	6/19/2008	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	9/25/2008	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	12/18/2008	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	3/12/2009	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	6/17/2009	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	9/22/2009	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-2	12/30/2009	<0.58	<0.14	<0.18	<0.14	<0.3	0.28J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
GT-2	2/2/2010	0.59J	<0.14	<0.18	<0.14	<0.3	<0.11	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	67
GT-2	3/24/2010	<0.58	<0.14	<0.18	<0.14	<0.3	0.21J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
GT-2	6/22/2010	0.60JB	<0.14	<0.18	<0.14	<0.3	0.60J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
GT-2	9/22/2010	1.7J	<0.14	<0.18	<0.14	<0.3	<0.11	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
GT-2	12/15/2010	1.1J	<0.56	<0.72	<0.56	<1.2	0.54J	<0.23	<0.25	<0.29	0.17J	<0.96	<0.64	<50
GT-2	3/24/2011	1.6JB	<0.14	<0.18	<0.14	<0.3	1.2J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
GT-2	6/16/2011	<0.58	<0.14	<0.18	<0.14	<0.3	1.2J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
GT-2	9/15/2011	<0.58	<0.14	<0.18	<0.14	<0.3	1.0J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
GT-2	12/16/2011	11J	<0.13	<0.09	<0.25	<0.43	1.5J	<0.16	<0.16	<0.22	<0.15	<0.29	<0.25	<50
GT-2	3/14/2012	24J	<0.08	<0.15	<0.1	<0.13	0.18J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-2	6/20/2012	29JH	<0.08	<0.15	<0.1	<0.13	0.66JH	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-2	8/28/2012	25J	<0.08	<0.15	<0.1	<0.13	0.52J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-2	10/25/2012	19J	<0.08	<0.15	<0.1	<0.13	0.38J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-2	12/20/2012	<2.7	<0.08	<0.15	<0.1	<0.13	2.2J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-2	3/14/2013	<2.7	<0.08	<0.15	<0.1	<0.13	0.33J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-2	6/20/2013	<2.7	<0.08	<0.15	<0.1	<0.13	0.14J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-2	9/24/2013	ND	ND	ND	ND	ND	0.45J	ND	ND	ND	ND	ND	ND	<50
GT-2	12/18/2013	84	<0.08	<0.15	<0.1	<0.13	1.0J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-2	2/25/2014	36J	<0.08	<0.15	<0.1	<0.13	0.75J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-2	6/11/2014	41J	<0.08	<0.15	<0.1	<0.13	0.40J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-2	8/26/2014	ND	ND	ND	ND	ND	0.20J	ND	ND	ND	ND	ND	ND	<50
GT-2	11/12/2014	<2.7	<0.08	<0.15	<0.1	<0.13	0.42J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-2	12/16/2014	<2.7	<0.08	<0.15	<0.1	<0.13	<0.1	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-2	3/10/2015	<1.1	<0.19	<0.25	<0.3	<0.28	<0.36	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
GT-2	6/25/2015	<1.1	<0.09	<0.25	<0.3	<0.28	0.94J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
GT-2	9/23/2015	<1.1	<0.09	<0.25	<0.3	<0.28	0.23J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	100
GT-2	12/7/2015	<1.1	<0.09	<0.25	<0.3	<0.28	0.42J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
GT-2	3/22/2016	<1.1	<0.09	<0.25	<0.3	<0.28	0.33J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
GT-2	6/14/2016	<1.1	<0.09	<0.25	<0.3	<0.28	0.45J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
GT-2	9/26/2016	<1.1	<0.09	<0.25	<0.3	<0.28	0.95J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
GT-2	12/19/2016	<1.1	<0.09	<0.25	<0.3	<0.28	0.62J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
GT-2	3/27/2017	<1.1	<0.090	<0.25	<0.3	<0.28	0.36J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
GT-2	6/13/2017	<1.1	<0.090	<0.25	<0.3	<0.28	0.12J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50

Table 2
Groundwater Monitoring Results Summary (to Current)
Safety-Kleen Systems, Inc. - Corrective Action Program
N. Amityville, New York Facility

T.O.G.S 1.1.1 Standards		Volatile Organic Compounds Method 8260B (ug/L)												
Sample ID	Sample Date	50 Acetone	1 Benzene	5 Toluene	5 Ethylbenzene	5 Xylenes (Total)	5 Tetrachloroethene	5 Chlorobenzene	3 1,2- Dichlorobenzene	3 1,3- Dichlorobenzene	3 1,4- Dichlorobenzene	5 Total 1,2- Dichloroethene	5 1,1,1- Trichloroethane	50 Mineral Spirits
GT-2	9/26/2017	<1.1	<0.090	<0.25	<0.3	<0.28	0.34J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<51
GT-3	2/9/1996	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	5/28/1996	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	8/22/1996	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	12/2/1996	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	2/27/1997	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	5/28/1997	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	9/9/1997	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	12/18/1997	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	6/25/1998	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	10/13/1998	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	12/4/1998	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	6/16/1999	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	0.9
GT-3	9/30/1999	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	12/22/1999	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	3/15/2000	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	6/28/2000	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	9/20/2000	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	12/20/2000	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	3/15/2001	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	8/23/2001	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	11/6/2001	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	2/5/2002	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	4/16/2002	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	10/11/2002	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	1/23/2003	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	170
GT-3	2/27/2003	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	2/27/2003	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	4/22/2003	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	7/22/2003	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	12/9/2003	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	4/22/2004	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	6/29/2004	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	10/4/2004	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	12/28/2004	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	3/24/2005	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	7/6/2005	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	12/13/2005	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	3/15/2006	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	6/22/2006	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	9/26/2006	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	12/19/2006	<50	<1	<5	<5	<5	<5	<5	8	<3	<3	<2	<5	<50
GT-3	3/27/2007	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	6/26/2007	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	9/20/2007	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	12/20/2007	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	3/27/2008	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	6/19/2008	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	9/25/2008	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	12/18/2008	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	3/12/2009	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	6/17/2009	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	9/22/2009	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	12/30/2009	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	2/2/2010	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	3/24/2010	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50

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N. Amityville, New York Facility

T.O.G.S 1.1.1 Standards		Volatile Organic Compounds Method 8260B (ug/L)												
Sample ID	Sample Date	50 Acetone	1 Benzene	5 Toluene	5 Ethylbenzene	5 Xylenes (Total)	5 Tetrachloroethene	5 Chlorobenzene	3 1,2-Dichlorobenzene	3 1,3-Dichlorobenzene	3 1,4-Dichlorobenzene	5 Total 1,2-Dichloroethene	5 1,1,1-Trichloroethane	50 Mineral Spirits
GT-3	6/22/2010	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	9/22/2010	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-3	12/15/2010	<2.3	<0.56	<0.72	<0.56	<1.2	0.18J	<0.23	<0.25	<0.29	<0.68	<0.96	<0.64	<50
GT-3	3/24/2011	0.84J	<0.14	<0.18	<0.14	<0.3	<0.11	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
GT-3	6/16/2011	1.6JB	<0.14	<0.18	<0.14	0.59J	<0.11	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
GT-3	9/15/2011	1.9J	<0.14	<0.18	<0.14	<0.3	<0.11	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
GT-3	12/16/2011	<2.5	<0.13	<0.09	<0.25	<0.43	<0.2	<0.16	<0.16	<0.22	<0.15	<0.29	<0.25	<50
GT-3	3/14/2012	<2.7	<0.08	<0.15	<0.1	<0.13	0.20J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-3	6/20/2012	<2.7	<0.08	<0.15	<0.1	<0.13	<0.1	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-3	8/28/2012	<2.7	<0.08	<0.15	<0.1	<0.13	0.11J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-3	10/25/2012	<2.7	<0.08	<0.15	<0.1	<0.13	0.15J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-3	12/20/2012	<2.7	<0.08	<0.15	<0.1	<0.13	<0.1	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-3	3/14/2013	<2.7	<0.08	<0.15	<0.1	<0.13	<0.1	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-3	6/20/2013	<2.7	<0.08	<0.15	<0.1	<0.13	0.11J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-3	9/24/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	120
GT-3	12/18/2013	<2.7	<0.08	<0.15	<0.1	<0.13	0.16J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	81
GT-3	2/25/2014	<2.7	<0.08	<0.15	<0.1	<0.13	0.12J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-3	6/11/2014	<2.7	<0.08	<0.15	<0.1	<0.13	0.14J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-3	8/26/2014	0.12J	ND	ND	ND	ND	0.28J	ND	ND	ND	ND	ND	ND	<50
GT-3	11/12/2014	<2.7	<0.08	<0.15	<0.1	<0.13	0.19J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-3	12/16/2014	<2.7	<0.08	<0.15	<0.1	<0.13	<0.1	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-3	3/10/2015	5.9J	<0.19	<0.25	<0.3	<0.28	<0.36	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
GT-3	6/25/2015	<1.1	<0.09	<0.25	<0.3	<0.28	0.25J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
GT-3	9/23/2015	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
GT-3	12/7/2015	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
GT-3	3/22/2016	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
GT-3	6/14/2016	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
GT-3	9/26/2016	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
GT-3	12/19/2016	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
GT-3	3/27/2017	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
GT-3	6/13/2017	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
GT-3	9/26/2017	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<51
GT-4	2/9/1996	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	5/28/1996	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	8/22/1996	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	12/2/1996	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	2/27/1997	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	5/28/1997	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	9/9/1997	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	12/18/1997	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	6/25/1998	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	10/13/1998	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	12/4/1998	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	6/16/1999	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	9/30/1999	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	12/22/1999	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	3/15/2000	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	6/28/2000	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	9/20/2000	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	12/20/2000	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	3/15/2001	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	8/23/2001	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	11/6/2001	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	2/5/2002	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	4/16/2002	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	10/11/2002	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	1/23/2003	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	4/22/2003	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	7/22/2003	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	12/9/2003	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	4/22/2004	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50

Table 2
Groundwater Monitoring Results Summary (to Current)
Safety-Kleen Systems, Inc. - Corrective Action Program
N. Amityville, New York Facility

T.O.G.S 1.1.1 Standards		Volatile Organic Compounds Method 8260B (ug/L)												
Sample ID	Sample Date	50 Acetone	1 Benzene	5 Toluene	5 Ethylbenzene	5 Xylenes (Total)	5 Tetrachloroethene	5 Chlorobenzene	3 1,2- Dichlorobenzene	3 1,3- Dichlorobenzene	3 1,4- Dichlorobenzene	5 Total 1,2- Dichloroethene	5 1,1,1- Trichloroethane	50 Mineral Spirits
GT-4	6/29/2004	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	10/4/2004	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	12/28/2004	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	3/24/2005	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	9/20/2005	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-4	12/13/2005	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	3/14/1994	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	27	<5	NS
GT-5	2/9/1996	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	5/28/1996	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	18	<5	<50
GT-5	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	27	<5	<50
GT-5	8/22/1996	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	83	<5	<50
GT-5	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	112	<5	<50
GT-5	12/2/1996	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	2/27/1997	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	33	<5	<50
GT-5	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	28	<5	<50
GT-5	5/28/1997	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	11	<5	<50
GT-5	9/9/1997	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	38	<5	<50
GT-5	12/18/1997	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	2	<5	<50
GT-5	6/25/1998	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	10/13/1998	<50	<1	<5	<5	<5	<5	<5	7.9	<3	<3	5.1	<5	<50
GT-5	12/4/1998	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	6/16/1999	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	15.2	<5	<50
GT-5	9/30/1999	<50	<1	<5	5.1	<5	<5	17.2	13	<3	<3	13.4	<5	<50
GT-5	12/22/1999	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	3/15/2000	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	8.7	<5	<50
GT-5	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	10.8	<5	<50
GT-5	6/28/2000	<50	<1	<5	<5	<5	<5	<5	18	<3	<3	<2	<5	<50
GT-5	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	15.5	<3	<3	<2	<5	<50
GT-5	9/20/2000	<50	<1	<5	<5	<5	<5	10.5	14.1	<3	<3	<2	<5	<50
GT-5	DUPLICATE	<50	<1	<5	<5	<5	<5	7.2	9.7	<3	<3	<2	<5	<50
GT-5	12/20/2000	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	3/15/2001	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	8/23/2001	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	11/6/2001	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	1/23/2003	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	4/22/2003	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	7/22/2003	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	12/9/2003	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	3/25/2004	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	6/29/2004	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	10/4/2004	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	12/28/2004	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	3/24/2005	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	7/6/2005	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	9/20/2005	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	12/13/2005	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	3/15/2006	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	6/22/2006	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	9/26/2006	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	12/19/2006	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	3/27/2007	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	6/26/2007	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	9/20/2007	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	12/20/2007	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50

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N. Amityville, New York Facility

T.O.G.S 1.1.1 Standards		Volatile Organic Compounds Method 8260B (ug/L)												
Sample ID	Sample Date	50 Acetone	1 Benzene	5 Toluene	5 Ethylbenzene	5 Xylenes (Total)	5 Tetrachloroethene	5 Chlorobenzene	3 1,2-Dichlorobenzene	3 1,3-Dichlorobenzene	3 1,4-Dichlorobenzene	5 Total 1,2-Dichloroethene	5 1,1,1-Trichloroethane	50 Mineral Spirits
GT-5	3/27/2008	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	6/19/2008	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	9/25/2008	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	12/18/2008	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	3/12/2009	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	6/17/2009	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	9/22/2009	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	12/30/2009	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	2/2/2010	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	3/24/2010	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
GT-5	6/22/2010	0.61JB	<0.14	<0.18	<0.14	<0.3	<0.11	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
GT-5	9/22/2010	1.4J	<0.14	<0.18	<0.14	<0.3	<0.11	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
GT-5	12/15/2010	<2.3	<0.56	<0.72	<0.56	<1.2	<0.44	<0.23	<0.25	<0.29	<0.68	<0.96	<0.64	<50
GT-5	3/24/2011	1.1J	<0.14	<0.18	<0.14	<0.3	<0.11	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
GT-5	6/16/2011	1.6JB	<0.14	<0.18	<0.14	<0.3	<0.11	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
GT-5	9/15/2011	2.5J	<0.14	<0.18	<0.14	<0.3	0.71J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
GT-5	12/16/2011	<2.5	<0.13	<0.09	<0.25	<0.43	<0.2	<0.16	<0.16	<0.22	<0.15	<0.29	<0.25	<50
GT-5	3/14/2012	<2.7	<0.08	<0.15	<0.1	<0.13	0.11J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-5	6/20/2012	<2.7	<0.08	<0.15	<0.1	<0.13	0.20JH	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-5	8/28/2012	<2.7	<0.08	<0.15	<0.1	<0.13	0.24J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-5	10/25/2012	<2.7	<0.08	<0.15	<0.1	<0.13	0.22J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-5	12/20/2012	<2.7	<0.08	<0.15	<0.1	<0.13	<0.1	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-5	3/14/2013	<2.7	<0.08	<0.15	<0.1	<0.13	<0.1	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-5	6/20/2013	<2.7	<0.08	<0.15	<0.1	<0.13	0.19J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	570
GT-5	9/24/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<50
GT-5	DUPLICATE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<50
GT-5	12/18/2013	<2.7	<0.08	<0.15	<0.1	<0.13	0.16J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-5	2/25/2014	<2.7	<0.08	<0.15	<0.1	<0.13	0.17J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-5	6/11/2014	<2.7	<0.08	<0.15	<0.1	<0.13	0.22J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	140
GT-5	8/26/2014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	300
GT-5	11/12/2014	<2.7	<0.08	<0.15	<0.1	<0.13	<0.1	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-5	12/15/2014	<2.7	<0.08	<0.15	<0.1	<0.13	<0.1	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-5	3/10/2015	<1.1	<0.19	<0.25	<0.3	<0.28	<0.36	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
GT-5	6/25/2015	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
GT-5	9/24/2015	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
GT-5	12/8/2015	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
GT-5	3/23/2016	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
GT-5	6/15/2016	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
GT-5	9/27/2016	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
GT-5	12/20/2016	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
GT-5	3/28/2017	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
GT-5	6/13/2017	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
GT-5	9/26/2017	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<51
GT-6	8/26/2014	ND	ND	ND	ND	ND	0.15J	0.79J	0.61J	1.3J	2.3J	ND	ND	3400E
GT-6	11/12/2013	<2.7	<0.08	<0.15	<0.1	<0.13	<0.1	<0.11	<0.21	0.30J	0.65J	<0.29	<0.06	1300
GT-6	12/15/2014	<2.7	<0.08	<0.15	<0.1	<0.13	<0.1	<0.11	0.68J	1.2J	3.3	<0.29	<0.06	3600
GT-6	3/10/2015	<1.1	<0.19	<0.25	<0.3	<0.28	<0.36	<0.24	0.28J	0.49J	1.6J	<0.18	<0.28	240
GT-6	DUPLICATE	<1.1	<0.19	<0.25	<0.3	<0.28	<0.36	<0.24	<0.22	0.54J	1.6J	<0.18	<0.28	350
GT-6	6/25/2015	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	0.30J	0.61J	1.7J	<0.18	<0.28	1300
GT-6	DUPLICATE	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	0.28J	0.58J	1.6J	<0.18	<0.28	1100
GT-6	9/24/2015	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	0.23J	0.53J	1.1J	<0.18	<0.28	4900
GT-6	DUPLICATE	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	0.50J	1.1J	<0.18	<0.28	3800
GT-6	12/8/2015	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	0.39 J	0.76 J	<0.18	<0.28	2600
GT-6	DUPLICATE	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	0.37J	0.75J	<0.18	<0.28	1700
GT-6	3/23/2016	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	0.35 J	0.95 J	<0.18	<0.28	170
GT-6	DUPLICATE	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	0.69J	<0.18	<0.28	140
GT-6	6/15/2016	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	110
GT-6	DUPLICATE	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	94
GT-6	9/27/2016	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
GT-6	DUPLICATE	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	200

Table 2
Groundwater Monitoring Results Summary (to Current)
Safety-Kleen Systems, Inc. - Corrective Action Program
N. Amityville, New York Facility

T.O.G.S 1.1.1 Standards		Volatile Organic Compounds Method 8260B (ug/L)												
Sample ID	Sample Date	50 Acetone	1 Benzene	5 Toluene	5 Ethylbenzene	5 Xylenes (Total)	5 Tetrachloroethene	5 Chlorobenzene	3 1,2- Dichlorobenzene	3 1,3- Dichlorobenzene	3 1,4- Dichlorobenzene	5 Total 1,2- Dichloroethene	5 1,1,1- Trichloroethane	50 Mineral Spirits
GT-6	12/20/2016	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
GT-6	3/28/2017	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
GT-6	6/13/2017	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	220
GT-6	9/26/2017	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	0.34J	<0.18	<0.28	190 B
GT-7	11/12/2014	<2.7	<0.08	<0.15	<0.1	<0.13	0.18J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-7	12/15/2014	<2.7	<0.08	<0.15	<0.1	<0.13	<0.1	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
GT-7	3/10/2015	<1.1	<0.19	<0.25	<0.3	<0.28	<0.36	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
GT-7	6/25/2015	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
GT-7	9/24/2015	<1.1	<0.09	<0.25	<0.3	<0.28	0.13J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	80
GT-7	12/8/2015	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
GT-7	3/23/2016	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
GT-7	6/15/2016	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
GT-7	9/27/2016	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
GT-7	12/20/2016	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
GT-7	3/28/2017	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
GT-7	6/13/2017	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<51
GT-7	9/26/2017	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<51
VE-1	7/6/2005	<50	<1	<5	<5	5	<5	<5	41	7	27	<2	<5	5600
VE-1	12/13/2005	<50	<1	<5	<5	18	<5	<5	97	72	71	<2	<5	24000
VE-1	3/15/2006	<50	<1	<5	<5	19J	<5	<5	98J	83J	83J	<2	<5	39000
VE-1	6/22/2006	<50	<1	<5	<5	9	<5	<5	57	<3	61	<2	<5	17000
VE-1	9/26/2006	<50	<1	<5	<5	<5	<5	<5	18	8	26	<2	<5	8600
VE-1	DUPLICATE	<50	<1	<5	<5	<5	<5	<5	21	5	20	<2	<5	3900
VE-1	12/19/2006	<50	<1	<5	<5	<5	<5	<5	37	12	45	<2	<5	27000
VE-1	3/27/2007	<50	<1	<5	<5	<5	<5	<5	21	9	31	<2	<5	34000
VE-1	6/26/2007	<50	<1	<5	<5	<5	<5	<5	27	13	40	<2	<5	30000
VE-1	9/20/2007	<50	<1	<5	<5	<5	<5	<5	6	4	12	<2	<5	9500
VE-1	12/20/2007	<50	<1	<5	<5	<5	<5	<5	9	7	19	<2	<5	33000
VE-1	3/27/2008	<50	<1	<5	<5	<5	<5	<5	9	7	18	<2	<5	430
VE-1	6/19/2008	<50	<1	<5	<5	<5	<5	<5	6	5	12	<2	<5	21000
VE-1	9/25/2008	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	23000
VE-1	12/18/2008	<50	<1	<5	<5	<5	<5	<5	<3	<3	7.2	<2	<5	15000
VE-1	3/12/2009	<50	<1	<5	<5	<5	<5	<5	<3	<3	3.9	<2	<5	8000
VE-1	6/17/2009	<50	<1	<5	<5	<5	<5	<5	<3	<3	6	<2	<5	23000
VE-1	9/22/2009	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	8400
VE-1	12/30/2009	2.6J	<0.14	<0.18	<0.14	<0.3	0.89J	<0.057	<0.063	<0.072	1.5J	<0.24	<0.16	23000E
VE-1	2/2/2010	0.82J	<0.14	<0.18	<0.14	<0.3	1.2J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	43000E
VE-1	3/24/2010	44	<0.14	<0.18	<0.14	<0.3	0.33J	<0.057	<0.063	<0.072	0.19J	<0.24	<0.16	5400
VE-1	6/22/2010	1.2JB	<0.14	<0.18	<0.14	<0.3	1.1J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	8100
VE-1	3/24/2011	1.8J	<0.14	<0.18	<0.14	<0.3	0.72J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	8300
VE-1	6/16/2011	2.4J	<0.14	<0.18	<0.14	<0.3	0.97J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	13000
VE-1	9/15/2011	<0.58	<0.14	<0.18	<0.14	<0.3	0.38J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	680
VE-1	12/16/2011	<2.5	<0.13	<0.09	<0.25	<0.43	0.24J	<0.16	<0.16	<0.22	<0.15	<0.29	<0.25	10000
VE-1	3/14/2012	<2.7	<0.08	<0.15	<0.1	<0.13	0.40J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	2600
VE-1	6/20/2012	<2.7	<0.08	<0.15	<0.1	<0.13	0.34JH	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	2400H
VE-1R	10/25/2012	8.8J	<0.08	<0.15	<0.1	<0.13	0.38J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	20000
VE-1R	12/20/2012	<2.7	<0.08	<0.15	<0.1	<0.13	<0.1	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	12000
VE-1R	3/14/2013	<2.7	<0.08	<0.15	<0.1	<0.13	0.23J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	9900
VE-1R	6/20/2013	<2.7	<0.08	<0.15	<0.1	<0.13	0.31J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	22000
VE-1R	9/24/2013	ND	ND	ND	ND	ND	0.20J	ND	ND	ND	ND	ND	ND	42000
VE-1R	12/18/2013	19J	<0.08	<0.15	<0.1	<0.13	<0.1	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	44000
VE-1R	2/25/2014	21J	<0.08	<0.15	<0.1	<0.13	0.27J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	14000
VE-1R	6/11/2014	<2.7	<0.08	<0.15	<0.1	<0.13	0.22J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	18000
VE-1R	8/26/2014	ND	ND	ND	ND	ND	0.26J	ND	ND	ND	ND	ND	ND	36000
VE-1R	11/13/2014	<2.7	<0.08	<0.15	<0.1	<0.13	<0.1	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	110
VE-1R	12/16/2014	<2.7	<0.08	<0.15	<0.1	<0.13	<0.1	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VE-1R	6/25/2015	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	110
VE-1R	9/24/2015	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	250
VE-1R	12/8/2015	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	383
VE-1R	3/23/2016	3.4J	<0.09	<0.25	<0.3	<0.28	0.18J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	180
VE-1R	6/15/2016	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	410

Table 2
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N. Amityville, New York Facility

T.O.G.S 1.1.1 Standards		Volatile Organic Compounds Method 8260B (ug/L)												
Sample ID	Sample Date	50 Acetone	1 Benzene	5 Toluene	5 Ethylbenzene	5 Xylenes (Total)	5 Tetrachloroethene	5 Chlorobenzene	3 1,2- Dichlorobenzene	3 1,3- Dichlorobenzene	3 1,4- Dichlorobenzene	5 Total 1,2- Dichloroethene	5 1,1,1- Trichloroethane	50 Mineral Spirits
VE-1R	9/27/2016	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	1200
VE-1R	12/20/2016	28J	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	1900
VE-1R	3/28/2017	20J	<0.09	0.50J	<0.3	<0.28	0.35J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	270
VE-1R	6/14/2017	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	100
VE-1R	Duplicate	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	120
VE-1R	9/26/2017	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	50 JB
VE-1R	Duplicate	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	84 JB
VE-5	3/24/2005	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
VE-5	7/6/2005	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
VE-5	9/20/2005	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
VE-5	12/13/2005	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
VE-5	3/15/2006	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
VE-5	6/22/2006	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
VE-5	9/26/2006	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
VE-5	12/19/2006	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
VE-5	3/27/2007	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
VE-5	6/26/2007	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
VE-5	9/20/2007	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
VE-5	12/20/2007	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
VE-5	3/27/2008	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	60
VE-5	6/19/2008	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
VE-5	9/25/2008	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
VE-5	12/18/2008	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
VE-5	3/12/2009	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
VE-5	6/17/2009	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
VE-5	9/22/2009	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
VE-5	12/30/2009	0.72J	<0.14	<0.18	<0.14	<0.3	6.3J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	190
VE-5	2/2/2010	1.2J	<0.14	<0.18	<0.14	<0.3	<0.11	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	390
VE-5	3/24/2010	<0.58	<0.14	<0.18	<0.14	<0.3	<0.11	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
VE-5	6/22/2010	0.66JB	<0.14	<0.18	<0.14	<0.3	0.46J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
VE-5	9/22/2010	1.8J	<0.14	<0.18	<0.14	<0.3	<0.11	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
VE-5	12/15/2010	2.0J	<0.56	<0.72	<0.56	<1.2	0.46J	<0.23	<0.25	<0.29	<0.68	<0.96	<0.64	<50
VE-5	3/24/2011	1.6JB	<0.14	<0.18	<0.14	<0.3	0.22J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
VE-5	6/16/2011	1.1JB	<0.14	<0.18	<0.14	<0.3	<0.11	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
VE-5	9/15/2011	2.0J	<0.14	<0.18	<0.14	<0.3	0.88J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
VE-5	12/16/2011	<2.5	<0.13	<0.09	<0.25	<0.43	<0.16	<0.16	<0.16	<0.22	<0.15	<0.29	<0.25	<50
VE-5	3/14/2012	<2.7	<0.08	<0.15	<0.1	<0.13	0.12J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VE-5	6/20/2012	<2.7	<0.08	<0.15	<0.1	<0.13	0.45JH	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VE-5	8/28/2012	<2.7	<0.08	<0.15	<0.1	<0.13	1.1J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VE-5	12/20/2012	<2.7	<0.08	<0.15	<0.1	<0.13	<0.1	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VE-5	3/14/2013	<2.7	<0.08	<0.15	<0.1	<0.13	0.34J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VE-5	6/20/2013	<2.7	<0.08	<0.15	<0.1	<0.13	0.30J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VE-5	9/24/2013	ND	ND	ND	ND	ND	0.23J	ND	ND	ND	ND	ND	ND	<50
VE-5	12/18/2013	<2.7	<0.08	<0.15	<0.1	<0.13	0.59J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VE-5	2/25/2014	<2.7	<0.08	<0.15	<0.1	<0.13	0.39J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VE-5	6/11/2014	<2.7	<0.08	<0.15	<0.1	<0.13	0.37J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VE-5	8/26/2014	ND	ND	ND	ND	ND	0.62J	ND	ND	ND	ND	ND	ND	<50
VE-5	11/13/2014	6.2J	<0.08	<0.15	<0.1	<0.13	0.52J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VE-5	12/16/2014	<2.7	<0.08	<0.15	<0.1	<0.13	0.96J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VE-5	3/10/2015	<1.1	<0.19	<0.25	<0.3	<0.28	<0.36	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
VE-5	6/25/2015	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
VE-5	9/23/2015	<1.1	<0.09	<0.25	<0.3	<0.28	1.7J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	97
VE-5	12/7/2015	<1.1	<0.09	<0.25	<0.3	<0.28	0.70J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
VE-5	3/22/2016	<1.1	<0.09	<0.25	<0.3	<0.28	0.37J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
VE-5	6/14/2016	<1.1	<0.09	<0.25	<0.3	<0.28	0.28J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
VE-5	9/26/2016	<1.1	<0.09	<0.25	<0.3	<0.28	1.5J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
VE-5	12/19/2016	<1.1	<0.09	<0.25	<0.3	<0.28	1.3J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
VE-5	3/28/2017	<1.1	<0.09	<0.25	<0.3	<0.28	0.33J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<51
VE-5	6/13/2017	<1.1	<0.09	<0.25	<0.3	<0.28	0.19J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
VE-5	9/26/2017	<1.1	<0.09	<0.25	<0.3	<0.28	0.83J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<51
VP-A	3/24/2010	9.1J	<0.14	<0.18	<0.14	<0.3	<0.11	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50

Table 2
Groundwater Monitoring Results Summary (to Current)
Safety-Kleen Systems, Inc. - Corrective Action Program
N. Amityville, New York Facility

T.O.G.S 1.1.1 Standards		Volatile Organic Compounds Method 8260B (ug/L)												
Sample ID	Sample Date	50 Acetone	1 Benzene	5 Toluene	5 Ethylbenzene	5 Xylenes (Total)	5 Tetrachloroethene	5 Chlorobenzene	3 1,2- Dichlorobenzene	3 1,3- Dichlorobenzene	3 1,4- Dichlorobenzene	5 Total 1,2- Dichloroethene	5 1,1,1- Trichloroethane	50 Mineral Spirits
VP-A	6/22/2010	0.77JB	<0.14	<0.18	<0.14	<0.3	0.71J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
VP-A	9/22/2010	1.7J	<0.14	<0.18	<0.14	<0.3	1.0J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
VP-A	12/15/2010	<2.3	<0.56	<0.72	<0.56	<1.2	0.75J	<0.23	<0.25	<0.29	<0.68	<0.96	<0.64	<50
VP-A	3/24/2011	1.4J	<0.14	<0.18	<0.14	<0.3	0.52J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
VP-A	6/16/2011	1.6JB	<0.14	<0.18	<0.14	<0.3	0.82J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
VP-A	9/15/2011	<0.58	<0.14	<0.18	<0.14	<0.3	1.1J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
VP-A	12/16/2011	<2.5	<0.13	<0.09	<0.25	<0.43	1.0J	<0.16	<0.16	<0.22	<0.15	<0.29	<0.25	<50
VP-A	3/14/2012	<2.7	<0.08	<0.15	<0.1	<0.13	0.66J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VP-A	6/20/2012	<2.7	<0.08	<0.15	<0.1	<0.13	0.86JH	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VP-A	8/28/2012	<2.7	<0.08	<0.15	<0.1	<0.13	0.54J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VP-A	12/20/2012	<2.7	<0.08	0.82J	<0.1	<0.13	<0.1	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VP-A	3/14/2013	<2.7	<0.08	<0.15	<0.1	<0.13	0.26J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VP-A	6/20/2013	<2.7	<0.08	<0.15	<0.1	<0.13	0.89J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VP-A	9/24/2013	ND	ND	ND	ND	ND	0.15J	ND	ND	ND	ND	ND	ND	100
VP-A	12/18/2013	<2.7	<0.08	<0.15	<0.1	<0.13	0.47J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	110
VP-A	2/25/2014	<2.7	<0.08	<0.15	<0.1	<0.13	0.25J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VP-A	6/11/2014	<2.7	<0.08	<0.15	<0.1	<0.13	0.21J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VP-A	8/26/2014	ND	ND	ND	ND	ND	0.57J	ND	ND	ND	ND	ND	ND	<50
VP-A	11/13/2014	<2.7	<0.08	<0.15	<0.1	<0.13	0.31J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VP-A	12/16/2014	<2.7	<0.08	<0.15	<0.1	<0.13	0.53J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VP-A	3/10/2015	<1.1	<0.19	<0.25	<0.3	<0.28	0.40J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
VP-A	6/25/2015	<1.1	<0.09	<0.25	<0.3	<0.28	0.28J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
VP-A	9/23/2015	<1.1	<0.09	<0.25	<0.3	<0.28	0.80J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	90
VP-A	12/9/2015	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
VP-A	3/22/2016	<1.1	<0.09	<0.25	<0.3	<0.28	0.34J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
VP-A	6/14/2016	<1.1	<0.090	<0.25	<0.3	<0.28	0.25J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	71
VP-A	9/26/2016	<1.1	<0.090	<0.25	<0.3	<0.28	1.1J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
VP-A	12/20/2016	<1.1	<0.090	<0.25	<0.3	<0.28	1.6J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
VP-A	3/28/2017	<1.1	<0.090	<0.25	<0.3	<0.28	0.29J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<51
VP-A	6/13/2017	<1.1	<0.090	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<51
VP-A	9/26/2017	<1.1	<0.090	<0.25	<0.3	<0.28	0.52J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<51
VP-B	2/2/2010	0.77J	<0.14	<0.18	<0.14	<0.3	0.77J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	66
VP-B	3/24/2010	130E	<0.14	<0.18	<0.14	<0.3	0.38J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	120
VP-B	6/22/2010	1.4JB	<0.14	<0.18	<0.14	<0.3	1.7J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
VP-B	9/22/2010	1.2JB	<0.14	<0.18	<0.14	<0.3	1.0J	<0.057	<0.063	<0.072	<0.17	0.24J	<0.16	<50
VP-B	12/15/2010	<2.3	<0.56	<0.72	<0.56	<1.2	0.82J	<0.23	<0.25	<0.29	<0.68	<0.96	<0.64	<50
VP-B	3/24/2011	1.6JB	<0.14	<0.18	<0.14	<0.3	0.33J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
VP-B	6/16/2011	2.3JB	<0.14	<0.18	<0.14	<0.3	1.4J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
VP-B	9/15/2011	<0.58	<0.14	<0.18	<0.14	<0.3	0.77J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
VP-B	12/16/2011	<2.5	<0.13	<0.09	<0.25	<0.43	1.1J	<0.16	<0.16	<0.22	<0.15	<0.29	<0.25	<50
VP-B	3/14/2012	<2.7	<0.08	<0.15	<0.1	<0.13	1.0J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VP-B	6/20/2012	<2.7	<0.08	<0.15	<0.1	<0.13	0.65JH	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VP-B	8/28/2012	<2.7	<0.08	<0.15	<0.1	<0.13	0.52J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VP-B	12/20/2012	<2.7	<0.08	0.23J	<0.1	<0.13	0.35J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VP-B	3/14/2013	<2.7	<0.08	<0.15	<0.1	<0.13	0.40J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VP-B	6/20/2013	<2.7	<0.08	<0.15	<0.1	<0.13	0.44J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VP-B	9/24/2013	ND	ND	ND	ND	ND	0.20J	ND	ND	ND	ND	ND	ND	100
VP-B	12/18/2013	<2.7	<0.08	<0.15	<0.1	<0.13	0.56J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	93
VP-B	2/25/2014	<2.7	<0.08	<0.15	<0.1	<0.13	0.31J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VP-B	6/11/2014	<2.7	<0.08	<0.15	<0.1	<0.13	0.29J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VP-B	8/26/2014	ND	ND	ND	ND	ND	0.89J	ND	ND	ND	ND	ND	ND	<50
VP-B	11/13/2014	<2.7	<0.08	<0.15	<0.1	<0.13	0.49J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VP-B	12/16/2014	<2.7	<0.08	<0.15	<0.1	<0.13	0.73J	<0.11	<0.21	<0.14	<0.23	<0.29	<0.06	<50
VP-B	3/10/2015	<1.1	<0.19	<0.25	<0.3	<0.28	0.75J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
VP-B	6/25/2015	<1.1	<0.09	<0.25	<0.3	<0.28	0.29J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
VP-B	9/23/2015	<1.1	<0.09	<0.25	<0.3	<0.28	0.77J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	69
VP-B	12/9/2015	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
VP-B	3/22/2016	<1.1	<0.09	<0.25	<0.3	<0.28	0.48J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
VP-B	6/14/2016	<1.1	<0.90	<0.25	<0.3	<0.28	0.30J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	69
VP-B	9/27/2016	<1.1	<0.90	<0.25	<0.3	<0.28	0.62J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
VP-B	12/19/2016	<1.1	<0.90	<0.25	<0.3	<0.28	0.58J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48

Table 2
Groundwater Monitoring Results Summary (to Current)
Safety-Kleen Systems, Inc. - Corrective Action Program
N. Amityville, New York Facility

T.O.G.S 1.1.1 Standards		Volatile Organic Compounds Method 8260B (ug/L)												
		50	1	5	5	5	5	5	3	3	3	5	5	50
Sample ID	Sample Date	Acetone	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Tetrachloroethene	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Total 1,2-Dichloroethene	1,1,1-Trichloroethane	Mineral Spirits
VP-B	3/28/2017	<1.1	<0.90	0.47J	<0.3	<0.28	0.29J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<51
VP-B	6/14/2017	<1.1	<0.90	<0.25	<0.3	<0.28	0.31J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<51
VP-B	9/26/2017	<1.1	<0.90	<0.25	<0.3	<0.28	0.45J	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<51
DW-1 Water	3/24/2011	5.8J	<0.14	<0.18	<0.14	<0.3	<0.11	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
DW-1 Water	6/16/2011	3.3J	<0.14	<0.18	<0.14	<0.3	<0.11	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	<50
DW-1 Water	3/10/2015	18J	<0.19	<0.25	<0.3	<0.28	<0.36	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
DW-1 Water	DUPLICATE	18J	<0.19	<0.25	<0.3	<0.28	<0.36	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
DW-1 Water	6/25/2015	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
DW-1 Water	DUPLICATE	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
DW-1 Water	3/22/2016	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<51
DW-1 Water	DUPLICATE	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<51
DW-1 Water	6/14/2016	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
DW-1 Water	DUPLICATE	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
DW-1 Water	9/26/2016	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
DW-1 Water	DUPLICATE	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
DW-1 Water	12/19/2016	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<48
DW-1 Water	3/28/2017	19J	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<51
DW-1 Water	6/12/2017	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<50
DW-1 Water	9/26/2017	<1.1	<0.09	<0.25	<0.3	<0.28	<0.12	<0.24	<0.22	<0.33	<0.33	<0.18	<0.28	<51
Notes: ND = Not detected ug/L = micrograms per liter ug/kg = micrograms per kilogram B = Constituent detected in blank J = Estimated concentration Bold = Constituent detected above the method detection limit. Constituent detected above the T.O.G.S. 1.1.1 Standards or Project-Specific Reporting Limits)														

Table 2
Sediment Sample Results Summary (to Current)
Safety-Kleen Systems, Inc. - Corrective Action Program
N. Amityville, New York Facility

Industrial Use Criteria		Volatile Organic Compounds Method 8260C (ug/kg)												
		1,000,000	44,000	1,000,000	780,000	1,000,000	300,000	1,000,000	1,000,000	560,000	250,000	1,000,000	1,000,000	10,000*
Sample ID	Sample Date	Acetone	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Tetrachloro-ethene	Chlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Total 1,2-Dichloroethene	1,1,1-Trichloroethane	Mineral Spirits
DW-1 SOIL	8/26/2014	<1100	<250	<3000	<4200	<1100	<5500	<4600	<4600	<10000	<7600	<420	<2900	16,000
DW-1 SOIL	DUPLICATE	<1100	<250	<3000	<4200	<1100	<5500	<4600	<4600	<10000	<7600	<420	<2900	12,000
DW-1 SOIL	11/13/2014	<1100	<250	<3000	<4200	<1100	<5500	<4600	<4600	<10000	<7600	<420	<2900	<10000
DW-1 SOIL	DUPLICATE	<1100	<250	<3000	<4200	<1100	<5500	<4600	<4600	<10000	<7600	<420	<2900	<10000
DW-1 SOIL	12/16/2014	<1100	<250	<3000	<4200	<1100	<5500	<4600	<4600	<10000	<7600	<420	<2900	<10000
DW-1 SOIL	DUPLICATE	<1100	<250	<3000	<4200	<1100	<5500	<4600	<4600	<10000	<7600	<420	<2900	<10000
DW-1 SOIL	9/23/2015	<1100	<250	<3000	<4200	<1100	<5500	<4600	<4600	<10000	<7600	<420	<2900	<10000
DW-1 SOIL	DUPLICATE	<1100	<250	<3000	<4200	<1100	<5500	<4600	<4600	<10000	<7600	<420	<2900	<10000
DW-1 SOIL	12/9/2015	3,500	<250	<3000	<4200	<1100	<5500	<4600	<4600	<10000	<7600	<420	<2900	<10000
DW-1 SOIL	DUPLICATE	3,100	<250	<3000	<4200	<1100	<5500	<4600	<4600	<10000	<7600	<420	<2900	<10000
Notes: * Site-specific standard. ug/kg = micrograms per kilogram B = Constituent detected in blank J = Estimated concentration Bold = Constituent detected above the laboratory reporting limit. =Detected concentration exceeds standard.														

ATTACHMENT 4- LABORATORY ANALYTICAL REPORT

Detection Summary and Report (on CD)

Detection Summary

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: GT-1

Lab Sample ID: 460-141953-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mineral Spirits	240		51	6.6	ug/L	1		8015D	Total/NA

Client Sample ID: GT-2

Lab Sample ID: 460-141953-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.34	J	5.0	0.12	ug/L	1		8260C	Total/NA

Client Sample ID: GT-3

Lab Sample ID: 460-141953-3

No Detections.

Client Sample ID: GT-5

Lab Sample ID: 460-141953-4

No Detections.

Client Sample ID: GT-6

Lab Sample ID: 460-141953-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	0.34	J	3.0	0.33	ug/L	1		8260C	Total/NA
Mineral Spirits	190		51	6.6	ug/L	1		8015D	Total/NA

Client Sample ID: GT-7

Lab Sample ID: 460-141953-6

No Detections.

Client Sample ID: VE-1R

Lab Sample ID: 460-141953-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mineral Spirits	50	J	51	6.6	ug/L	1		8015D	Total/NA

Client Sample ID: VE-5

Lab Sample ID: 460-141953-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.83	J	5.0	0.12	ug/L	1		8260C	Total/NA

Client Sample ID: VP-A

Lab Sample ID: 460-141953-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.52	J	5.0	0.12	ug/L	1		8260C	Total/NA

Client Sample ID: VP-B

Lab Sample ID: 460-141953-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.45	J	5.0	0.12	ug/L	1		8260C	Total/NA

Client Sample ID: GW-DUP

Lab Sample ID: 460-141953-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mineral Spirits	84		51	6.6	ug/L	1		8015D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Edison

Detection Summary

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: TRIP BLANK-1

Lab Sample ID: 460-141953-12

No Detections.

Client Sample ID: Rinse Blank-1

Lab Sample ID: 460-141953-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	10		5.0	0.21	ug/L	1		8260C	Total/NA
m&p-Xylene	0.61	J	10	0.28	ug/L	1		8260C	Total/NA
Toluene	0.33	J	5.0	0.25	ug/L	1		8260C	Total/NA
Xylenes, Total	0.61	J	15	0.28	ug/L	1		8260C	Total/NA
Mineral Spirits	72		51	6.6	ug/L	1		8015D	Total/NA

Client Sample ID: Rinse Blank-2

Lab Sample ID: 460-141953-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	10		5.0	0.21	ug/L	1		8260C	Total/NA
m&p-Xylene	0.60	J	10	0.28	ug/L	1		8260C	Total/NA
Toluene	0.34	J	5.0	0.25	ug/L	1		8260C	Total/NA
Xylenes, Total	0.60	J	15	0.28	ug/L	1		8260C	Total/NA
Mineral Spirits	65		51	6.6	ug/L	1		8015D	Total/NA

Client Sample ID: DW-1

Lab Sample ID: 460-141953-15

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Edison

ANALYTICAL REPORT

Job Number: 460-141953-1

Job Description: 2017 Safety-Kleen Amityville

For:

Safety-Kleen Systems, Inc
4120 Thunderbird Ln
Fairfield, OH 45014

Attention: Mr. Steve Fleming, P.E.



Approved for release.
Melissa Haas
Project Manager I
10/12/2017 9:21 AM

Melissa Haas, Project Manager I
777 New Durham Road, Edison, NJ, 08817
(203)944-1310
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10/12/2017

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

TestAmerica Laboratories, Inc.

TestAmerica Edison 777 New Durham Road, Edison, NJ 08817
Tel (732) 549-3900 Fax (732) 549-3679 www.testamericainc.com

Job Number: 460-141953-1

Job Description: 2017 Safety-Kleen Amityville

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

A handwritten signature in dark ink that reads "Melissa Haas". The signature is written in a cursive style with a horizontal line underneath.

Approved for release.
Melissa Haas
Project Manager I
10/12/2017 9:21 AM

Melissa Haas

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CASE NARRATIVE

Client: Safety-Kleen Systems, Inc

Project: 2017 Safety-Kleen Amityville

Report Number: 460-141953-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

Technical and Operational Guidance Series subpart 1.1.1 (The New York State Ambient Water Quality Standards and Guidance Values) references a class GA standard of 0.04 ug/L for 1,2-dibromo-3-Chloropropane and 1,2,3-Trichloropropane, and 0.2 ug/L for trans-1,3-Dichloropropene. The laboratory is unable to meet this standard by reporting to their established reporting limit (RL) or method detection limit (MDL). Sample results are evaluated to the MDL, which is the lowest level the instrumentation has been able to detect, which is 0.4 ug/L for 1,2-Dibromo-3-Chloropropane, 0.42 ug/L for 1,2,3-Trichloropropane, and 0.24 for trans-1,3-Dichloropropene.

RECEIPT

The samples were received on 9/26/2017 7:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 0.8° C, 1.2° C and 1.5° C.

Receipt Exceptions

Per laboratory policy, the Trip Blank sample date/time was added to reflect the latest sample date/time of the sampling event.

The following analytes are included in this report but certification is not offered by the governing authority: Mineral Spirits.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples GT-1 (460-141953-1), GT-2 (460-141953-2), GT-3 (460-141953-3), GT-5 (460-141953-4), GT-6 (460-141953-5), GT-7 (460-141953-6), VE-1R (460-141953-7), VE-5 (460-141953-8), VP-A (460-141953-9), VP-B (460-141953-10), GW-DUP (460-141953-11), TRIP BLANK-1 (460-141953-12), Rinse Blank-1 (460-141953-13), Rinse Blank-2 (460-141953-14) and DW-1 (460-141953-15) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 10/08/2017.

Due to a calibration issue, the reporting limit was raised to 10 ppb for methacrylonitrile for all samples.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

MINERAL RANGE ORGANICS (MRO)

Samples GT-1 (460-141953-1), GT-2 (460-141953-2), GT-3 (460-141953-3), GT-5 (460-141953-4), GT-6 (460-141953-5), GT-7 (460-141953-6), VE-1R (460-141953-7), VE-5 (460-141953-8), VP-A (460-141953-9), VP-B (460-141953-10), GW-DUP (460-141953-11), Rinse Blank-1 (460-141953-13), Rinse Blank-2 (460-141953-14) and DW-1 (460-141953-15) were analyzed for Mineral Range Organics (MRO) in accordance with EPA SW-846 Method 8015D_ID. The samples were prepared on 10/02/2017 and analyzed on 10/04/2017.

No difficulties were encountered during the MRO analysis.

All quality control parameters were within the acceptance limits.

Project Specific Reporting Limits – Aqueous Samples

For aqueous samples, please note that the reporting limits listed below may vary for each sample analyzed based on sample volume, and/or sample dilution. The aqueous laboratory reporting limits are based on the New York State Department of Environmental Conservation (NYSDEC) Technical & Operational Guidance Series (TOGS) section 1.1.1 class GA standards, and ASI's previously reported laboratory reporting limits where no TOGS class GA standard exists.

Analyte	Aqueous Project Specific Reporting Limits	Units
Acetone	50	ug/L
Acetonitrile	10	ug/L
Allyl chloride	5	ug/L
Benzene	1	ug/L
Benzyl chloride	10	ug/L
Bromodichloromethane	50	ug/L
Bromoform	5	ug/L
Bromomethane	5	ug/L
2-Butanone (MEK)	50	ug/L
Carbon disulfide	60	ug/L
Carbon tetrachloride	5	ug/L
Chlorobenzene	5	ug/L
Chloroethane	5	ug/L
2-Chloroethyl vinyl ether	20	ug/L
Chloroform	7	ug/L
Chloromethane	5	ug/L
cis-1,2-Dichloroethene	5	ug/L
cis-1,3-Dichloropropene	0.2	ug/L
Dibromochloromethane	50	ug/L
1,2-Dibromo-3-Chloropropane	0.04	ug/L
1,2-Dibromoethane	5	ug/L
Dibromomethane	5	ug/L
1,3-Dichlorobenzene	3	ug/L
1,4-Dichlorobenzene	3	ug/L
1,2-Dichlorobenzene	3	ug/L
Dichlorodifluoromethane	5	ug/L
1,1-Dichloroethane	5	ug/L
1,2-Dichloroethane	0.6	ug/L
1,1-Dichloroethene	5	ug/L
1,2-Dichloroethene, Total	2	ug/L
1,2-Dichloropropane	1	ug/L
Ethylbenzene	5	ug/L
Ethyl methacrylate	5	ug/L
2-Hexanone	50	ug/L
Iodomethane	5	ug/L
Isobutyl alcohol	250	ug/L
Methacrylonitrile	5	ug/L
Methylene Chloride	5	ug/L
Methyl methacrylate	50	ug/L
4-Methyl-2-pentanone (MIBK)	5	ug/L
m&p-Xylene	10	ug/L
o-Xylene	5	ug/L
Styrene	5	ug/L
1,1,1,2-Tetrachloroethane	5	ug/L
1,1,2,2-Tetrachloroethane	5	ug/L
Tetrachloroethene	5	ug/L
Toluene	5	ug/L
trans-1,4-Dichloro-2-butene	5	ug/L
trans-1,2-Dichloroethene	5	ug/L

Analyte	Aqueous Project Specific Reporting Limit	Units
<i>trans</i> -1,3-Dichloropropene	0.2	ug/L
1,1,1-Trichloroethane	5	ug/L
1,1,2-Trichloroethane	1	ug/L
Trichloroethene	5	ug/L
1,2,3-Trichloropropane	0.04	ug/L
Vinyl acetate	5	ug/L
Vinyl chloride	2	ug/L
Xylenes, Total	15	ug/L
Mineral Spirit Range Organics	50	ug/L

Project Specific Reporting Limits – Solid Samples

For solid samples, please note that the reporting limits listed below will vary for each sample analyzed based on sample moisture content, sample volume, and/or sample dilution. The solid laboratory reporting limits are based on the New York State Department of Environmental Conservation (NYSDEC) Subpart 375-6.8(a) Unrestricted Use Soil Cleanup Objectives and TestAmerica Edison's laboratory reporting limits where no part 375 cleanup objectives exist.

Analyte	Solid Project Specific Reporting Limits	Units
Acetone	50	ug/Kg
Acetonitrile	50	ug/Kg
Allyl chloride	5	ug/Kg
Benzene	60	ug/Kg
Benzyl chloride	5	ug/Kg
Bromodichloromethane	5	ug/Kg
Bromoform	5	ug/Kg
Bromomethane	5	ug/Kg
2-Butanone (MEK)	120	ug/Kg
Carbon disulfide	5	ug/Kg
Carbon tetrachloride	760	ug/Kg
Chlorobenzene	1100	ug/Kg
Chloroethane	5	ug/Kg
2-Chloroethyl vinyl ether	5	ug/Kg
Chloroform	370	ug/Kg
Chloromethane	5	ug/Kg
cis-1,2-Dichloroethene	250	ug/Kg
cis-1,3-Dichloropropene	5	ug/Kg
Dibromochloromethane	5	ug/Kg
1,2-Dibromo-3-Chloropropane	10	ug/Kg
1,2-Dibromoethane	5	ug/Kg
Dibromomethane	5	ug/Kg
1,3-Dichlorobenzene	2400	ug/Kg
1,4-Dichlorobenzene	1800	ug/Kg
1,2-Dichlorobenzene	1100	ug/Kg
Dichlorodifluoromethane	5	ug/Kg
1,1-Dichloroethane	270	ug/Kg
1,2-Dichloroethane	20	ug/Kg
1,1-Dichloroethene	330	ug/Kg
1,2-Dichloroethene, Total	5	ug/Kg
1,2-Dichloropropane	5	ug/Kg
Ethylbenzene	1000	ug/Kg
Ethyl methacrylate	10	ug/Kg
2-Hexanone	10	ug/Kg
Iodomethane	10	ug/Kg
Isobutyl alcohol	150	ug/Kg
Methacrylonitrile	10	ug/Kg
Methylene Chloride	50	ug/Kg
Methyl methacrylate	10	ug/Kg
4-Methyl-2-pentanone (MIBK)	5	ug/Kg
m&p-Xylene	5	ug/Kg
o-Xylene	5	ug/Kg
Styrene	5	ug/Kg
1,1,1,2-Tetrachloroethane	5	ug/Kg
1,1,2,2-Tetrachloroethane	5	ug/Kg
Tetrachloroethene	1300	ug/Kg
Toluene	700	ug/Kg
trans-1,4-Dichloro-2-butene	10	ug/Kg
trans-1,2-Dichloroethene	190	ug/Kg

Analyte	Solid Project Specific Reporting Limits	Units
<i>trans</i> -1,3-Dichloropropene	5	ug/Kg
1,1,1-Trichloroethane	680	ug/Kg
1,1,2-Trichloroethane	5	ug/Kg
Trichloroethene	470	ug/Kg
1,2,3-Trichloropropane	5	ug/Kg
Vinyl acetate	20	ug/Kg
Vinyl chloride	5	ug/Kg
Xylenes, Total	260	ug/Kg
Mineral Spirit Range Organics	6700	ug/Kg

Sample Summary

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-141953-1	GT-1	Water	09/26/17 12:00	09/26/17 19:00
460-141953-2	GT-2	Water	09/25/17 16:00	09/26/17 19:00
460-141953-3	GT-3	Water	09/25/17 16:55	09/26/17 19:00
460-141953-4	GT-5	Water	09/25/17 17:45	09/26/17 19:00
460-141953-5	GT-6	Water	09/26/17 09:00	09/26/17 19:00
460-141953-6	GT-7	Water	09/26/17 08:05	09/26/17 19:00
460-141953-7	VE-1R	Water	09/26/17 12:55	09/26/17 19:00
460-141953-8	VE-5	Water	09/26/17 07:15	09/26/17 19:00
460-141953-9	VP-A	Water	09/26/17 10:05	09/26/17 19:00
460-141953-10	VP-B	Water	09/26/17 11:00	09/26/17 19:00
460-141953-11	GW-DUP	Water	09/26/17 12:00	09/26/17 19:00
460-141953-12	TRIP BLANK-1	Water	09/26/17 14:45	09/26/17 19:00
460-141953-13	Rinse Blank-1	Water	09/26/17 14:44	09/26/17 19:00
460-141953-14	Rinse Blank-2	Water	09/26/17 14:45	09/26/17 19:00
460-141953-15	DW-1	Water	09/26/17 13:20	09/26/17 19:00

Detection Summary

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: GT-1

Lab Sample ID: 460-141953-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mineral Spirits	240		51	6.6	ug/L	1		8015D	Total/NA

Client Sample ID: GT-2

Lab Sample ID: 460-141953-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.34	J	5.0	0.12	ug/L	1		8260C	Total/NA

Client Sample ID: GT-3

Lab Sample ID: 460-141953-3

No Detections.

Client Sample ID: GT-5

Lab Sample ID: 460-141953-4

No Detections.

Client Sample ID: GT-6

Lab Sample ID: 460-141953-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	0.34	J	3.0	0.33	ug/L	1		8260C	Total/NA
Mineral Spirits	190		51	6.6	ug/L	1		8015D	Total/NA

Client Sample ID: GT-7

Lab Sample ID: 460-141953-6

No Detections.

Client Sample ID: VE-1R

Lab Sample ID: 460-141953-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mineral Spirits	50	J	51	6.6	ug/L	1		8015D	Total/NA

Client Sample ID: VE-5

Lab Sample ID: 460-141953-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.83	J	5.0	0.12	ug/L	1		8260C	Total/NA

Client Sample ID: VP-A

Lab Sample ID: 460-141953-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.52	J	5.0	0.12	ug/L	1		8260C	Total/NA

Client Sample ID: VP-B

Lab Sample ID: 460-141953-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.45	J	5.0	0.12	ug/L	1		8260C	Total/NA

Client Sample ID: GW-DUP

Lab Sample ID: 460-141953-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mineral Spirits	84		51	6.6	ug/L	1		8015D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Edison

Detection Summary

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: TRIP BLANK-1

Lab Sample ID: 460-141953-12

No Detections.

Client Sample ID: Rinse Blank-1

Lab Sample ID: 460-141953-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	10		5.0	0.21	ug/L	1		8260C	Total/NA
m&p-Xylene	0.61	J	10	0.28	ug/L	1		8260C	Total/NA
Toluene	0.33	J	5.0	0.25	ug/L	1		8260C	Total/NA
Xylenes, Total	0.61	J	15	0.28	ug/L	1		8260C	Total/NA
Mineral Spirits	72		51	6.6	ug/L	1		8015D	Total/NA

Client Sample ID: Rinse Blank-2

Lab Sample ID: 460-141953-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	10		5.0	0.21	ug/L	1		8260C	Total/NA
m&p-Xylene	0.60	J	10	0.28	ug/L	1		8260C	Total/NA
Toluene	0.34	J	5.0	0.25	ug/L	1		8260C	Total/NA
Xylenes, Total	0.60	J	15	0.28	ug/L	1		8260C	Total/NA
Mineral Spirits	65		51	6.6	ug/L	1		8015D	Total/NA

Client Sample ID: DW-1

Lab Sample ID: 460-141953-15

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Edison

Method Summary

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8015D	Hydrocarbon Product Identification (GC)	SW846	TAL EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: GT-1

Date Collected: 09/26/17 12:00

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	1.1	ug/L			10/08/17 14:08	1
Acetonitrile	10	U	10	1.3	ug/L			10/08/17 14:08	1
Benzene	1.0	U	1.0	0.090	ug/L			10/08/17 14:08	1
Benzyl chloride	10	U	10	0.15	ug/L			10/08/17 14:08	1
Bromodichloromethane	50	U	50	0.15	ug/L			10/08/17 14:08	1
Bromoform	5.0	U	5.0	0.18	ug/L			10/08/17 14:08	1
Bromomethane	5.0	U	5.0	0.18	ug/L			10/08/17 14:08	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			10/08/17 14:08	1
Carbon disulfide	60	U	60	0.22	ug/L			10/08/17 14:08	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			10/08/17 14:08	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			10/08/17 14:08	1
Chloroethane	5.0	U	5.0	0.37	ug/L			10/08/17 14:08	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			10/08/17 14:08	1
Chloroform	7.0	U	7.0	0.22	ug/L			10/08/17 14:08	1
Chloromethane	5.0	U	5.0	0.22	ug/L			10/08/17 14:08	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			10/08/17 14:08	1
Dibromochloromethane	50	U	50	0.22	ug/L			10/08/17 14:08	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			10/08/17 14:08	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			10/08/17 14:08	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			10/08/17 14:08	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 14:08	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 14:08	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			10/08/17 14:08	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			10/08/17 14:08	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			10/08/17 14:08	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			10/08/17 14:08	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			10/08/17 14:08	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/17 14:08	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/08/17 14:08	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			10/08/17 14:08	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			10/08/17 14:08	1
Methyl methacrylate	50	U	50	0.21	ug/L			10/08/17 14:08	1
m&p-Xylene	10	U	10	0.28	ug/L			10/08/17 14:08	1
o-Xylene	5.0	U	5.0	0.32	ug/L			10/08/17 14:08	1
Styrene	5.0	U	5.0	0.17	ug/L			10/08/17 14:08	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			10/08/17 14:08	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			10/08/17 14:08	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			10/08/17 14:08	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			10/08/17 14:08	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/17 14:08	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			10/08/17 14:08	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			10/08/17 14:08	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			10/08/17 14:08	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			10/08/17 14:08	1
Toluene	5.0	U	5.0	0.25	ug/L			10/08/17 14:08	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			10/08/17 14:08	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			10/08/17 14:08	1
Xylenes, Total	15	U	15	0.28	ug/L			10/08/17 14:08	1
2-Hexanone	50	U	50	0.72	ug/L			10/08/17 14:08	1

TestAmerica Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: GT-1

Date Collected: 09/26/17 12:00

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/08/17 14:08	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			10/08/17 14:08	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			10/08/17 14:08	1
Iodomethane	5.0	U	5.0	0.19	ug/L			10/08/17 14:08	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			10/08/17 14:08	1
Methacrylonitrile	10	U	10	0.96	ug/L			10/08/17 14:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		74 - 132		10/08/17 14:08	1
4-Bromofluorobenzene	94		77 - 124		10/08/17 14:08	1
Toluene-d8 (Surr)	100		80 - 120		10/08/17 14:08	1
Dibromofluoromethane (Surr)	104		72 - 131		10/08/17 14:08	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	240		51	6.6	ug/L		10/02/17 07:18	10/04/17 11:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	61		34 - 158	10/02/17 07:18	10/04/17 11:56	1

Client Sample ID: GT-2

Date Collected: 09/25/17 16:00

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	1.1	ug/L			10/08/17 14:32	1
Acetonitrile	10	U	10	1.3	ug/L			10/08/17 14:32	1
Benzene	1.0	U	1.0	0.090	ug/L			10/08/17 14:32	1
Benzyl chloride	10	U	10	0.15	ug/L			10/08/17 14:32	1
Bromodichloromethane	50	U	50	0.15	ug/L			10/08/17 14:32	1
Bromoform	5.0	U	5.0	0.18	ug/L			10/08/17 14:32	1
Bromomethane	5.0	U	5.0	0.18	ug/L			10/08/17 14:32	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			10/08/17 14:32	1
Carbon disulfide	60	U	60	0.22	ug/L			10/08/17 14:32	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			10/08/17 14:32	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			10/08/17 14:32	1
Chloroethane	5.0	U	5.0	0.37	ug/L			10/08/17 14:32	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			10/08/17 14:32	1
Chloroform	7.0	U	7.0	0.22	ug/L			10/08/17 14:32	1
Chloromethane	5.0	U	5.0	0.22	ug/L			10/08/17 14:32	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			10/08/17 14:32	1
Dibromochloromethane	50	U	50	0.22	ug/L			10/08/17 14:32	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			10/08/17 14:32	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			10/08/17 14:32	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			10/08/17 14:32	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 14:32	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 14:32	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			10/08/17 14:32	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			10/08/17 14:32	1

TestAmerica Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: GT-2

Lab Sample ID: 460-141953-2

Date Collected: 09/25/17 16:00

Matrix: Water

Date Received: 09/26/17 19:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			10/08/17 14:32	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			10/08/17 14:32	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			10/08/17 14:32	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/17 14:32	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/08/17 14:32	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			10/08/17 14:32	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			10/08/17 14:32	1
Methyl methacrylate	50	U	50	0.21	ug/L			10/08/17 14:32	1
m&p-Xylene	10	U	10	0.28	ug/L			10/08/17 14:32	1
o-Xylene	5.0	U	5.0	0.32	ug/L			10/08/17 14:32	1
Styrene	5.0	U	5.0	0.17	ug/L			10/08/17 14:32	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			10/08/17 14:32	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			10/08/17 14:32	1
Tetrachloroethene	0.34	J	5.0	0.12	ug/L			10/08/17 14:32	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			10/08/17 14:32	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/17 14:32	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			10/08/17 14:32	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			10/08/17 14:32	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			10/08/17 14:32	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			10/08/17 14:32	1
Toluene	5.0	U	5.0	0.25	ug/L			10/08/17 14:32	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			10/08/17 14:32	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			10/08/17 14:32	1
Xylenes, Total	15	U	15	0.28	ug/L			10/08/17 14:32	1
2-Hexanone	50	U	50	0.72	ug/L			10/08/17 14:32	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/08/17 14:32	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			10/08/17 14:32	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			10/08/17 14:32	1
Iodomethane	5.0	U	5.0	0.19	ug/L			10/08/17 14:32	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			10/08/17 14:32	1
Methacrylonitrile	10	U	10	0.96	ug/L			10/08/17 14:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		74 - 132		10/08/17 14:32	1
4-Bromofluorobenzene	94		77 - 124		10/08/17 14:32	1
Toluene-d8 (Surr)	101		80 - 120		10/08/17 14:32	1
Dibromofluoromethane (Surr)	103		72 - 131		10/08/17 14:32	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	51	U	51	6.6	ug/L		10/02/17 07:18	10/04/17 12:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	46		34 - 158	10/02/17 07:18	10/04/17 12:06	1

TestAmerica Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: GT-3

Date Collected: 09/25/17 16:55

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	1.1	ug/L			10/08/17 14:55	1
Acetonitrile	10	U	10	1.3	ug/L			10/08/17 14:55	1
Benzene	1.0	U	1.0	0.090	ug/L			10/08/17 14:55	1
Benzyl chloride	10	U	10	0.15	ug/L			10/08/17 14:55	1
Bromodichloromethane	50	U	50	0.15	ug/L			10/08/17 14:55	1
Bromoform	5.0	U	5.0	0.18	ug/L			10/08/17 14:55	1
Bromomethane	5.0	U	5.0	0.18	ug/L			10/08/17 14:55	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			10/08/17 14:55	1
Carbon disulfide	60	U	60	0.22	ug/L			10/08/17 14:55	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			10/08/17 14:55	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			10/08/17 14:55	1
Chloroethane	5.0	U	5.0	0.37	ug/L			10/08/17 14:55	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			10/08/17 14:55	1
Chloroform	7.0	U	7.0	0.22	ug/L			10/08/17 14:55	1
Chloromethane	5.0	U	5.0	0.22	ug/L			10/08/17 14:55	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			10/08/17 14:55	1
Dibromochloromethane	50	U	50	0.22	ug/L			10/08/17 14:55	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			10/08/17 14:55	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			10/08/17 14:55	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			10/08/17 14:55	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 14:55	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 14:55	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			10/08/17 14:55	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			10/08/17 14:55	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			10/08/17 14:55	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			10/08/17 14:55	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			10/08/17 14:55	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/17 14:55	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/08/17 14:55	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			10/08/17 14:55	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			10/08/17 14:55	1
Methyl methacrylate	50	U	50	0.21	ug/L			10/08/17 14:55	1
m&p-Xylene	10	U	10	0.28	ug/L			10/08/17 14:55	1
o-Xylene	5.0	U	5.0	0.32	ug/L			10/08/17 14:55	1
Styrene	5.0	U	5.0	0.17	ug/L			10/08/17 14:55	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			10/08/17 14:55	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			10/08/17 14:55	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			10/08/17 14:55	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			10/08/17 14:55	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/17 14:55	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			10/08/17 14:55	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			10/08/17 14:55	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			10/08/17 14:55	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			10/08/17 14:55	1
Toluene	5.0	U	5.0	0.25	ug/L			10/08/17 14:55	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			10/08/17 14:55	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			10/08/17 14:55	1
Xylenes, Total	15	U	15	0.28	ug/L			10/08/17 14:55	1
2-Hexanone	50	U	50	0.72	ug/L			10/08/17 14:55	1

TestAmerica Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: GT-3

Date Collected: 09/25/17 16:55

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/08/17 14:55	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			10/08/17 14:55	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			10/08/17 14:55	1
Iodomethane	5.0	U	5.0	0.19	ug/L			10/08/17 14:55	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			10/08/17 14:55	1
Methacrylonitrile	10	U	10	0.96	ug/L			10/08/17 14:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		74 - 132		10/08/17 14:55	1
4-Bromofluorobenzene	95		77 - 124		10/08/17 14:55	1
Toluene-d8 (Surr)	99		80 - 120		10/08/17 14:55	1
Dibromofluoromethane (Surr)	104		72 - 131		10/08/17 14:55	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	51	U	51	6.6	ug/L		10/02/17 07:18	10/04/17 12:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	68		34 - 158	10/02/17 07:18	10/04/17 12:17	1

Client Sample ID: GT-5

Date Collected: 09/25/17 17:45

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	1.1	ug/L			10/08/17 15:18	1
Acetonitrile	10	U	10	1.3	ug/L			10/08/17 15:18	1
Benzene	1.0	U	1.0	0.090	ug/L			10/08/17 15:18	1
Benzyl chloride	10	U	10	0.15	ug/L			10/08/17 15:18	1
Bromodichloromethane	50	U	50	0.15	ug/L			10/08/17 15:18	1
Bromoform	5.0	U	5.0	0.18	ug/L			10/08/17 15:18	1
Bromomethane	5.0	U	5.0	0.18	ug/L			10/08/17 15:18	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			10/08/17 15:18	1
Carbon disulfide	60	U	60	0.22	ug/L			10/08/17 15:18	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			10/08/17 15:18	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			10/08/17 15:18	1
Chloroethane	5.0	U	5.0	0.37	ug/L			10/08/17 15:18	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			10/08/17 15:18	1
Chloroform	7.0	U	7.0	0.22	ug/L			10/08/17 15:18	1
Chloromethane	5.0	U	5.0	0.22	ug/L			10/08/17 15:18	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			10/08/17 15:18	1
Dibromochloromethane	50	U	50	0.22	ug/L			10/08/17 15:18	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			10/08/17 15:18	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			10/08/17 15:18	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			10/08/17 15:18	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 15:18	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 15:18	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			10/08/17 15:18	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			10/08/17 15:18	1

TestAmerica Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: GT-5

Date Collected: 09/25/17 17:45

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			10/08/17 15:18	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			10/08/17 15:18	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			10/08/17 15:18	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/17 15:18	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/08/17 15:18	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			10/08/17 15:18	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			10/08/17 15:18	1
Methyl methacrylate	50	U	50	0.21	ug/L			10/08/17 15:18	1
m&p-Xylene	10	U	10	0.28	ug/L			10/08/17 15:18	1
o-Xylene	5.0	U	5.0	0.32	ug/L			10/08/17 15:18	1
Styrene	5.0	U	5.0	0.17	ug/L			10/08/17 15:18	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			10/08/17 15:18	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			10/08/17 15:18	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			10/08/17 15:18	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			10/08/17 15:18	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/17 15:18	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			10/08/17 15:18	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			10/08/17 15:18	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			10/08/17 15:18	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			10/08/17 15:18	1
Toluene	5.0	U	5.0	0.25	ug/L			10/08/17 15:18	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			10/08/17 15:18	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			10/08/17 15:18	1
Xylenes, Total	15	U	15	0.28	ug/L			10/08/17 15:18	1
2-Hexanone	50	U	50	0.72	ug/L			10/08/17 15:18	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/08/17 15:18	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			10/08/17 15:18	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			10/08/17 15:18	1
Iodomethane	5.0	U	5.0	0.19	ug/L			10/08/17 15:18	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			10/08/17 15:18	1
Methacrylonitrile	10	U	10	0.96	ug/L			10/08/17 15:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		74 - 132		10/08/17 15:18	1
4-Bromofluorobenzene	94		77 - 124		10/08/17 15:18	1
Toluene-d8 (Surr)	100		80 - 120		10/08/17 15:18	1
Dibromofluoromethane (Surr)	99		72 - 131		10/08/17 15:18	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	51	U	51	6.6	ug/L		10/02/17 07:18	10/04/17 12:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	62		34 - 158	10/02/17 07:18	10/04/17 12:27	1

TestAmerica Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: GT-6

Lab Sample ID: 460-141953-5

Date Collected: 09/26/17 09:00

Matrix: Water

Date Received: 09/26/17 19:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	1.1	ug/L			10/08/17 15:41	1
Acetonitrile	10	U	10	1.3	ug/L			10/08/17 15:41	1
Benzene	1.0	U	1.0	0.090	ug/L			10/08/17 15:41	1
Benzyl chloride	10	U	10	0.15	ug/L			10/08/17 15:41	1
Bromodichloromethane	50	U	50	0.15	ug/L			10/08/17 15:41	1
Bromoform	5.0	U	5.0	0.18	ug/L			10/08/17 15:41	1
Bromomethane	5.0	U	5.0	0.18	ug/L			10/08/17 15:41	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			10/08/17 15:41	1
Carbon disulfide	60	U	60	0.22	ug/L			10/08/17 15:41	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			10/08/17 15:41	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			10/08/17 15:41	1
Chloroethane	5.0	U	5.0	0.37	ug/L			10/08/17 15:41	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			10/08/17 15:41	1
Chloroform	7.0	U	7.0	0.22	ug/L			10/08/17 15:41	1
Chloromethane	5.0	U	5.0	0.22	ug/L			10/08/17 15:41	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			10/08/17 15:41	1
Dibromochloromethane	50	U	50	0.22	ug/L			10/08/17 15:41	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			10/08/17 15:41	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			10/08/17 15:41	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			10/08/17 15:41	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 15:41	1
1,4-Dichlorobenzene	0.34	J	3.0	0.33	ug/L			10/08/17 15:41	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			10/08/17 15:41	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			10/08/17 15:41	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			10/08/17 15:41	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			10/08/17 15:41	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			10/08/17 15:41	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/17 15:41	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/08/17 15:41	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			10/08/17 15:41	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			10/08/17 15:41	1
Methyl methacrylate	50	U	50	0.21	ug/L			10/08/17 15:41	1
m&p-Xylene	10	U	10	0.28	ug/L			10/08/17 15:41	1
o-Xylene	5.0	U	5.0	0.32	ug/L			10/08/17 15:41	1
Styrene	5.0	U	5.0	0.17	ug/L			10/08/17 15:41	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			10/08/17 15:41	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			10/08/17 15:41	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			10/08/17 15:41	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			10/08/17 15:41	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/17 15:41	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			10/08/17 15:41	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			10/08/17 15:41	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			10/08/17 15:41	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			10/08/17 15:41	1
Toluene	5.0	U	5.0	0.25	ug/L			10/08/17 15:41	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			10/08/17 15:41	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			10/08/17 15:41	1
Xylenes, Total	15	U	15	0.28	ug/L			10/08/17 15:41	1
2-Hexanone	50	U	50	0.72	ug/L			10/08/17 15:41	1

TestAmerica Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: GT-6

Date Collected: 09/26/17 09:00

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-5

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/08/17 15:41	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			10/08/17 15:41	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			10/08/17 15:41	1
Iodomethane	5.0	U	5.0	0.19	ug/L			10/08/17 15:41	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			10/08/17 15:41	1
Methacrylonitrile	10	U	10	0.96	ug/L			10/08/17 15:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		74 - 132		10/08/17 15:41	1
4-Bromofluorobenzene	93		77 - 124		10/08/17 15:41	1
Toluene-d8 (Surr)	101		80 - 120		10/08/17 15:41	1
Dibromofluoromethane (Surr)	102		72 - 131		10/08/17 15:41	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	190		51	6.6	ug/L		10/02/17 07:18	10/04/17 12:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	77		34 - 158	10/02/17 07:18	10/04/17 12:37	1

Client Sample ID: GT-7

Date Collected: 09/26/17 08:05

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-6

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	1.1	ug/L			10/08/17 16:05	1
Acetonitrile	10	U	10	1.3	ug/L			10/08/17 16:05	1
Benzene	1.0	U	1.0	0.090	ug/L			10/08/17 16:05	1
Benzyl chloride	10	U	10	0.15	ug/L			10/08/17 16:05	1
Bromodichloromethane	50	U	50	0.15	ug/L			10/08/17 16:05	1
Bromoform	5.0	U	5.0	0.18	ug/L			10/08/17 16:05	1
Bromomethane	5.0	U	5.0	0.18	ug/L			10/08/17 16:05	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			10/08/17 16:05	1
Carbon disulfide	60	U	60	0.22	ug/L			10/08/17 16:05	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			10/08/17 16:05	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			10/08/17 16:05	1
Chloroethane	5.0	U	5.0	0.37	ug/L			10/08/17 16:05	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			10/08/17 16:05	1
Chloroform	7.0	U	7.0	0.22	ug/L			10/08/17 16:05	1
Chloromethane	5.0	U	5.0	0.22	ug/L			10/08/17 16:05	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			10/08/17 16:05	1
Dibromochloromethane	50	U	50	0.22	ug/L			10/08/17 16:05	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			10/08/17 16:05	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			10/08/17 16:05	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			10/08/17 16:05	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 16:05	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 16:05	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			10/08/17 16:05	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			10/08/17 16:05	1

TestAmerica Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: GT-7

Date Collected: 09/26/17 08:05

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-6

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			10/08/17 16:05	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			10/08/17 16:05	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			10/08/17 16:05	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/17 16:05	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/08/17 16:05	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			10/08/17 16:05	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			10/08/17 16:05	1
Methyl methacrylate	50	U	50	0.21	ug/L			10/08/17 16:05	1
m&p-Xylene	10	U	10	0.28	ug/L			10/08/17 16:05	1
o-Xylene	5.0	U	5.0	0.32	ug/L			10/08/17 16:05	1
Styrene	5.0	U	5.0	0.17	ug/L			10/08/17 16:05	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			10/08/17 16:05	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			10/08/17 16:05	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			10/08/17 16:05	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			10/08/17 16:05	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/17 16:05	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			10/08/17 16:05	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			10/08/17 16:05	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			10/08/17 16:05	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			10/08/17 16:05	1
Toluene	5.0	U	5.0	0.25	ug/L			10/08/17 16:05	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			10/08/17 16:05	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			10/08/17 16:05	1
Xylenes, Total	15	U	15	0.28	ug/L			10/08/17 16:05	1
2-Hexanone	50	U	50	0.72	ug/L			10/08/17 16:05	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/08/17 16:05	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			10/08/17 16:05	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			10/08/17 16:05	1
Iodomethane	5.0	U	5.0	0.19	ug/L			10/08/17 16:05	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			10/08/17 16:05	1
Methacrylonitrile	10	U	10	0.96	ug/L			10/08/17 16:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		74 - 132		10/08/17 16:05	1
4-Bromofluorobenzene	93		77 - 124		10/08/17 16:05	1
Toluene-d8 (Surr)	100		80 - 120		10/08/17 16:05	1
Dibromofluoromethane (Surr)	102		72 - 131		10/08/17 16:05	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	51	U	51	6.6	ug/L		10/02/17 07:18	10/04/17 12:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	79		34 - 158	10/02/17 07:18	10/04/17 12:48	1

TestAmerica Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: VE-1R

Date Collected: 09/26/17 12:55

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-7

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	1.1	ug/L			10/08/17 16:28	1
Acetonitrile	10	U	10	1.3	ug/L			10/08/17 16:28	1
Benzene	1.0	U	1.0	0.090	ug/L			10/08/17 16:28	1
Benzyl chloride	10	U	10	0.15	ug/L			10/08/17 16:28	1
Bromodichloromethane	50	U	50	0.15	ug/L			10/08/17 16:28	1
Bromoform	5.0	U	5.0	0.18	ug/L			10/08/17 16:28	1
Bromomethane	5.0	U	5.0	0.18	ug/L			10/08/17 16:28	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			10/08/17 16:28	1
Carbon disulfide	60	U	60	0.22	ug/L			10/08/17 16:28	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			10/08/17 16:28	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			10/08/17 16:28	1
Chloroethane	5.0	U	5.0	0.37	ug/L			10/08/17 16:28	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			10/08/17 16:28	1
Chloroform	7.0	U	7.0	0.22	ug/L			10/08/17 16:28	1
Chloromethane	5.0	U	5.0	0.22	ug/L			10/08/17 16:28	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			10/08/17 16:28	1
Dibromochloromethane	50	U	50	0.22	ug/L			10/08/17 16:28	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			10/08/17 16:28	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			10/08/17 16:28	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			10/08/17 16:28	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 16:28	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 16:28	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			10/08/17 16:28	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			10/08/17 16:28	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			10/08/17 16:28	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			10/08/17 16:28	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			10/08/17 16:28	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/17 16:28	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/08/17 16:28	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			10/08/17 16:28	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			10/08/17 16:28	1
Methyl methacrylate	50	U	50	0.21	ug/L			10/08/17 16:28	1
m&p-Xylene	10	U	10	0.28	ug/L			10/08/17 16:28	1
o-Xylene	5.0	U	5.0	0.32	ug/L			10/08/17 16:28	1
Styrene	5.0	U	5.0	0.17	ug/L			10/08/17 16:28	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			10/08/17 16:28	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			10/08/17 16:28	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			10/08/17 16:28	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			10/08/17 16:28	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/17 16:28	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			10/08/17 16:28	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			10/08/17 16:28	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			10/08/17 16:28	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			10/08/17 16:28	1
Toluene	5.0	U	5.0	0.25	ug/L			10/08/17 16:28	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			10/08/17 16:28	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			10/08/17 16:28	1
Xylenes, Total	15	U	15	0.28	ug/L			10/08/17 16:28	1
2-Hexanone	50	U	50	0.72	ug/L			10/08/17 16:28	1

TestAmerica Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: VE-1R

Date Collected: 09/26/17 12:55

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-7

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/08/17 16:28	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			10/08/17 16:28	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			10/08/17 16:28	1
Iodomethane	5.0	U	5.0	0.19	ug/L			10/08/17 16:28	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			10/08/17 16:28	1
Methacrylonitrile	10	U	10	0.96	ug/L			10/08/17 16:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		74 - 132		10/08/17 16:28	1
4-Bromofluorobenzene	95		77 - 124		10/08/17 16:28	1
Toluene-d8 (Surr)	101		80 - 120		10/08/17 16:28	1
Dibromofluoromethane (Surr)	103		72 - 131		10/08/17 16:28	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	50	J	51	6.6	ug/L		10/02/17 07:18	10/04/17 12:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	62		34 - 158	10/02/17 07:18	10/04/17 12:58	1

Client Sample ID: VE-5

Date Collected: 09/26/17 07:15

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-8

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	1.1	ug/L			10/08/17 16:51	1
Acetonitrile	10	U	10	1.3	ug/L			10/08/17 16:51	1
Benzene	1.0	U	1.0	0.090	ug/L			10/08/17 16:51	1
Benzyl chloride	10	U	10	0.15	ug/L			10/08/17 16:51	1
Bromodichloromethane	50	U	50	0.15	ug/L			10/08/17 16:51	1
Bromoform	5.0	U	5.0	0.18	ug/L			10/08/17 16:51	1
Bromomethane	5.0	U	5.0	0.18	ug/L			10/08/17 16:51	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			10/08/17 16:51	1
Carbon disulfide	60	U	60	0.22	ug/L			10/08/17 16:51	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			10/08/17 16:51	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			10/08/17 16:51	1
Chloroethane	5.0	U	5.0	0.37	ug/L			10/08/17 16:51	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			10/08/17 16:51	1
Chloroform	7.0	U	7.0	0.22	ug/L			10/08/17 16:51	1
Chloromethane	5.0	U	5.0	0.22	ug/L			10/08/17 16:51	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			10/08/17 16:51	1
Dibromochloromethane	50	U	50	0.22	ug/L			10/08/17 16:51	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			10/08/17 16:51	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			10/08/17 16:51	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			10/08/17 16:51	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 16:51	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 16:51	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			10/08/17 16:51	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			10/08/17 16:51	1

TestAmerica Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: VE-5

Date Collected: 09/26/17 07:15

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-8

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			10/08/17 16:51	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			10/08/17 16:51	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			10/08/17 16:51	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/17 16:51	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/08/17 16:51	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			10/08/17 16:51	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			10/08/17 16:51	1
Methyl methacrylate	50	U	50	0.21	ug/L			10/08/17 16:51	1
m&p-Xylene	10	U	10	0.28	ug/L			10/08/17 16:51	1
o-Xylene	5.0	U	5.0	0.32	ug/L			10/08/17 16:51	1
Styrene	5.0	U	5.0	0.17	ug/L			10/08/17 16:51	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			10/08/17 16:51	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			10/08/17 16:51	1
Tetrachloroethene	0.83	J	5.0	0.12	ug/L			10/08/17 16:51	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			10/08/17 16:51	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/17 16:51	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			10/08/17 16:51	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			10/08/17 16:51	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			10/08/17 16:51	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			10/08/17 16:51	1
Toluene	5.0	U	5.0	0.25	ug/L			10/08/17 16:51	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			10/08/17 16:51	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			10/08/17 16:51	1
Xylenes, Total	15	U	15	0.28	ug/L			10/08/17 16:51	1
2-Hexanone	50	U	50	0.72	ug/L			10/08/17 16:51	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/08/17 16:51	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			10/08/17 16:51	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			10/08/17 16:51	1
Iodomethane	5.0	U	5.0	0.19	ug/L			10/08/17 16:51	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			10/08/17 16:51	1
Methacrylonitrile	10	U	10	0.96	ug/L			10/08/17 16:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		74 - 132		10/08/17 16:51	1
4-Bromofluorobenzene	94		77 - 124		10/08/17 16:51	1
Toluene-d8 (Surr)	101		80 - 120		10/08/17 16:51	1
Dibromofluoromethane (Surr)	102		72 - 131		10/08/17 16:51	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	51	U	51	6.6	ug/L		10/02/17 07:18	10/04/17 14:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	79		34 - 158	10/02/17 07:18	10/04/17 14:26	1

TestAmerica Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: VP-A

Date Collected: 09/26/17 10:05

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-9

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	1.1	ug/L			10/08/17 17:14	1
Acetonitrile	10	U	10	1.3	ug/L			10/08/17 17:14	1
Benzene	1.0	U	1.0	0.090	ug/L			10/08/17 17:14	1
Benzyl chloride	10	U	10	0.15	ug/L			10/08/17 17:14	1
Bromodichloromethane	50	U	50	0.15	ug/L			10/08/17 17:14	1
Bromoform	5.0	U	5.0	0.18	ug/L			10/08/17 17:14	1
Bromomethane	5.0	U	5.0	0.18	ug/L			10/08/17 17:14	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			10/08/17 17:14	1
Carbon disulfide	60	U	60	0.22	ug/L			10/08/17 17:14	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			10/08/17 17:14	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			10/08/17 17:14	1
Chloroethane	5.0	U	5.0	0.37	ug/L			10/08/17 17:14	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			10/08/17 17:14	1
Chloroform	7.0	U	7.0	0.22	ug/L			10/08/17 17:14	1
Chloromethane	5.0	U	5.0	0.22	ug/L			10/08/17 17:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			10/08/17 17:14	1
Dibromochloromethane	50	U	50	0.22	ug/L			10/08/17 17:14	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			10/08/17 17:14	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			10/08/17 17:14	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			10/08/17 17:14	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 17:14	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 17:14	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			10/08/17 17:14	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			10/08/17 17:14	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			10/08/17 17:14	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			10/08/17 17:14	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			10/08/17 17:14	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/17 17:14	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/08/17 17:14	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			10/08/17 17:14	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			10/08/17 17:14	1
Methyl methacrylate	50	U	50	0.21	ug/L			10/08/17 17:14	1
m&p-Xylene	10	U	10	0.28	ug/L			10/08/17 17:14	1
o-Xylene	5.0	U	5.0	0.32	ug/L			10/08/17 17:14	1
Styrene	5.0	U	5.0	0.17	ug/L			10/08/17 17:14	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			10/08/17 17:14	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			10/08/17 17:14	1
Tetrachloroethene	0.52	J	5.0	0.12	ug/L			10/08/17 17:14	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			10/08/17 17:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/17 17:14	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			10/08/17 17:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			10/08/17 17:14	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			10/08/17 17:14	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			10/08/17 17:14	1
Toluene	5.0	U	5.0	0.25	ug/L			10/08/17 17:14	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			10/08/17 17:14	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			10/08/17 17:14	1
Xylenes, Total	15	U	15	0.28	ug/L			10/08/17 17:14	1
2-Hexanone	50	U	50	0.72	ug/L			10/08/17 17:14	1

TestAmerica Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: VP-A

Date Collected: 09/26/17 10:05

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-9

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/08/17 17:14	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			10/08/17 17:14	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			10/08/17 17:14	1
Iodomethane	5.0	U	5.0	0.19	ug/L			10/08/17 17:14	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			10/08/17 17:14	1
Methacrylonitrile	10	U	10	0.96	ug/L			10/08/17 17:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		74 - 132		10/08/17 17:14	1
4-Bromofluorobenzene	92		77 - 124		10/08/17 17:14	1
Toluene-d8 (Surr)	98		80 - 120		10/08/17 17:14	1
Dibromofluoromethane (Surr)	99		72 - 131		10/08/17 17:14	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	51	U	51	6.6	ug/L		10/02/17 07:18	10/04/17 14:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	52		34 - 158	10/02/17 07:18	10/04/17 14:36	1

Client Sample ID: VP-B

Date Collected: 09/26/17 11:00

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-10

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	1.1	ug/L			10/08/17 17:37	1
Acetonitrile	10	U	10	1.3	ug/L			10/08/17 17:37	1
Benzene	1.0	U	1.0	0.090	ug/L			10/08/17 17:37	1
Benzyl chloride	10	U	10	0.15	ug/L			10/08/17 17:37	1
Bromodichloromethane	50	U	50	0.15	ug/L			10/08/17 17:37	1
Bromoform	5.0	U	5.0	0.18	ug/L			10/08/17 17:37	1
Bromomethane	5.0	U	5.0	0.18	ug/L			10/08/17 17:37	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			10/08/17 17:37	1
Carbon disulfide	60	U	60	0.22	ug/L			10/08/17 17:37	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			10/08/17 17:37	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			10/08/17 17:37	1
Chloroethane	5.0	U	5.0	0.37	ug/L			10/08/17 17:37	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			10/08/17 17:37	1
Chloroform	7.0	U	7.0	0.22	ug/L			10/08/17 17:37	1
Chloromethane	5.0	U	5.0	0.22	ug/L			10/08/17 17:37	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			10/08/17 17:37	1
Dibromochloromethane	50	U	50	0.22	ug/L			10/08/17 17:37	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			10/08/17 17:37	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			10/08/17 17:37	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			10/08/17 17:37	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 17:37	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 17:37	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			10/08/17 17:37	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			10/08/17 17:37	1

TestAmerica Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: VP-B

Lab Sample ID: 460-141953-10

Date Collected: 09/26/17 11:00

Matrix: Water

Date Received: 09/26/17 19:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			10/08/17 17:37	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			10/08/17 17:37	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			10/08/17 17:37	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/17 17:37	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/08/17 17:37	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			10/08/17 17:37	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			10/08/17 17:37	1
Methyl methacrylate	50	U	50	0.21	ug/L			10/08/17 17:37	1
m&p-Xylene	10	U	10	0.28	ug/L			10/08/17 17:37	1
o-Xylene	5.0	U	5.0	0.32	ug/L			10/08/17 17:37	1
Styrene	5.0	U	5.0	0.17	ug/L			10/08/17 17:37	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			10/08/17 17:37	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			10/08/17 17:37	1
Tetrachloroethene	0.45	J	5.0	0.12	ug/L			10/08/17 17:37	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			10/08/17 17:37	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/17 17:37	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			10/08/17 17:37	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			10/08/17 17:37	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			10/08/17 17:37	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			10/08/17 17:37	1
Toluene	5.0	U	5.0	0.25	ug/L			10/08/17 17:37	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			10/08/17 17:37	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			10/08/17 17:37	1
Xylenes, Total	15	U	15	0.28	ug/L			10/08/17 17:37	1
2-Hexanone	50	U	50	0.72	ug/L			10/08/17 17:37	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/08/17 17:37	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			10/08/17 17:37	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			10/08/17 17:37	1
Iodomethane	5.0	U	5.0	0.19	ug/L			10/08/17 17:37	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			10/08/17 17:37	1
Methacrylonitrile	10	U	10	0.96	ug/L			10/08/17 17:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		74 - 132		10/08/17 17:37	1
4-Bromofluorobenzene	92		77 - 124		10/08/17 17:37	1
Toluene-d8 (Surr)	100		80 - 120		10/08/17 17:37	1
Dibromofluoromethane (Surr)	103		72 - 131		10/08/17 17:37	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	51	U	51	6.6	ug/L		10/02/17 07:18	10/04/17 14:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	71		34 - 158	10/02/17 07:18	10/04/17 14:46	1

TestAmerica Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: GW-DUP

Lab Sample ID: 460-141953-11

Date Collected: 09/26/17 12:00

Matrix: Water

Date Received: 09/26/17 19:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	1.1	ug/L			10/08/17 18:00	1
Acetonitrile	10	U	10	1.3	ug/L			10/08/17 18:00	1
Benzene	1.0	U	1.0	0.090	ug/L			10/08/17 18:00	1
Benzyl chloride	10	U	10	0.15	ug/L			10/08/17 18:00	1
Bromodichloromethane	50	U	50	0.15	ug/L			10/08/17 18:00	1
Bromoform	5.0	U	5.0	0.18	ug/L			10/08/17 18:00	1
Bromomethane	5.0	U	5.0	0.18	ug/L			10/08/17 18:00	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			10/08/17 18:00	1
Carbon disulfide	60	U	60	0.22	ug/L			10/08/17 18:00	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			10/08/17 18:00	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			10/08/17 18:00	1
Chloroethane	5.0	U	5.0	0.37	ug/L			10/08/17 18:00	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			10/08/17 18:00	1
Chloroform	7.0	U	7.0	0.22	ug/L			10/08/17 18:00	1
Chloromethane	5.0	U	5.0	0.22	ug/L			10/08/17 18:00	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			10/08/17 18:00	1
Dibromochloromethane	50	U	50	0.22	ug/L			10/08/17 18:00	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			10/08/17 18:00	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			10/08/17 18:00	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			10/08/17 18:00	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 18:00	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 18:00	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			10/08/17 18:00	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			10/08/17 18:00	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			10/08/17 18:00	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			10/08/17 18:00	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			10/08/17 18:00	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/17 18:00	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/08/17 18:00	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			10/08/17 18:00	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			10/08/17 18:00	1
Methyl methacrylate	50	U	50	0.21	ug/L			10/08/17 18:00	1
m&p-Xylene	10	U	10	0.28	ug/L			10/08/17 18:00	1
o-Xylene	5.0	U	5.0	0.32	ug/L			10/08/17 18:00	1
Styrene	5.0	U	5.0	0.17	ug/L			10/08/17 18:00	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			10/08/17 18:00	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			10/08/17 18:00	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			10/08/17 18:00	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			10/08/17 18:00	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/17 18:00	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			10/08/17 18:00	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			10/08/17 18:00	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			10/08/17 18:00	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			10/08/17 18:00	1
Toluene	5.0	U	5.0	0.25	ug/L			10/08/17 18:00	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			10/08/17 18:00	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			10/08/17 18:00	1
Xylenes, Total	15	U	15	0.28	ug/L			10/08/17 18:00	1
2-Hexanone	50	U	50	0.72	ug/L			10/08/17 18:00	1

TestAmerica Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: GW-DUP

Lab Sample ID: 460-141953-11

Date Collected: 09/26/17 12:00

Matrix: Water

Date Received: 09/26/17 19:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/08/17 18:00	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			10/08/17 18:00	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			10/08/17 18:00	1
Iodomethane	5.0	U	5.0	0.19	ug/L			10/08/17 18:00	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			10/08/17 18:00	1
Methacrylonitrile	10	U	10	0.96	ug/L			10/08/17 18:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		74 - 132		10/08/17 18:00	1
4-Bromofluorobenzene	94		77 - 124		10/08/17 18:00	1
Toluene-d8 (Surr)	101		80 - 120		10/08/17 18:00	1
Dibromofluoromethane (Surr)	103		72 - 131		10/08/17 18:00	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	84		51	6.6	ug/L		10/02/17 07:18	10/04/17 14:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	69		34 - 158	10/02/17 07:18	10/04/17 14:56	1

Client Sample ID: TRIP BLANK-1

Lab Sample ID: 460-141953-12

Date Collected: 09/26/17 14:45

Matrix: Water

Date Received: 09/26/17 19:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	1.1	ug/L			10/08/17 12:59	1
Acetonitrile	10	U	10	1.3	ug/L			10/08/17 12:59	1
Benzene	1.0	U	1.0	0.090	ug/L			10/08/17 12:59	1
Benzyl chloride	10	U	10	0.15	ug/L			10/08/17 12:59	1
Bromodichloromethane	50	U	50	0.15	ug/L			10/08/17 12:59	1
Bromoform	5.0	U	5.0	0.18	ug/L			10/08/17 12:59	1
Bromomethane	5.0	U	5.0	0.18	ug/L			10/08/17 12:59	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			10/08/17 12:59	1
Carbon disulfide	60	U	60	0.22	ug/L			10/08/17 12:59	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			10/08/17 12:59	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			10/08/17 12:59	1
Chloroethane	5.0	U	5.0	0.37	ug/L			10/08/17 12:59	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			10/08/17 12:59	1
Chloroform	7.0	U	7.0	0.22	ug/L			10/08/17 12:59	1
Chloromethane	5.0	U	5.0	0.22	ug/L			10/08/17 12:59	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			10/08/17 12:59	1
Dibromochloromethane	50	U	50	0.22	ug/L			10/08/17 12:59	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			10/08/17 12:59	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			10/08/17 12:59	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			10/08/17 12:59	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 12:59	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 12:59	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			10/08/17 12:59	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			10/08/17 12:59	1

TestAmerica Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: TRIP BLANK-1

Lab Sample ID: 460-141953-12

Date Collected: 09/26/17 14:45

Matrix: Water

Date Received: 09/26/17 19:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			10/08/17 12:59	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			10/08/17 12:59	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			10/08/17 12:59	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/17 12:59	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/08/17 12:59	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			10/08/17 12:59	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			10/08/17 12:59	1
Methyl methacrylate	50	U	50	0.21	ug/L			10/08/17 12:59	1
m&p-Xylene	10	U	10	0.28	ug/L			10/08/17 12:59	1
o-Xylene	5.0	U	5.0	0.32	ug/L			10/08/17 12:59	1
Styrene	5.0	U	5.0	0.17	ug/L			10/08/17 12:59	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			10/08/17 12:59	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			10/08/17 12:59	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			10/08/17 12:59	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			10/08/17 12:59	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/17 12:59	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			10/08/17 12:59	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			10/08/17 12:59	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			10/08/17 12:59	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			10/08/17 12:59	1
Toluene	5.0	U	5.0	0.25	ug/L			10/08/17 12:59	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			10/08/17 12:59	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			10/08/17 12:59	1
Xylenes, Total	15	U	15	0.28	ug/L			10/08/17 12:59	1
2-Hexanone	50	U	50	0.72	ug/L			10/08/17 12:59	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/08/17 12:59	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			10/08/17 12:59	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			10/08/17 12:59	1
Iodomethane	5.0	U	5.0	0.19	ug/L			10/08/17 12:59	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			10/08/17 12:59	1
Methacrylonitrile	10	U	10	0.96	ug/L			10/08/17 12:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		74 - 132		10/08/17 12:59	1
4-Bromofluorobenzene	92		77 - 124		10/08/17 12:59	1
Toluene-d8 (Surr)	101		80 - 120		10/08/17 12:59	1
Dibromofluoromethane (Surr)	102		72 - 131		10/08/17 12:59	1

Client Sample ID: Rinse Blank-1

Lab Sample ID: 460-141953-13

Date Collected: 09/26/17 14:44

Matrix: Water

Date Received: 09/26/17 19:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	1.1	ug/L			10/08/17 13:22	1
Acetonitrile	10	U	10	1.3	ug/L			10/08/17 13:22	1
Benzene	1.0	U	1.0	0.090	ug/L			10/08/17 13:22	1
Benzyl chloride	10	U	10	0.15	ug/L			10/08/17 13:22	1
Bromodichloromethane	50	U	50	0.15	ug/L			10/08/17 13:22	1
Bromoform	5.0	U	5.0	0.18	ug/L			10/08/17 13:22	1

TestAmerica Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: Rinse Blank-1

Lab Sample ID: 460-141953-13

Date Collected: 09/26/17 14:44

Matrix: Water

Date Received: 09/26/17 19:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	5.0	U	5.0	0.18	ug/L			10/08/17 13:22	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			10/08/17 13:22	1
Carbon disulfide	60	U	60	0.22	ug/L			10/08/17 13:22	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			10/08/17 13:22	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			10/08/17 13:22	1
Chloroethane	5.0	U	5.0	0.37	ug/L			10/08/17 13:22	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			10/08/17 13:22	1
Chloroform	7.0	U	7.0	0.22	ug/L			10/08/17 13:22	1
Chloromethane	5.0	U	5.0	0.22	ug/L			10/08/17 13:22	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			10/08/17 13:22	1
Dibromochloromethane	50	U	50	0.22	ug/L			10/08/17 13:22	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			10/08/17 13:22	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			10/08/17 13:22	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			10/08/17 13:22	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 13:22	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 13:22	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			10/08/17 13:22	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			10/08/17 13:22	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			10/08/17 13:22	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			10/08/17 13:22	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			10/08/17 13:22	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/17 13:22	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/08/17 13:22	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			10/08/17 13:22	1
Methylene Chloride	10		5.0	0.21	ug/L			10/08/17 13:22	1
Methyl methacrylate	50	U	50	0.21	ug/L			10/08/17 13:22	1
m&p-Xylene	0.61	J	10	0.28	ug/L			10/08/17 13:22	1
o-Xylene	5.0	U	5.0	0.32	ug/L			10/08/17 13:22	1
Styrene	5.0	U	5.0	0.17	ug/L			10/08/17 13:22	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			10/08/17 13:22	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			10/08/17 13:22	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			10/08/17 13:22	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			10/08/17 13:22	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/17 13:22	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			10/08/17 13:22	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			10/08/17 13:22	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			10/08/17 13:22	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			10/08/17 13:22	1
Toluene	0.33	J	5.0	0.25	ug/L			10/08/17 13:22	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			10/08/17 13:22	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			10/08/17 13:22	1
Xylenes, Total	0.61	J	15	0.28	ug/L			10/08/17 13:22	1
2-Hexanone	50	U	50	0.72	ug/L			10/08/17 13:22	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/08/17 13:22	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			10/08/17 13:22	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			10/08/17 13:22	1
Iodomethane	5.0	U	5.0	0.19	ug/L			10/08/17 13:22	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			10/08/17 13:22	1
Methacrylonitrile	10	U	10	0.96	ug/L			10/08/17 13:22	1

TestAmerica Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: Rinse Blank-1

Date Collected: 09/26/17 14:44

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-13

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		74 - 132		10/08/17 13:22	1
4-Bromofluorobenzene	95		77 - 124		10/08/17 13:22	1
Toluene-d8 (Surr)	100		80 - 120		10/08/17 13:22	1
Dibromofluoromethane (Surr)	102		72 - 131		10/08/17 13:22	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	72		51	6.6	ug/L		10/02/17 07:18	10/04/17 15:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	52		34 - 158				10/02/17 07:18	10/04/17 15:06	1

Client Sample ID: Rinse Blank-2

Date Collected: 09/26/17 14:45

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-14

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	1.1	ug/L			10/08/17 13:45	1
Acetonitrile	10	U	10	1.3	ug/L			10/08/17 13:45	1
Benzene	1.0	U	1.0	0.090	ug/L			10/08/17 13:45	1
Benzyl chloride	10	U	10	0.15	ug/L			10/08/17 13:45	1
Bromodichloromethane	50	U	50	0.15	ug/L			10/08/17 13:45	1
Bromoform	5.0	U	5.0	0.18	ug/L			10/08/17 13:45	1
Bromomethane	5.0	U	5.0	0.18	ug/L			10/08/17 13:45	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			10/08/17 13:45	1
Carbon disulfide	60	U	60	0.22	ug/L			10/08/17 13:45	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			10/08/17 13:45	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			10/08/17 13:45	1
Chloroethane	5.0	U	5.0	0.37	ug/L			10/08/17 13:45	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			10/08/17 13:45	1
Chloroform	7.0	U	7.0	0.22	ug/L			10/08/17 13:45	1
Chloromethane	5.0	U	5.0	0.22	ug/L			10/08/17 13:45	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			10/08/17 13:45	1
Dibromochloromethane	50	U	50	0.22	ug/L			10/08/17 13:45	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			10/08/17 13:45	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			10/08/17 13:45	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			10/08/17 13:45	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 13:45	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 13:45	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			10/08/17 13:45	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			10/08/17 13:45	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			10/08/17 13:45	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			10/08/17 13:45	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			10/08/17 13:45	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/17 13:45	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/08/17 13:45	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			10/08/17 13:45	1
Methylene Chloride	10		5.0	0.21	ug/L			10/08/17 13:45	1
Methyl methacrylate	50	U	50	0.21	ug/L			10/08/17 13:45	1
m&p-Xylene	0.60	J	10	0.28	ug/L			10/08/17 13:45	1

TestAmerica Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: Rinse Blank-2

Lab Sample ID: 460-141953-14

Date Collected: 09/26/17 14:45

Matrix: Water

Date Received: 09/26/17 19:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	5.0	U	5.0	0.32	ug/L			10/08/17 13:45	1
Styrene	5.0	U	5.0	0.17	ug/L			10/08/17 13:45	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			10/08/17 13:45	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			10/08/17 13:45	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			10/08/17 13:45	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			10/08/17 13:45	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/17 13:45	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			10/08/17 13:45	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			10/08/17 13:45	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			10/08/17 13:45	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			10/08/17 13:45	1
Toluene	0.34	J	5.0	0.25	ug/L			10/08/17 13:45	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			10/08/17 13:45	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			10/08/17 13:45	1
Xylenes, Total	0.60	J	15	0.28	ug/L			10/08/17 13:45	1
2-Hexanone	50	U	50	0.72	ug/L			10/08/17 13:45	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/08/17 13:45	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			10/08/17 13:45	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			10/08/17 13:45	1
Iodomethane	5.0	U	5.0	0.19	ug/L			10/08/17 13:45	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			10/08/17 13:45	1
Methacrylonitrile	10	U	10	0.96	ug/L			10/08/17 13:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		74 - 132		10/08/17 13:45	1
4-Bromofluorobenzene	93		77 - 124		10/08/17 13:45	1
Toluene-d8 (Surr)	99		80 - 120		10/08/17 13:45	1
Dibromofluoromethane (Surr)	99		72 - 131		10/08/17 13:45	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	65		51	6.6	ug/L		10/02/17 07:18	10/04/17 15:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	69		34 - 158	10/02/17 07:18	10/04/17 15:16	1

Client Sample ID: DW-1

Lab Sample ID: 460-141953-15

Date Collected: 09/26/17 13:20

Matrix: Water

Date Received: 09/26/17 19:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	1.1	ug/L			10/08/17 18:24	1
Acetonitrile	10	U	10	1.3	ug/L			10/08/17 18:24	1
Benzene	1.0	U	1.0	0.090	ug/L			10/08/17 18:24	1
Benzyl chloride	10	U	10	0.15	ug/L			10/08/17 18:24	1
Bromodichloromethane	50	U	50	0.15	ug/L			10/08/17 18:24	1
Bromoform	5.0	U	5.0	0.18	ug/L			10/08/17 18:24	1
Bromomethane	5.0	U	5.0	0.18	ug/L			10/08/17 18:24	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			10/08/17 18:24	1

TestAmerica Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: DW-1

Date Collected: 09/26/17 13:20

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-15

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	60	U	60	0.22	ug/L			10/08/17 18:24	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			10/08/17 18:24	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			10/08/17 18:24	1
Chloroethane	5.0	U	5.0	0.37	ug/L			10/08/17 18:24	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			10/08/17 18:24	1
Chloroform	7.0	U	7.0	0.22	ug/L			10/08/17 18:24	1
Chloromethane	5.0	U	5.0	0.22	ug/L			10/08/17 18:24	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			10/08/17 18:24	1
Dibromochloromethane	50	U	50	0.22	ug/L			10/08/17 18:24	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			10/08/17 18:24	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			10/08/17 18:24	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			10/08/17 18:24	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 18:24	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 18:24	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			10/08/17 18:24	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			10/08/17 18:24	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			10/08/17 18:24	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			10/08/17 18:24	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			10/08/17 18:24	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/17 18:24	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/08/17 18:24	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			10/08/17 18:24	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			10/08/17 18:24	1
Methyl methacrylate	50	U	50	0.21	ug/L			10/08/17 18:24	1
m&p-Xylene	10	U	10	0.28	ug/L			10/08/17 18:24	1
o-Xylene	5.0	U	5.0	0.32	ug/L			10/08/17 18:24	1
Styrene	5.0	U	5.0	0.17	ug/L			10/08/17 18:24	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			10/08/17 18:24	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			10/08/17 18:24	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			10/08/17 18:24	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			10/08/17 18:24	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/17 18:24	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			10/08/17 18:24	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			10/08/17 18:24	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			10/08/17 18:24	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			10/08/17 18:24	1
Toluene	5.0	U	5.0	0.25	ug/L			10/08/17 18:24	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			10/08/17 18:24	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			10/08/17 18:24	1
Xylenes, Total	15	U	15	0.28	ug/L			10/08/17 18:24	1
2-Hexanone	50	U	50	0.72	ug/L			10/08/17 18:24	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/08/17 18:24	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			10/08/17 18:24	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			10/08/17 18:24	1
Iodomethane	5.0	U	5.0	0.19	ug/L			10/08/17 18:24	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			10/08/17 18:24	1
Methacrylonitrile	10	U	10	0.96	ug/L			10/08/17 18:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		74 - 132		10/08/17 18:24	1

TestAmerica Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: DW-1

Date Collected: 09/26/17 13:20

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-15

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		77 - 124		10/08/17 18:24	1
Toluene-d8 (Surr)	99		80 - 120		10/08/17 18:24	1
Dibromofluoromethane (Surr)	100		72 - 131		10/08/17 18:24	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	51	U	51	6.6	ug/L		10/02/17 07:18	10/04/17 15:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	59		34 - 158	10/02/17 07:18	10/04/17 15:27	1

Surrogate Summary

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (74-132)	BFB (77-124)	TOL (80-120)	DBFM (72-131)
460-141953-1	GT-1	106	94	100	104
460-141953-2	GT-2	106	94	101	103
460-141953-3	GT-3	106	95	99	104
460-141953-4	GT-5	106	94	100	99
460-141953-5	GT-6	103	93	101	102
460-141953-6	GT-7	106	93	100	102
460-141953-7	VE-1R	107	95	101	103
460-141953-8	VE-5	105	94	101	102
460-141953-9	VP-A	108	92	98	99
460-141953-10	VP-B	108	92	100	103
460-141953-11	GW-DUP	107	94	101	103
460-141953-12	TRIP BLANK-1	106	92	101	102
460-141953-13	Rinse Blank-1	104	95	100	102
460-141953-14	Rinse Blank-2	107	93	99	99
460-141953-15	DW-1	108	92	99	100
LCS 460-467699/4	Lab Control Sample	104	95	103	101
LCSD 460-467699/5	Lab Control Sample Dup	103	96	100	99
MB 460-467699/8	Method Blank	105	94	101	99

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

Method: 8015D - Hydrocarbon Product Identification (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		OTPH (34-158)			
460-141953-1	GT-1	61			
460-141953-2	GT-2	46			
460-141953-3	GT-3	68			
460-141953-4	GT-5	62			
460-141953-5	GT-6	77			
460-141953-6	GT-7	79			
460-141953-7	VE-1R	62			
460-141953-8	VE-5	79			
460-141953-9	VP-A	52			
460-141953-10	VP-B	71			
460-141953-11	GW-DUP	69			
460-141953-13	Rinse Blank-1	52			
460-141953-14	Rinse Blank-2	69			
460-141953-15	DW-1	59			
LCS 460-466313/2-A	Lab Control Sample	55			
LCSD 460-466313/3-A	Lab Control Sample Dup	68			
MB 460-466313/1-A	Method Blank	68			

Surrogate Legend

TestAmerica Edison

Surrogate Summary

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

 OTPH = o-Terphenyl

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-467699/8

Matrix: Water

Analysis Batch: 467699

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	1.1	ug/L			10/08/17 12:35	1
Acetonitrile	10	U	10	1.3	ug/L			10/08/17 12:35	1
Benzene	1.0	U	1.0	0.090	ug/L			10/08/17 12:35	1
Benzyl chloride	10	U	10	0.15	ug/L			10/08/17 12:35	1
Bromodichloromethane	50	U	50	0.15	ug/L			10/08/17 12:35	1
Bromoform	5.0	U	5.0	0.18	ug/L			10/08/17 12:35	1
Bromomethane	5.0	U	5.0	0.18	ug/L			10/08/17 12:35	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			10/08/17 12:35	1
Carbon disulfide	60	U	60	0.22	ug/L			10/08/17 12:35	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			10/08/17 12:35	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			10/08/17 12:35	1
Chloroethane	5.0	U	5.0	0.37	ug/L			10/08/17 12:35	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			10/08/17 12:35	1
Chloroform	7.0	U	7.0	0.22	ug/L			10/08/17 12:35	1
Chloromethane	5.0	U	5.0	0.22	ug/L			10/08/17 12:35	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			10/08/17 12:35	1
Dibromochloromethane	50	U	50	0.22	ug/L			10/08/17 12:35	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			10/08/17 12:35	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			10/08/17 12:35	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			10/08/17 12:35	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 12:35	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/08/17 12:35	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			10/08/17 12:35	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			10/08/17 12:35	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			10/08/17 12:35	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			10/08/17 12:35	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			10/08/17 12:35	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			10/08/17 12:35	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/08/17 12:35	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			10/08/17 12:35	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			10/08/17 12:35	1
Methyl methacrylate	50	U	50	0.21	ug/L			10/08/17 12:35	1
m&p-Xylene	10	U	10	0.28	ug/L			10/08/17 12:35	1
o-Xylene	5.0	U	5.0	0.32	ug/L			10/08/17 12:35	1
Styrene	5.0	U	5.0	0.17	ug/L			10/08/17 12:35	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			10/08/17 12:35	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			10/08/17 12:35	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			10/08/17 12:35	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			10/08/17 12:35	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			10/08/17 12:35	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			10/08/17 12:35	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			10/08/17 12:35	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			10/08/17 12:35	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			10/08/17 12:35	1
Toluene	5.0	U	5.0	0.25	ug/L			10/08/17 12:35	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			10/08/17 12:35	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			10/08/17 12:35	1
Xylenes, Total	15	U	15	0.28	ug/L			10/08/17 12:35	1

TestAmerica Edison

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-467699/8

Matrix: Water

Analysis Batch: 467699

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	50	U	50	0.72	ug/L			10/08/17 12:35	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/08/17 12:35	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			10/08/17 12:35	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			10/08/17 12:35	1
Iodomethane	5.0	U	5.0	0.19	ug/L			10/08/17 12:35	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			10/08/17 12:35	1
Methacrylonitrile	10	U	10	0.96	ug/L			10/08/17 12:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		74 - 132		10/08/17 12:35	1
4-Bromofluorobenzene	94		77 - 124		10/08/17 12:35	1
Toluene-d8 (Surr)	101		80 - 120		10/08/17 12:35	1
Dibromofluoromethane (Surr)	99		72 - 131		10/08/17 12:35	1

Lab Sample ID: LCS 460-467699/4

Matrix: Water

Analysis Batch: 467699

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	97.3		ug/L		97	39 - 150
Acetonitrile	200	212		ug/L		106	37 - 150
Benzene	20.0	22.0		ug/L		110	77 - 121
Benzyl chloride	20.0	22.5		ug/L		113	48 - 133
Bromodichloromethane	20.0	19.4	J	ug/L		97	76 - 120
Bromoform	20.0	18.4		ug/L		92	53 - 120
Bromomethane	20.0	16.9		ug/L		84	10 - 150
4-Methyl-2-pentanone (MIBK)	100	113		ug/L		113	78 - 124
Carbon disulfide	20.0	18.6	J	ug/L		93	69 - 133
Carbon tetrachloride	20.0	19.8		ug/L		99	70 - 132
Chlorobenzene	20.0	20.3		ug/L		101	80 - 120
Chloroethane	20.0	21.4		ug/L		107	52 - 150
2-Chloroethyl vinyl ether	20.0	21.8		ug/L		109	43 - 146
Chloroform	20.0	21.0		ug/L		105	80 - 120
Chloromethane	20.0	20.9		ug/L		104	56 - 131
cis-1,3-Dichloropropene	20.0	20.8		ug/L		104	77 - 120
Dibromochloromethane	20.0	18.6	J	ug/L		93	73 - 120
Dibromomethane	20.0	20.5		ug/L		102	79 - 120
1,2-Dibromo-3-Chloropropane	20.0	21.7		ug/L		108	55 - 134
1,2-Dichlorobenzene	20.0	21.1		ug/L		106	80 - 120
1,3-Dichlorobenzene	20.0	21.2		ug/L		106	80 - 120
1,4-Dichlorobenzene	20.0	20.7		ug/L		103	80 - 120
Dichlorodifluoromethane	20.0	16.4		ug/L		82	50 - 131
1,1-Dichloroethane	20.0	21.5		ug/L		108	77 - 123
1,2-Dichloroethane	20.0	20.7		ug/L		103	76 - 121
1,1-Dichloroethene	20.0	18.2		ug/L		91	74 - 123
1,2-Dichloroethene, Total	40.0	40.7		ug/L		102	80 - 120
1,2-Dichloropropane	20.0	22.1		ug/L		111	77 - 123
Ethylbenzene	20.0	20.0		ug/L		100	80 - 120

TestAmerica Edison

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-467699/4

Matrix: Water

Analysis Batch: 467699

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Butanone (MEK)	100	90.3		ug/L		90	64 - 120
Methylene Chloride	20.0	19.6		ug/L		98	77 - 123
Methyl methacrylate	40.0	38.3	J	ug/L		96	71 - 124
m&p-Xylene	20.0	20.7		ug/L		104	80 - 120
o-Xylene	20.0	20.5		ug/L		102	80 - 120
Styrene	20.0	20.9		ug/L		105	80 - 120
1,1,1,2-Tetrachloroethane	20.0	19.6		ug/L		98	77 - 120
1,1,2,2-Tetrachloroethane	20.0	23.2		ug/L		116	74 - 120
Tetrachloroethene	20.0	18.4		ug/L		92	78 - 122
trans-1,2-Dichloroethene	20.0	20.9		ug/L		104	79 - 120
trans-1,3-Dichloropropene	20.0	21.6		ug/L		108	76 - 120
1,1,1-Trichloroethane	20.0	18.9		ug/L		95	75 - 125
1,1,2-Trichloroethane	20.0	21.0		ug/L		105	78 - 120
Trichloroethene	20.0	19.6		ug/L		98	77 - 120
1,2,3-Trichloropropane	20.0	19.9		ug/L		100	76 - 120
Toluene	20.0	20.9		ug/L		104	80 - 120
Vinyl acetate	40.0	38.4		ug/L		96	10 - 150
Vinyl chloride	20.0	19.3		ug/L		96	62 - 138
Xylenes, Total	40.0	41.2		ug/L		103	80 - 120
2-Hexanone	100	111		ug/L		111	71 - 125
cis-1,2-Dichloroethene	20.0	19.8		ug/L		99	80 - 120
1,2-Dibromoethane	20.0	20.4		ug/L		102	80 - 120
Ethyl methacrylate	20.0	21.1		ug/L		105	70 - 121
Iodomethane	20.0	17.9		ug/L		89	10 - 147
trans-1,4-Dichloro-2-butene	20.0	21.6		ug/L		108	61 - 122
Methacrylonitrile	200	209		ug/L		105	77 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		74 - 132
4-Bromofluorobenzene	95		77 - 124
Toluene-d8 (Surr)	103		80 - 120
Dibromofluoromethane (Surr)	101		72 - 131

Lab Sample ID: LCSD 460-467699/5

Matrix: Water

Analysis Batch: 467699

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	95.0		ug/L		95	39 - 150	2	30
Acetonitrile	200	196		ug/L		98	37 - 150	8	30
Benzene	20.0	21.7		ug/L		108	77 - 121	1	30
Benzyl chloride	20.0	23.0		ug/L		115	48 - 133	2	30
Bromodichloromethane	20.0	20.2	J	ug/L		101	76 - 120	4	30
Bromoform	20.0	19.6		ug/L		98	53 - 120	6	30
Bromomethane	20.0	19.7		ug/L		99	10 - 150	15	30
4-Methyl-2-pentanone (MIBK)	100	119		ug/L		119	78 - 124	6	30
Carbon disulfide	20.0	20.1	J	ug/L		100	69 - 133	8	30
Carbon tetrachloride	20.0	20.2		ug/L		101	70 - 132	2	30

TestAmerica Edison

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-467699/5

Matrix: Water

Analysis Batch: 467699

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorobenzene	20.0	21.0		ug/L		105	80 - 120	3	30
Chloroethane	20.0	23.3		ug/L		117	52 - 150	9	30
2-Chloroethyl vinyl ether	20.0	22.7		ug/L		113	43 - 146	4	30
Chloroform	20.0	21.6		ug/L		108	80 - 120	3	30
Chloromethane	20.0	22.3		ug/L		111	56 - 131	7	30
cis-1,3-Dichloropropene	20.0	21.3		ug/L		107	77 - 120	3	30
Dibromochloromethane	20.0	19.7	J	ug/L		98	73 - 120	5	30
Dibromomethane	20.0	21.6		ug/L		108	79 - 120	5	30
1,2-Dibromo-3-Chloropropane	20.0	23.5		ug/L		118	55 - 134	8	30
1,2-Dichlorobenzene	20.0	21.1		ug/L		105	80 - 120	0	30
1,3-Dichlorobenzene	20.0	21.8		ug/L		109	80 - 120	3	30
1,4-Dichlorobenzene	20.0	21.2		ug/L		106	80 - 120	3	30
Dichlorodifluoromethane	20.0	17.1		ug/L		85	50 - 131	4	30
1,1-Dichloroethane	20.0	23.1		ug/L		116	77 - 123	7	30
1,2-Dichloroethane	20.0	20.9		ug/L		104	76 - 121	1	30
1,1-Dichloroethene	20.0	19.7		ug/L		98	74 - 123	8	30
1,2-Dichloroethene, Total	40.0	41.8		ug/L		105	80 - 120	3	30
1,2-Dichloropropane	20.0	22.9		ug/L		115	77 - 123	4	30
Ethylbenzene	20.0	21.2		ug/L		106	80 - 120	6	30
2-Butanone (MEK)	100	93.7		ug/L		94	64 - 120	4	30
Methylene Chloride	20.0	21.1		ug/L		105	77 - 123	7	30
Methyl methacrylate	40.0	41.0	J	ug/L		103	71 - 124	7	30
m&p-Xylene	20.0	21.6		ug/L		108	80 - 120	4	30
o-Xylene	20.0	21.4		ug/L		107	80 - 120	5	30
Styrene	20.0	21.8		ug/L		109	80 - 120	4	30
1,1,1,2-Tetrachloroethane	20.0	20.1		ug/L		101	77 - 120	2	30
1,1,2,2-Tetrachloroethane	20.0	23.3		ug/L		116	74 - 120	0	30
Tetrachloroethene	20.0	18.7		ug/L		93	78 - 122	2	30
trans-1,2-Dichloroethene	20.0	21.5		ug/L		108	79 - 120	3	30
trans-1,3-Dichloropropene	20.0	21.5		ug/L		108	76 - 120	0	30
1,1,1-Trichloroethane	20.0	19.9		ug/L		100	75 - 125	5	30
1,1,2-Trichloroethane	20.0	21.6		ug/L		108	78 - 120	3	30
Trichloroethene	20.0	20.3		ug/L		102	77 - 120	4	30
1,2,3-Trichloropropane	20.0	21.3		ug/L		107	76 - 120	7	30
Toluene	20.0	21.2		ug/L		106	80 - 120	2	30
Vinyl acetate	40.0	39.5		ug/L		99	10 - 150	3	30
Vinyl chloride	20.0	19.9		ug/L		100	62 - 138	3	30
Xylenes, Total	40.0	43.1		ug/L		108	80 - 120	4	30
2-Hexanone	100	118		ug/L		118	71 - 125	7	30
cis-1,2-Dichloroethene	20.0	20.3		ug/L		102	80 - 120	3	30
1,2-Dibromoethane	20.0	21.2		ug/L		106	80 - 120	4	30
Ethyl methacrylate	20.0	21.8		ug/L		109	70 - 121	4	30
Iodomethane	20.0	19.1		ug/L		95	10 - 147	6	30
trans-1,4-Dichloro-2-butene	20.0	23.4		ug/L		117	61 - 122	8	30
Methacrylonitrile	200	215		ug/L		108	77 - 130	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	103		74 - 132

TestAmerica Edison

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-467699/5

Matrix: Water

Analysis Batch: 467699

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	96		77 - 124
Toluene-d8 (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	99		72 - 131

Method: 8015D - Hydrocarbon Product Identification (GC)

Lab Sample ID: MB 460-466313/1-A

Matrix: Water

Analysis Batch: 466819

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 466313

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	50	U	50	6.5	ug/L	-	10/02/17 07:18	10/04/17 11:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	68		34 - 158				10/02/17 07:18	10/04/17 11:26	1

Lab Sample ID: LCS 460-466313/2-A

Matrix: Water

Analysis Batch: 466819

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 466313

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
Mineral Spirits	2500	1900		ug/L	-	76	70 - 130
Surrogate	%Recovery	Qualifier	Limits				
o-Terphenyl	55		34 - 158				

Lab Sample ID: LCSD 460-466313/3-A

Matrix: Water

Analysis Batch: 466819

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 466313

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD
Mineral Spirits	2500	1770		ug/L	-	71	70 - 130	7
Surrogate	%Recovery	Qualifier	Limits					
o-Terphenyl	68		34 - 158					

Definitions/Glossary

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Analyzed for but not detected.
J	Indicates an estimated value.

GC Semi VOA

Qualifier	Qualifier Description
U	Analyzed for but not detected.
J	Indicates an estimated value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

QC Association Summary

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

GC/MS VOA

Analysis Batch: 467699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-141953-1	GT-1	Total/NA	Water	8260C	
460-141953-2	GT-2	Total/NA	Water	8260C	
460-141953-3	GT-3	Total/NA	Water	8260C	
460-141953-4	GT-5	Total/NA	Water	8260C	
460-141953-5	GT-6	Total/NA	Water	8260C	
460-141953-6	GT-7	Total/NA	Water	8260C	
460-141953-7	VE-1R	Total/NA	Water	8260C	
460-141953-8	VE-5	Total/NA	Water	8260C	
460-141953-9	VP-A	Total/NA	Water	8260C	
460-141953-10	VP-B	Total/NA	Water	8260C	
460-141953-11	GW-DUP	Total/NA	Water	8260C	
460-141953-12	TRIP BLANK-1	Total/NA	Water	8260C	
460-141953-13	Rinse Blank-1	Total/NA	Water	8260C	
460-141953-14	Rinse Blank-2	Total/NA	Water	8260C	
460-141953-15	DW-1	Total/NA	Water	8260C	
MB 460-467699/8	Method Blank	Total/NA	Water	8260C	
LCS 460-467699/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-467699/5	Lab Control Sample Dup	Total/NA	Water	8260C	

GC Semi VOA

Prep Batch: 466313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-141953-1	GT-1	Total/NA	Water	3510C	
460-141953-2	GT-2	Total/NA	Water	3510C	
460-141953-3	GT-3	Total/NA	Water	3510C	
460-141953-4	GT-5	Total/NA	Water	3510C	
460-141953-5	GT-6	Total/NA	Water	3510C	
460-141953-6	GT-7	Total/NA	Water	3510C	
460-141953-7	VE-1R	Total/NA	Water	3510C	
460-141953-8	VE-5	Total/NA	Water	3510C	
460-141953-9	VP-A	Total/NA	Water	3510C	
460-141953-10	VP-B	Total/NA	Water	3510C	
460-141953-11	GW-DUP	Total/NA	Water	3510C	
460-141953-13	Rinse Blank-1	Total/NA	Water	3510C	
460-141953-14	Rinse Blank-2	Total/NA	Water	3510C	
460-141953-15	DW-1	Total/NA	Water	3510C	
MB 460-466313/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-466313/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-466313/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 466819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-141953-1	GT-1	Total/NA	Water	8015D	466313
460-141953-2	GT-2	Total/NA	Water	8015D	466313
460-141953-3	GT-3	Total/NA	Water	8015D	466313
460-141953-4	GT-5	Total/NA	Water	8015D	466313
460-141953-5	GT-6	Total/NA	Water	8015D	466313
460-141953-6	GT-7	Total/NA	Water	8015D	466313
460-141953-7	VE-1R	Total/NA	Water	8015D	466313

QC Association Summary

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

GC Semi VOA (Continued)

Analysis Batch: 466819 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-141953-8	VE-5	Total/NA	Water	8015D	466313
460-141953-9	VP-A	Total/NA	Water	8015D	466313
460-141953-10	VP-B	Total/NA	Water	8015D	466313
460-141953-11	GW-DUP	Total/NA	Water	8015D	466313
460-141953-13	Rinse Blank-1	Total/NA	Water	8015D	466313
460-141953-14	Rinse Blank-2	Total/NA	Water	8015D	466313
460-141953-15	DW-1	Total/NA	Water	8015D	466313
MB 460-466313/1-A	Method Blank	Total/NA	Water	8015D	466313
LCS 460-466313/2-A	Lab Control Sample	Total/NA	Water	8015D	466313
LCSD 460-466313/3-A	Lab Control Sample Dup	Total/NA	Water	8015D	466313

Lab Chronicle

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: GT-1

Date Collected: 09/26/17 12:00

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	467699	10/08/17 14:08	KLB	TAL EDI
Total/NA	Prep	3510C			466313	10/02/17 07:18	HAW	TAL EDI
Total/NA	Analysis	8015D		1	466819	10/04/17 11:56	SOK	TAL EDI

Client Sample ID: GT-2

Date Collected: 09/25/17 16:00

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	467699	10/08/17 14:32	KLB	TAL EDI
Total/NA	Prep	3510C			466313	10/02/17 07:18	HAW	TAL EDI
Total/NA	Analysis	8015D		1	466819	10/04/17 12:06	SOK	TAL EDI

Client Sample ID: GT-3

Date Collected: 09/25/17 16:55

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	467699	10/08/17 14:55	KLB	TAL EDI
Total/NA	Prep	3510C			466313	10/02/17 07:18	HAW	TAL EDI
Total/NA	Analysis	8015D		1	466819	10/04/17 12:17	SOK	TAL EDI

Client Sample ID: GT-5

Date Collected: 09/25/17 17:45

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	467699	10/08/17 15:18	KLB	TAL EDI
Total/NA	Prep	3510C			466313	10/02/17 07:18	HAW	TAL EDI
Total/NA	Analysis	8015D		1	466819	10/04/17 12:27	SOK	TAL EDI

Client Sample ID: GT-6

Date Collected: 09/26/17 09:00

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	467699	10/08/17 15:41	KLB	TAL EDI
Total/NA	Prep	3510C			466313	10/02/17 07:18	HAW	TAL EDI
Total/NA	Analysis	8015D		1	466819	10/04/17 12:37	SOK	TAL EDI

Lab Chronicle

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: GT-7

Date Collected: 09/26/17 08:05

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	467699	10/08/17 16:05	KLB	TAL EDI
Total/NA	Prep	3510C			466313	10/02/17 07:18	HAW	TAL EDI
Total/NA	Analysis	8015D		1	466819	10/04/17 12:48	SOK	TAL EDI

Client Sample ID: VE-1R

Date Collected: 09/26/17 12:55

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	467699	10/08/17 16:28	KLB	TAL EDI
Total/NA	Prep	3510C			466313	10/02/17 07:18	HAW	TAL EDI
Total/NA	Analysis	8015D		1	466819	10/04/17 12:58	SOK	TAL EDI

Client Sample ID: VE-5

Date Collected: 09/26/17 07:15

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	467699	10/08/17 16:51	KLB	TAL EDI
Total/NA	Prep	3510C			466313	10/02/17 07:18	HAW	TAL EDI
Total/NA	Analysis	8015D		1	466819	10/04/17 14:26	SOK	TAL EDI

Client Sample ID: VP-A

Date Collected: 09/26/17 10:05

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	467699	10/08/17 17:14	KLB	TAL EDI
Total/NA	Prep	3510C			466313	10/02/17 07:18	HAW	TAL EDI
Total/NA	Analysis	8015D		1	466819	10/04/17 14:36	SOK	TAL EDI

Client Sample ID: VP-B

Date Collected: 09/26/17 11:00

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	467699	10/08/17 17:37	KLB	TAL EDI
Total/NA	Prep	3510C			466313	10/02/17 07:18	HAW	TAL EDI
Total/NA	Analysis	8015D		1	466819	10/04/17 14:46	SOK	TAL EDI

Lab Chronicle

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Client Sample ID: GW-DUP

Date Collected: 09/26/17 12:00

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	467699	10/08/17 18:00	KLB	TAL EDI
Total/NA	Prep	3510C			466313	10/02/17 07:18	HAW	TAL EDI
Total/NA	Analysis	8015D		1	466819	10/04/17 14:56	SOK	TAL EDI

Client Sample ID: TRIP BLANK-1

Date Collected: 09/26/17 14:45

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	467699	10/08/17 12:59	KLB	TAL EDI

Client Sample ID: Rinse Blank-1

Date Collected: 09/26/17 14:44

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	467699	10/08/17 13:22	KLB	TAL EDI
Total/NA	Prep	3510C			466313	10/02/17 07:18	HAW	TAL EDI
Total/NA	Analysis	8015D		1	466819	10/04/17 15:06	SOK	TAL EDI

Client Sample ID: Rinse Blank-2

Date Collected: 09/26/17 14:45

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	467699	10/08/17 13:45	KLB	TAL EDI
Total/NA	Prep	3510C			466313	10/02/17 07:18	HAW	TAL EDI
Total/NA	Analysis	8015D		1	466819	10/04/17 15:16	SOK	TAL EDI

Client Sample ID: DW-1

Date Collected: 09/26/17 13:20

Date Received: 09/26/17 19:00

Lab Sample ID: 460-141953-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	467699	10/08/17 18:24	KLB	TAL EDI
Total/NA	Prep	3510C			466313	10/02/17 07:18	HAW	TAL EDI
Total/NA	Analysis	8015D		1	466819	10/04/17 15:27	SOK	TAL EDI

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Safety-Kleen Systems, Inc
Project/Site: 2017 Safety-Kleen Amityville

TestAmerica Job ID: 460-141953-1

Laboratory: TestAmerica Edison

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Connecticut	State Program	1	PH-0200	09-30-18
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	N/A	12-31-17
New Jersey	NELAP	2	12028	06-30-18
New York	NELAP	2	11452	04-01-18
Pennsylvania	NELAP	3	68-00522	02-28-18
Rhode Island	State Program	1	LAO00132	12-30-17
USDA	Federal		NJCA-003-08	06-13-20

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-141953-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
GT-1	460-141953-1	104	106	100	94
GT-2	460-141953-2	103	106	101	94
GT-3	460-141953-3	104	106	99	95
GT-5	460-141953-4	99	106	100	94
GT-6	460-141953-5	102	103	101	93
GT-7	460-141953-6	102	106	100	93
VE-1R	460-141953-7	103	107	101	95
VE-5	460-141953-8	102	105	101	94
VP-A	460-141953-9	99	108	98	92
VP-B	460-141953-10	103	108	100	92
GW-DUP	460-141953-11	103	107	101	94
TRIP BLANK-1	460-141953-12	102	106	101	92
Rinse Blank-1	460-141953-13	102	104	100	95
Rinse Blank-2	460-141953-14	99	107	99	93
DW-1	460-141953-15	100	108	99	92
	MB 460-467699/8	99	105	101	94
	LCS 460-467699/4	101	104	103	95
	LCSD 460-467699/5	99	103	100	96

	<u>QC LIMITS</u>
DBFM = Dibromofluoromethane (Surr)	72-131
DCA = 1,2-Dichloroethane-d4 (Surr)	74-132
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	77-124

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-141953-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: F54705.D
 Lab ID: LCS 460-467699/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	100	97.3	97	39-150	
Acetonitrile	200	212	106	37-150	
Benzene	20.0	22.0	110	77-121	
Benzyl chloride	20.0	22.5	113	48-133	
Bromodichloromethane	20.0	19.4 J	97	76-120	
Bromoform	20.0	18.4	92	53-120	
Bromomethane	20.0	16.9	84	10-150	
4-Methyl-2-pentanone (MIBK)	100	113	113	78-124	
Carbon disulfide	20.0	18.6 J	93	69-133	
Carbon tetrachloride	20.0	19.8	99	70-132	
Chlorobenzene	20.0	20.3	101	80-120	
Chloroethane	20.0	21.4	107	52-150	
2-Chloroethyl vinyl ether	20.0	21.8	109	43-146	
Chloroform	20.0	21.0	105	80-120	
Chloromethane	20.0	20.9	104	56-131	
cis-1,3-Dichloropropene	20.0	20.8	104	77-120	
Dibromochloromethane	20.0	18.6 J	93	73-120	
Dibromomethane	20.0	20.5	102	79-120	
1,2-Dibromo-3-Chloropropane	20.0	21.7	108	55-134	
1,2-Dichlorobenzene	20.0	21.1	106	80-120	
1,3-Dichlorobenzene	20.0	21.2	106	80-120	
1,4-Dichlorobenzene	20.0	20.7	103	80-120	
Dichlorodifluoromethane	20.0	16.4	82	50-131	
1,1-Dichloroethane	20.0	21.5	108	77-123	
1,2-Dichloroethane	20.0	20.7	103	76-121	
1,1-Dichloroethene	20.0	18.2	91	74-123	
1,2-Dichloroethene, Total	40.0	40.7	102	80-120	
1,2-Dichloropropane	20.0	22.1	111	77-123	
Ethylbenzene	20.0	20.0	100	80-120	
2-Butanone (MEK)	100	90.3	90	64-120	
Methylene Chloride	20.0	19.6	98	77-123	
Methyl methacrylate	40.0	38.3 J	96	71-124	
m&p-Xylene	20.0	20.7	104	80-120	
o-Xylene	20.0	20.5	102	80-120	
Styrene	20.0	20.9	105	80-120	
1,1,1,2-Tetrachloroethane	20.0	19.6	98	77-120	
1,1,2,2-Tetrachloroethane	20.0	23.2	116	74-120	
Tetrachloroethene	20.0	18.4	92	78-122	
trans-1,2-Dichloroethene	20.0	20.9	104	79-120	
trans-1,3-Dichloropropene	20.0	21.6	108	76-120	
1,1,1-Trichloroethane	20.0	18.9	95	75-125	
1,1,2-Trichloroethane	20.0	21.0	105	78-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-141953-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: F54705.D
 Lab ID: LCS 460-467699/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Trichloroethene	20.0	19.6	98	77-120	
1,2,3-Trichloropropane	20.0	19.9	100	76-120	
Toluene	20.0	20.9	104	80-120	
Vinyl acetate	40.0	38.4	96	10-150	
Vinyl chloride	20.0	19.3	96	62-138	
Xylenes, Total	40.0	41.2	103	80-120	
2-Hexanone	100	111	111	71-125	
cis-1,2-Dichloroethene	20.0	19.8	99	80-120	
1,2-Dibromoethane	20.0	20.4	102	80-120	
Ethyl methacrylate	20.0	21.1	105	70-121	
Iodomethane	20.0	17.9	89	10-147	
trans-1,4-Dichloro-2-butene	20.0	21.6	108	61-122	
Methacrylonitrile	200	209	105	77-130	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-141953-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: F54706.D
 Lab ID: LCSD 460-467699/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Acetone	100	95.0	95	2	30	39-150	
Acetonitrile	200	196	98	8	30	37-150	
Benzene	20.0	21.7	108	1	30	77-121	
Benzyl chloride	20.0	23.0	115	2	30	48-133	
Bromodichloromethane	20.0	20.2 J	101	4	30	76-120	
Bromoform	20.0	19.6	98	6	30	53-120	
Bromomethane	20.0	19.7	99	15	30	10-150	
4-Methyl-2-pentanone (MIBK)	100	119	119	6	30	78-124	
Carbon disulfide	20.0	20.1 J	100	8	30	69-133	
Carbon tetrachloride	20.0	20.2	101	2	30	70-132	
Chlorobenzene	20.0	21.0	105	3	30	80-120	
Chloroethane	20.0	23.3	117	9	30	52-150	
2-Chloroethyl vinyl ether	20.0	22.7	113	4	30	43-146	
Chloroform	20.0	21.6	108	3	30	80-120	
Chloromethane	20.0	22.3	111	7	30	56-131	
cis-1,3-Dichloropropene	20.0	21.3	107	3	30	77-120	
Dibromochloromethane	20.0	19.7 J	98	5	30	73-120	
Dibromomethane	20.0	21.6	108	5	30	79-120	
1,2-Dibromo-3-Chloropropane	20.0	23.5	118	8	30	55-134	
1,2-Dichlorobenzene	20.0	21.1	105	0	30	80-120	
1,3-Dichlorobenzene	20.0	21.8	109	3	30	80-120	
1,4-Dichlorobenzene	20.0	21.2	106	3	30	80-120	
Dichlorodifluoromethane	20.0	17.1	85	4	30	50-131	
1,1-Dichloroethane	20.0	23.1	116	7	30	77-123	
1,2-Dichloroethane	20.0	20.9	104	1	30	76-121	
1,1-Dichloroethene	20.0	19.7	98	8	30	74-123	
1,2-Dichloroethene, Total	40.0	41.8	105	3	30	80-120	
1,2-Dichloropropane	20.0	22.9	115	4	30	77-123	
Ethylbenzene	20.0	21.2	106	6	30	80-120	
2-Butanone (MEK)	100	93.7	94	4	30	64-120	
Methylene Chloride	20.0	21.1	105	7	30	77-123	
Methyl methacrylate	40.0	41.0 J	103	7	30	71-124	
m&p-Xylene	20.0	21.6	108	4	30	80-120	
o-Xylene	20.0	21.4	107	5	30	80-120	
Styrene	20.0	21.8	109	4	30	80-120	
1,1,1,2-Tetrachloroethane	20.0	20.1	101	2	30	77-120	
1,1,2,2-Tetrachloroethane	20.0	23.3	116	0	30	74-120	
Tetrachloroethene	20.0	18.7	93	2	30	78-122	
trans-1,2-Dichloroethene	20.0	21.5	108	3	30	79-120	
trans-1,3-Dichloropropene	20.0	21.5	108	0	30	76-120	
1,1,1-Trichloroethane	20.0	19.9	100	5	30	75-125	
1,1,2-Trichloroethane	20.0	21.6	108	3	30	78-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-141953-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: F54706.D
 Lab ID: LCSD 460-467699/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Trichloroethene	20.0	20.3	102	4	30	77-120	
1,2,3-Trichloropropane	20.0	21.3	107	7	30	76-120	
Toluene	20.0	21.2	106	2	30	80-120	
Vinyl acetate	40.0	39.5	99	3	30	10-150	
Vinyl chloride	20.0	19.9	100	3	30	62-138	
Xylenes, Total	40.0	43.1	108	4	30	80-120	
2-Hexanone	100	118	118	7	30	71-125	
cis-1,2-Dichloroethene	20.0	20.3	102	3	30	80-120	
1,2-Dibromoethane	20.0	21.2	106	4	30	80-120	
Ethyl methacrylate	20.0	21.8	109	4	30	70-121	
Iodomethane	20.0	19.1	95	6	30	10-147	
trans-1,4-Dichloro-2-butene	20.0	23.4	117	8	30	61-122	
Methacrylonitrile	200	215	108	3	30	77-130	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-141953-1
 SDG No.: _____
 Lab File ID: F54709.D Lab Sample ID: MB 460-467699/8
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: CVOAMS6 Date Analyzed: 10/08/2017 12:35
 GC Column: Rtx-624 ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-467699/4	F54705.D	10/08/2017 11:02
	LCSD 460-467699/5	F54706.D	10/08/2017 11:25
TRIP BLANK-1	460-141953-12	F54710.D	10/08/2017 12:59
Rinse Blank-1	460-141953-13	F54711.D	10/08/2017 13:22
Rinse Blank-2	460-141953-14	F54712.D	10/08/2017 13:45
GT-1	460-141953-1	F54713.D	10/08/2017 14:08
GT-2	460-141953-2	F54714.D	10/08/2017 14:32
GT-3	460-141953-3	F54715.D	10/08/2017 14:55
GT-5	460-141953-4	F54716.D	10/08/2017 15:18
GT-6	460-141953-5	F54717.D	10/08/2017 15:41
GT-7	460-141953-6	F54718.D	10/08/2017 16:05
VE-1R	460-141953-7	F54719.D	10/08/2017 16:28
VE-5	460-141953-8	F54720.D	10/08/2017 16:51
VP-A	460-141953-9	F54721.D	10/08/2017 17:14
VP-B	460-141953-10	F54722.D	10/08/2017 17:37
GW-DUP	460-141953-11	F54723.D	10/08/2017 18:00
DW-1	460-141953-15	F54724.D	10/08/2017 18:24

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-141953-1
 SDG No.: _____
 Lab File ID: F54398.D BFB Injection Date: 10/03/2017
 Instrument ID: CVOAMS6 BFB Injection Time: 00:52
 Analysis Batch No.: 466502

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	15.5
75	30.0 - 60.0 % of mass 95	46.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.7
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	82.3
175	5.0 - 9.0 % of mass 174	5.9 (7.2) 1
176	95.0 - 101.0 % of mass 174	80.0 (97.1) 1
177	5.0 - 9.0 % of mass 176	5.5 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD20 460-466502/4	F54401.D	10/03/2017	02:03
	STD7 460-466502/7	F54404.D	10/03/2017	03:13
	STD5 460-466502/8	F54405.D	10/03/2017	03:37
	STD50 460-466502/10	F54407.D	10/03/2017	04:23
	STD200 460-466502/11	F54408.D	10/03/2017	04:47
	STD500 460-466502/12	F54409.D	10/03/2017	05:10
	STD1 460-466502/32	F54414.D	10/03/2017	09:23

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-141953-1
SDG No.: _____
Lab File ID: F54702.D BFB Injection Date: 10/08/2017
Instrument ID: CVOAMS6 BFB Injection Time: 09:51
Analysis Batch No.: 467699

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	16.8
75	30.0 - 60.0 % of mass 95	45.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.7
173	Less than 2.0 % of mass 174	0.7 (0.8) 1
174	50.0 - 120.00 % of mass 95	88.6
175	5.0 - 9.0 % of mass 174	4.7 (5.3) 1
176	95.0 - 101.0 % of mass 174	87.1 (98.3) 1
177	5.0 - 9.0 % of mass 176	4.5 (5.2) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-467699/3	F54704.D	10/08/2017	10:39
	LCS 460-467699/4	F54705.D	10/08/2017	11:02
	LCSD 460-467699/5	F54706.D	10/08/2017	11:25
	MB 460-467699/8	F54709.D	10/08/2017	12:35
TRIP BLANK-1	460-141953-12	F54710.D	10/08/2017	12:59
Rinse Blank-1	460-141953-13	F54711.D	10/08/2017	13:22
Rinse Blank-2	460-141953-14	F54712.D	10/08/2017	13:45
GT-1	460-141953-1	F54713.D	10/08/2017	14:08
GT-2	460-141953-2	F54714.D	10/08/2017	14:32
GT-3	460-141953-3	F54715.D	10/08/2017	14:55
GT-5	460-141953-4	F54716.D	10/08/2017	15:18
GT-6	460-141953-5	F54717.D	10/08/2017	15:41
GT-7	460-141953-6	F54718.D	10/08/2017	16:05
VE-1R	460-141953-7	F54719.D	10/08/2017	16:28
VE-5	460-141953-8	F54720.D	10/08/2017	16:51
VP-A	460-141953-9	F54721.D	10/08/2017	17:14
VP-B	460-141953-10	F54722.D	10/08/2017	17:37
GW-DUP	460-141953-11	F54723.D	10/08/2017	18:00
DW-1	460-141953-15	F54724.D	10/08/2017	18:24

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-141953-1
 SDG No.: _____
 Sample No.: CCVIS 460-467699/3 Date Analyzed: 10/08/2017 10:39
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): F54704.D Heated Purge: (Y/N) N
 Calibration ID: 64284

		TBA _d 9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		183083	3.25	246387	4.29	529238	5.40
UPPER LIMIT		366166	3.75	492774	4.79	1058476	5.90
LOWER LIMIT		91542	2.75	123194	3.79	264619	4.90
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-467699/4		181294	3.24	240670	4.29	505728	5.39
LCSD 460-467699/5		165261	3.25	236629	4.29	498678	5.39
MB 460-467699/8		199979	3.23	268314	4.29	512782	5.39
460-141953-12	TRIP BLANK-1	192040	3.24	256453	4.29	537638	5.40
460-141953-13	Rinse Blank-1	183712	3.24	246208	4.29	519151	5.40
460-141953-14	Rinse Blank-2	207497	3.23	271253	4.29	532260	5.39
460-141953-1	GT-1	194734	3.24	258172	4.29	516911	5.39
460-141953-2	GT-2	201104	3.23	267021	4.29	515433	5.39
460-141953-3	GT-3	204161	3.24	259819	4.29	502411	5.39
460-141953-4	GT-5	187924	3.24	266798	4.29	523748	5.40
460-141953-5	GT-6	197895	3.24	267898	4.29	515942	5.39
460-141953-6	GT-7	203392	3.24	257252	4.29	514526	5.39
460-141953-7	VE-1R	207020	3.23	264462	4.29	493490	5.39
460-141953-8	VE-5	187601	3.24	243088	4.29	498962	5.39
460-141953-9	VP-A	195077	3.23	272172	4.29	502991	5.39
460-141953-10	VP-B	195699	3.25	263171	4.29	500460	5.39
460-141953-11	GW-DUP	176063	3.25	254921	4.29	478022	5.39
460-141953-15	DW-1	210045	3.23	266478	4.29	498836	5.39

TBA_d9 = TBA-d₉ (IS)
 BUT = 2-Butanone-d₅
 FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-141953-1
 SDG No.: _____
 Sample No.: CCVIS 460-467699/3 Date Analyzed: 10/08/2017 10:39
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): F54704.D Heated Purge: (Y/N) N
 Calibration ID: 64284

	DXE		CBNZd5		DCBd4	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	17959	6.09	361458	8.85	217697	10.95
UPPER LIMIT	35918	6.59	722916	9.35	435394	11.45
LOWER LIMIT	8980	5.59	180729	8.35	108849	10.45
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCS 460-467699/4		20452	6.09	332125	8.84	207949
LCSD 460-467699/5		15718	6.09	338496	8.85	212227
MB 460-467699/8		21894	6.09	353357	8.85	211309
460-141953-12	TRIP BLANK-1	18945	6.09	357844	8.85	220107
460-141953-13	Rinse Blank-1	15119	6.09	355353	8.85	218149
460-141953-14	Rinse Blank-2	23386	6.09	376048	8.85	220435
460-141953-1	GT-1	17312	6.09	350743	8.85	211889
460-141953-2	GT-2	22394	6.09	354447	8.85	212856
460-141953-3	GT-3	18470	6.09	342310	8.85	208892
460-141953-4	GT-5	16724	6.09	361278	8.85	218039
460-141953-5	GT-6	17113	6.09	347640	8.84	209800
460-141953-6	GT-7	19832	6.09	344719	8.85	212615
460-141953-7	VE-1R	18723	6.09	328425	8.84	205603
460-141953-8	VE-5	16135	6.08	336880	8.85	204660
460-141953-9	VP-A	22086	6.08	351260	8.84	207415
460-141953-10	VP-B	17300	6.08	337635	8.84	203756
460-141953-11	GW-DUP	14033	6.08	324961	8.84	204255
460-141953-15	DW-1	19955	6.09	346332	8.84	206341

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-141953-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-1</u>	Lab Sample ID: <u>460-141953-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>F54713.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/26/2017 12:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2017 14:08</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>467699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	1.1
75-05-8	Acetonitrile	10	U	10	1.3
71-43-2	Benzene	1.0	U	1.0	0.090
100-44-7	Benzyl chloride	10	U	10	0.15
75-27-4	Bromodichloromethane	50	U	50	0.15
75-25-2	Bromoform	5.0	U	5.0	0.18
74-83-9	Bromomethane	5.0	U	5.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
75-15-0	Carbon disulfide	60	U	60	0.22
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.33
108-90-7	Chlorobenzene	5.0	U	5.0	0.24
75-00-3	Chloroethane	5.0	U	5.0	0.37
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.17
67-66-3	Chloroform	7.0	U	7.0	0.22
74-87-3	Chloromethane	5.0	U	5.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
124-48-1	Dibromochloromethane	50	U	50	0.22
74-95-3	Dibromomethane	5.0	U	5.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.22
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.33
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.14
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.24
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.34
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.18
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	2.2
75-09-2	Methylene Chloride	5.0	U	5.0	0.21
80-62-6	Methyl methacrylate	50	U	50	0.21
179601-23-1	m&p-Xylene	10	U	10	0.28
95-47-6	o-Xylene	5.0	U	5.0	0.32
100-42-5	Styrene	5.0	U	5.0	0.17
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-141953-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-1</u>	Lab Sample ID: <u>460-141953-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>F54713.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/26/2017 12:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2017 14:08</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>467699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19
127-18-4	Tetrachloroethene	5.0	U	5.0	0.12
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
79-01-6	Trichloroethene	5.0	U	5.0	0.22
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.36
108-88-3	Toluene	5.0	U	5.0	0.25
108-05-4	Vinyl acetate	5.0	U	5.0	0.48
75-01-4	Vinyl chloride	2.0	U	2.0	0.060
1330-20-7	Xylenes, Total	15	U	15	0.28
591-78-6	2-Hexanone	50	U	50	0.72
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.26
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.19
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.12
74-88-4	Iodomethane	5.0	U	5.0	0.19
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18
126-98-7	Methacrylonitrile	10	U	10	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		74-132
460-00-4	4-Bromofluorobenzene	94		77-124
2037-26-5	Toluene-d8 (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	104		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54713.D
 Lims ID: 460-141953-B-1
 Client ID: GT-1
 Sample Type: Client
 Inject. Date: 08-Oct-2017 14:08:30 ALS Bottle#: 11 Worklist Smp#: 12
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: 460-141953-B-1
 Misc. Info.: 460-0061487-012
 Operator ID: Instrument ID: CVOAMS6
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Oct-2017 19:23:28 Calib Date: 03-Oct-2017 09:23:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 08-Oct-2017 19:23:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.242	3.250	-0.008	94	194734	1000.0	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	80	258172	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.771	4.770	0.001	97	131876	51.8	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.124	5.124	0.000	96	143641	52.9	
* 61 Fluorobenzene	96	5.387	5.395	-0.008	99	516911	50.0	
* 67 1,4-Dioxane-d8	96	6.085	6.085	0.000	95	17312	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.055	0.000	99	458492	49.9	
* 89 Chlorobenzene-d5	117	8.846	8.846	0.000	87	350743	50.0	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	89	154237	47.0	
* 116 1,4-Dichlorobenzene-d4	152	10.950	10.950	0.000	98	211889	50.0	

Reagents:

VOA6IS/SURR_00004

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS6\\20171008-61487.b\\F54713.D

Injection Date: 08-Oct-2017 14:08:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-141953-B-1

Lab Sample ID: 460-141953-1

Worklist Smp#: 12

Client ID: GT-1

Injection Vol: 1.0 uL

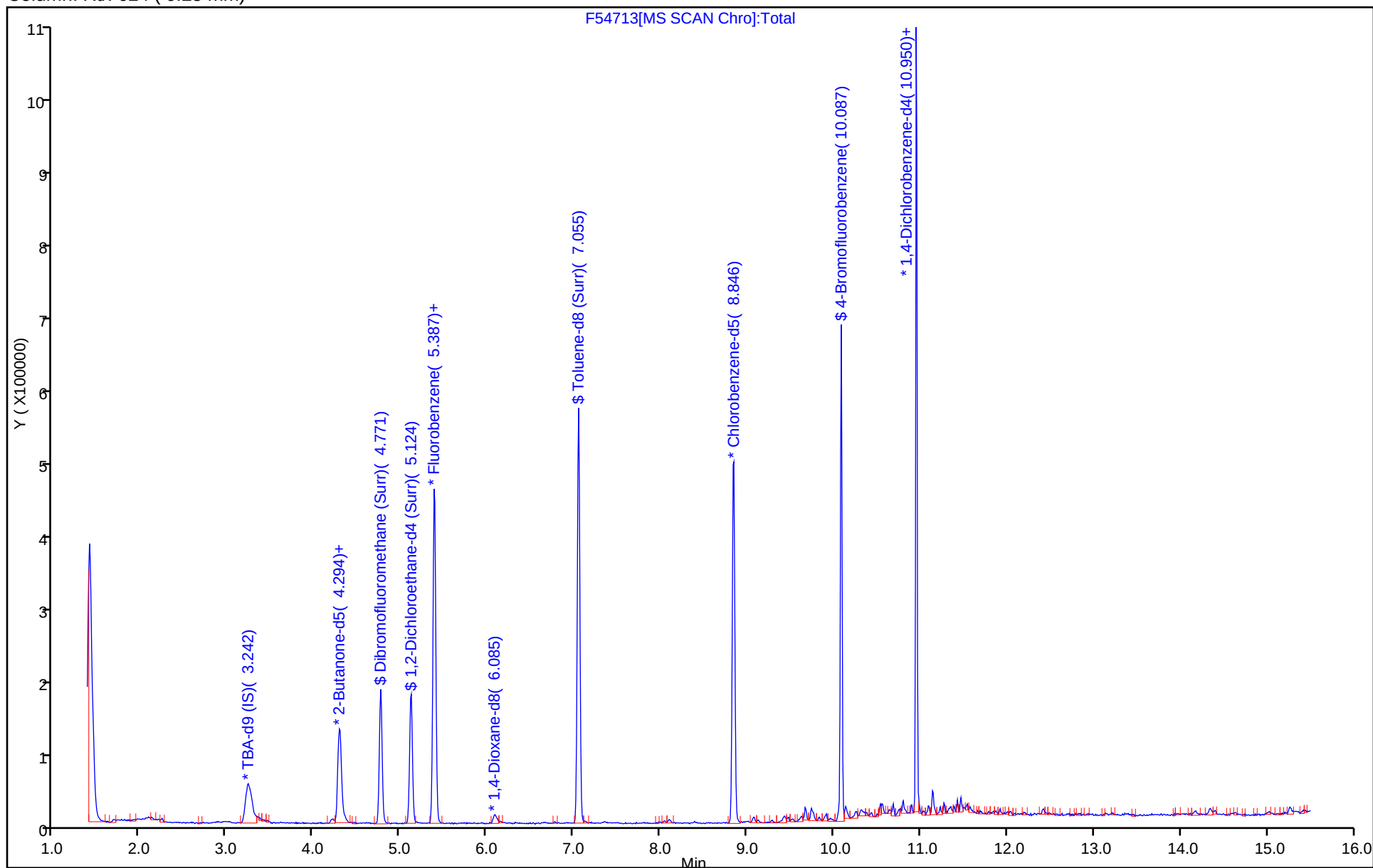
Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-141953-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-2</u>	Lab Sample ID: <u>460-141953-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>F54714.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/25/2017 16:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2017 14:32</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>467699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	1.1
75-05-8	Acetonitrile	10	U	10	1.3
71-43-2	Benzene	1.0	U	1.0	0.090
100-44-7	Benzyl chloride	10	U	10	0.15
75-27-4	Bromodichloromethane	50	U	50	0.15
75-25-2	Bromoform	5.0	U	5.0	0.18
74-83-9	Bromomethane	5.0	U	5.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
75-15-0	Carbon disulfide	60	U	60	0.22
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.33
108-90-7	Chlorobenzene	5.0	U	5.0	0.24
75-00-3	Chloroethane	5.0	U	5.0	0.37
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.17
67-66-3	Chloroform	7.0	U	7.0	0.22
74-87-3	Chloromethane	5.0	U	5.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
124-48-1	Dibromochloromethane	50	U	50	0.22
74-95-3	Dibromomethane	5.0	U	5.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.22
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.33
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.14
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.24
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.34
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.18
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	2.2
75-09-2	Methylene Chloride	5.0	U	5.0	0.21
80-62-6	Methyl methacrylate	50	U	50	0.21
179601-23-1	m&p-Xylene	10	U	10	0.28
95-47-6	o-Xylene	5.0	U	5.0	0.32
100-42-5	Styrene	5.0	U	5.0	0.17
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-141953-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-2</u>	Lab Sample ID: <u>460-141953-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>F54714.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/25/2017 16:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2017 14:32</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>467699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19
127-18-4	Tetrachloroethene	0.34	J	5.0	0.12
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
79-01-6	Trichloroethene	5.0	U	5.0	0.22
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.36
108-88-3	Toluene	5.0	U	5.0	0.25
108-05-4	Vinyl acetate	5.0	U	5.0	0.48
75-01-4	Vinyl chloride	2.0	U	2.0	0.060
1330-20-7	Xylenes, Total	15	U	15	0.28
591-78-6	2-Hexanone	50	U	50	0.72
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.26
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.19
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.12
74-88-4	Iodomethane	5.0	U	5.0	0.19
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18
126-98-7	Methacrylonitrile	10	U	10	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		74-132
460-00-4	4-Bromofluorobenzene	94		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	103		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54714.D
 Lims ID: 460-141953-B-2
 Client ID: GT-2
 Sample Type: Client
 Inject. Date: 08-Oct-2017 14:32:30 ALS Bottle#: 12 Worklist Smp#: 13
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: 460-141953-B-2
 Misc. Info.: 460-0061487-013
 Operator ID: Instrument ID: CVOAMS6
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Oct-2017 19:23:59 Calib Date: 03-Oct-2017 09:23:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 08-Oct-2017 19:23:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.234	3.250	-0.016	95	201104	1000.0	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	80	267021	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.770	0.000	96	130615	51.4	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.124	-0.008	95	143546	53.0	
* 61 Fluorobenzene	96	5.387	5.395	-0.008	98	515433	50.0	
* 67 1,4-Dioxane-d8	96	6.085	6.085	0.000	96	22394	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.055	0.000	99	467358	50.3	
83 Tetrachloroethene	166	7.737	7.745	-0.008	85	1133	0.3449	
* 89 Chlorobenzene-d5	117	8.846	8.846	0.000	87	354447	50.0	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	88	155556	46.9	
* 116 1,4-Dichlorobenzene-d4	152	10.950	10.950	0.000	97	212856	50.0	

Reagents:

VOA6IS/SURR_00004

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54714.D

Injection Date: 08-Oct-2017 14:32:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-141953-B-2

Lab Sample ID: 460-141953-2

Worklist Smp#: 13

Client ID: GT-2

Injection Vol: 1.0 uL

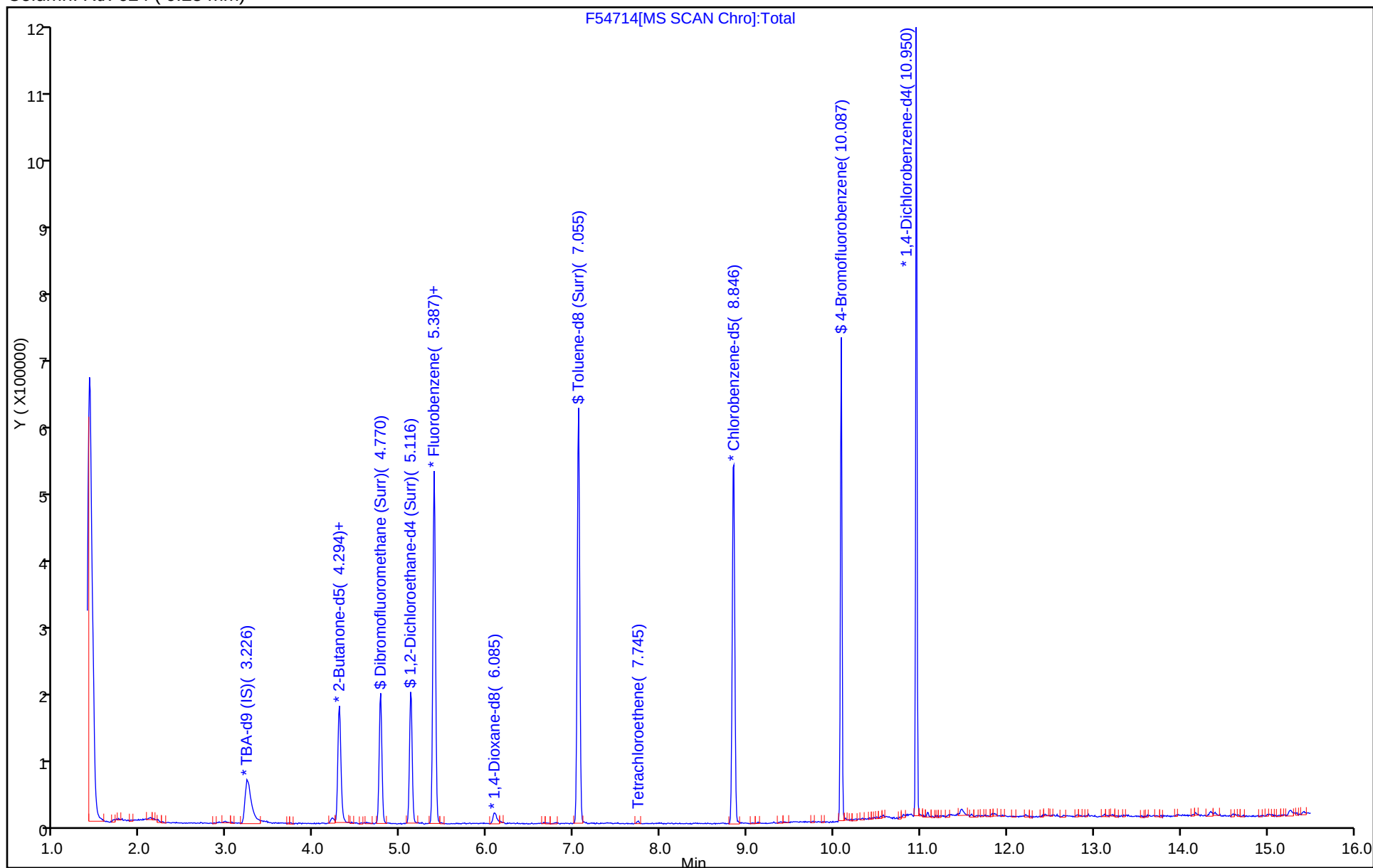
Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS6\\20171008-61487.b\\F54714.D

Injection Date: 08-Oct-2017 14:32:30

Instrument ID: CVOAMS6

Lims ID: 460-141953-B-2

Lab Sample ID: 460-141953-2

Client ID: GT-2

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Injection Vol: 1.0 uL

Dil. Factor:

1.0000

Method: 8260624W6

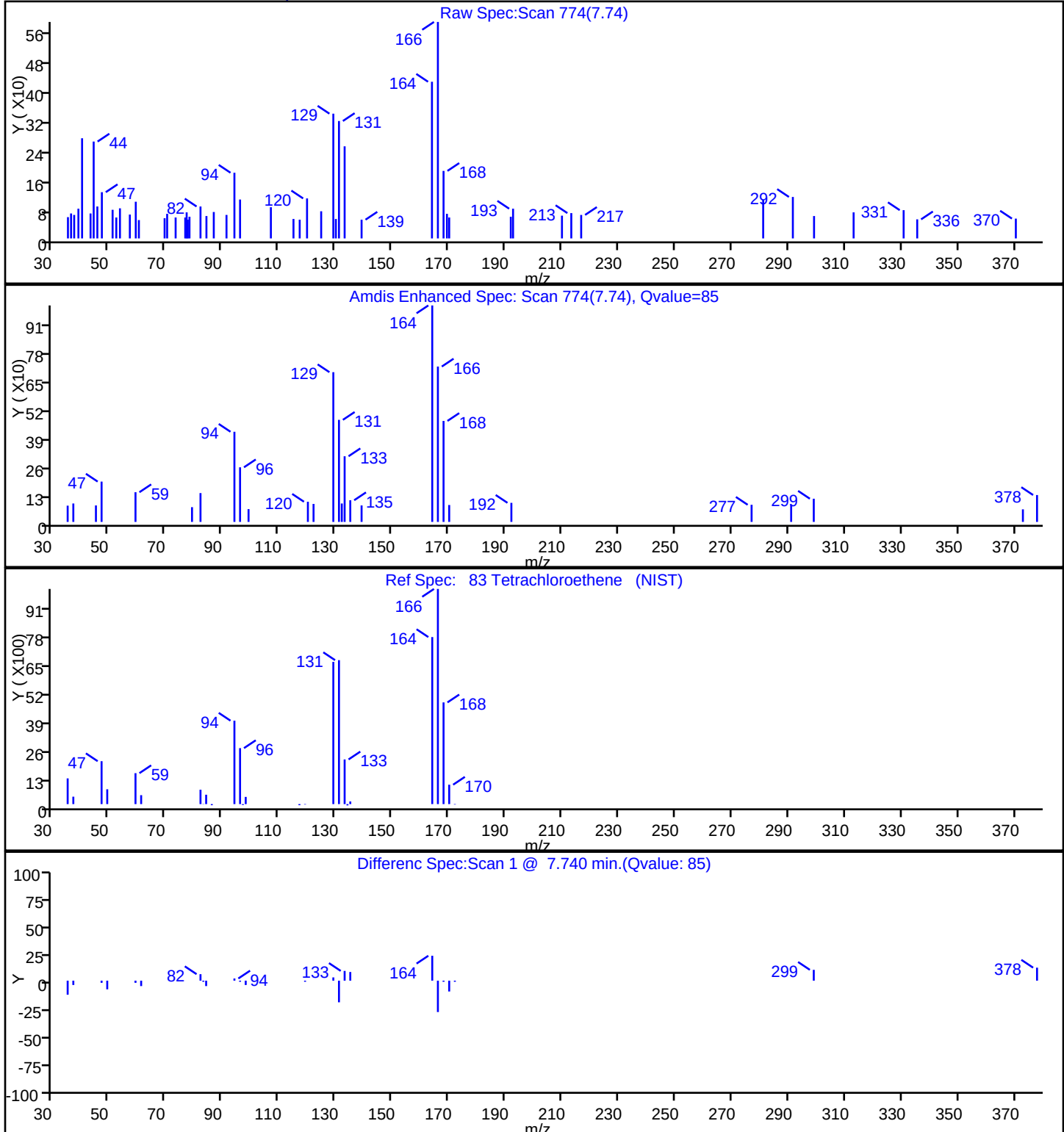
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

83 Tetrachloroethene, CAS: 127-18-4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-141953-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-3</u>	Lab Sample ID: <u>460-141953-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>F54715.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/25/2017 16:55</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2017 14:55</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>467699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	1.1
75-05-8	Acetonitrile	10	U	10	1.3
71-43-2	Benzene	1.0	U	1.0	0.090
100-44-7	Benzyl chloride	10	U	10	0.15
75-27-4	Bromodichloromethane	50	U	50	0.15
75-25-2	Bromoform	5.0	U	5.0	0.18
74-83-9	Bromomethane	5.0	U	5.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
75-15-0	Carbon disulfide	60	U	60	0.22
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.33
108-90-7	Chlorobenzene	5.0	U	5.0	0.24
75-00-3	Chloroethane	5.0	U	5.0	0.37
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.17
67-66-3	Chloroform	7.0	U	7.0	0.22
74-87-3	Chloromethane	5.0	U	5.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
124-48-1	Dibromochloromethane	50	U	50	0.22
74-95-3	Dibromomethane	5.0	U	5.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.22
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.33
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.14
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.24
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.34
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.18
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	2.2
75-09-2	Methylene Chloride	5.0	U	5.0	0.21
80-62-6	Methyl methacrylate	50	U	50	0.21
179601-23-1	m&p-Xylene	10	U	10	0.28
95-47-6	o-Xylene	5.0	U	5.0	0.32
100-42-5	Styrene	5.0	U	5.0	0.17
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-141953-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-3</u>	Lab Sample ID: <u>460-141953-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>F54715.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/25/2017 16:55</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2017 14:55</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>467699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19
127-18-4	Tetrachloroethene	5.0	U	5.0	0.12
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
79-01-6	Trichloroethene	5.0	U	5.0	0.22
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.36
108-88-3	Toluene	5.0	U	5.0	0.25
108-05-4	Vinyl acetate	5.0	U	5.0	0.48
75-01-4	Vinyl chloride	2.0	U	2.0	0.060
1330-20-7	Xylenes, Total	15	U	15	0.28
591-78-6	2-Hexanone	50	U	50	0.72
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.26
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.19
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.12
74-88-4	Iodomethane	5.0	U	5.0	0.19
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18
126-98-7	Methacrylonitrile	10	U	10	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		74-132
460-00-4	4-Bromofluorobenzene	95		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	104		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54715.D
 Lims ID: 460-141953-B-3
 Client ID: GT-3
 Sample Type: Client
 Inject. Date: 08-Oct-2017 14:55:30 ALS Bottle#: 13 Worklist Smp#: 14
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: 460-141953-B-3
 Misc. Info.: 460-0061487-014
 Operator ID: Instrument ID: CVOAMS6
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Oct-2017 19:26:02 Calib Date: 03-Oct-2017 09:23:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 08-Oct-2017 19:26:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.242	3.250	-0.008	96	204161	1000.0	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	80	259819	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.771	4.770	0.001	97	128092	51.8	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.124	5.124	0.000	95	140366	53.2	
* 61 Fluorobenzene	96	5.387	5.395	-0.008	98	502411	50.0	
* 67 1,4-Dioxane-d8	96	6.085	6.085	0.000	95	18470	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.055	0.000	99	443596	49.5	
* 89 Chlorobenzene-d5	117	8.846	8.846	0.000	87	342310	50.0	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	88	152180	47.5	
* 116 1,4-Dichlorobenzene-d4	152	10.950	10.950	0.000	97	208892	50.0	

Reagents:

VOA6IS/SURR_00004

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54715.D

Injection Date: 08-Oct-2017 14:55:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-141953-B-3

Lab Sample ID: 460-141953-3

Worklist Smp#: 14

Client ID: GT-3

Injection Vol: 1.0 uL

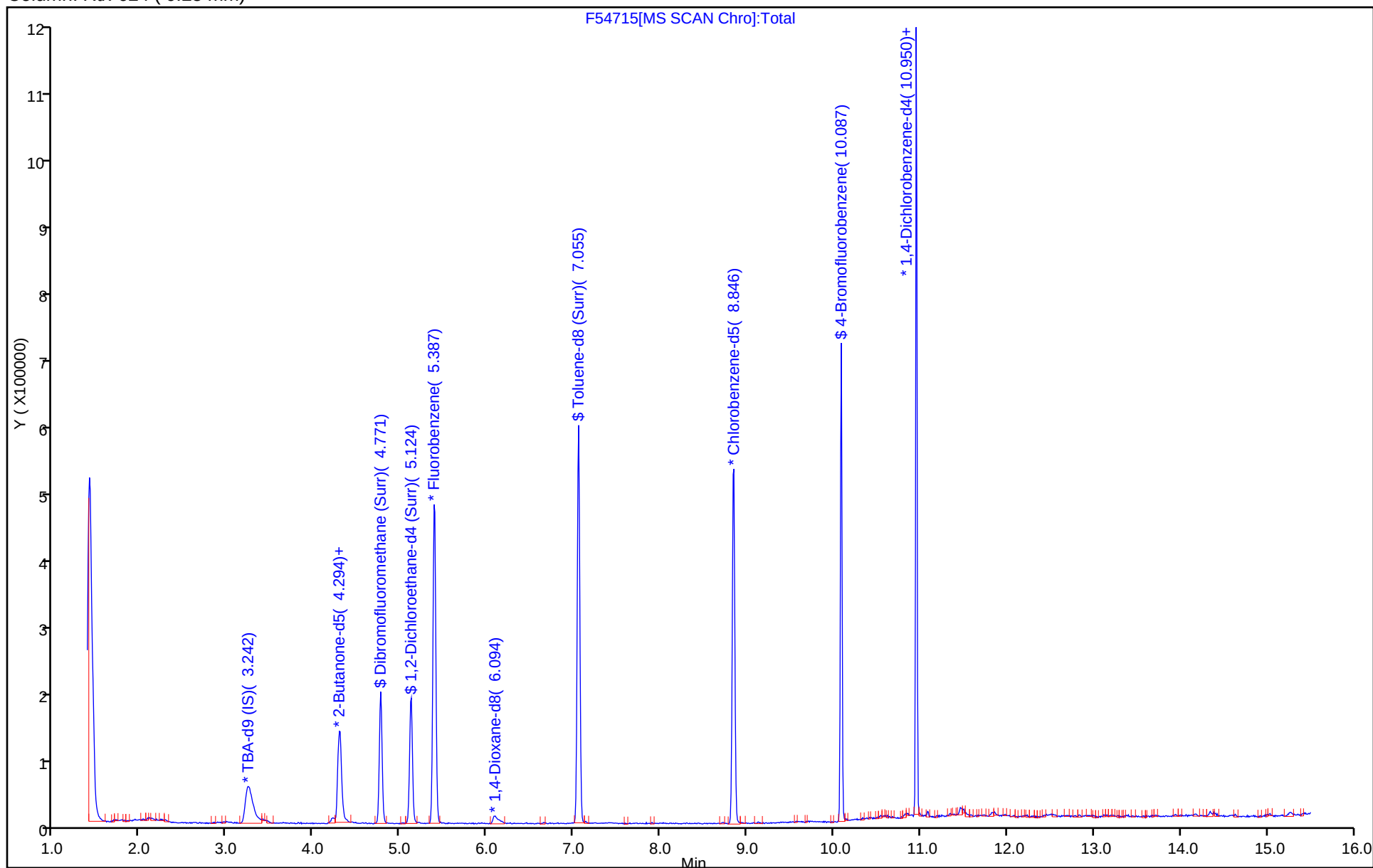
Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-141953-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-5</u>	Lab Sample ID: <u>460-141953-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>F54716.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/25/2017 17:45</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2017 15:18</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>467699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	1.1
75-05-8	Acetonitrile	10	U	10	1.3
71-43-2	Benzene	1.0	U	1.0	0.090
100-44-7	Benzyl chloride	10	U	10	0.15
75-27-4	Bromodichloromethane	50	U	50	0.15
75-25-2	Bromoform	5.0	U	5.0	0.18
74-83-9	Bromomethane	5.0	U	5.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
75-15-0	Carbon disulfide	60	U	60	0.22
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.33
108-90-7	Chlorobenzene	5.0	U	5.0	0.24
75-00-3	Chloroethane	5.0	U	5.0	0.37
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.17
67-66-3	Chloroform	7.0	U	7.0	0.22
74-87-3	Chloromethane	5.0	U	5.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
124-48-1	Dibromochloromethane	50	U	50	0.22
74-95-3	Dibromomethane	5.0	U	5.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.22
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.33
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.14
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.24
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.34
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.18
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	2.2
75-09-2	Methylene Chloride	5.0	U	5.0	0.21
80-62-6	Methyl methacrylate	50	U	50	0.21
179601-23-1	m&p-Xylene	10	U	10	0.28
95-47-6	o-Xylene	5.0	U	5.0	0.32
100-42-5	Styrene	5.0	U	5.0	0.17
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1

SDG No.: _____

Client Sample ID: GT-5 Lab Sample ID: 460-141953-4

Matrix: Water Lab File ID: F54716.D

Analysis Method: 8260C Date Collected: 09/25/2017 17:45

Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2017 15:18

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 467699 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19
127-18-4	Tetrachloroethene	5.0	U	5.0	0.12
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
79-01-6	Trichloroethene	5.0	U	5.0	0.22
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.36
108-88-3	Toluene	5.0	U	5.0	0.25
108-05-4	Vinyl acetate	5.0	U	5.0	0.48
75-01-4	Vinyl chloride	2.0	U	2.0	0.060
1330-20-7	Xylenes, Total	15	U	15	0.28
591-78-6	2-Hexanone	50	U	50	0.72
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.26
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.19
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.12
74-88-4	Iodomethane	5.0	U	5.0	0.19
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18
126-98-7	Methacrylonitrile	10	U	10	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		74-132
460-00-4	4-Bromofluorobenzene	94		77-124
2037-26-5	Toluene-d8 (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	99		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54716.D
 Lims ID: 460-141953-B-4
 Client ID: GT-5
 Sample Type: Client
 Inject. Date: 08-Oct-2017 15:18:30 ALS Bottle#: 14 Worklist Smp#: 15
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: 460-141953-B-4
 Misc. Info.: 460-0061487-015
 Operator ID: Instrument ID: CVOAMS6
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Oct-2017 19:26:17 Calib Date: 03-Oct-2017 09:23:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 08-Oct-2017 19:26:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.242	3.250	-0.008	95	187924	1000.0	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	80	266798	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.770	0.000	96	128173	49.7	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.124	5.124	0.000	96	145706	53.0	
* 61 Fluorobenzene	96	5.395	5.395	0.000	99	523748	50.0	
* 67 1,4-Dioxane-d8	96	6.085	6.085	0.000	92	16724	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.055	0.000	99	471841	49.9	
* 89 Chlorobenzene-d5	117	8.846	8.846	0.000	87	361278	50.0	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	88	158671	46.9	
* 116 1,4-Dichlorobenzene-d4	152	10.958	10.950	0.008	96	218039	50.0	

Reagents:

VOA6IS/SURR_00004

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54716.D

Injection Date: 08-Oct-2017 15:18:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-141953-B-4

Lab Sample ID: 460-141953-4

Worklist Smp#: 15

Client ID: GT-5

Injection Vol: 1.0 uL

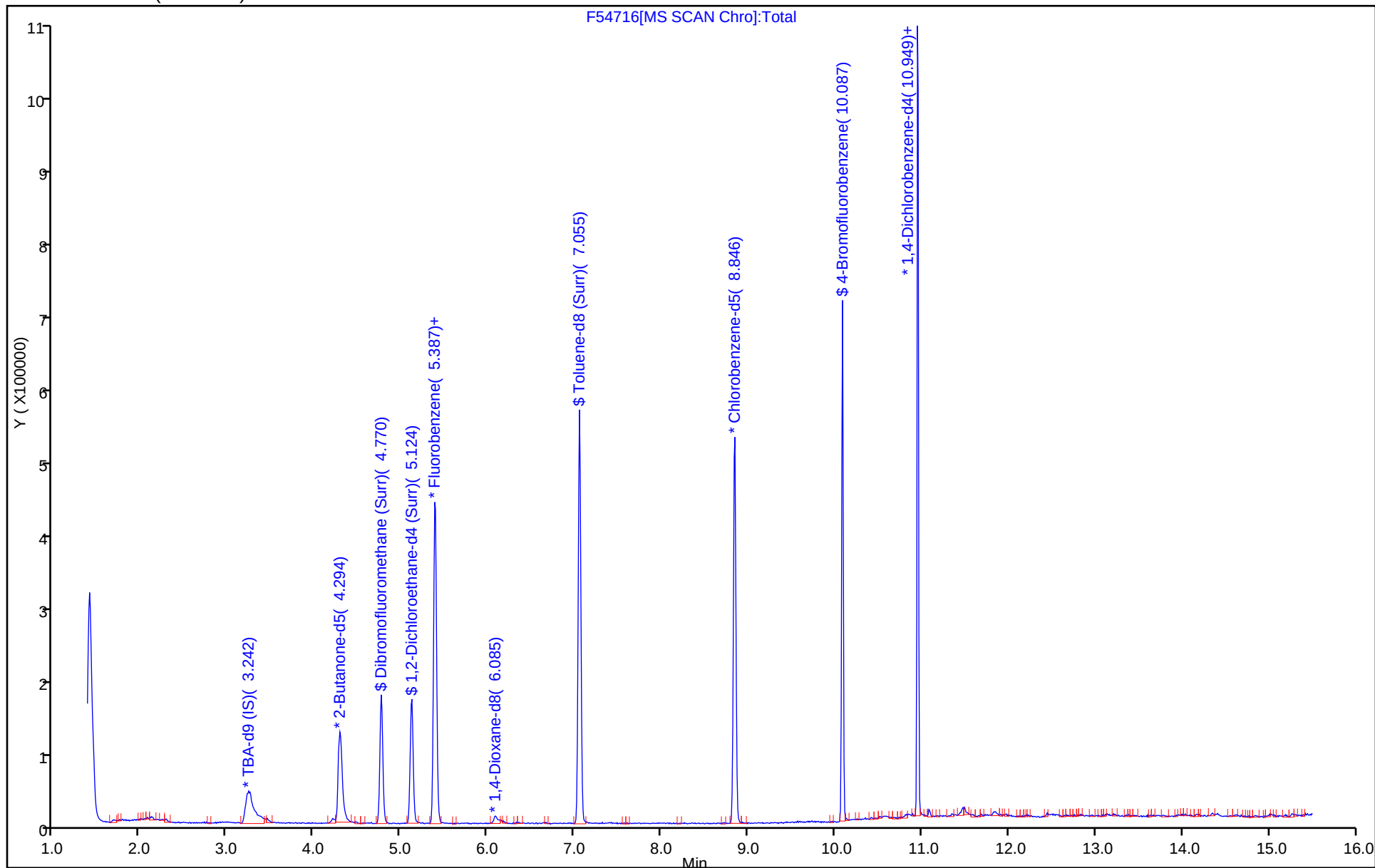
Dil. Factor: 1.0000

ALS Bottle#: 14

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-141953-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-6</u>	Lab Sample ID: <u>460-141953-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>F54717.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/26/2017 09:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2017 15:41</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>467699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	1.1
75-05-8	Acetonitrile	10	U	10	1.3
71-43-2	Benzene	1.0	U	1.0	0.090
100-44-7	Benzyl chloride	10	U	10	0.15
75-27-4	Bromodichloromethane	50	U	50	0.15
75-25-2	Bromoform	5.0	U	5.0	0.18
74-83-9	Bromomethane	5.0	U	5.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
75-15-0	Carbon disulfide	60	U	60	0.22
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.33
108-90-7	Chlorobenzene	5.0	U	5.0	0.24
75-00-3	Chloroethane	5.0	U	5.0	0.37
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.17
67-66-3	Chloroform	7.0	U	7.0	0.22
74-87-3	Chloromethane	5.0	U	5.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
124-48-1	Dibromochloromethane	50	U	50	0.22
74-95-3	Dibromomethane	5.0	U	5.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.22
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.33
106-46-7	1,4-Dichlorobenzene	0.34	J	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.14
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.24
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.34
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.18
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	2.2
75-09-2	Methylene Chloride	5.0	U	5.0	0.21
80-62-6	Methyl methacrylate	50	U	50	0.21
179601-23-1	m&p-Xylene	10	U	10	0.28
95-47-6	o-Xylene	5.0	U	5.0	0.32
100-42-5	Styrene	5.0	U	5.0	0.17
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-141953-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-6</u>	Lab Sample ID: <u>460-141953-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>F54717.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/26/2017 09:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2017 15:41</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>467699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19
127-18-4	Tetrachloroethene	5.0	U	5.0	0.12
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
79-01-6	Trichloroethene	5.0	U	5.0	0.22
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.36
108-88-3	Toluene	5.0	U	5.0	0.25
108-05-4	Vinyl acetate	5.0	U	5.0	0.48
75-01-4	Vinyl chloride	2.0	U	2.0	0.060
1330-20-7	Xylenes, Total	15	U	15	0.28
591-78-6	2-Hexanone	50	U	50	0.72
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.26
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.19
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.12
74-88-4	Iodomethane	5.0	U	5.0	0.19
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18
126-98-7	Methacrylonitrile	10	U	10	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		74-132
460-00-4	4-Bromofluorobenzene	93		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	102		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54717.D
 Lims ID: 460-141953-B-5
 Client ID: GT-6
 Sample Type: Client
 Inject. Date: 08-Oct-2017 15:41:30 ALS Bottle#: 15 Worklist Smp#: 16
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: 460-141953-B-5
 Misc. Info.: 460-0061487-016
 Operator ID: Instrument ID: CVOAMS6
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Oct-2017 11:10:41 Calib Date: 03-Oct-2017 09:23:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK005

First Level Reviewer: boykink

Date: 08-Oct-2017 19:26:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.242	3.250	-0.008	95	197895	1000.0	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	80	267898	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.770	0.000	96	129281	50.9	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.124	-0.008	96	139815	51.6	
* 61 Fluorobenzene	96	5.387	5.395	-0.008	98	515942	50.0	
* 67 1,4-Dioxane-d8	96	6.085	6.085	0.000	92	17113	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.055	0.000	99	459460	50.5	
* 89 Chlorobenzene-d5	117	8.838	8.846	-0.008	87	347640	50.0	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	89	152054	46.7	
* 116 1,4-Dichlorobenzene-d4	152	10.950	10.950	0.000	97	209800	50.0	
117 1,4-Dichlorobenzene	146	10.966	10.966	0.000	34	2408	0.3360	

Reagents:

VOA6IS/SURR_00004

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS6\\20171008-61487.b\\F54717.D

Injection Date: 08-Oct-2017 15:41:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-141953-B-5

Lab Sample ID: 460-141953-5

Worklist Smp#: 16

Client ID: GT-6

Injection Vol: 1.0 uL

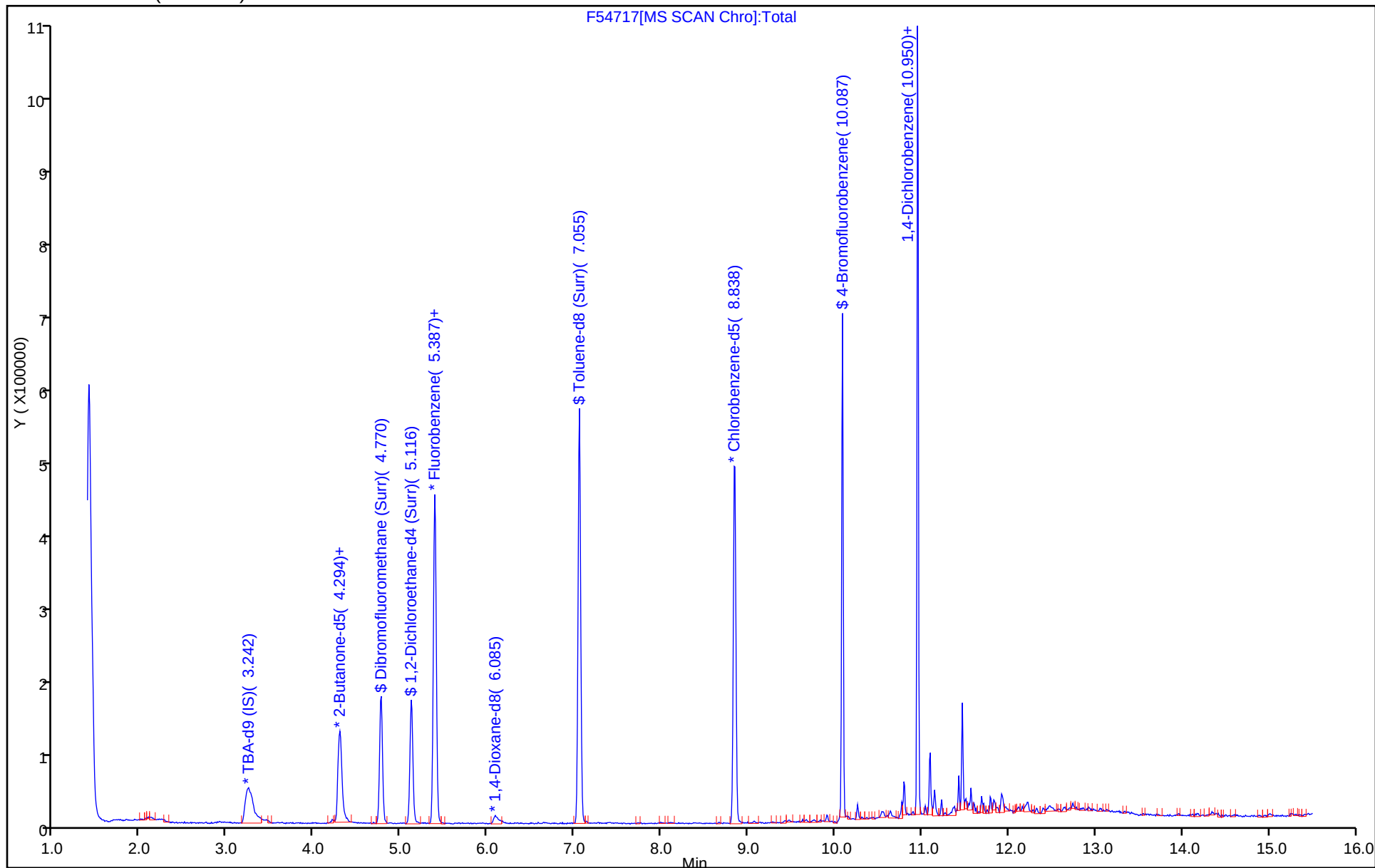
Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54717.D

Injection Date: 08-Oct-2017 15:41:30

Instrument ID: CVOAMS6

Lims ID: 460-141953-B-5

Lab Sample ID: 460-141953-5

Client ID: GT-6

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 16

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

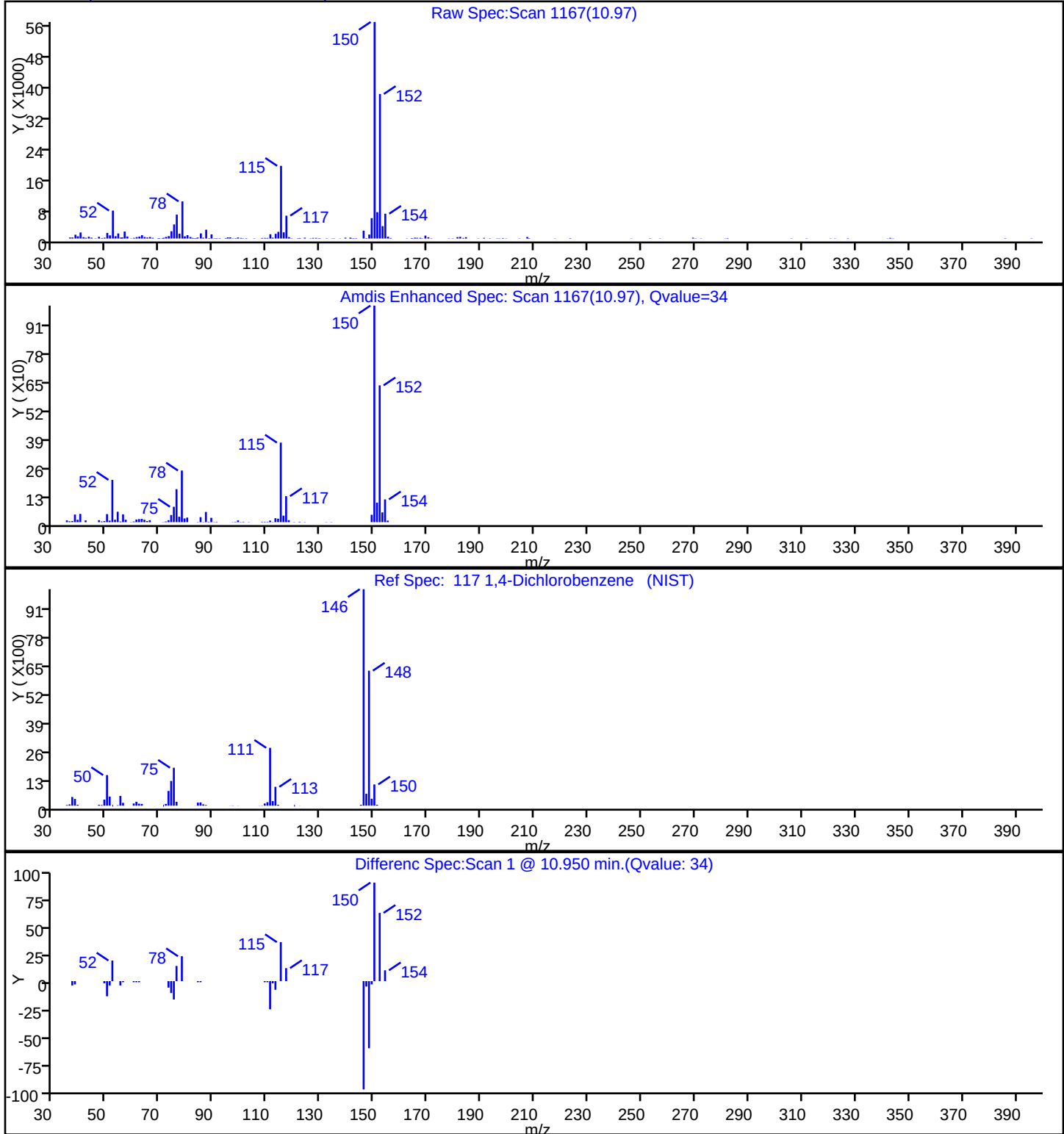
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-141953-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-7</u>	Lab Sample ID: <u>460-141953-6</u>
Matrix: <u>Water</u>	Lab File ID: <u>F54718.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/26/2017 08:05</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2017 16:05</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>467699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	1.1
75-05-8	Acetonitrile	10	U	10	1.3
71-43-2	Benzene	1.0	U	1.0	0.090
100-44-7	Benzyl chloride	10	U	10	0.15
75-27-4	Bromodichloromethane	50	U	50	0.15
75-25-2	Bromoform	5.0	U	5.0	0.18
74-83-9	Bromomethane	5.0	U	5.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
75-15-0	Carbon disulfide	60	U	60	0.22
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.33
108-90-7	Chlorobenzene	5.0	U	5.0	0.24
75-00-3	Chloroethane	5.0	U	5.0	0.37
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.17
67-66-3	Chloroform	7.0	U	7.0	0.22
74-87-3	Chloromethane	5.0	U	5.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
124-48-1	Dibromochloromethane	50	U	50	0.22
74-95-3	Dibromomethane	5.0	U	5.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.22
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.33
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.14
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.24
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.34
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.18
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	2.2
75-09-2	Methylene Chloride	5.0	U	5.0	0.21
80-62-6	Methyl methacrylate	50	U	50	0.21
179601-23-1	m&p-Xylene	10	U	10	0.28
95-47-6	o-Xylene	5.0	U	5.0	0.32
100-42-5	Styrene	5.0	U	5.0	0.17
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-141953-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-7</u>	Lab Sample ID: <u>460-141953-6</u>
Matrix: <u>Water</u>	Lab File ID: <u>F54718.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/26/2017 08:05</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2017 16:05</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>467699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19
127-18-4	Tetrachloroethene	5.0	U	5.0	0.12
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
79-01-6	Trichloroethene	5.0	U	5.0	0.22
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.36
108-88-3	Toluene	5.0	U	5.0	0.25
108-05-4	Vinyl acetate	5.0	U	5.0	0.48
75-01-4	Vinyl chloride	2.0	U	2.0	0.060
1330-20-7	Xylenes, Total	15	U	15	0.28
591-78-6	2-Hexanone	50	U	50	0.72
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.26
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.19
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.12
74-88-4	Iodomethane	5.0	U	5.0	0.19
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18
126-98-7	Methacrylonitrile	10	U	10	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		74-132
460-00-4	4-Bromofluorobenzene	93		77-124
2037-26-5	Toluene-d8 (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	102		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54718.D
 Lims ID: 460-141953-B-6
 Client ID: GT-7
 Sample Type: Client
 Inject. Date: 08-Oct-2017 16:05:30 ALS Bottle#: 16 Worklist Smp#: 17
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: 460-141953-B-6
 Misc. Info.: 460-0061487-017
 Operator ID: Instrument ID: CVOAMS6
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Oct-2017 19:27:02 Calib Date: 03-Oct-2017 09:23:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 08-Oct-2017 19:27:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.242	3.250	-0.008	94	203392	1000.0	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	80	257252	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.770	0.000	96	128674	50.8	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.124	5.124	0.000	95	142981	52.9	
* 61 Fluorobenzene	96	5.387	5.395	-0.008	98	514526	50.0	
* 67 1,4-Dioxane-d8	96	6.085	6.085	0.000	93	19832	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.055	0.000	99	453393	50.2	
* 89 Chlorobenzene-d5	117	8.846	8.846	0.000	87	344719	50.0	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	88	150005	46.5	
* 116 1,4-Dichlorobenzene-d4	152	10.958	10.950	0.008	96	212615	50.0	

Reagents:

VOA6IS/SURR_00004

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54718.D

Injection Date: 08-Oct-2017 16:05:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-141953-B-6

Lab Sample ID: 460-141953-6

Worklist Smp#: 17

Client ID: GT-7

Injection Vol: 1.0 uL

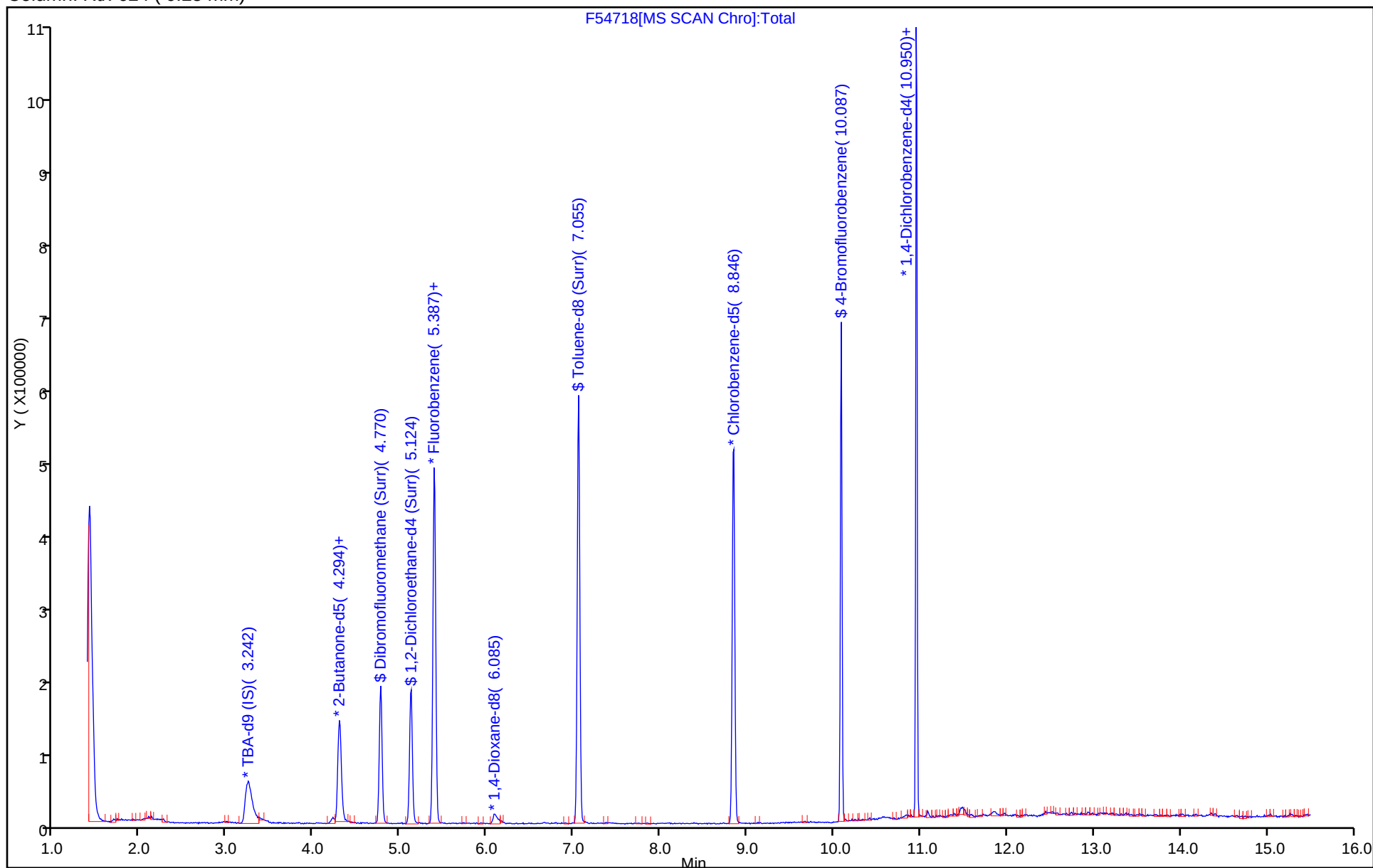
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-141953-1</u>
SDG No.: _____	
Client Sample ID: <u>VE-1R</u>	Lab Sample ID: <u>460-141953-7</u>
Matrix: <u>Water</u>	Lab File ID: <u>F54719.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/26/2017 12:55</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2017 16:28</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>467699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	1.1
75-05-8	Acetonitrile	10	U	10	1.3
71-43-2	Benzene	1.0	U	1.0	0.090
100-44-7	Benzyl chloride	10	U	10	0.15
75-27-4	Bromodichloromethane	50	U	50	0.15
75-25-2	Bromoform	5.0	U	5.0	0.18
74-83-9	Bromomethane	5.0	U	5.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
75-15-0	Carbon disulfide	60	U	60	0.22
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.33
108-90-7	Chlorobenzene	5.0	U	5.0	0.24
75-00-3	Chloroethane	5.0	U	5.0	0.37
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.17
67-66-3	Chloroform	7.0	U	7.0	0.22
74-87-3	Chloromethane	5.0	U	5.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
124-48-1	Dibromochloromethane	50	U	50	0.22
74-95-3	Dibromomethane	5.0	U	5.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.22
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.33
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.14
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.24
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.34
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.18
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	2.2
75-09-2	Methylene Chloride	5.0	U	5.0	0.21
80-62-6	Methyl methacrylate	50	U	50	0.21
179601-23-1	m&p-Xylene	10	U	10	0.28
95-47-6	o-Xylene	5.0	U	5.0	0.32
100-42-5	Styrene	5.0	U	5.0	0.17
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1

SDG No.: _____

Client Sample ID: VE-1R Lab Sample ID: 460-141953-7

Matrix: Water Lab File ID: F54719.D

Analysis Method: 8260C Date Collected: 09/26/2017 12:55

Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2017 16:28

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 467699 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19
127-18-4	Tetrachloroethene	5.0	U	5.0	0.12
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
79-01-6	Trichloroethene	5.0	U	5.0	0.22
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.36
108-88-3	Toluene	5.0	U	5.0	0.25
108-05-4	Vinyl acetate	5.0	U	5.0	0.48
75-01-4	Vinyl chloride	2.0	U	2.0	0.060
1330-20-7	Xylenes, Total	15	U	15	0.28
591-78-6	2-Hexanone	50	U	50	0.72
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.26
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.19
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.12
74-88-4	Iodomethane	5.0	U	5.0	0.19
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18
126-98-7	Methacrylonitrile	10	U	10	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		74-132
460-00-4	4-Bromofluorobenzene	95		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	103		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54719.D
 Lims ID: 460-141953-B-7
 Client ID: VE-1R
 Sample Type: Client
 Inject. Date: 08-Oct-2017 16:28:30 ALS Bottle#: 17 Worklist Smp#: 18
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: 460-141953-B-7
 Misc. Info.: 460-0061487-018
 Operator ID: Instrument ID: CVOAMS6
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Oct-2017 19:27:35 Calib Date: 03-Oct-2017 09:23:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 08-Oct-2017 19:27:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.234	3.250	-0.016	95	207020	1000.0	
* 38 2-Butanone-d5	46	4.286	4.294	-0.008	80	264462	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.762	4.770	-0.008	97	125175	51.5	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.124	-0.008	96	138405	53.4	
* 61 Fluorobenzene	96	5.387	5.395	-0.008	98	493490	50.0	
* 67 1,4-Dioxane-d8	96	6.085	6.085	0.000	94	18723	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.055	0.000	99	434317	50.5	
* 89 Chlorobenzene-d5	117	8.838	8.846	-0.008	87	328425	50.0	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	89	146496	47.6	
* 116 1,4-Dichlorobenzene-d4	152	10.950	10.950	0.000	98	205603	50.0	

Reagents:

VOA6IS/SURR_00004

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS6\\20171008-61487.b\\F54719.D

Injection Date: 08-Oct-2017 16:28:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-141953-B-7

Lab Sample ID: 460-141953-7

Worklist Smp#: 18

Client ID: VE-1R

Injection Vol: 1.0 uL

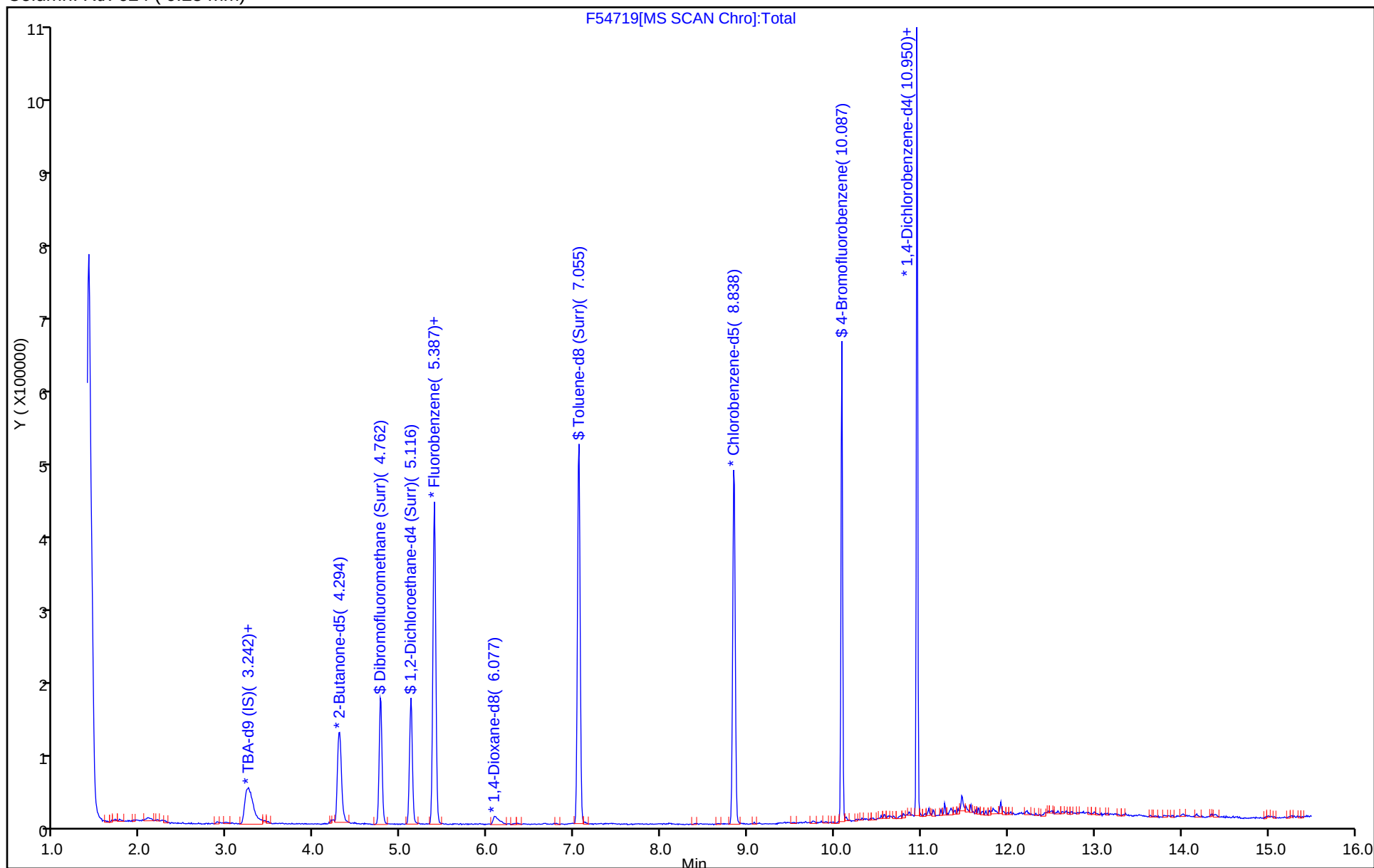
Dil. Factor: 1.0000

ALS Bottle#: 17

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-141953-1</u>
SDG No.: _____	
Client Sample ID: <u>VE-5</u>	Lab Sample ID: <u>460-141953-8</u>
Matrix: <u>Water</u>	Lab File ID: <u>F54720.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/26/2017 07:15</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2017 16:51</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>467699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	1.1
75-05-8	Acetonitrile	10	U	10	1.3
71-43-2	Benzene	1.0	U	1.0	0.090
100-44-7	Benzyl chloride	10	U	10	0.15
75-27-4	Bromodichloromethane	50	U	50	0.15
75-25-2	Bromoform	5.0	U	5.0	0.18
74-83-9	Bromomethane	5.0	U	5.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
75-15-0	Carbon disulfide	60	U	60	0.22
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.33
108-90-7	Chlorobenzene	5.0	U	5.0	0.24
75-00-3	Chloroethane	5.0	U	5.0	0.37
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.17
67-66-3	Chloroform	7.0	U	7.0	0.22
74-87-3	Chloromethane	5.0	U	5.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
124-48-1	Dibromochloromethane	50	U	50	0.22
74-95-3	Dibromomethane	5.0	U	5.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.22
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.33
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.14
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.24
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.34
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.18
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	2.2
75-09-2	Methylene Chloride	5.0	U	5.0	0.21
80-62-6	Methyl methacrylate	50	U	50	0.21
179601-23-1	m&p-Xylene	10	U	10	0.28
95-47-6	o-Xylene	5.0	U	5.0	0.32
100-42-5	Styrene	5.0	U	5.0	0.17
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1

SDG No.: _____

Client Sample ID: VE-5 Lab Sample ID: 460-141953-8

Matrix: Water Lab File ID: F54720.D

Analysis Method: 8260C Date Collected: 09/26/2017 07:15

Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2017 16:51

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 467699 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19
127-18-4	Tetrachloroethene	0.83	J	5.0	0.12
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
79-01-6	Trichloroethene	5.0	U	5.0	0.22
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.36
108-88-3	Toluene	5.0	U	5.0	0.25
108-05-4	Vinyl acetate	5.0	U	5.0	0.48
75-01-4	Vinyl chloride	2.0	U	2.0	0.060
1330-20-7	Xylenes, Total	15	U	15	0.28
591-78-6	2-Hexanone	50	U	50	0.72
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.26
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.19
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.12
74-88-4	Iodomethane	5.0	U	5.0	0.19
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18
126-98-7	Methacrylonitrile	10	U	10	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		74-132
460-00-4	4-Bromofluorobenzene	94		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	102		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54720.D
 Lims ID: 460-141953-B-8
 Client ID: VE-5
 Sample Type: Client
 Inject. Date: 08-Oct-2017 16:51:30 ALS Bottle#: 18 Worklist Smp#: 19
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: 460-141953-B-8
 Misc. Info.: 460-0061487-019
 Operator ID: Instrument ID: CVOAMS6
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Oct-2017 19:28:16 Calib Date: 03-Oct-2017 09:23:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 08-Oct-2017 19:28:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.242	3.250	-0.008	96	187601	1000.0	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	80	243088	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.771	4.770	0.001	97	125379	51.0	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.124	-0.008	96	137216	52.4	
* 61 Fluorobenzene	96	5.387	5.395	-0.008	98	498962	50.0	
* 67 1,4-Dioxane-d8	96	6.077	6.085	-0.008	92	16135	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.055	0.000	99	444740	50.4	
83 Tetrachloroethene	166	7.737	7.745	-0.008	97	2582	0.8270	
* 89 Chlorobenzene-d5	117	8.846	8.846	0.000	87	336880	50.0	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	87	148118	47.0	
* 116 1,4-Dichlorobenzene-d4	152	10.958	10.950	0.008	97	204660	50.0	

Reagents:

VOA6IS/SURR_00004

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54720.D

Injection Date: 08-Oct-2017 16:51:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-141953-B-8

Lab Sample ID: 460-141953-8

Worklist Smp#: 19

Client ID: VE-5

Injection Vol: 1.0 uL

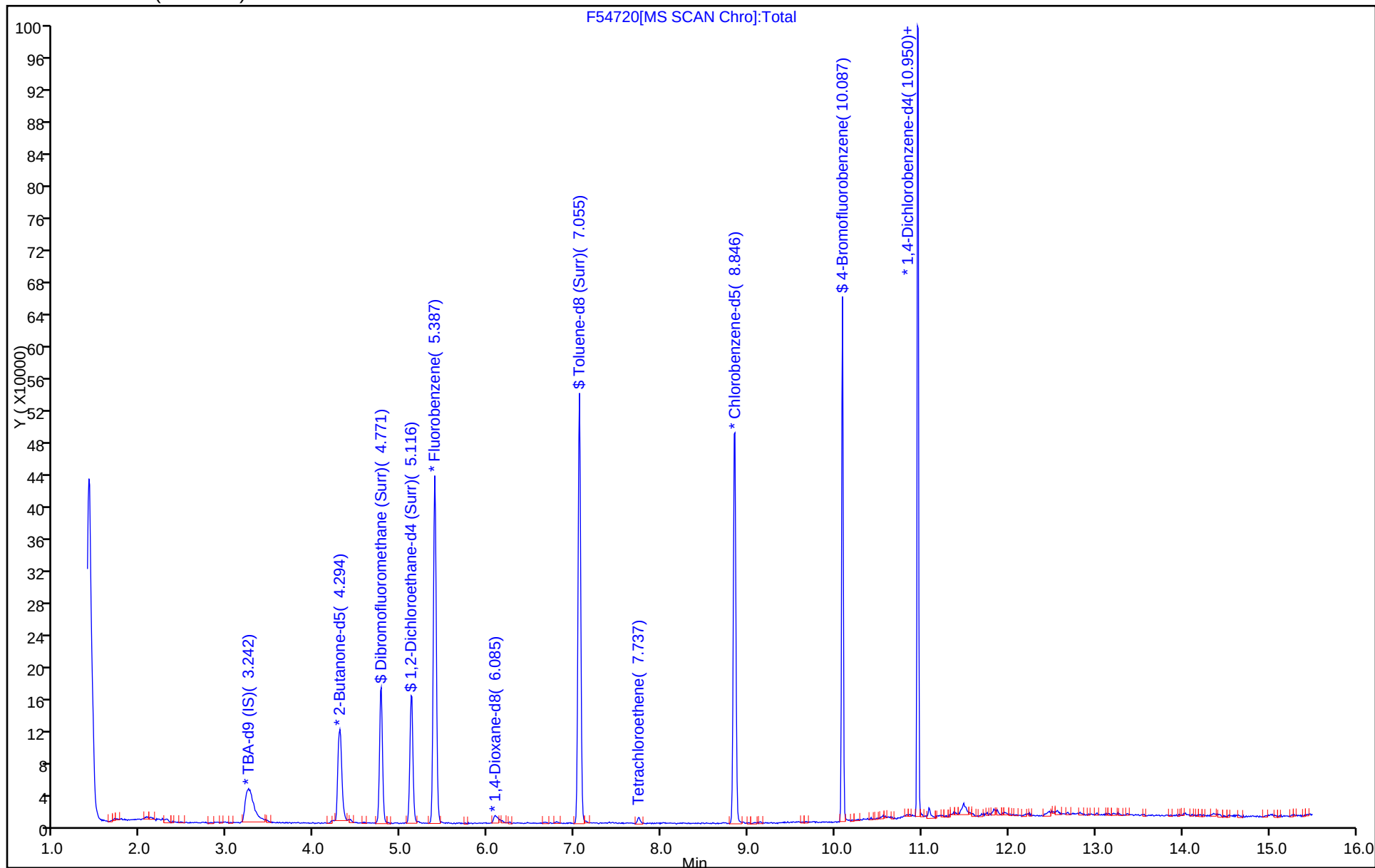
Dil. Factor: 1.0000

ALS Bottle#: 18

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS6\\20171008-61487.b\\F54720.D

Injection Date: 08-Oct-2017 16:51:30

Instrument ID: CVOAMS6

Lims ID: 460-141953-B-8

Lab Sample ID: 460-141953-8

Client ID: VE-5

Operator ID:

ALS Bottle#:

18

Worklist Smp#: 19

Injection Vol: 1.0 uL

Dil. Factor:

1.0000

Method: 8260624W6

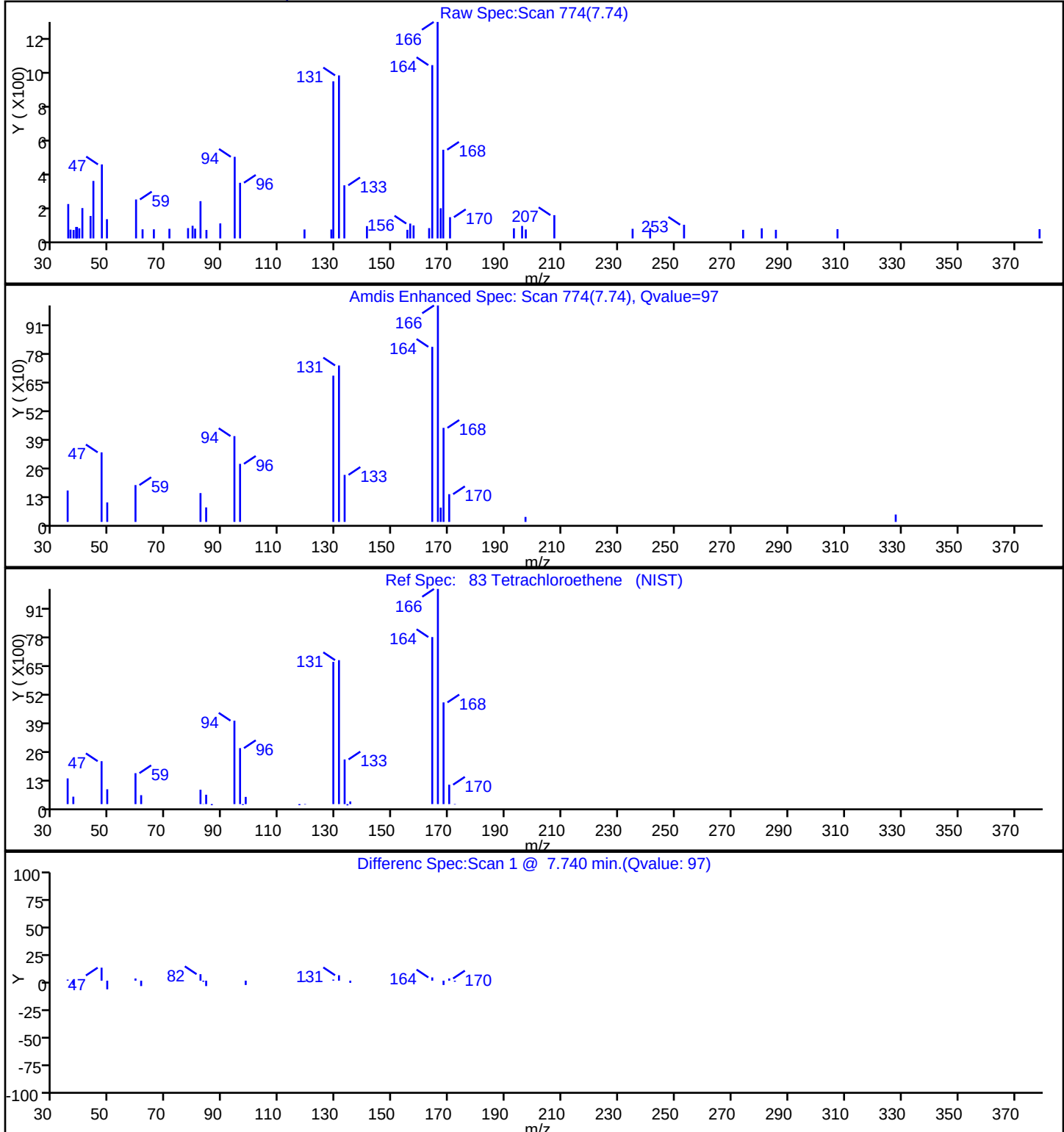
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

83 Tetrachloroethene, CAS: 127-18-4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-141953-1</u>
SDG No.: _____	
Client Sample ID: <u>VP-A</u>	Lab Sample ID: <u>460-141953-9</u>
Matrix: <u>Water</u>	Lab File ID: <u>F54721.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/26/2017 10:05</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2017 17:14</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>467699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	1.1
75-05-8	Acetonitrile	10	U	10	1.3
71-43-2	Benzene	1.0	U	1.0	0.090
100-44-7	Benzyl chloride	10	U	10	0.15
75-27-4	Bromodichloromethane	50	U	50	0.15
75-25-2	Bromoform	5.0	U	5.0	0.18
74-83-9	Bromomethane	5.0	U	5.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
75-15-0	Carbon disulfide	60	U	60	0.22
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.33
108-90-7	Chlorobenzene	5.0	U	5.0	0.24
75-00-3	Chloroethane	5.0	U	5.0	0.37
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.17
67-66-3	Chloroform	7.0	U	7.0	0.22
74-87-3	Chloromethane	5.0	U	5.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
124-48-1	Dibromochloromethane	50	U	50	0.22
74-95-3	Dibromomethane	5.0	U	5.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.22
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.33
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.14
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.24
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.34
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.18
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	2.2
75-09-2	Methylene Chloride	5.0	U	5.0	0.21
80-62-6	Methyl methacrylate	50	U	50	0.21
179601-23-1	m&p-Xylene	10	U	10	0.28
95-47-6	o-Xylene	5.0	U	5.0	0.32
100-42-5	Styrene	5.0	U	5.0	0.17
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1

SDG No.: _____

Client Sample ID: VP-A Lab Sample ID: 460-141953-9

Matrix: Water Lab File ID: F54721.D

Analysis Method: 8260C Date Collected: 09/26/2017 10:05

Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2017 17:14

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 467699 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19
127-18-4	Tetrachloroethene	0.52	J	5.0	0.12
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
79-01-6	Trichloroethene	5.0	U	5.0	0.22
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.36
108-88-3	Toluene	5.0	U	5.0	0.25
108-05-4	Vinyl acetate	5.0	U	5.0	0.48
75-01-4	Vinyl chloride	2.0	U	2.0	0.060
1330-20-7	Xylenes, Total	15	U	15	0.28
591-78-6	2-Hexanone	50	U	50	0.72
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.26
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.19
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.12
74-88-4	Iodomethane	5.0	U	5.0	0.19
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18
126-98-7	Methacrylonitrile	10	U	10	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		74-132
460-00-4	4-Bromofluorobenzene	92		77-124
2037-26-5	Toluene-d8 (Surr)	98		80-120
1868-53-7	Dibromofluoromethane (Surr)	99		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54721.D
 Lims ID: 460-141953-B-9
 Client ID: VP-A
 Sample Type: Client
 Inject. Date: 08-Oct-2017 17:14:30 ALS Bottle#: 19 Worklist Smp#: 20
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: 460-141953-B-9
 Misc. Info.: 460-0061487-020
 Operator ID: Instrument ID: CVOAMS6
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Oct-2017 19:57:31 Calib Date: 03-Oct-2017 09:23:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 08-Oct-2017 19:57:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.234	3.250	-0.016	94	195077	1000.0	
* 38 2-Butanone-d5	46	4.286	4.294	-0.008	80	272172	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.762	4.770	-0.008	97	123255	49.7	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.124	-0.008	96	142930	54.1	
* 61 Fluorobenzene	96	5.387	5.395	-0.008	98	502991	50.0	
* 67 1,4-Dioxane-d8	96	6.077	6.085	-0.008	93	22086	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.046	7.055	-0.009	99	452989	49.2	
83 Tetrachloroethene	166	7.737	7.745	-0.008	93	1689	0.5188	
* 89 Chlorobenzene-d5	117	8.838	8.846	-0.008	87	351260	50.0	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	88	151504	46.1	
* 116 1,4-Dichlorobenzene-d4	152	10.950	10.950	0.000	97	207415	50.0	

Reagents:

VOA6IS/SURR_00004

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54721.D

Injection Date: 08-Oct-2017 17:14:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-141953-B-9

Lab Sample ID: 460-141953-9

Worklist Smp#: 20

Client ID: VP-A

Injection Vol: 1.0 uL

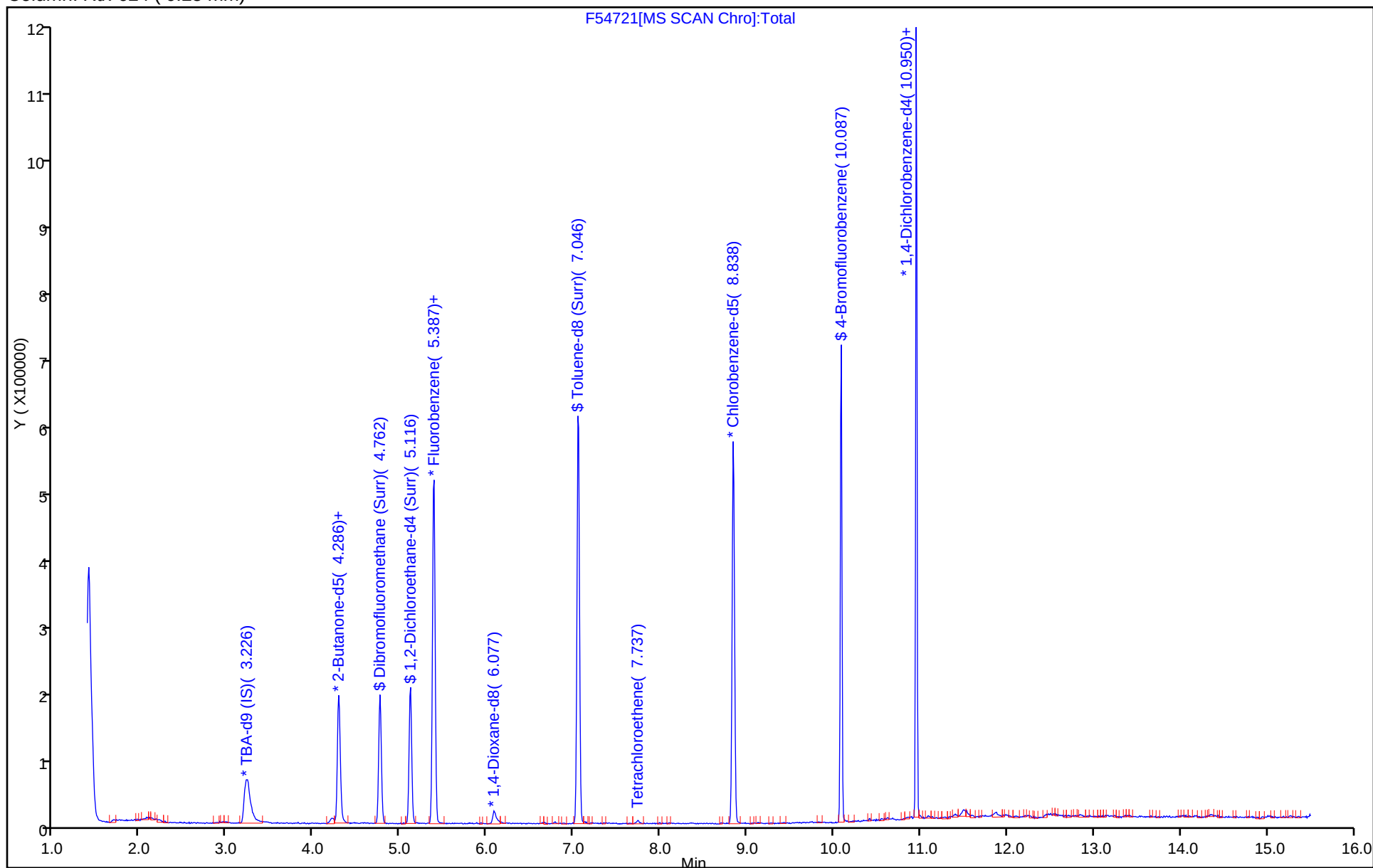
Dil. Factor: 1.0000

ALS Bottle#: 19

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54721.D

Injection Date: 08-Oct-2017 17:14:30

Instrument ID: CVOAMS6

Lims ID: 460-141953-B-9

Lab Sample ID: 460-141953-9

Client ID: VP-A

Operator ID:

ALS Bottle#:

19

Worklist Smp#: 20

Injection Vol: 1.0 uL

Dil. Factor:

1.0000

Method: 8260624W6

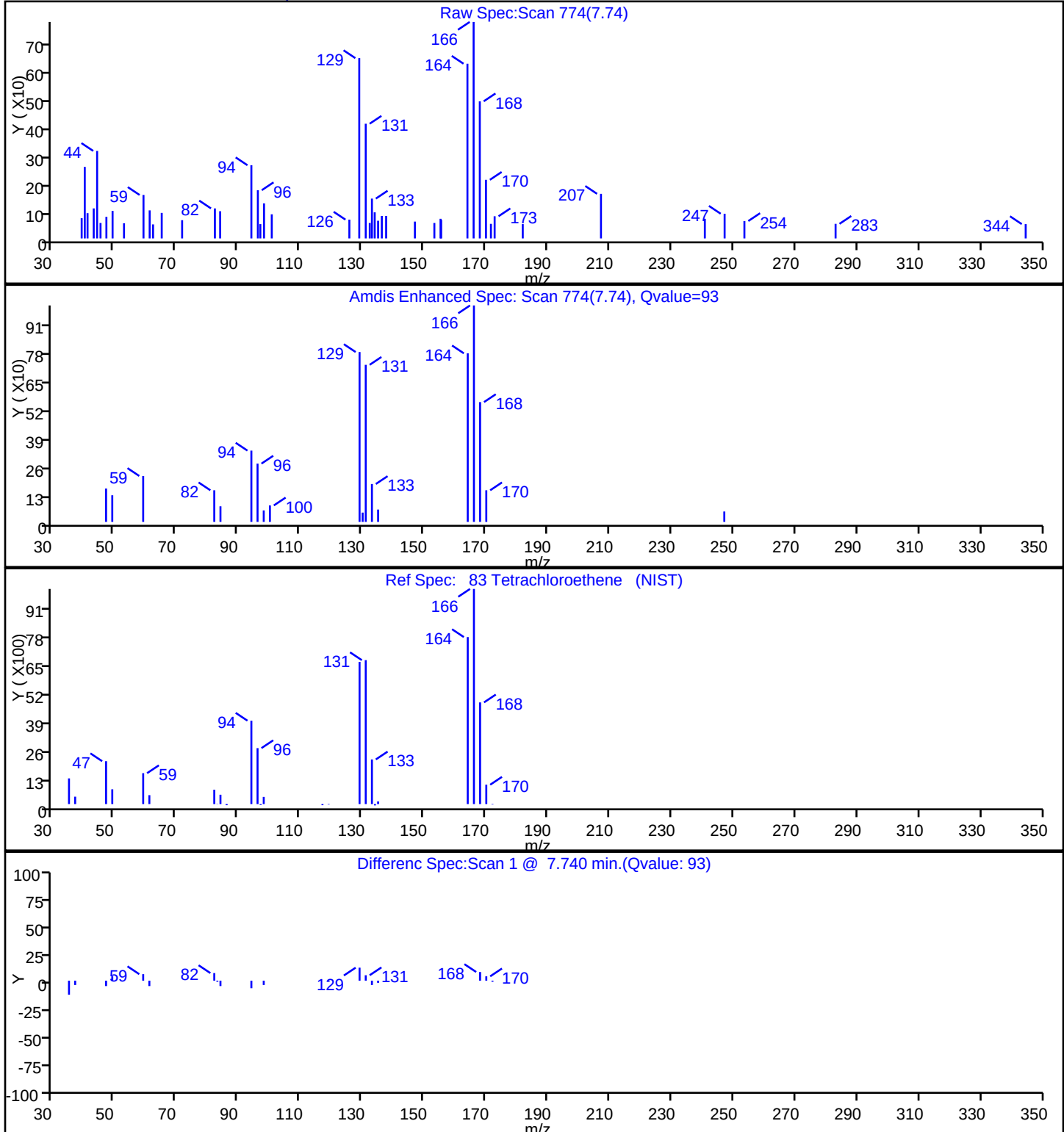
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

83 Tetrachloroethene, CAS: 127-18-4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-141953-1</u>
SDG No.: _____	
Client Sample ID: <u>VP-B</u>	Lab Sample ID: <u>460-141953-10</u>
Matrix: <u>Water</u>	Lab File ID: <u>F54722.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/26/2017 11:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2017 17:37</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>467699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	1.1
75-05-8	Acetonitrile	10	U	10	1.3
71-43-2	Benzene	1.0	U	1.0	0.090
100-44-7	Benzyl chloride	10	U	10	0.15
75-27-4	Bromodichloromethane	50	U	50	0.15
75-25-2	Bromoform	5.0	U	5.0	0.18
74-83-9	Bromomethane	5.0	U	5.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
75-15-0	Carbon disulfide	60	U	60	0.22
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.33
108-90-7	Chlorobenzene	5.0	U	5.0	0.24
75-00-3	Chloroethane	5.0	U	5.0	0.37
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.17
67-66-3	Chloroform	7.0	U	7.0	0.22
74-87-3	Chloromethane	5.0	U	5.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
124-48-1	Dibromochloromethane	50	U	50	0.22
74-95-3	Dibromomethane	5.0	U	5.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.22
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.33
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.14
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.24
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.34
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.18
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	2.2
75-09-2	Methylene Chloride	5.0	U	5.0	0.21
80-62-6	Methyl methacrylate	50	U	50	0.21
179601-23-1	m&p-Xylene	10	U	10	0.28
95-47-6	o-Xylene	5.0	U	5.0	0.32
100-42-5	Styrene	5.0	U	5.0	0.17
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-141953-1</u>
SDG No.: _____	
Client Sample ID: <u>VP-B</u>	Lab Sample ID: <u>460-141953-10</u>
Matrix: <u>Water</u>	Lab File ID: <u>F54722.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/26/2017 11:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2017 17:37</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>467699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19
127-18-4	Tetrachloroethene	0.45	J	5.0	0.12
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
79-01-6	Trichloroethene	5.0	U	5.0	0.22
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.36
108-88-3	Toluene	5.0	U	5.0	0.25
108-05-4	Vinyl acetate	5.0	U	5.0	0.48
75-01-4	Vinyl chloride	2.0	U	2.0	0.060
1330-20-7	Xylenes, Total	15	U	15	0.28
591-78-6	2-Hexanone	50	U	50	0.72
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.26
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.19
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.12
74-88-4	Iodomethane	5.0	U	5.0	0.19
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18
126-98-7	Methacrylonitrile	10	U	10	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		74-132
460-00-4	4-Bromofluorobenzene	92		77-124
2037-26-5	Toluene-d8 (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	103		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54722.D
 Lims ID: 460-141953-B-10
 Client ID: VP-B
 Sample Type: Client
 Inject. Date: 08-Oct-2017 17:37:30 ALS Bottle#: 20 Worklist Smp#: 21
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: 460-141953-B-10
 Misc. Info.: 460-0061487-021
 Operator ID: Instrument ID: CVOAMS6
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Oct-2017 19:56:45 Calib Date: 03-Oct-2017 09:23:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 08-Oct-2017 19:56:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.250	3.250	0.000	95	195699	1000.0	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	80	263171	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.770	0.000	97	127541	51.7	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.115	5.124	-0.009	95	142424	54.2	
* 61 Fluorobenzene	96	5.387	5.395	-0.008	98	500460	50.0	
* 67 1,4-Dioxane-d8	96	6.077	6.085	-0.008	93	17300	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.055	0.000	99	442583	50.0	
83 Tetrachloroethene	166	7.737	7.745	-0.008	93	1423	0.4548	
* 89 Chlorobenzene-d5	117	8.838	8.846	-0.008	87	337635	50.0	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	88	145557	46.0	
* 116 1,4-Dichlorobenzene-d4	152	10.958	10.950	0.008	96	203756	50.0	

Reagents:

VOA6IS/SURR_00004

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54722.D

Injection Date: 08-Oct-2017 17:37:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-141953-B-10

Lab Sample ID: 460-141953-10

Worklist Smp#: 21

Client ID: VP-B

Injection Vol: 1.0 uL

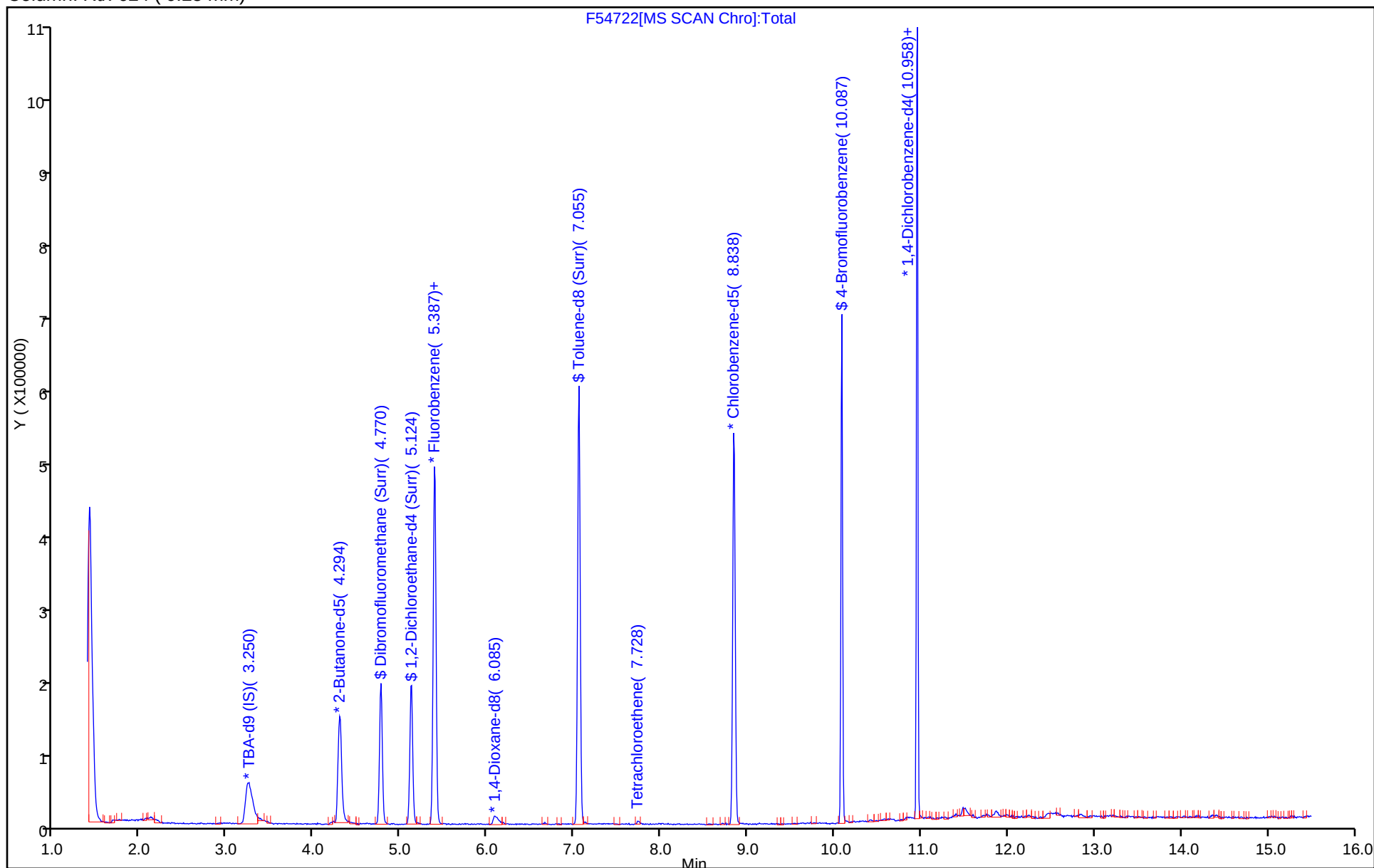
Dil. Factor: 1.0000

ALS Bottle#: 20

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS6\\20171008-61487.b\\F54722.D

Injection Date: 08-Oct-2017 17:37:30

Instrument ID: CVOAMS6

Lims ID: 460-141953-B-10

Lab Sample ID: 460-141953-10

Client ID: VP-B

Operator ID:

ALS Bottle#:

20

Worklist Smp#:

21

Injection Vol: 1.0 uL

Dil. Factor:

1.0000

Method: 8260624W6

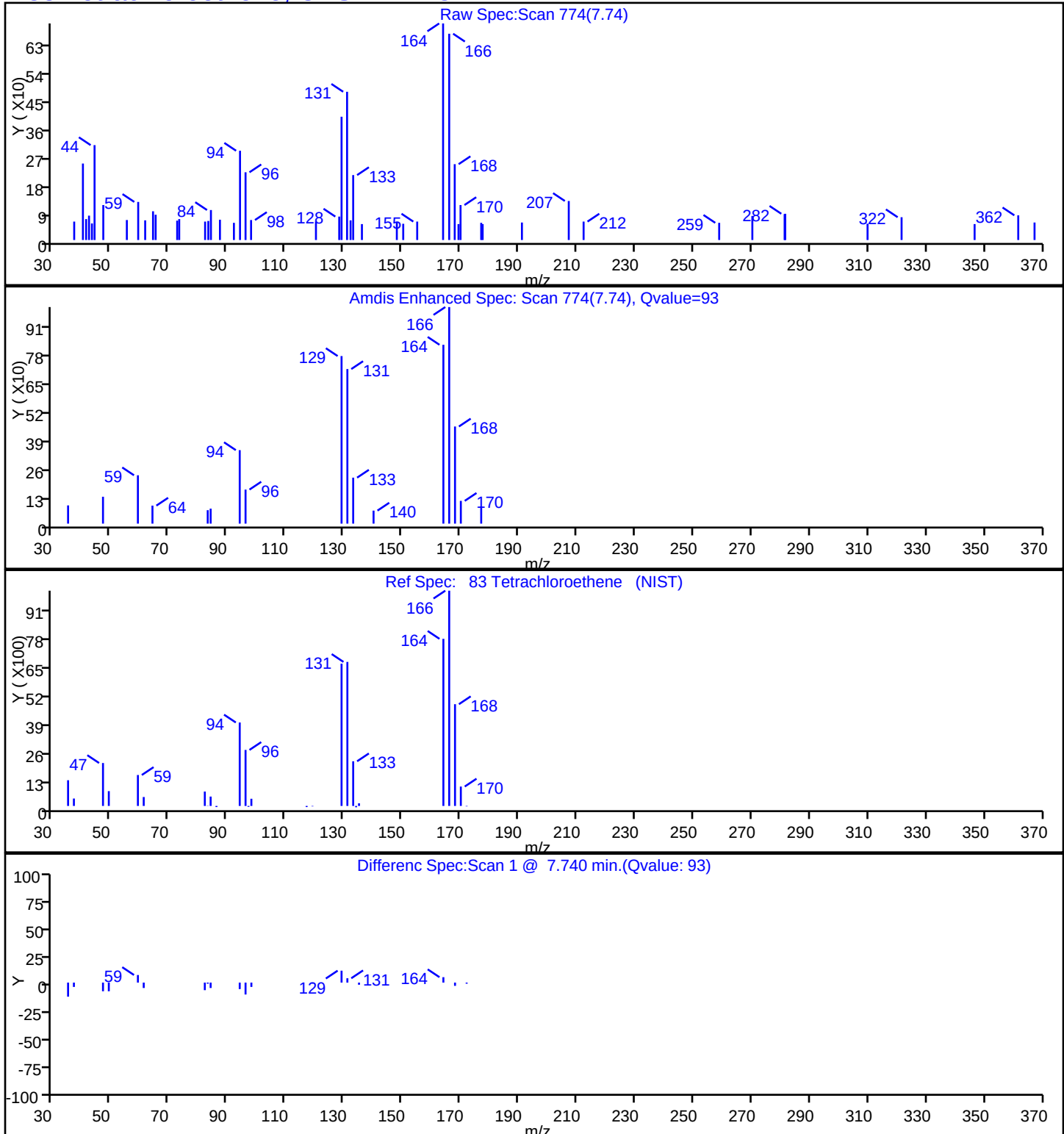
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

83 Tetrachloroethene, CAS: 127-18-4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-141953-1</u>
SDG No.: _____	
Client Sample ID: <u>GW-DUP</u>	Lab Sample ID: <u>460-141953-11</u>
Matrix: <u>Water</u>	Lab File ID: <u>F54723.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/26/2017 12:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2017 18:00</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>467699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	1.1
75-05-8	Acetonitrile	10	U	10	1.3
71-43-2	Benzene	1.0	U	1.0	0.090
100-44-7	Benzyl chloride	10	U	10	0.15
75-27-4	Bromodichloromethane	50	U	50	0.15
75-25-2	Bromoform	5.0	U	5.0	0.18
74-83-9	Bromomethane	5.0	U	5.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
75-15-0	Carbon disulfide	60	U	60	0.22
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.33
108-90-7	Chlorobenzene	5.0	U	5.0	0.24
75-00-3	Chloroethane	5.0	U	5.0	0.37
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.17
67-66-3	Chloroform	7.0	U	7.0	0.22
74-87-3	Chloromethane	5.0	U	5.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
124-48-1	Dibromochloromethane	50	U	50	0.22
74-95-3	Dibromomethane	5.0	U	5.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.22
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.33
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.14
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.24
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.34
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.18
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	2.2
75-09-2	Methylene Chloride	5.0	U	5.0	0.21
80-62-6	Methyl methacrylate	50	U	50	0.21
179601-23-1	m&p-Xylene	10	U	10	0.28
95-47-6	o-Xylene	5.0	U	5.0	0.32
100-42-5	Styrene	5.0	U	5.0	0.17
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1

SDG No.: _____

Client Sample ID: GW-DUP Lab Sample ID: 460-141953-11

Matrix: Water Lab File ID: F54723.D

Analysis Method: 8260C Date Collected: 09/26/2017 12:00

Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2017 18:00

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 467699 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19
127-18-4	Tetrachloroethene	5.0	U	5.0	0.12
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
79-01-6	Trichloroethene	5.0	U	5.0	0.22
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.36
108-88-3	Toluene	5.0	U	5.0	0.25
108-05-4	Vinyl acetate	5.0	U	5.0	0.48
75-01-4	Vinyl chloride	2.0	U	2.0	0.060
1330-20-7	Xylenes, Total	15	U	15	0.28
591-78-6	2-Hexanone	50	U	50	0.72
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.26
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.19
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.12
74-88-4	Iodomethane	5.0	U	5.0	0.19
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18
126-98-7	Methacrylonitrile	10	U	10	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		74-132
460-00-4	4-Bromofluorobenzene	94		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	103		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54723.D
 Lims ID: 460-141953-B-11
 Client ID: GW-DUP
 Sample Type: Client
 Inject. Date: 08-Oct-2017 18:00:30 ALS Bottle#: 21 Worklist Smp#: 22
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: 460-141953-B-11
 Misc. Info.: 460-0061487-022
 Operator ID: Instrument ID: CVOAMS6
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Oct-2017 11:11:54 Calib Date: 03-Oct-2017 09:23:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK005

First Level Reviewer: boykink

Date: 08-Oct-2017 19:56:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.250	3.250	0.000	95	176063	1000.0	
* 38 2-Butanone-d5	46	4.286	4.294	-0.008	80	254921	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.771	4.770	0.001	96	121555	51.6	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.124	-0.008	97	134962	53.7	
* 61 Fluorobenzene	96	5.387	5.395	-0.008	98	478022	50.0	
* 67 1,4-Dioxane-d8	96	6.077	6.085	-0.008	91	14033	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.055	0.000	99	429650	50.5	
* 89 Chlorobenzene-d5	117	8.838	8.846	-0.008	88	324961	50.0	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	88	143574	47.2	
* 116 1,4-Dichlorobenzene-d4	152	10.958	10.950	0.008	97	204255	50.0	

Reagents:

VOA6IS/SURR_00004

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS6\\20171008-61487.b\\F54723.D

Injection Date: 08-Oct-2017 18:00:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-141953-B-11

Lab Sample ID: 460-141953-11

Worklist Smp#: 22

Client ID: GW-DUP

Injection Vol: 1.0 uL

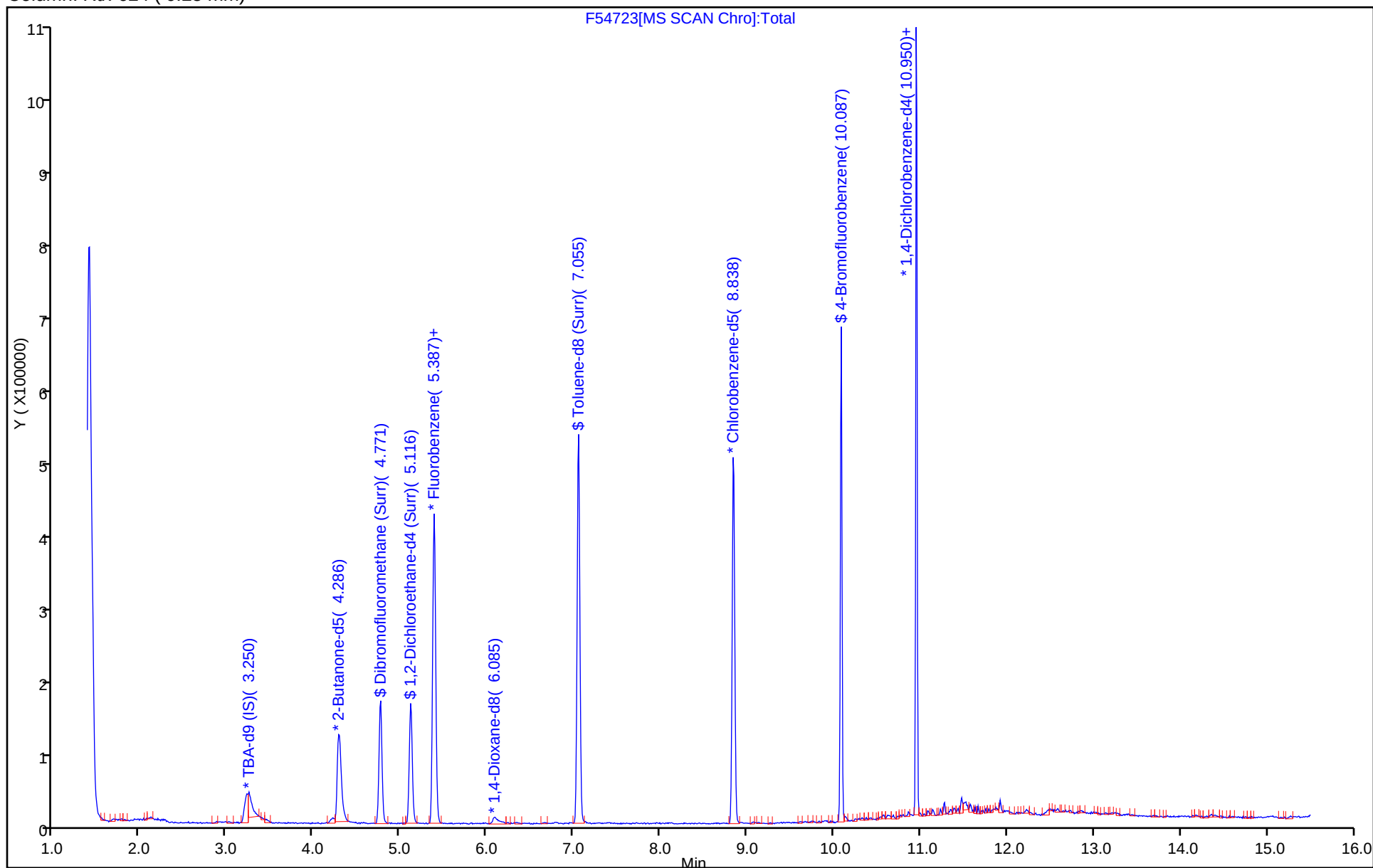
Dil. Factor: 1.0000

ALS Bottle#: 21

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-141953-1</u>
SDG No.: _____	
Client Sample ID: <u>TRIP BLANK-1</u>	Lab Sample ID: <u>460-141953-12</u>
Matrix: <u>Water</u>	Lab File ID: <u>F54710.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/26/2017 14:45</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2017 12:59</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>467699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	1.1
75-05-8	Acetonitrile	10	U	10	1.3
71-43-2	Benzene	1.0	U	1.0	0.090
100-44-7	Benzyl chloride	10	U	10	0.15
75-27-4	Bromodichloromethane	50	U	50	0.15
75-25-2	Bromoform	5.0	U	5.0	0.18
74-83-9	Bromomethane	5.0	U	5.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
75-15-0	Carbon disulfide	60	U	60	0.22
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.33
108-90-7	Chlorobenzene	5.0	U	5.0	0.24
75-00-3	Chloroethane	5.0	U	5.0	0.37
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.17
67-66-3	Chloroform	7.0	U	7.0	0.22
74-87-3	Chloromethane	5.0	U	5.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
124-48-1	Dibromochloromethane	50	U	50	0.22
74-95-3	Dibromomethane	5.0	U	5.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.22
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.33
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.14
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.24
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.34
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.18
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	2.2
75-09-2	Methylene Chloride	5.0	U	5.0	0.21
80-62-6	Methyl methacrylate	50	U	50	0.21
179601-23-1	m&p-Xylene	10	U	10	0.28
95-47-6	o-Xylene	5.0	U	5.0	0.32
100-42-5	Styrene	5.0	U	5.0	0.17
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-141953-1</u>
SDG No.: _____	
Client Sample ID: <u>TRIP BLANK-1</u>	Lab Sample ID: <u>460-141953-12</u>
Matrix: <u>Water</u>	Lab File ID: <u>F54710.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/26/2017 14:45</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2017 12:59</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>467699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19
127-18-4	Tetrachloroethene	5.0	U	5.0	0.12
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
79-01-6	Trichloroethene	5.0	U	5.0	0.22
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.36
108-88-3	Toluene	5.0	U	5.0	0.25
108-05-4	Vinyl acetate	5.0	U	5.0	0.48
75-01-4	Vinyl chloride	2.0	U	2.0	0.060
1330-20-7	Xylenes, Total	15	U	15	0.28
591-78-6	2-Hexanone	50	U	50	0.72
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.26
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.19
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.12
74-88-4	Iodomethane	5.0	U	5.0	0.19
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18
126-98-7	Methacrylonitrile	10	U	10	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		74-132
460-00-4	4-Bromofluorobenzene	92		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	102		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54710.D
 Lims ID: 460-141953-B-12
 Client ID: TRIP BLANK-1
 Sample Type: Client
 Inject. Date: 08-Oct-2017 12:59:30 ALS Bottle#: 8 Worklist Smp#: 9
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: 460-141953-B-12
 Misc. Info.: 460-0061487-009
 Operator ID: Instrument ID: CVOAMS6
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Oct-2017 19:22:22 Calib Date: 03-Oct-2017 09:23:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: boykink

Date: 08-Oct-2017 19:22:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.242	3.250	-0.008	95	192040	1000.0	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	80	256453	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.770	0.000	97	135339	51.1	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.124	5.124	0.000	96	149027	52.8	
* 61 Fluorobenzene	96	5.395	5.395	0.000	98	537638	50.0	
* 67 1,4-Dioxane-d8	96	6.085	6.085	0.000	95	18945	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.055	0.000	99	474966	50.7	
* 89 Chlorobenzene-d5	117	8.846	8.846	0.000	87	357844	50.0	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	88	154946	46.2	
* 116 1,4-Dichlorobenzene-d4	152	10.958	10.950	0.008	96	220107	50.0	

Reagents:

VOA6IS/SURR_00004

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54710.D

Injection Date: 08-Oct-2017 12:59:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-141953-B-12

Lab Sample ID: 460-141953-12

Worklist Smp#: 9

Client ID: TRIP BLANK-1

Injection Vol: 1.0 uL

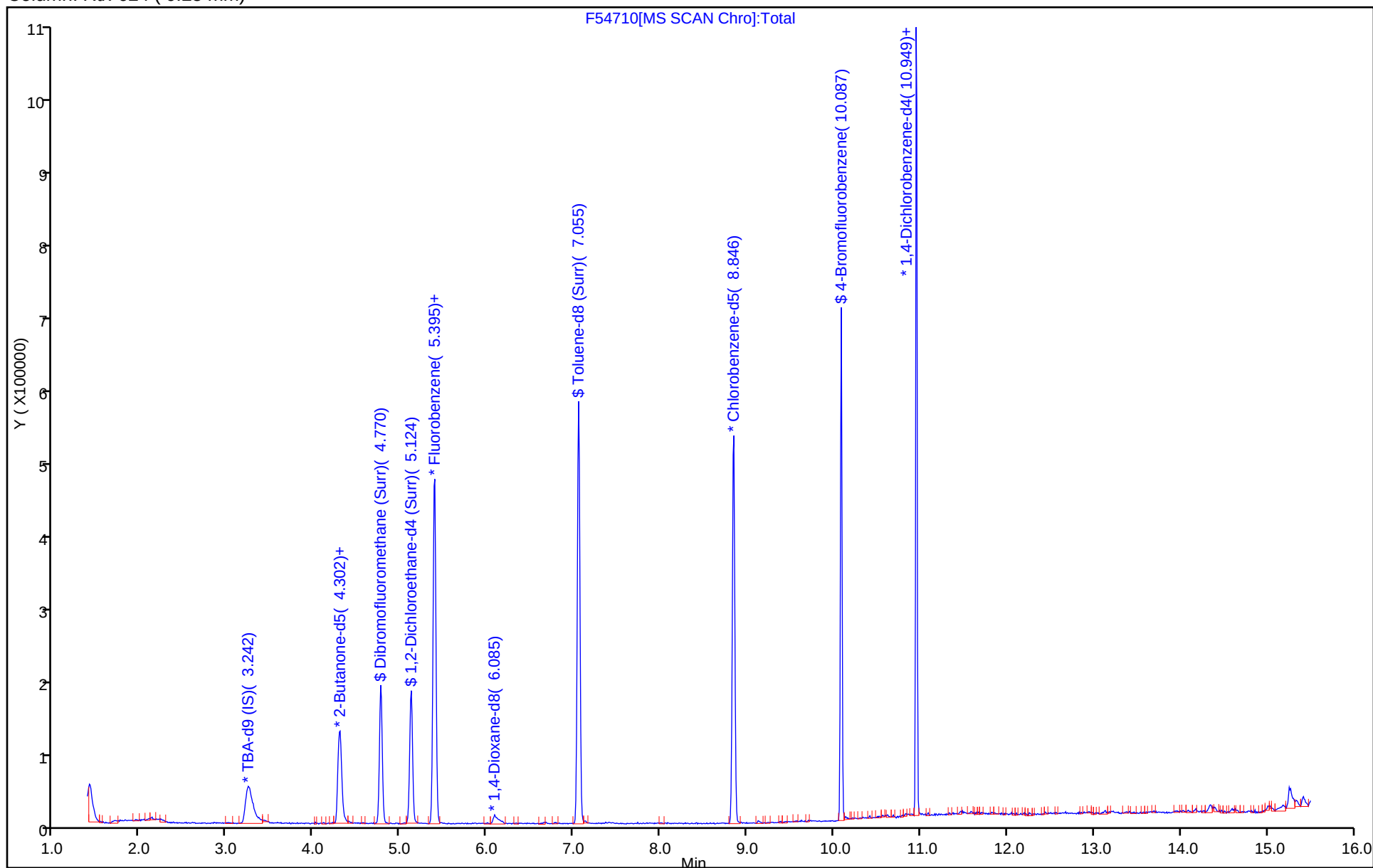
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-141953-1</u>
SDG No.: _____	
Client Sample ID: <u>Rinse Blank-1</u>	Lab Sample ID: <u>460-141953-13</u>
Matrix: <u>Water</u>	Lab File ID: <u>F54711.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/26/2017 14:44</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2017 13:22</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>467699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	1.1
75-05-8	Acetonitrile	10	U	10	1.3
71-43-2	Benzene	1.0	U	1.0	0.090
100-44-7	Benzyl chloride	10	U	10	0.15
75-27-4	Bromodichloromethane	50	U	50	0.15
75-25-2	Bromoform	5.0	U	5.0	0.18
74-83-9	Bromomethane	5.0	U	5.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
75-15-0	Carbon disulfide	60	U	60	0.22
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.33
108-90-7	Chlorobenzene	5.0	U	5.0	0.24
75-00-3	Chloroethane	5.0	U	5.0	0.37
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.17
67-66-3	Chloroform	7.0	U	7.0	0.22
74-87-3	Chloromethane	5.0	U	5.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
124-48-1	Dibromochloromethane	50	U	50	0.22
74-95-3	Dibromomethane	5.0	U	5.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.22
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.33
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.14
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.24
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.34
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.18
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	2.2
75-09-2	Methylene Chloride	10		5.0	0.21
80-62-6	Methyl methacrylate	50	U	50	0.21
179601-23-1	m&p-Xylene	0.61	J	10	0.28
95-47-6	o-Xylene	5.0	U	5.0	0.32
100-42-5	Styrene	5.0	U	5.0	0.17
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1

SDG No.: _____

Client Sample ID: Rinse Blank-1 Lab Sample ID: 460-141953-13

Matrix: Water Lab File ID: F54711.D

Analysis Method: 8260C Date Collected: 09/26/2017 14:44

Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2017 13:22

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 467699 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19
127-18-4	Tetrachloroethene	5.0	U	5.0	0.12
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
79-01-6	Trichloroethene	5.0	U	5.0	0.22
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.36
108-88-3	Toluene	0.33	J	5.0	0.25
108-05-4	Vinyl acetate	5.0	U	5.0	0.48
75-01-4	Vinyl chloride	2.0	U	2.0	0.060
1330-20-7	Xylenes, Total	0.61	J	15	0.28
591-78-6	2-Hexanone	50	U	50	0.72
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.26
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.19
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.12
74-88-4	Iodomethane	5.0	U	5.0	0.19
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18
126-98-7	Methacrylonitrile	10	U	10	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		74-132
460-00-4	4-Bromofluorobenzene	95		77-124
2037-26-5	Toluene-d8 (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	102		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54711.D
 Lims ID: 460-141953-B-13
 Client ID: Rinse Blank-1
 Sample Type: Client
 Inject. Date: 08-Oct-2017 13:22:30 ALS Bottle#: 9 Worklist Smp#: 10
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: 460-141953-B-13
 Misc. Info.: 460-0061487-010
 Operator ID: Instrument ID: CVOAMS6
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Oct-2017 11:12:58 Calib Date: 03-Oct-2017 09:23:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK005

First Level Reviewer: boykink

Date: 08-Oct-2017 19:22:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.242	3.250	-0.008	95	183712	1000.0	
27 Methylene Chloride	84	3.250	3.250	0.000	95	34350	9.95	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	80	246208	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.770	0.000	97	129804	50.8	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.124	5.124	0.000	96	141647	51.9	
* 61 Fluorobenzene	96	5.395	5.395	0.000	98	519151	50.0	
* 67 1,4-Dioxane-d8	96	6.085	6.085	0.000	92	15119	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.055	0.000	99	463509	49.8	
79 Toluene	91	7.137	7.129	0.008	67	4096	0.3288	
* 89 Chlorobenzene-d5	117	8.846	8.846	0.000	87	355353	50.0	
93 m-Xylene & p-Xylene	106	9.134	9.134	0.000	96	3408	0.6119	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	89	157642	47.4	
* 116 1,4-Dichlorobenzene-d4	152	10.958	10.950	0.008	96	218149	50.0	
S 131 Xylenes, Total	100				0		0.6119	

Reagents:

VOA6IS/SURR_00004

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS6\\20171008-61487.b\\F54711.D

Injection Date: 08-Oct-2017 13:22:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-141953-B-13

Lab Sample ID: 460-141953-13

Worklist Smp#: 10

Client ID: Rinse Blank-1

Injection Vol: 1.0 uL

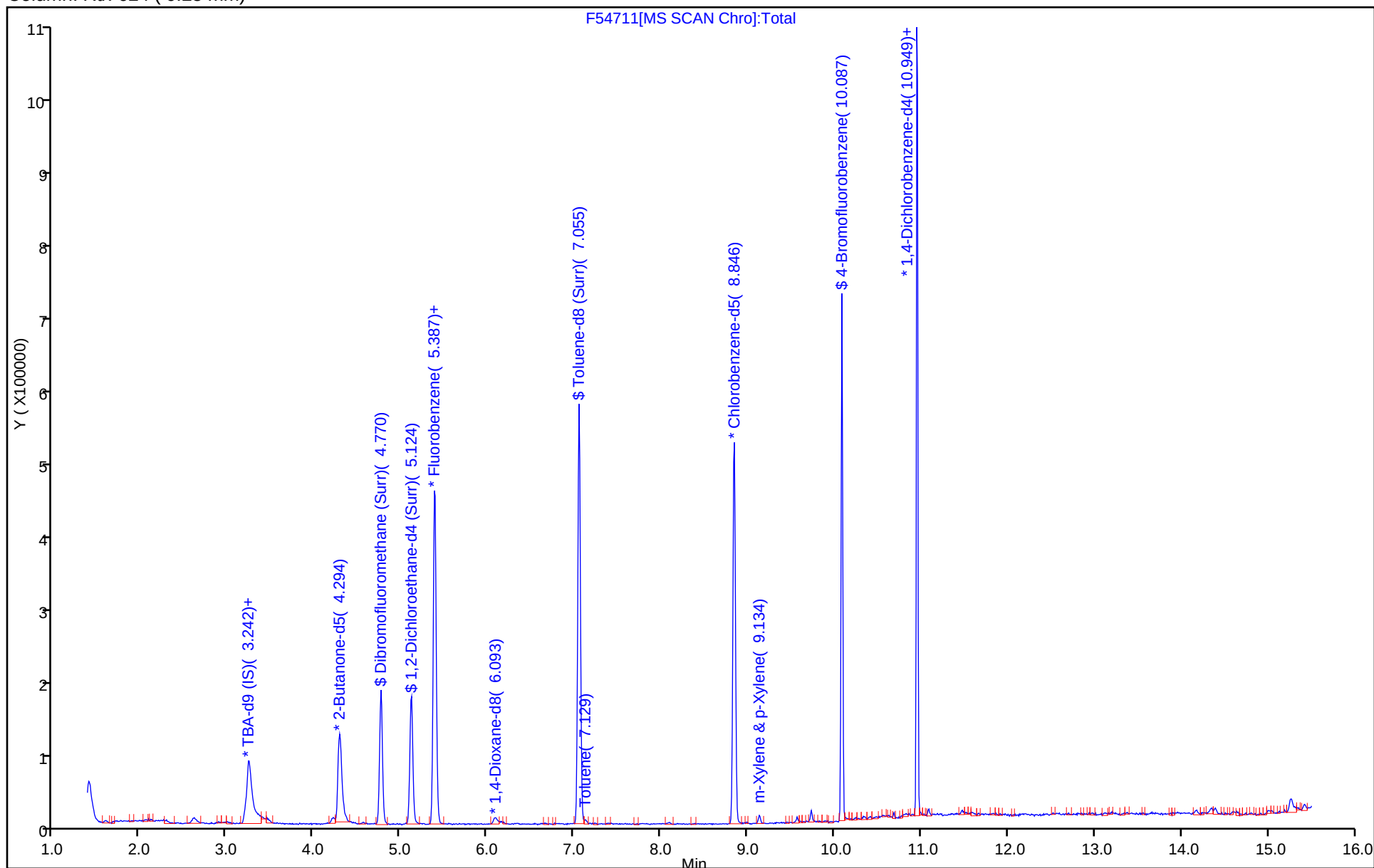
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS6\\20171008-61487.b\\F54711.D

Injection Date: 08-Oct-2017 13:22:30

Instrument ID: CVOAMS6

Lims ID: 460-141953-B-13

Lab Sample ID: 460-141953-13

Client ID: Rinse Blank-1

Operator ID:

ALS Bottle#:

Worklist Smp#: 10

Injection Vol: 1.0 uL

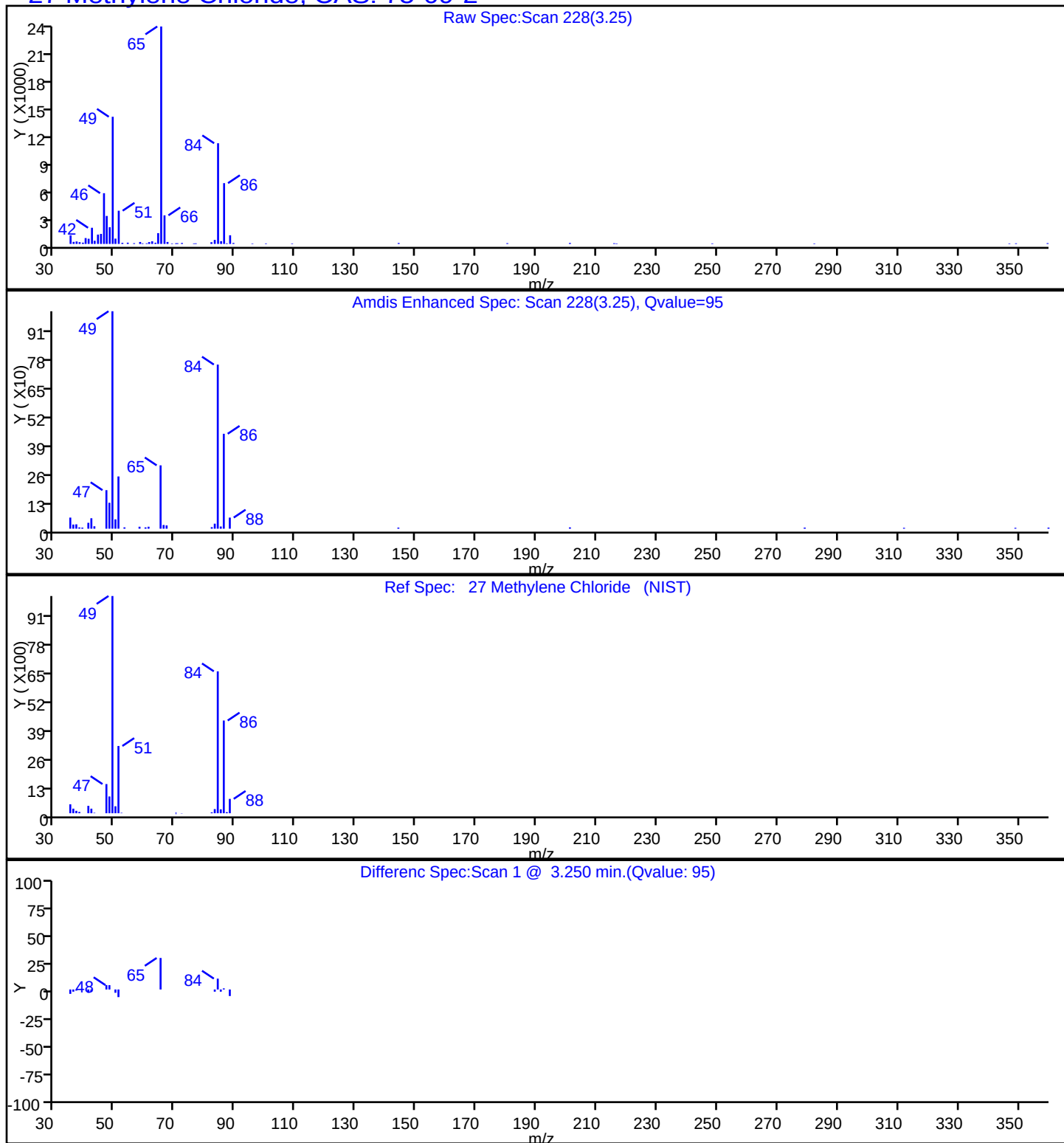
Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

27 Methylene Chloride, CAS: 75-09-2

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54711.D

Injection Date: 08-Oct-2017 13:22:30

Instrument ID: CVOAMS6

Lims ID: 460-141953-B-13

Lab Sample ID: 460-141953-13

Client ID: Rinse Blank-1

Operator ID:

ALS Bottle#: 9

Worklist Smp#: 10

Injection Vol: 1.0 uL

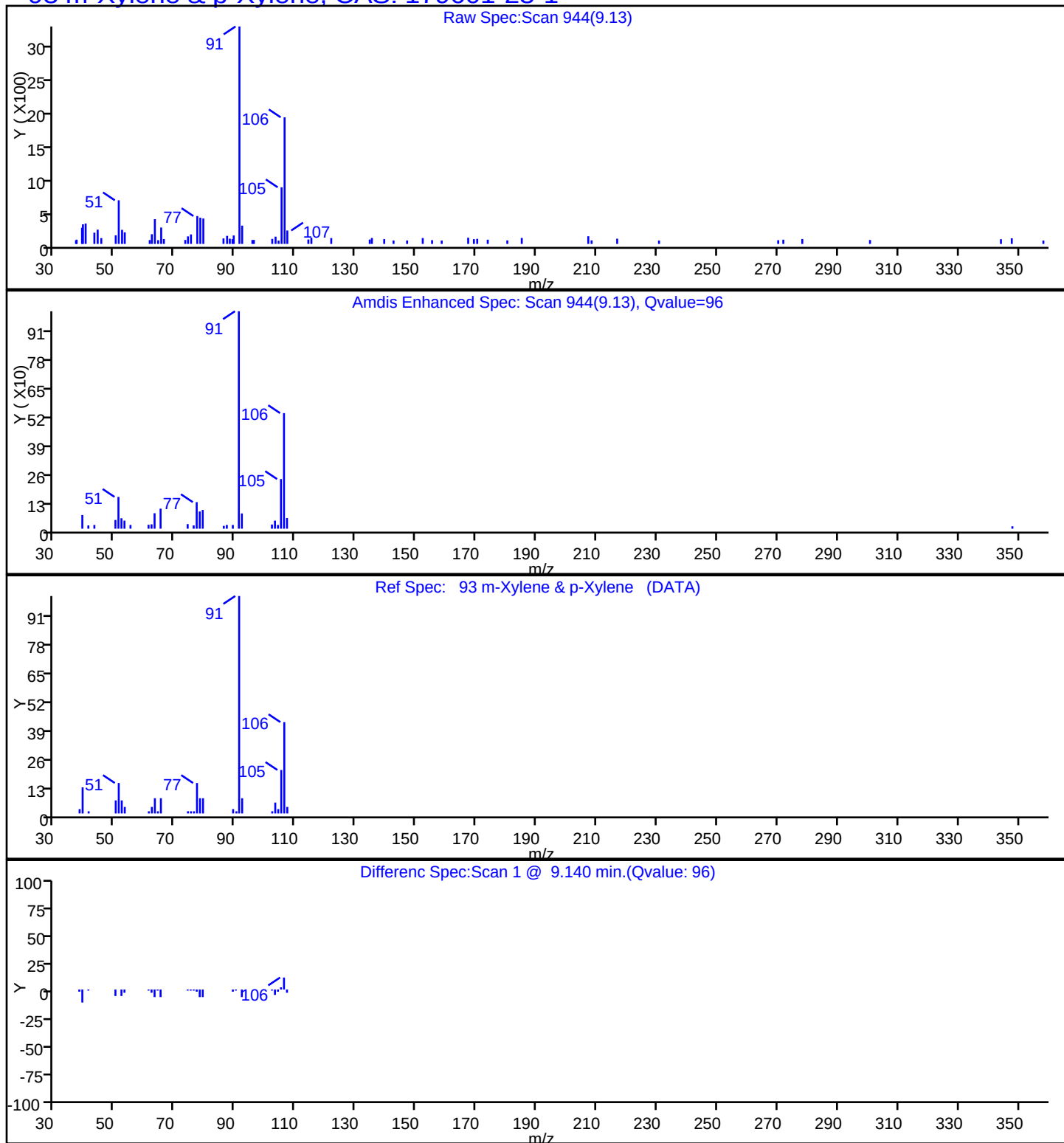
Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

93 m-Xylene & p-Xylene, CAS: 179601-23-1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54711.D

Injection Date: 08-Oct-2017 13:22:30

Instrument ID: CVOAMS6

Lims ID: 460-141953-B-13

Lab Sample ID: 460-141953-13

Client ID: Rinse Blank-1

Operator ID:

ALS Bottle#:

Worklist Smp#: 10

Injection Vol: 1.0 uL

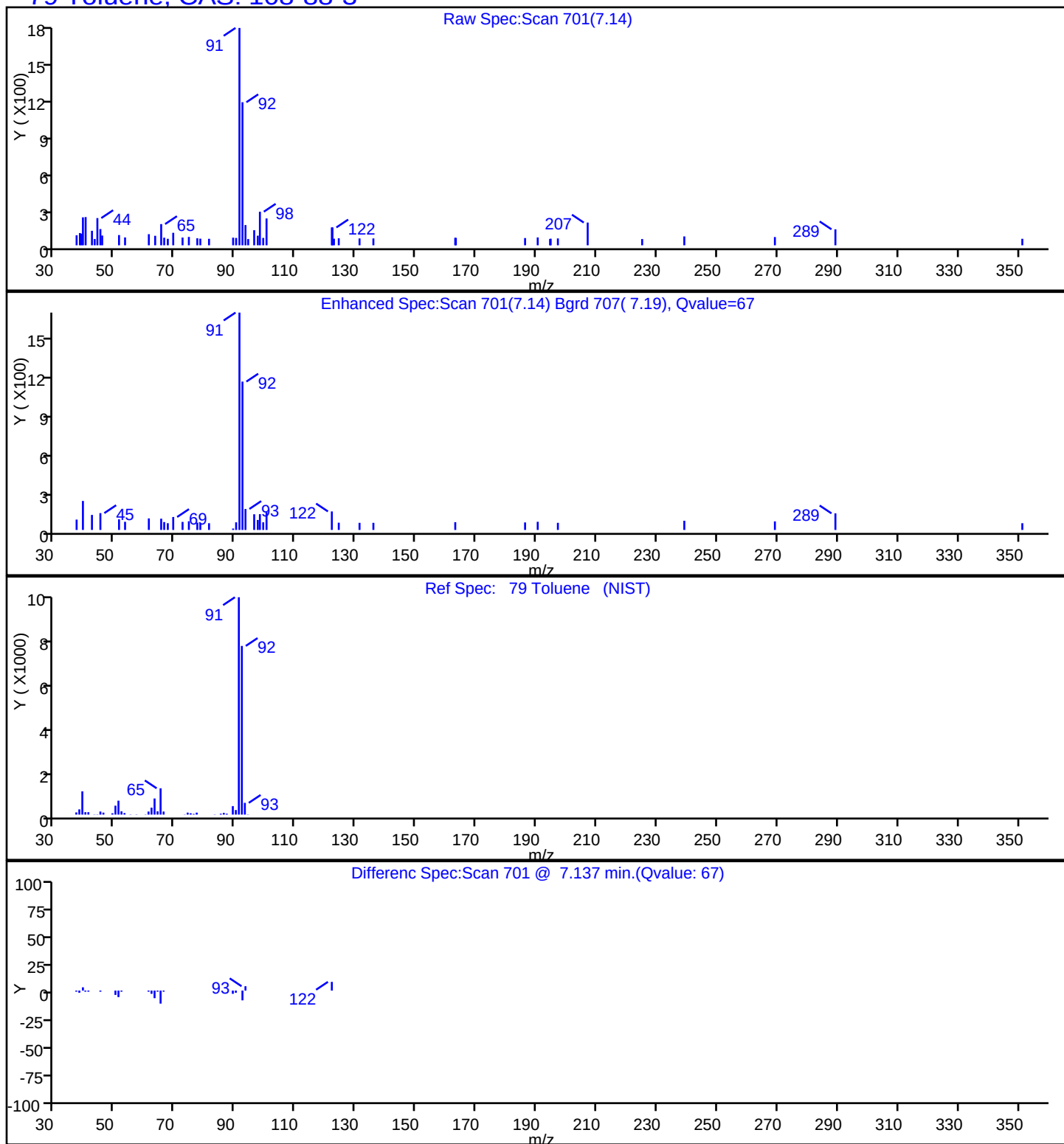
Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

79 Toluene, CAS: 108-88-3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-141953-1</u>
SDG No.: _____	
Client Sample ID: <u>Rinse Blank-2</u>	Lab Sample ID: <u>460-141953-14</u>
Matrix: <u>Water</u>	Lab File ID: <u>F54712.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/26/2017 14:45</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2017 13:45</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>467699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	1.1
75-05-8	Acetonitrile	10	U	10	1.3
71-43-2	Benzene	1.0	U	1.0	0.090
100-44-7	Benzyl chloride	10	U	10	0.15
75-27-4	Bromodichloromethane	50	U	50	0.15
75-25-2	Bromoform	5.0	U	5.0	0.18
74-83-9	Bromomethane	5.0	U	5.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
75-15-0	Carbon disulfide	60	U	60	0.22
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.33
108-90-7	Chlorobenzene	5.0	U	5.0	0.24
75-00-3	Chloroethane	5.0	U	5.0	0.37
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.17
67-66-3	Chloroform	7.0	U	7.0	0.22
74-87-3	Chloromethane	5.0	U	5.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
124-48-1	Dibromochloromethane	50	U	50	0.22
74-95-3	Dibromomethane	5.0	U	5.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.22
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.33
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.14
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.24
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.34
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.18
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	2.2
75-09-2	Methylene Chloride	10		5.0	0.21
80-62-6	Methyl methacrylate	50	U	50	0.21
179601-23-1	m&p-Xylene	0.60	J	10	0.28
95-47-6	o-Xylene	5.0	U	5.0	0.32
100-42-5	Styrene	5.0	U	5.0	0.17
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-141953-1</u>
SDG No.: _____	
Client Sample ID: <u>Rinse Blank-2</u>	Lab Sample ID: <u>460-141953-14</u>
Matrix: <u>Water</u>	Lab File ID: <u>F54712.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/26/2017 14:45</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2017 13:45</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>467699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19
127-18-4	Tetrachloroethene	5.0	U	5.0	0.12
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
79-01-6	Trichloroethene	5.0	U	5.0	0.22
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.36
108-88-3	Toluene	0.34	J	5.0	0.25
108-05-4	Vinyl acetate	5.0	U	5.0	0.48
75-01-4	Vinyl chloride	2.0	U	2.0	0.060
1330-20-7	Xylenes, Total	0.60	J	15	0.28
591-78-6	2-Hexanone	50	U	50	0.72
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.26
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.19
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.12
74-88-4	Iodomethane	5.0	U	5.0	0.19
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18
126-98-7	Methacrylonitrile	10	U	10	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		74-132
460-00-4	4-Bromofluorobenzene	93		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	99		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54712.D
 Lims ID: 460-141953-B-14
 Client ID: Rinse Blank-2
 Sample Type: Client
 Inject. Date: 08-Oct-2017 13:45:30 ALS Bottle#: 10 Worklist Smp#: 11
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: 460-141953-B-14
 Misc. Info.: 460-0061487-011
 Operator ID: Instrument ID: CVOAMS6
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Oct-2017 11:13:05 Calib Date: 03-Oct-2017 09:23:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK005

First Level Reviewer: boykink

Date: 08-Oct-2017 19:23:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.234	3.250	-0.016	94	207497	1000.0	
27 Methylene Chloride	84	3.250	3.250	0.000	94	35601	10.1	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	80	271253	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.770	0.000	97	129403	49.4	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.124	-0.008	96	150106	53.7	
* 61 Fluorobenzene	96	5.387	5.395	-0.008	98	532260	50.0	
* 67 1,4-Dioxane-d8	96	6.085	6.085	0.000	94	23386	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.055	0.000	99	489553	49.7	
79 Toluene	91	7.137	7.129	0.008	91	4510	0.3421	
* 89 Chlorobenzene-d5	117	8.846	8.846	0.000	87	376048	50.0	
93 m-Xylene & p-Xylene	106	9.134	9.134	0.000	96	3516	0.5965	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	89	164186	46.6	
* 116 1,4-Dichlorobenzene-d4	152	10.958	10.950	0.008	96	220435	50.0	
S 131 Xylenes, Total	100				0		0.5965	

Reagents:

VOA6IS/SURR_00004

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS6\\20171008-61487.b\\F54712.D

Injection Date: 08-Oct-2017 13:45:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-141953-B-14

Lab Sample ID: 460-141953-14

Worklist Smp#: 11

Client ID: Rinse Blank-2

Injection Vol: 1.0 uL

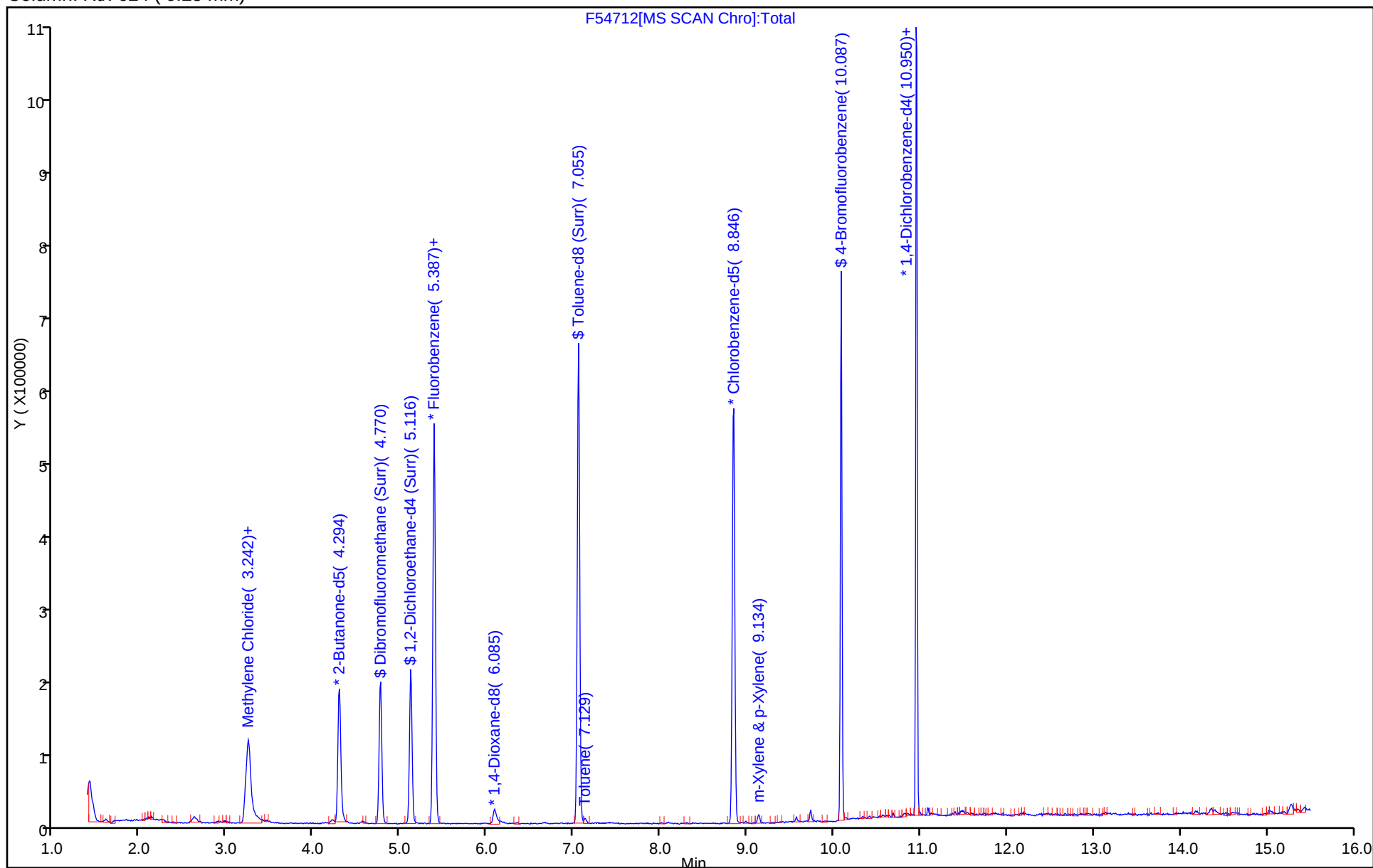
Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54712.D

Injection Date: 08-Oct-2017 13:45:30

Instrument ID: CVOAMS6

Lims ID: 460-141953-B-14

Lab Sample ID: 460-141953-14

Client ID: Rinse Blank-2

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 11

Injection Vol: 1.0 uL

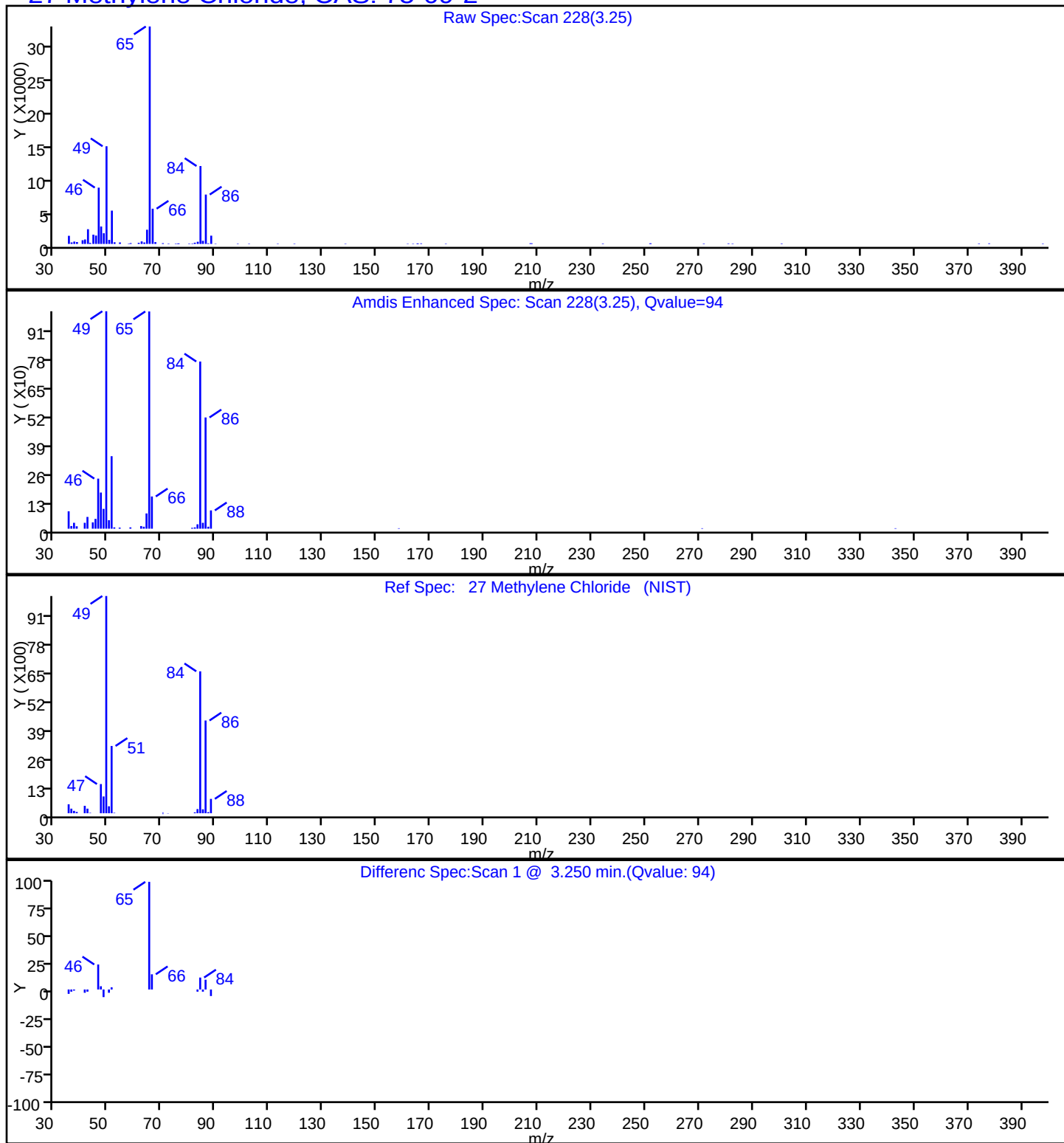
Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

27 Methylene Chloride, CAS: 75-09-2

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54712.D

Injection Date: 08-Oct-2017 13:45:30

Instrument ID: CVOAMS6

Lims ID: 460-141953-B-14

Lab Sample ID: 460-141953-14

Client ID: Rinse Blank-2

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 11

Injection Vol: 1.0 uL

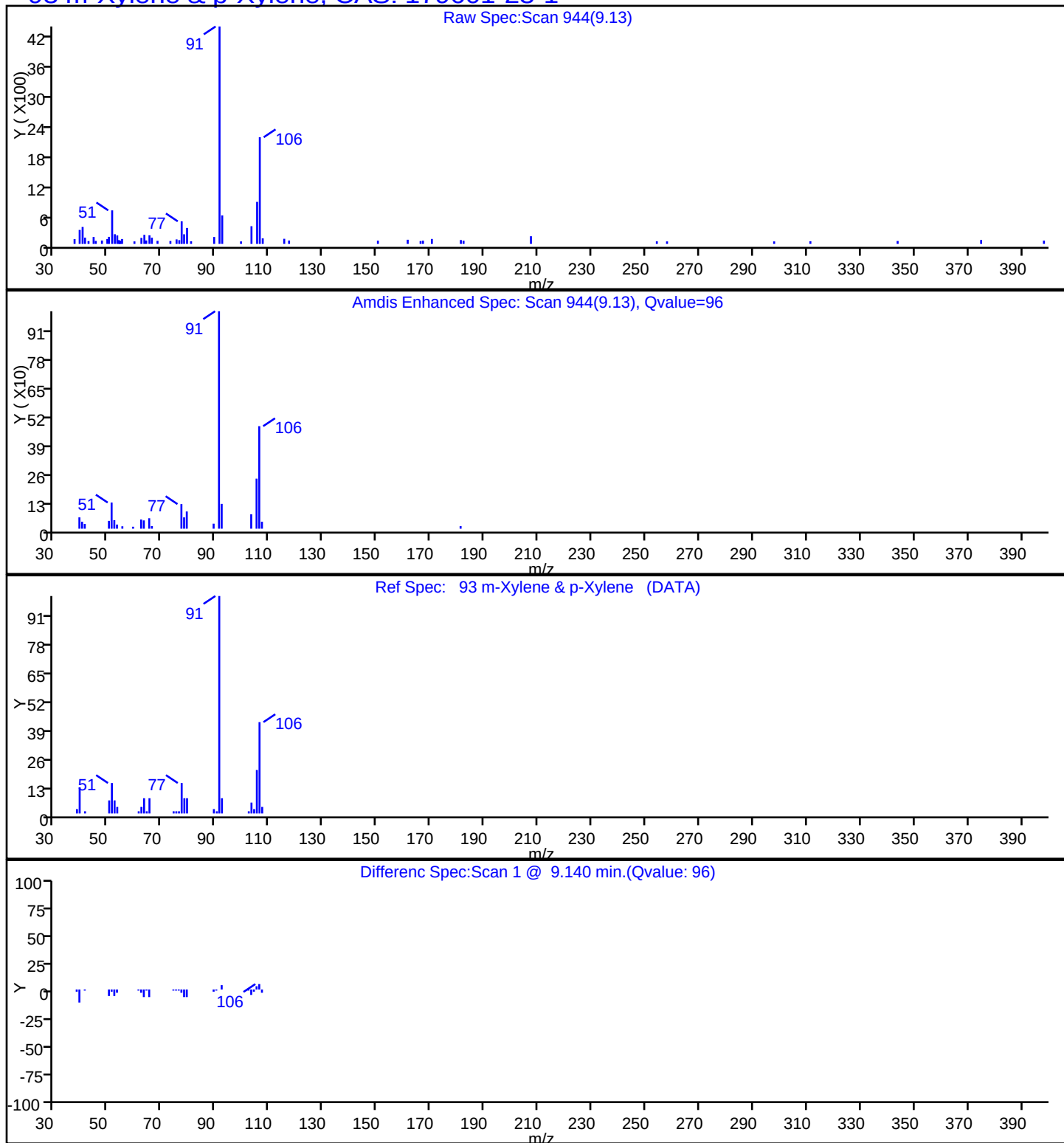
Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

93 m-Xylene & p-Xylene, CAS: 179601-23-1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54712.D

Injection Date: 08-Oct-2017 13:45:30

Instrument ID: CVOAMS6

Lims ID: 460-141953-B-14

Lab Sample ID: 460-141953-14

Client ID: Rinse Blank-2

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 11

Injection Vol: 1.0 uL

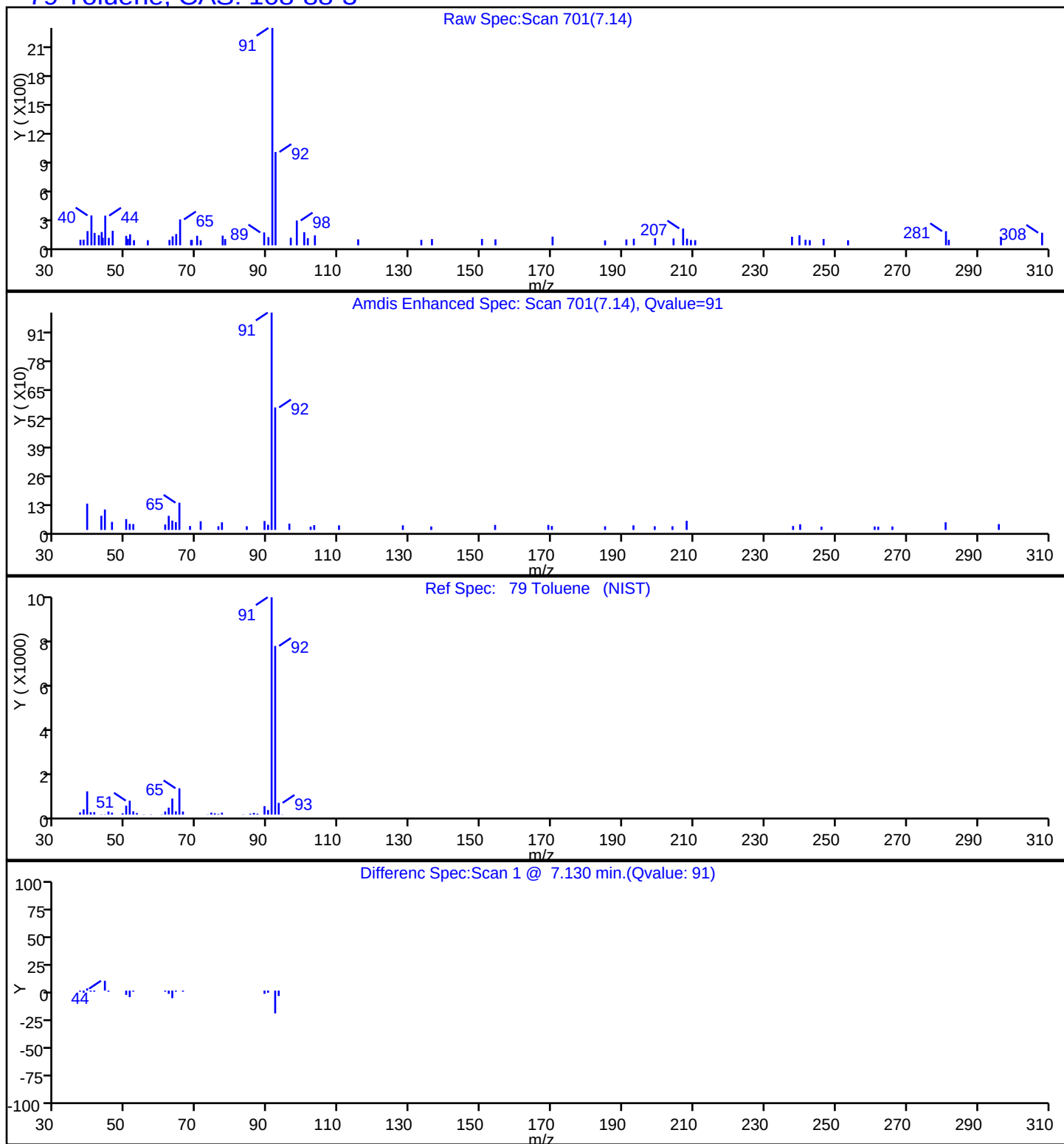
Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

79 Toluene, CAS: 108-88-3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-141953-1</u>
SDG No.: _____	
Client Sample ID: <u>DW-1</u>	Lab Sample ID: <u>460-141953-15</u>
Matrix: <u>Water</u>	Lab File ID: <u>F54724.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/26/2017 13:20</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2017 18:24</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>467699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	1.1
75-05-8	Acetonitrile	10	U	10	1.3
71-43-2	Benzene	1.0	U	1.0	0.090
100-44-7	Benzyl chloride	10	U	10	0.15
75-27-4	Bromodichloromethane	50	U	50	0.15
75-25-2	Bromoform	5.0	U	5.0	0.18
74-83-9	Bromomethane	5.0	U	5.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
75-15-0	Carbon disulfide	60	U	60	0.22
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.33
108-90-7	Chlorobenzene	5.0	U	5.0	0.24
75-00-3	Chloroethane	5.0	U	5.0	0.37
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.17
67-66-3	Chloroform	7.0	U	7.0	0.22
74-87-3	Chloromethane	5.0	U	5.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
124-48-1	Dibromochloromethane	50	U	50	0.22
74-95-3	Dibromomethane	5.0	U	5.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.22
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.33
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.14
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.24
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.34
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.18
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	2.2
75-09-2	Methylene Chloride	5.0	U	5.0	0.21
80-62-6	Methyl methacrylate	50	U	50	0.21
179601-23-1	m&p-Xylene	10	U	10	0.28
95-47-6	o-Xylene	5.0	U	5.0	0.32
100-42-5	Styrene	5.0	U	5.0	0.17
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-141953-1</u>
SDG No.: _____	
Client Sample ID: <u>DW-1</u>	Lab Sample ID: <u>460-141953-15</u>
Matrix: <u>Water</u>	Lab File ID: <u>F54724.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/26/2017 13:20</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2017 18:24</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>467699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19
127-18-4	Tetrachloroethene	5.0	U	5.0	0.12
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
79-01-6	Trichloroethene	5.0	U	5.0	0.22
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.36
108-88-3	Toluene	5.0	U	5.0	0.25
108-05-4	Vinyl acetate	5.0	U	5.0	0.48
75-01-4	Vinyl chloride	2.0	U	2.0	0.060
1330-20-7	Xylenes, Total	15	U	15	0.28
591-78-6	2-Hexanone	50	U	50	0.72
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.26
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.19
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.12
74-88-4	Iodomethane	5.0	U	5.0	0.19
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18
126-98-7	Methacrylonitrile	10	U	10	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		74-132
460-00-4	4-Bromofluorobenzene	92		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	100		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54724.D
 Lims ID: 460-141953-B-15
 Client ID: DW-1
 Sample Type: Client
 Inject. Date: 08-Oct-2017 18:24:30 ALS Bottle#: 22 Worklist Smp#: 23
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: 460-141953-B-15
 Misc. Info.: 460-0061487-023
 Operator ID: Instrument ID: CVOAMS6
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 10-Oct-2017 11:12:05 Calib Date: 03-Oct-2017 09:23:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK005

First Level Reviewer: boykink

Date: 08-Oct-2017 19:56:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.234	3.250	-0.016	94	210045	1000.0	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	80	266478	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.770	0.000	97	122517	49.9	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.115	5.124	-0.009	96	140851	53.8	
* 61 Fluorobenzene	96	5.387	5.395	-0.008	98	498836	50.0	
* 67 1,4-Dioxane-d8	96	6.085	6.085	0.000	94	19955	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.055	0.000	99	449071	49.5	
* 89 Chlorobenzene-d5	117	8.838	8.846	-0.008	87	346332	50.0	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	88	149212	46.0	
* 116 1,4-Dichlorobenzene-d4	152	10.958	10.950	0.008	96	206341	50.0	

Reagents:

VOA6IS/SURR_00004

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54724.D

Injection Date: 08-Oct-2017 18:24:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-141953-B-15

Lab Sample ID: 460-141953-15

Worklist Smp#: 23

Client ID: DW-1

Injection Vol: 1.0 uL

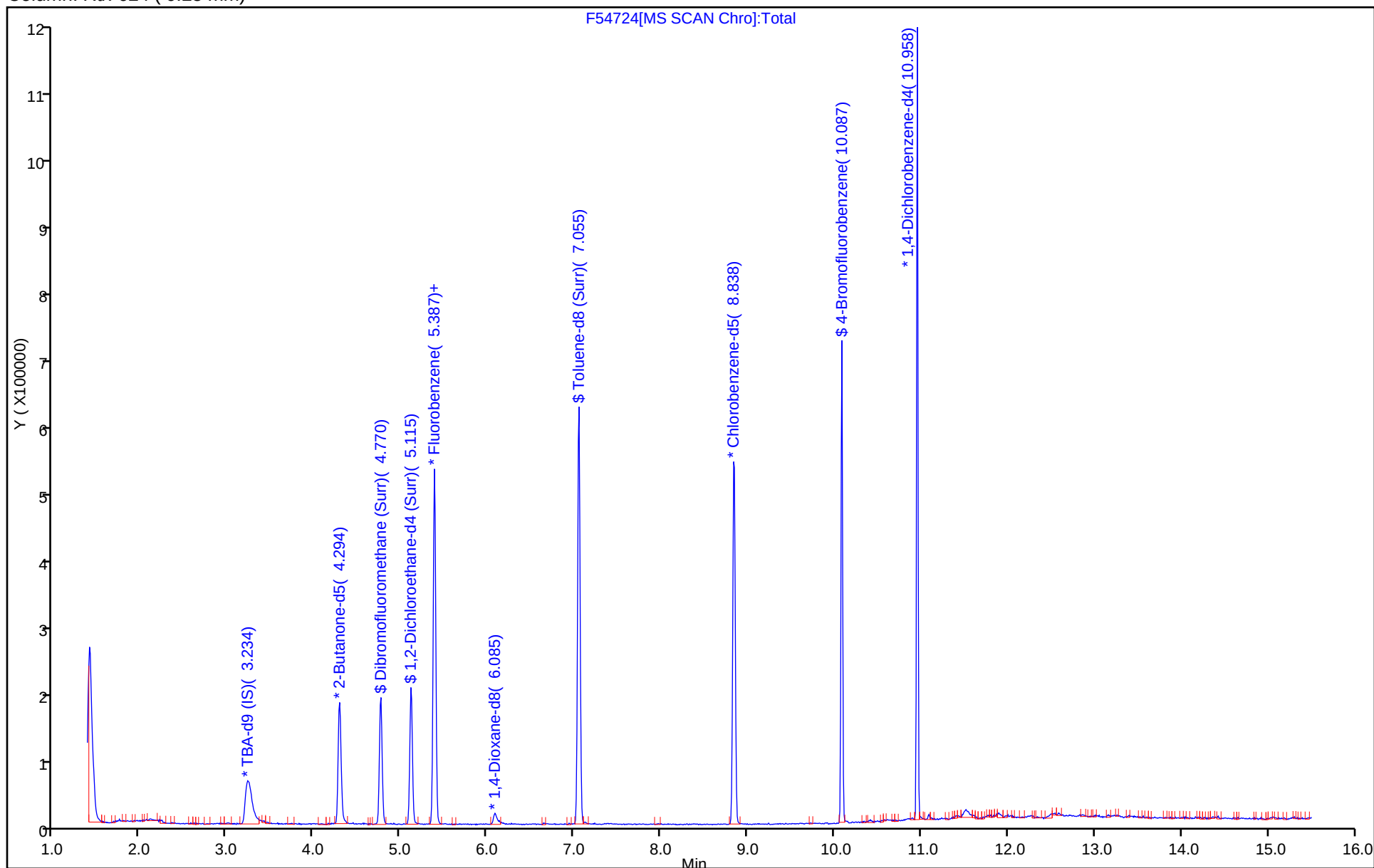
Dil. Factor: 1.0000

ALS Bottle#: 22

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-141953-1 Analy Batch No.: 466502

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2017 02:03 Calibration End Date: 10/03/2017 09:23 Calibration ID: 64284

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-466502/7	F54404.D
Level 2	STD1 460-466502/32	F54414.D
Level 3	STD5 460-466502/8	F54405.D
Level 4	STD20 460-466502/4	F54401.D
Level 5	STD50 460-466502/10	F54407.D
Level 6	STD200 460-466502/11	F54408.D
Level 7	STD500 460-466502/12	F54409.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
Chlorotrifluoroethene	+++++ 0.0592	0.0687 0.0559	0.0757	0.0576	0.0665	Ave		0.0639				12.0		20.0			
Dichlorodifluoromethane	+++++ 0.4411	0.3449 0.3770	0.3907	0.4314	0.4628	Ave		0.4080			0.1000	10.9		20.0			
Chloromethane	+++++ 0.3519	0.3372 0.2979	0.3901	0.3783	0.4088	Ave		0.3607			0.1000	11.1		20.0			
Vinyl chloride	+++++ 0.3491	0.3513 0.2984	0.3621	0.3675	0.3752	Ave		0.3506			0.1000	7.8		20.0			
Butadiene	+++++ 0.2955	0.1852 0.2636	0.3024	0.3024	0.3102	Lin2	-0.109	0.2997							0.9950		0.9900
Bromomethane	+++++ 0.2011	0.2103 0.1763	0.2390	0.2426	0.2366	Ave		0.2177			0.1000	12.1		20.0			
Chloroethane	+++++ 0.1805	0.1809 0.1510	0.1989	0.1943	0.1931	Ave		0.1831			0.1000	9.5		20.0			
Dichlorofluoromethane	+++++ 0.4880	0.4876 0.4313	0.5589	0.5348	0.5330	Ave		0.5056				9.1		20.0			
Trichlorofluoromethane	+++++ 0.4045	0.2881 0.3634	0.3906	0.4584	0.4297	Ave		0.3891			0.1000	15.2		20.0			
Pentane	+++++ 0.0402	0.0598 0.0337	0.0525	0.0442	0.0458	Ave		0.0461				19.9		20.0			
Ethanol	+++++ 0.0643	0.0777 +++++	0.0887	0.0588	0.0712	Ave		0.0722				16.2		20.0			
Ethyl ether	+++++ 0.2416	0.3173 0.2245	0.2858	0.2547	0.2559	Ave		0.2633				12.6		20.0			
2-Methyl-1,3-butadiene	+++++ 0.2170	0.2854 0.1932	0.2708	0.2220	0.2226	Ave		0.2352				15.0		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2083	0.2281 0.2038	0.2656	0.2349	0.2291	Ave		0.2283				9.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-141953-1 Analy Batch No.: 466502
SDG No.: _____
Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 10/03/2017 02:03 Calibration End Date: 10/03/2017 09:23 Calibration ID: 64284

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrolein	++++ 2.4568	2.5430 2.0352	2.6618	2.6790	2.7069	Ave		2.5138				10.1		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.1701	0.2164 0.1766	0.2414	0.2057	0.1918	Ave		0.2003			0.1000	13.3		20.0			
1,1-Dichloroethene	++++ 0.2559	0.2891 0.2466	0.3243	0.2767	0.2810	Ave		0.2789			0.1000	9.8		20.0			
Acetone	++++ 0.8269	1.0853 0.6797	0.8955	0.8651	0.8208	Ave		0.8622			0.0500	15.3		20.0			
Iodomethane	++++ 0.4827	0.4985 0.4653	0.4817	0.4917	0.5127	Ave		0.4887				3.3		20.0			
Isopropyl alcohol	++++ 0.6583	0.7031 ++++	0.5790	0.6805	0.7812	Ave		0.6804				10.8		20.0			
Carbon disulfide	++++ 0.8164	1.0302 0.8042	1.0116	0.8540	0.9148	Ave		0.9052			0.1000	10.8		20.0			
Allyl chloride	++++ 0.4845	0.6224 0.4113	0.5770	0.5117	0.5440	Ave		0.5251				14.1		20.0			
Methyl acetate	++++ 0.1874	0.2349 0.1706	0.2170	0.2021	0.1962	Ave		0.2014			0.1000	11.2		20.0			
Cyclopentene	++++ 0.6212	0.7695 0.5601	0.7981	0.6824	0.6973	Ave		0.6881				13.0		20.0			
Acetonitrile	++++ 0.0440	0.0519 0.0353	0.0510	0.0420	0.0440	Ave		0.0447				13.8		20.0			
Methylene Chloride	++++ 0.3083	0.3810 0.2946	0.3488	0.3317	0.3303	Ave		0.3325			0.1000	9.2		20.0			
2-Methyl-2-propanol	++++ 1.3187	1.6788 1.0012	1.6259	1.2752	1.4241	Ave		1.3873				17.9		20.0			
Methyl tert-butyl ether	++++ 0.7786	0.9574 0.7332	0.9106	0.8567	0.7693	Ave		0.8343			0.1000	10.6		20.0			
trans-1,2-Dichloroethene	++++ 0.2891	0.3158 0.2666	0.3461	0.3206	0.3175	Ave		0.3093			0.1000	8.9		20.0			
Acrylonitrile	0.1296 0.1077	0.1312 0.0975	0.1252	0.1177	0.1117	Ave		0.1172				10.6		20.0			
Hexane	++++ 0.2236	0.2982 0.2000	0.2823	0.2328	0.2392	Ave		0.2460				15.1		20.0			
Isopropyl ether	++++ 0.8686	1.0725 0.7754	1.0348	0.9359	0.9079	Ave		0.9325				11.7		20.0			
1,1-Dichloroethane	++++ 0.4986	0.6375 0.4430	0.6116	0.5470	0.5360	Ave		0.5456			0.2000	13.1		20.0			
Vinyl acetate	++++ 0.0528	0.0722 0.0493	0.0581	0.0488	0.0520	Ave		0.0555				15.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-141953-1 Analy Batch No.: 466502
SDG No.: _____
Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 10/03/2017 02:03 Calibration End Date: 10/03/2017 09:23 Calibration ID: 64284

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chloro-1,3-butadiene	++++ 0.2732	0.3198 0.2578	0.2930	0.2882	0.2905	Ave		0.2871				7.3		20.0			
Tert-butyl ethyl ether	++++ 0.8317	0.9763 0.7624	0.9730	0.9040	0.8242	Ave		0.8786				9.9		20.0			
2,2-Dichloropropane	++++ 0.0771	0.1132 0.0704	0.1031	0.0915	0.0890	Ave		0.0907				17.5		20.0			
cis-1,2-Dichloroethene	++++ 0.3293	0.4466 0.3079	0.3978	0.3612	0.3544	Ave		0.3662			0.1000	13.6		20.0			
Ethyl acetate	++++ 0.3177	0.4491 0.2987	0.3145	0.2915	0.3123	Lin2	0.2926	0.2995							0.9980		0.9900
2-Butanone (MEK)	++++ 0.3285	0.4007 0.3032	0.3549	0.3503	0.3437	Ave		0.3469			0.0500	9.3		20.0			
Methyl acrylate	++++ 0.3443	0.3803 0.3528	0.3060	0.3228	0.3228	Ave		0.3382				7.9		20.0			
Propionitrile	++++ 0.0385	0.0445 0.0367	0.0440	0.0407	0.0395	Ave		0.0407				7.6		20.0			
Chlorobromomethane	++++ 0.1619	0.1938 0.1510	0.1853	0.1773	0.1677	Ave		0.1728				9.1		20.0			
Tetrahydrofuran	++++ 0.3673	0.5324 0.3234	0.4633	0.3996	0.3947	Ave		0.4134				17.9		20.0			
Methacrylonitrile	++++ 0.1113	0.1237 0.0987	0.1217	0.1193	0.1155	Ave		0.1150				8.0		20.0			
Chloroform	++++ 0.4891	0.5521 0.4506	0.5724	0.5396	0.5283	Ave		0.5220			0.2000	8.6		20.0			
Cyclohexane	++++ 0.2918	0.4088 0.2698	0.4126	0.3653	0.3499	Ave		0.3497			0.1000	16.9		20.0			
1,1,1-Trichloroethane	++++ 0.3441	0.4986 0.3165	0.4348	0.3943	0.3975	Ave		0.3976			0.1000	16.3		20.0			
Carbon tetrachloride	++++ 0.3200	0.3949 0.3029	0.4015	0.3699	0.3662	Ave		0.3592			0.1000	11.1		20.0			
1,1-Dichloropropene	++++ 0.3818	0.4992 0.3655	0.4499	0.4055	0.3983	Ave		0.4167				11.9		20.0			
Isobutyl alcohol	++++ 0.6727	0.8701 ++++	0.7954	0.7465	0.8200	Ave		0.7810				9.6		20.0			
Benzene	++++ 1.6308	1.9182 1.5675	1.8740	1.7604	1.7458	Ave		1.7494			0.5000	7.7		20.0			
Isopropyl acetate	++++ 0.7841	0.8431 0.7415	0.8367	0.7927	0.7749	Ave		0.7955				4.9		20.0			
Tert-amyl methyl ether	++++ 0.9395	0.9435 0.8631	1.0637	1.0237	0.9552	Ave		0.9648				7.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-141953-1 Analy Batch No.: 466502
SDG No.: _____
Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 10/03/2017 02:03 Calibration End Date: 10/03/2017 09:23 Calibration ID: 64284

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloroethane	++++ 0.3505	0.4529 0.3355	0.3955	0.3642	0.3504	Ave		0.3748			0.1000	11.6		20.0			
n-Heptane	++++ 0.1996	0.1727 0.1872	0.2126	0.1880	0.2021	Ave		0.1937				7.2		20.0			
n-Butanol	++++ 0.3468	0.3332 0.2545	0.3087	0.3195	0.3822	Ave		0.3242				13.1		20.0			
Trichloroethene	++++ 0.2941	0.3170 0.2671	0.3097	0.2987	0.3002	Ave		0.2978			0.2000	5.8		20.0			
Ethyl acrylate	++++ 0.5861	0.6948 0.5210	0.6939	0.6209	0.6222	Ave		0.6232				10.6		20.0			
Methylcyclohexane	++++ 0.3781	0.5186 ++++	0.5292	0.4493	0.4491	Ave		0.4649			0.1000	13.2		20.0			
1,2-Dichloropropane	++++ 0.2917	0.2883 0.2589	0.3336	0.2845	0.2935	Ave		0.2917			0.1000	8.3		20.0			
Methyl methacrylate	++++ 0.0725	0.0802 0.0684	0.0646	0.0666	0.0678	Ave		0.0700				8.0		20.0			
1,4-Dioxane	++++ 1.1130	1.3540 ++++	1.6390	1.4462	1.3041	Ave		1.3713				14.1		20.0			
n-Propyl acetate	++++ 0.3217	0.3432 0.3127	0.3110	0.3117	0.3240	Ave		0.3207				3.8		20.0			
Dibromomethane	++++ 0.1756	0.1785 0.1571	0.1808	0.1749	0.1694	Ave		0.1727				5.0		20.0			
Bromodichloromethane	++++ 0.3670	0.4031 0.3325	0.3785	0.3599	0.3634	Ave		0.3674			0.2000	6.3		20.0			
2-Chloroethyl vinyl ether	++++ 0.1688	0.1616 0.1593	0.1518	0.1605	0.1594	Ave		0.1602				3.4		20.0			
2-Nitropropane	++++ 0.0579	0.0792 ++++	0.0596	0.0563	0.0520	Ave		0.0610				17.3		20.0			
Epichlorohydrin	0.3311 0.2621	0.2626 0.2206	0.2950	0.2782	0.2903	Ave		0.2771				12.4		20.0			
cis-1,3-Dichloropropene	++++ 0.6794	0.7063 0.6409	0.6345	0.6303	0.6457	Ave		0.6562			0.2000	4.6		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 2.5638	3.0485 2.0795	2.6722	2.5739	2.7656	Ave		2.6172			0.0500	12.1		20.0			
Toluene	++++ 1.6971	1.9570 1.5380	1.8235	1.7482	1.7536	Ave		1.7529			0.4000	7.9		20.0			
trans-1,3-Dichloropropene	++++ 0.5737	0.5950 0.5540	0.5396	0.5619	0.5585	Ave		0.5638			0.1000	3.3		20.0			
Ethyl methacrylate	++++ 0.5250	0.5585 0.4951	0.4984	0.4814	0.5079	Ave		0.5110				5.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-141953-1 Analy Batch No.: 466502
SDG No.: _____
Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 10/03/2017 02:03 Calibration End Date: 10/03/2017 09:23 Calibration ID: 64284

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,2-Trichloroethane	++++ 0.2943	0.3079 0.2829	0.2973	0.3098	0.2944	Ave		0.2978			0.1000	3.3		20.0			
Tetrachloroethene	++++ 0.4446	0.5396 0.4262	0.4588	0.4528	0.4583	Ave		0.4634			0.2000	8.5		20.0			
1,3-Dichloropropane	++++ 0.5798	0.6221 0.5614	0.6011	0.5721	0.5704	Ave		0.5845				3.9		20.0			
2-Hexanone	++++ 1.6576	1.8845 1.3987	1.7104	1.6581	1.7217	Ave		1.6718			0.0500	9.4		20.0			
n-Butyl acetate	++++ 0.5634	0.5783 0.5382	0.6156	0.5431	0.5536	Ave		0.5653				5.0		20.0			
Dibromochloromethane	++++ 0.4247	0.4092 0.4088	0.4471	0.4085	0.4191	Ave		0.4196			0.1000	3.6		20.0			
1,2-Dibromoethane	++++ 0.3454	0.3667 0.3337	0.3843	0.3590	0.3504	Ave		0.3566			0.1000	5.0		20.0			
Chlorobenzene	++++ 1.1336	1.3121 1.0431	1.2229	1.1351	1.1614	Ave		1.1681			0.5000	7.8		20.0			
Ethylbenzene	++++ 0.6104	0.7220 0.5551	0.6836	0.6353	0.6434	Ave		0.6416			0.1000	9.0		20.0			
1,1,1,2-Tetrachloroethane	++++ 0.4392	0.4905 0.4009	0.4445	0.4565	0.4597	Ave		0.4485				6.6		20.0			
m&p-Xylene	++++ 0.7549	0.8479 0.6867	0.8274	0.7920	0.7932	Ave		0.7837			0.1000	7.3		20.0			
n-Butyl acrylate	++++ 0.3358	0.3326 0.3086	0.3158	0.3311	0.3389	Ave		0.3271				3.7		20.0			
o-Xylene	++++ 0.7626	0.9277 0.6650	0.8716	0.8197	0.8310	Ave		0.8129			0.3000	11.2		20.0			
Styrene	++++ 1.2818	1.3006 1.1304	1.3972	1.3487	1.3689	Ave		1.3046			0.3000	7.3		20.0			
Amyl acetate (mixed isomers)	++++ 1.2506	1.2135 1.1727	1.2240	1.1695	1.2299	Ave		1.2100				2.7		20.0			
Bromoform	++++ 0.3108	0.2988 0.2979	0.3149	0.3128	0.3190	Ave		0.3090			0.1000	2.8		20.0			
Isopropylbenzene	++++ 1.8646	2.2472 1.5676	2.2171	2.1234	2.1124	Ave		2.0220			0.1000	12.9		20.0			
Bromobenzene	++++ 0.8464	1.0757 0.8014	0.8987	0.8535	0.8576	Ave		0.8889				10.9		20.0			
1,1,2,2-Tetrachloroethane	++++ 0.7656	0.7887 0.7140	0.8438	0.7576	0.7939	Ave		0.7773			0.3000	5.6		20.0			
N-Propylbenzene	++++ 3.4358	4.2397 2.8034	4.0383	3.6150	3.7292	Ave		3.6436				13.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-141953-1 Analy Batch No.: 466502
SDG No.: _____
Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 10/03/2017 02:03 Calibration End Date: 10/03/2017 09:23 Calibration ID: 64284

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichloropropane	++++ 0.2337	0.3268 ++++	0.2632	0.2277	0.2342	Ave		0.2571				16.1		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.2278	0.2280 0.2167	0.2049	0.1916	0.2121	Ave		0.2135				6.6		20.0			
2-Chlorotoluene	++++ 2.4624	2.9758 2.0671	2.8508	2.5929	2.6521	Ave		2.6002				12.3		20.0			
4-Ethyltoluene	++++ 2.9548	3.6137 2.4278	3.3930	3.1412	3.1998	Ave		3.1217				13.1		20.0			
1,3,5-Trimethylbenzene	++++ 2.6317	3.1491 2.2069	2.9205	2.6824	2.7970	Ave		2.7313				11.6		20.0			
4-Chlorotoluene	++++ 2.3247	2.9252 2.0261	2.6971	2.4018	2.4887	Ave		2.4773				12.5		20.0			
Butyl Methacrylate	++++ 1.0476	0.9149 0.9303	1.0026	0.9667	1.0381	Ave		0.9834				5.6		20.0			
tert-Butylbenzene	++++ 2.1856	2.5091 1.8355	2.3340	2.1815	2.2690	Ave		2.2191				10.1		20.0			
1,2,4-Trimethylbenzene	++++ 2.6912	3.3186 2.2101	3.0401	2.8575	2.9471	Ave		2.8441				13.2		20.0			
sec-Butylbenzene	++++ 3.0547	3.8883 2.4552	3.5002	3.1983	3.2848	Ave		3.2302				14.8		20.0			
4-Isopropyltoluene	++++ 2.6631	3.3094 2.0746	3.0413	2.9108	2.9339	Ave		2.8222				14.9		20.0			
1,3-Dichlorobenzene	++++ 1.5604	1.8273 1.2886	1.7501	1.6714	1.6974	Ave		1.6326			0.6000	11.7		20.0			
1,4-Dichlorobenzene	++++ 1.6038	1.9833 1.3718	1.8415	1.6961	1.7509	Ave		1.7079			0.5000	12.3		20.0			
1,2,3-Trimethylbenzene	++++ 2.7779	3.3018 2.2163	3.2902	3.0270	3.1252	Ave		2.9564				13.9		20.0			
Benzyl chloride	++++ 1.8571	1.8544 1.6477	1.8271	1.7586	1.8319	Ave		1.7961				4.5		20.0			
Indan	++++ 2.7522	3.4025 2.2345	3.1969	3.0277	3.0690	Ave		2.9471				13.9		20.0			
p-Diethylbenzene	++++ 1.5565	1.8500 1.2671	1.7727	1.6331	1.6607	Ave		1.6234				12.5		20.0			
n-Butylbenzene	++++ 1.3937	1.6835 1.1279	1.5330	1.4792	1.4656	Ave		1.4471				12.7		20.0			
1,2-Dichlorobenzene	++++ 1.5593	1.9640 1.3610	1.7522	1.6661	1.6778	Ave		1.6634			0.4000	12.0		20.0			
1,2,4,5-Tetramethylbenzene	++++ 2.6089	3.2236 1.9995	2.9776	2.8391	2.8853	Ave		2.7557				15.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-141953-1 Analy Batch No.: 466502
SDG No.: _____
Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 10/03/2017 02:03 Calibration End Date: 10/03/2017 09:23 Calibration ID: 64284

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dibromo-3-Chloropropane	++++ 0.1400	0.1968 0.1306	0.1621	0.1444	0.1388	Ave		0.1521			0.0500	15.9		20.0			
1,3,5-Trichlorobenzene	++++ 1.1498	1.4713 0.9480	1.3514	1.2424	1.2262	Ave		1.2315				14.5		20.0			
1,2,4-Trichlorobenzene	++++ 1.0790	1.4179 0.8809	1.2252	1.1964	1.1394	Ave		1.1565			0.2000	15.3		20.0			
Hexachlorobutadiene	++++ 0.5503	0.7083 0.4653	0.5786	0.5711	0.5502	Ave		0.5706				13.8		20.0			
Naphthalene	++++ 2.3909	2.9880 1.9719	2.5661	2.7019	2.4273	Ave		2.5077				13.6		20.0			
1,2,3-Trichlorobenzene	++++ 0.9785	1.3538 0.8040	1.1227	1.1315	0.9790	Ave		1.0616				17.6		20.0			
Dibromofluoromethane (Surr)	0.2450 0.2376	0.2468 0.2400	0.2553	0.2530	0.2465	Ave		0.2463				2.6		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2561 0.2586	0.2629 0.2706	0.2651	0.2647	0.2605	Ave		0.2626				1.8		20.0			
Toluene-d8 (Surr)	1.2683 1.3326	1.2976 1.3416	1.3038	1.3079	1.3154	Ave		1.3096				1.8		20.0			
4-Bromofluorobenzene	0.4702 0.4510	0.4697 0.4472	0.4821	0.4873	0.4697	Ave		0.4682				3.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-141953-1 Analy Batch No.: 466502

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2017 02:03 Calibration End Date: 10/03/2017 09:23 Calibration ID: 64284

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-466502/7	F54404.D
Level 2	STD1 460-466502/32	F54414.D
Level 3	STD5 460-466502/8	F54405.D
Level 4	STD20 460-466502/4	F54401.D
Level 5	STD50 460-466502/10	F54407.D
Level 6	STD200 460-466502/11	F54408.D
Level 7	STD500 460-466502/12	F54409.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 103902	588 267990	3022	9183	27361	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 852116	2952 1989687	15606	68759	190378	+++++ 220	1.00 550	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 679783	2886 1572114	15581	60287	168163	+++++ 220	1.00 550	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 674377	3007 1574705	14462	58565	154355	+++++ 220	1.00 550	5.00	20.0	50.0
Butadiene	FB	Lin2	+++++ 570985	1585 1390939	12076	48188	127606	+++++ 220	1.00 550	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 388553	1800 930333	9547	38663	97330	+++++ 220	1.00 550	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 348681	1548 796989	7942	30966	79422	+++++ 220	1.00 550	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 942831	4173 2276053	22321	85237	219257	+++++ 220	1.00 550	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 781504	2466 1917979	15601	73048	176779	+++++ 220	1.00 550	5.00	20.0	50.0
Pentane	FB	Ave	+++++ 141290	1024 323577	4196	14090	37721	+++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd 9	Ave	+++++ 92316	540 +++++	3003	7373	21664	+++++ 8000	40.0 +++++	200	800	2000
Ethyl ether	FB	Ave	+++++ 424303	2716 1076875	11415	40599	105259	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 381064	2443 926793	10814	35378	91592	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 365869	1952 977918	10609	37440	94259	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd 9	Ave	+++++ 88134	1768 181758	9007	16787	41187	+++++ 200	4.00 400	20.0	40.0	100

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-141953-1 Analy Batch No.: 466502

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2017 02:03 Calibration End Date: 10/03/2017 09:23 Calibration ID: 64284

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 298778	1852 847045	9643	32777	78896	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	++++ 449502	2474 1182932	12951	44104	115614	++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	++++ 695667	4271 1630925	16486	63509	150295	++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	++++ 847835	4266 2232213	19237	78356	210921	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd 9	Ave	++++ 236155	1222 ++++	4898	21320	59435	++++ 2000	10.0 ++++	50.0	200	500
Carbon disulfide	FB	Ave	++++ 1433810	8817 3858277	40402	136103	376331	++++ 200	1.00 500	5.00	20.0	50.0
Allyl chloride	FB	Ave	++++ 850851	5327 1973177	23046	81547	223796	++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	++++ 1645826	10053 4091479	43333	161016	403664	++++ 1000	5.00 2500	25.0	100	250
Cyclopentene	FB	Ave	++++ 1091032	6586 2686929	31877	108753	286875	++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	FB	Ave	++++ 772401	4445 1691325	20377	66907	181017	++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	++++ 541531	3261 1413222	13930	52857	135906	++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd 9	Ave	++++ 473054	2918 1117634	13754	39952	108347	++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	++++ 1367473	8194 3517626	36369	136538	316486	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	++++ 507821	2703 1278880	13821	51099	130626	++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	1997 1891932	11226 4678665	49991	187502	459606	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	++++ 392792	2552 959533	11274	37108	98412	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	++++ 1525620	9179 3719757	41328	149155	373526	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	++++ 875709	5456 2125143	24428	87182	220529	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	++++ 185629	1235 473240	4644	15564	42786	++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	++++ 479909	2737 1236602	11702	45931	119524	++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	++++ 1460793	8356 3657529	38859	144068	339066	++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-141953-1 Analy Batch No.: 466502

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2017 02:03 Calibration End Date: 10/03/2017 09:23 Calibration ID: 64284

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2,2-Dichloropropane	FB	Ave	++++ 135437	969 337657	4116	14578	36623	++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	++++ 578313	3822 1477214	15888	57561	145808	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acetate	BUT	Lin2	++++ 106920	707 286729	2316	8559	22875	++++ 400	2.00 1000	10.0	40.0	100
2-Butanone (MEK)	BUT	Ave	++++ 276372	1577 727630	6534	25713	62930	++++ 1000	5.00 2500	25.0	100	250
Methyl acrylate	CBNZ d5	Ave	++++ 421896	2254 1129102	8444	35062	91245	++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	FB	Ave	++++ 675664	3809 1762470	17562	64857	162618	++++ 2000	10.0 5000	50.0	200	500
Chlorobromomethane	FB	Ave	++++ 284372	1659 724398	7402	28253	68983	++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	++++ 123602	838 310428	3412	11733	28909	++++ 400	2.00 1000	10.0	40.0	100
Methacrylonitrile	FB	Ave	++++ 1954389	10583 4734600	48615	190063	475067	++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	++++ 858997	4725 2161690	22862	85992	217359	++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	++++ 512486	3499 1294459	16478	58224	143948	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	++++ 604297	4267 1518239	17367	62847	163526	++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	++++ 561948	3380 1453018	16036	58959	150657	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	++++ 670568	4272 1753505	17967	64622	163869	++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd 9	Ave	++++ 603335	3781 ++++	16821	58471	155964	++++ 5000	25.0 ++++	125	500	1250
Benzene	CBNZ d5	Ave	++++ 1998065	11368 5016641	51714	191188	493511	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	++++ 1377192	7216 3557348	33418	126329	318811	++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	++++ 1650092	8075 4140842	42485	163152	392990	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	++++ 615508	3876 1609719	15797	58040	144139	++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	++++ 350604	1478 898012	8490	29955	83129	++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd 9	Ave	++++ 311059	1448 710378	6529	25025	72700	++++ 5000	25.0 12500	125	500	1250

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-141953-1 Analy Batch No.: 466502

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2017 02:03 Calibration End Date: 10/03/2017 09:23 Calibration ID: 64284

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Trichloroethene	FB	Ave	++++ 516578	2713 1281564	12368	47596	123500	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	++++ 1029429	5946 2499407	27714	98960	255981	++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	++++ 664128	4438 ++++	21136	71612	184778	++++ 200	1.00 ++++	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	++++ 512241	2467 1241847	13324	45334	120755	++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	++++ 254539	1372 656150	5163	21231	55787	++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	++++ 87144	1135 ++++	2598	7770	22541	++++ 4000	50.0 ++++	100	400	1000
n-Propyl acetate	FB	Ave	++++ 565069	2937 1500344	12422	49673	133306	++++ 200	1.00 500	5.00	20.0	50.0
Dibromomethane	FB	Ave	++++ 308400	1528 753500	7220	27878	69689	++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	++++ 644535	3450 1595211	15118	57356	149487	++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	++++ 296538	1383 764192	6063	25574	65560	++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	++++ 203269	1356 ++++	4763	17940	42812	++++ 400	2.00 ++++	10.0	40.0	100
Epichlorohydrin	BUT	Ave	1198 882061	4134 2117408	21724	81692	212601	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 832381	4186 2051048	17510	68452	182537	++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 2156943	11997 4989882	49197	188943	506385	++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	++++ 2079342	11598 4922254	50321	189865	495723	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 702930	3526 1773038	14891	61030	157876	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	CBNZ d5	Ave	++++ 643192	3310 1584554	13753	52283	143575	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 360532	1825 905433	8205	33647	83233	++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	++++ 544678	3198 1364108	12660	49182	129558	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 710373	3687 1796678	16588	62137	161256	++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	++++ 1394511	7416 3356217	31490	121722	315255	++++ 1000	5.00 2500	25.0	100	250

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-141953-1 Analy Batch No.: 466502

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2017 02:03 Calibration End Date: 10/03/2017 09:23 Calibration ID: 64284

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
n-Butyl acetate	CBNZ d5	Ave	++++ 690269	3427 1722439	16987	58981	156502	++++ 200	1.00 500	5.00	20.0	50.0
Dibromochloromethane	CBNZ d5	Ave	++++ 520378	2425 1308284	12338	44371	118473	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromoethane	CBNZ d5	Ave	++++ 423225	2173 1067887	10604	38992	99043	++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	++++ 1388943	7776 3338362	33748	123284	328322	++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	++++ 747901	4279 1776470	18864	69000	181882	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 538157	2907 1282950	12266	49578	129940	++++ 200	1.00 500	5.00	20.0	50.0
m&p-Xylene	CBNZ d5	Ave	++++ 924939	5025 2197844	22833	86019	224237	++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	++++ 411418	1971 987818	8715	35958	95805	++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	++++ 934341	5498 2128243	24052	89026	234920	++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	++++ 1570467	7708 3617871	38558	146478	386960	++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	++++ 952753	4482 2236079	22012	86598	228400	++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Ave	++++ 380830	1771 953276	8690	33970	90180	++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	++++ 2284498	13318 5017146	61182	230611	597158	++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	++++ 644796	3973 1527994	16162	63200	159256	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	++++ 583279	2913 1361378	15174	56100	147438	++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	++++ 2617521	15659 5345449	72624	267675	692516	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	++++ 178047	1207 ++++	4733	16857	43491	++++ 200	1.00 ++++	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	++++ 173571	842 413156	3684	14186	39389	++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	++++ 1875930	10991 3941403	51269	191995	492496	++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	++++ 2251076	13347 4629235	61019	232590	594203	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	++++ 2004890	11631 4208008	52522	198618	519407	++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-141953-1 Analy Batch No.: 466502

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2017 02:03 Calibration End Date: 10/03/2017 09:23 Calibration ID: 64284

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
4-Chlorotoluene	DCBd 4	Ave	++++ 1771022	10804 3863159	48505	177843	462161	++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Ave	++++ 798093	3379 1773904	18031	71576	192769	++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	++++ 1665040	9267 3499729	41975	161531	421352	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 2050203	12257 4214035	54673	211582	547275	++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	++++ 2327171	14361 4681439	62946	236822	609990	++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 2028834	12223 3955695	54695	215534	544839	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 1188793	6749 2456986	31474	123762	315218	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 1221798	7325 2615588	33118	125589	325145	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 2116245	12195 4225990	59171	224133	580361	++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	++++ 1414797	6849 3141798	32858	130214	340182	++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	++++ 2096700	12567 4260553	57492	224183	569917	++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	++++ 1185798	6833 2416088	31879	120924	308398	++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	++++ 1061773	6218 2150629	27569	109525	272160	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 1187934	7254 2595115	31511	123367	311578	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 1987548	11906 3812621	53548	210222	535814	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	++++ 106691	727 249095	2916	10693	25777	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	++++ 875962	5434 1807640	24303	91994	227701	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	++++ 822014	5237 1679617	22034	88585	211597	++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	++++ 419258	2616 887203	10406	42286	102164	++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	++++ 1821482	11036 3759944	46148	200062	450756	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	++++ 745419	5000 1533070	20191	83785	181796	++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-141953-1 Analy Batch No.: 466502

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2017 02:03 Calibration End Date: 10/03/2017 09:23 Calibration ID: 64284

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dibromofluoromethane (Surr)	FB	Ave	94400 104312	105605 115120	101949	100792	101409	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	98686 113555	112482 129812	105883	105452	107188	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	351718 408172	384503 429383	359804	355128	371849	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	130409 138153	139196 143131	133028	132316	132791	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54401.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 3
 Inject. Date: 03-Oct-2017 02:03:30 ALS Bottle#: 3 Worklist Smp#: 4
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0061230-004
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub42
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 03-Oct-2017 13:47:39 Calib Date: 03-Oct-2017 09:23:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK022

First Level Reviewer: martineze

Date: 03-Oct-2017 07:52:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.533	1.533	0.000	87	9183	20.0	18.0	
2 Dichlorodifluoromethane	85	1.574	1.574	0.000	98	68759	20.0	21.1	
3 Chloromethane	50	1.755	1.755	0.000	100	60287	20.0	21.0	
4 Vinyl chloride	62	1.829	1.829	0.000	99	58565	20.0	21.0	
5 Butadiene	54	1.837	1.837	0.000	92	48188	20.0	20.5	
6 Bromomethane	94	2.116	2.116	0.000	97	38663	20.0	22.3	
7 Chloroethane	64	2.190	2.190	0.000	97	30966	20.0	21.2	
8 Dichlorofluoromethane	67	2.363	2.363	0.000	97	85237	20.0	21.2	
9 Trichlorofluoromethane	101	2.371	2.371	0.000	73	73048	20.0	23.6	
10 Pentane	72	2.396	2.396	0.000	97	14090	40.0	38.4	
12 Ethyl ether	59	2.585	2.585	0.000	97	40599	20.0	19.4	
11 Ethanol	46	2.601	2.601	0.000	68	7373	800.0	652.3	
13 2-Methyl-1,3-butadiene	53	2.610	2.610	0.000	95	35378	20.0	18.9	
14 1,2-Dichloro-1,1,2-trifluo	117	2.634	2.634	0.000	90	37440	20.0	20.6	
16 1,1,2-Trichloro-1,2,2-trif	101	2.774	2.774	0.000	92	32777	20.0	20.5	
15 Acrolein	56	2.774	2.774	0.000	90	16787	40.0	42.6	
17 1,1-Dichloroethene	96	2.798	2.798	0.000	98	44104	20.0	19.8	
18 Acetone	43	2.897	2.897	0.000	90	63509	100.0	100.3	
19 Iodomethane	142	2.955	2.955	0.000	97	78356	20.0	20.1	
20 Isopropyl alcohol	45	2.971	2.971	0.000	67	21320	200.0	200.0	
21 Carbon disulfide	76	2.987	2.987	0.000	99	136103	20.0	18.9	
22 3-Chloro-1-propene	41	3.111	3.111	0.000	72	81547	20.0	19.5	
24 Methyl acetate	43	3.119	3.119	0.000	98	161016	100.0	100.3	
23 Cyclopentene	67	3.135	3.135	0.000	89	108753	20.0	19.8	
25 Acetonitrile	41	3.209	3.209	0.000	82	66907	200.0	187.9	
27 Methylene Chloride	84	3.242	3.242	0.000	91	52857	20.0	20.0	
* 26 TBA-d9 (IS)	65	3.259	3.259	0.000	94	156652	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.324	3.324	0.000	93	39952	200.0	183.8	
29 Methyl tert-butyl ether	73	3.398	3.398	0.000	96	136538	20.0	20.5	
30 trans-1,2-Dichloroethene	96	3.423	3.423	0.000	93	51099	20.0	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.497	3.497	0.000	96	187502	200.0	200.7	
32 Hexane	43	3.571	3.571	0.000	92	37108	20.0	18.9	
33 Isopropyl ether	45	3.776	3.776	0.000	96	149155	20.0	20.1	
34 1,1-Dichloroethane	63	3.817	3.817	0.000	99	87182	20.0	20.1	
35 Vinyl acetate	86	3.826	3.826	0.000	92	15564	40.0	35.2	
36 2-Chloro-1,3-butadiene	88	3.858	3.858	0.000	90	45931	20.0	20.1	
37 Tert-butyl ethyl ether	59	4.097	4.097	0.000	90	144068	20.0	20.6	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	88	183521	250.0	250.0	
39 2,2-Dichloropropane	97	4.310	4.310	0.000	72	14578	20.0	20.2	
40 cis-1,2-Dichloroethene	96	4.335	4.335	0.000	97	57561	20.0	19.7	
42 Ethyl acetate	70	4.343	4.343	0.000	94	8559	40.0	38.0	
41 2-Butanone (MEK)	72	4.343	4.343	0.000	97	25713	100.0	101.0	
43 Methyl acrylate	55	4.393	4.393	0.000	98	35062	20.0	19.1	
44 Propionitrile	54	4.483	4.483	0.000	99	64857	200.0	200.2	
45 Chlorobromomethane	128	4.557	4.557	0.000	83	28253	20.0	20.5	
46 Tetrahydrofuran	72	4.557	4.557	0.000	58	11733	40.0	38.7	
47 Methacrylonitrile	67	4.582	4.582	0.000	89	190063	200.0	207.4	
48 Chloroform	83	4.606	4.606	0.000	99	85992	20.0	20.7	
49 Cyclohexane	84	4.738	4.738	0.000	90	58224	20.0	20.9	
50 1,1,1-Trichloroethane	97	4.754	4.754	0.000	96	62847	20.0	19.8	
\$ 51 Dibromofluoromethane (Surr	113	4.762	4.762	0.000	98	100792	50.0	51.4	
52 Carbon tetrachloride	117	4.877	4.877	0.000	99	58959	20.0	20.6	
53 1,1-Dichloropropene	75	4.902	4.902	0.000	98	64622	20.0	19.5	
54 Isobutyl alcohol	43	5.017	5.017	0.000	90	58471	500.0	477.9	
55 Benzene	78	5.099	5.099	0.000	95	191188	20.0	20.1	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.116	0.000	96	105452	50.0	50.4	
57 Isopropyl acetate	43	5.149	5.149	0.000	97	126329	20.0	19.9	
58 Tert-amyl methyl ether	73	5.165	5.165	0.000	93	163152	20.0	21.2	
59 1,2-Dichloroethane	62	5.190	5.190	0.000	96	58040	20.0	19.4	
60 n-Heptane	57	5.247	5.247	0.000	90	29955	20.0	19.4	
* 61 Fluorobenzene	96	5.387	5.387	0.000	99	398426	50.0	50.0	
62 n-Butanol	56	5.683	5.683	0.000	89	25025	500.0	492.8	
63 Trichloroethene	95	5.740	5.740	0.000	98	47596	20.0	20.1	
64 Methylcyclohexane	83	5.863	5.863	0.000	88	71612	20.0	19.3	
65 Ethyl acrylate	55	5.863	5.863	0.000	93	98960	20.0	19.9	
66 1,2-Dichloropropane	63	6.028	6.028	0.000	93	45334	20.0	19.5	
* 67 1,4-Dioxane-d8	96	6.085	6.085	0.000	90	13432	1000.0	1000.0	
68 Methyl methacrylate	100	6.102	6.102	0.000	86	21231	40.0	38.1	
70 n-Propyl acetate	43	6.151	6.151	0.000	97	49673	20.0	19.4	
69 1,4-Dioxane	88	6.151	6.151	0.000	27	7770	400.0	421.9	
71 Dibromomethane	93	6.159	6.159	0.000	88	27878	20.0	20.3	
72 Dichlorobromomethane	83	6.307	6.307	0.000	99	57356	20.0	19.6	
74 2-Chloroethyl vinyl ether	63	6.636	6.636	0.000	81	25574	20.0	20.0	
73 2-Nitropropane	41	6.644	6.644	0.000	78	17940	40.0	36.9	
75 Epichlorohydrin	57	6.751	6.751	0.000	99	81692	400.0	401.6	
76 cis-1,3-Dichloropropene	75	6.808	6.808	0.000	90	68452	20.0	19.2	
77 4-Methyl-2-pentanone (MIBK	43	6.973	6.973	0.000	95	188943	100.0	98.3	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.055	0.000	98	355128	50.0	49.9	
79 Toluene	91	7.129	7.129	0.000	93	189865	20.0	19.9	
80 trans-1,3-Dichloropropene	75	7.474	7.474	0.000	97	61030	20.0	19.9	
81 Ethyl methacrylate	69	7.507	7.507	0.000	89	52283	20.0	18.8	
82 1,1,2-Trichloroethane	83	7.696	7.696	0.000	96	33647	20.0	20.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.737	7.737	0.000	98	49182	20.0	19.5	
84 1,3-Dichloropropane	76	7.909	7.909	0.000	92	62137	20.0	19.6	
85 2-Hexanone	43	7.967	7.967	0.000	94	121722	100.0	99.2	
86 n-Butyl acetate	43	8.082	8.082	0.000	98	58981	20.0	19.2	
87 Chlorodibromomethane	129	8.139	8.139	0.000	98	44371	20.0	19.5	
88 Ethylene Dibromide	107	8.296	8.296	0.000	99	38992	20.0	20.1	
* 89 Chlorobenzene-d5	117	8.846	8.846	0.000	86	271516	50.0	50.0	
90 Chlorobenzene	112	8.879	8.879	0.000	96	123284	20.0	19.4	
91 Ethylbenzene	106	8.986	8.986	0.000	98	69000	20.0	19.8	
92 1,1,1,2-Tetrachloroethane	131	9.002	9.002	0.000	94	49578	20.0	20.4	
93 m-Xylene & p-Xylene	106	9.134	9.134	0.000	96	86019	20.0	20.2	
94 n-Butyl acrylate	73	9.553	9.553	0.000	97	35958	20.0	20.2	
95 o-Xylene	106	9.569	9.569	0.000	94	89026	20.0	20.2	
96 Styrene	104	9.602	9.602	0.000	96	146478	20.0	20.7	
97 Amyl acetate (mixed isomer	43	9.775	9.775	0.000	92	86598	20.0	19.3	
98 Bromoform	173	9.799	9.799	0.000	97	33970	20.0	20.2	
99 Isopropylbenzene	105	9.906	9.906	0.000	96	230611	20.0	21.0	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	92	132316	50.0	52.0	
101 Bromobenzene	156	10.202	10.202	0.000	97	63200	20.0	19.2	
102 1,1,2,2-Tetrachloroethane	83	10.235	10.235	0.000	97	56100	20.0	19.5	
103 N-Propylbenzene	91	10.259	10.259	0.000	100	267675	20.0	19.8	
104 1,2,3-Trichloropropane	110	10.276	10.276	0.000	98	16857	20.0	17.7	
105 trans-1,4-Dichloro-2-buten	53	10.292	10.292	0.000	92	14186	20.0	17.9	
106 2-Chlorotoluene	91	10.350	10.350	0.000	96	191995	20.0	19.9	
107 4-Ethyltoluene	105	10.358	10.358	0.000	98	232590	20.0	20.1	
108 1,3,5-Trimethylbenzene	105	10.407	10.407	0.000	93	198618	20.0	19.6	
109 4-Chlorotoluene	91	10.440	10.440	0.000	97	177843	20.0	19.4	
110 Butyl Methacrylate	87	10.481	10.481	0.000	89	71576	20.0	19.7	
111 tert-Butylbenzene	119	10.637	10.637	0.000	94	161531	20.0	19.7	
112 1,2,4-Trimethylbenzene	105	10.687	10.687	0.000	97	211582	20.0	20.1	
113 sec-Butylbenzene	105	10.802	10.802	0.000	99	236822	20.0	19.8	
114 4-Isopropyltoluene	119	10.900	10.900	0.000	98	215534	20.0	20.6	
115 1,3-Dichlorobenzene	146	10.900	10.900	0.000	97	123762	20.0	20.5	
* 116 1,4-Dichlorobenzene-d4	152	10.958	10.958	0.000	93	185113	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.966	10.966	0.000	95	125589	20.0	19.9	
132 1,2,3-Trimethylbenzene	105	10.983	10.983	0.000	95	224133	20.0	20.5	
118 Benzyl chloride	91	11.065	11.065	0.000	99	130214	20.0	19.6	
119 2,3-Dihydroindene	117	11.114	11.114	0.000	94	224183	20.0	20.5	
120 p-Diethylbenzene	119	11.147	11.147	0.000	94	120924	20.0	20.1	
121 n-Butylbenzene	92	11.163	11.163	0.000	99	109525	20.0	20.4	
122 1,2-Dichlorobenzene	146	11.213	11.213	0.000	97	123367	20.0	20.0	
123 1,2,4,5-Tetramethylbenzene	119	11.623	11.623	0.000	97	210222	20.0	20.6	
124 1,2-Dibromo-3-Chloropropan	75	11.706	11.706	0.000	93	10693	20.0	19.0	
125 1,3,5-Trichlorobenzene	180	11.788	11.788	0.000	97	91994	20.0	20.2	
126 1,2,4-Trichlorobenzene	180	12.190	12.190	0.000	94	88585	20.0	20.7	
127 Hexachlorobutadiene	225	12.256	12.256	0.000	98	42286	20.0	20.0	
128 Naphthalene	128	12.363	12.363	0.000	99	200062	20.0	21.5	
129 1,2,3-Trichlorobenzene	180	12.527	12.527	0.000	97	83785	20.0	21.3	
S 130 1,2-Dichloroethene, Total	100				0		40.0	40.5	
S 131 Xylenes, Total	100				0		40.0	40.4	

Reagents:

VOA6IS/SURR_00004	Amount Added: 5.00	Units: uL
Ethanol mix_00005	Amount Added: 2.00	Units: uL
MIX 2 Hi_00060	Amount Added: 2.00	Units: uL
MIX 1 Hi_00078	Amount Added: 2.00	Units: uL
ACROLEIN W_00068	Amount Added: 4.00	Units: uL
GAS Hi_00220	Amount Added: 2.00	Units: uL

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS6\\20171002-61230.b\\F54401.D

Injection Date: 03-Oct-2017 02:03:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD20

Worklist Smp#: 4

Client ID:

Injection Vol: 1.0 uL

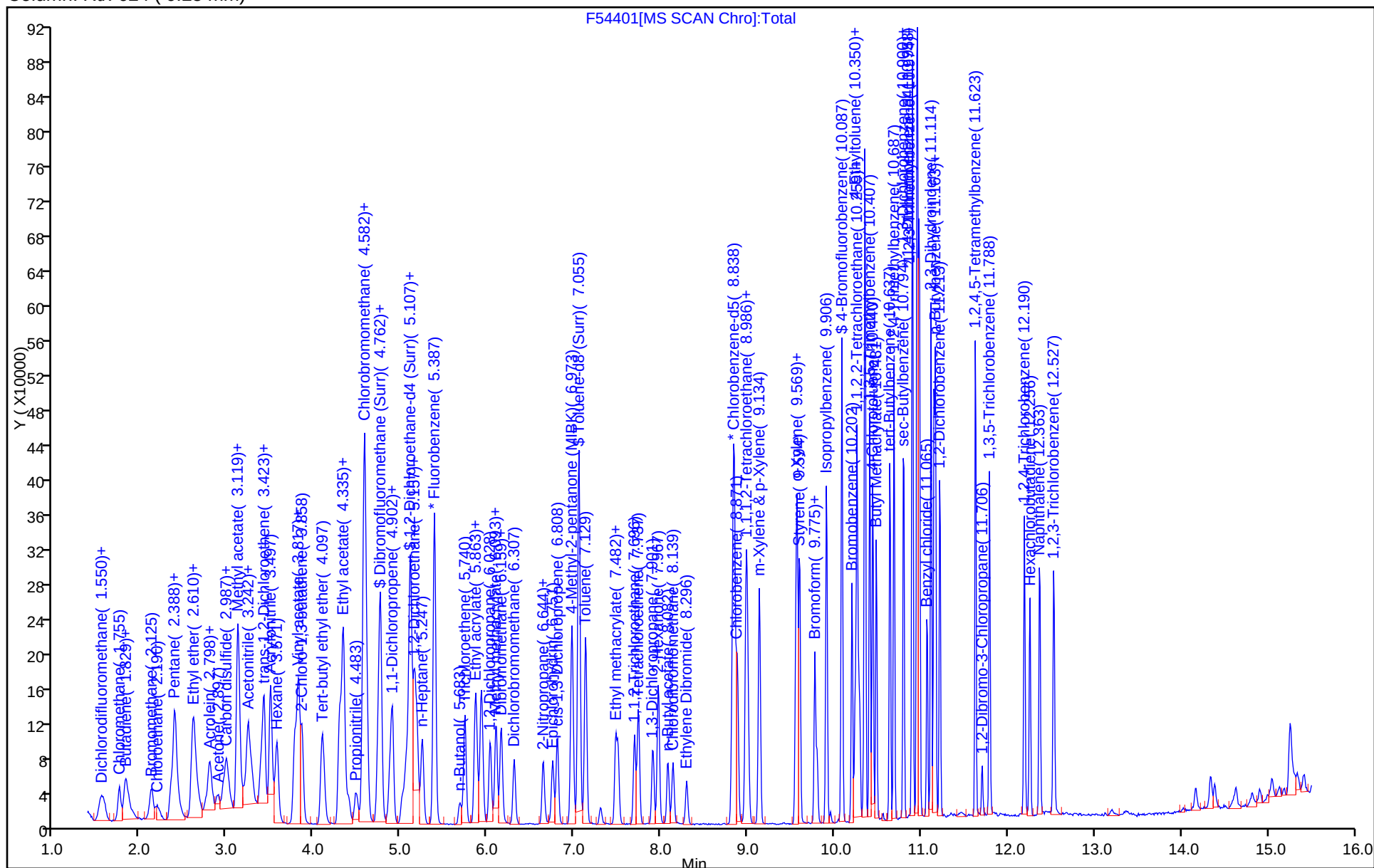
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54404.D
 Lims ID: STD7
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 03-Oct-2017 03:13:30 ALS Bottle#: 6 Worklist Smp#: 7
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: STD7
 Misc. Info.: 460-0061230-007
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub42
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 03-Oct-2017 13:47:46 Calib Date: 03-Oct-2017 09:23:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK022

First Level Reviewer: boykink

Date: 03-Oct-2017 03:41:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.234	3.259	-0.025	94	167783	1000.0	1000.0	
31 Acrylonitrile	53	3.497	3.497	0.000	79	1997	2.00	2.21	
* 38 2-Butanone-d5	46	4.286	4.294	-0.008	80	180889	250.0	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.762	4.762	0.000	97	94400	50.0	49.7	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.115	5.116	-0.001	95	98686	50.0	48.8	
* 61 Fluorobenzene	96	5.387	5.387	0.000	99	385334	50.0	50.0	
* 67 1,4-Dioxane-d8	96	6.085	6.085	0.000	94	17971	1000.0	1000.0	
75 Epichlorohydrin	57	6.759	6.751	0.008	2	1198	5.00	5.97	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.055	0.000	99	351718	50.0	48.4	
* 89 Chlorobenzene-d5	117	8.838	8.846	-0.008	86	277324	50.0	50.0	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	91	130409	50.0	50.2	
* 116 1,4-Dichlorobenzene-d4	152	10.950	10.958	-0.008	96	177372	50.0	50.0	

Reagents:

VOA6IS/SURR_00004	Amount Added: 5.00	Units: uL
ACROLEIN W_00068	Amount Added: 0.00	Units: uL
Ethanol mix_00005	Amount Added: 0.00	Units: uL
MIX 2 Hi_00060	Amount Added: 0.00	Units: uL
MIX I Hi_00078	Amount Added: 0.00	Units: uL
14DIOXINTER_00073	Amount Added: 0.00	Units: uL
ACRY/EPIH MIX_00039	Amount Added: 2.00	Units: uL
GASES Li_00227	Amount Added: 0.00	Units: uL

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS6\\20171002-61230.b\\F54404.D

Injection Date: 03-Oct-2017 03:13:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD7

Worklist Smp#: 7

Client ID:

Injection Vol: 1.0 uL

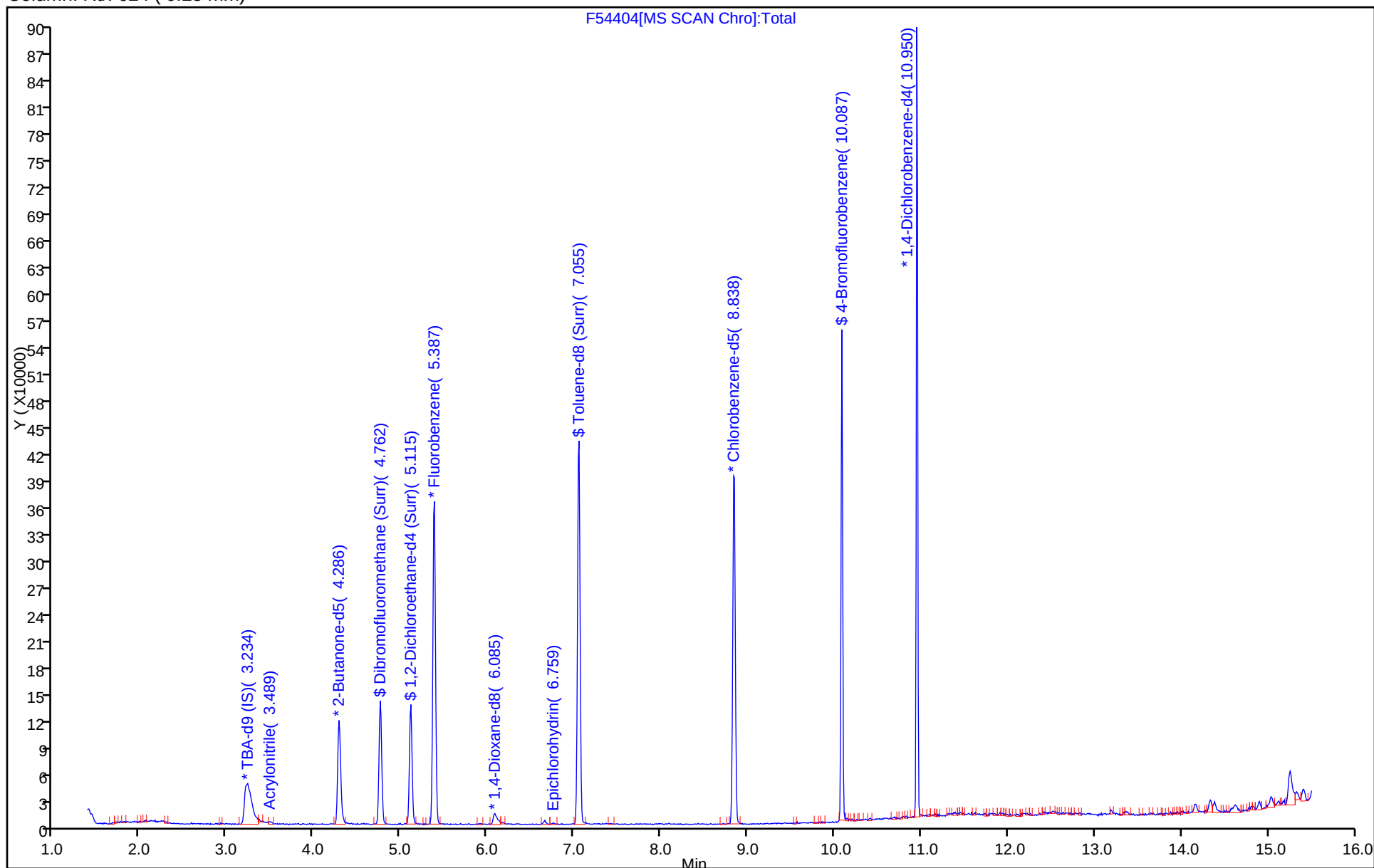
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54405.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 03-Oct-2017 03:37:30 ALS Bottle#: 7 Worklist Smp#: 8
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0061230-008
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub42
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 03-Oct-2017 13:48:17 Calib Date: 03-Oct-2017 09:23:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK022

First Level Reviewer: martineze

Date: 03-Oct-2017 08:04:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.549	1.533	0.016	82	3022	5.00	5.92	
2 Dichlorodifluoromethane	85	1.574	1.574	0.000	84	15606	5.00	4.79	
3 Chloromethane	50	1.755	1.755	0.000	99	15581	5.00	5.41	
4 Vinyl chloride	62	1.837	1.829	0.008	98	14462	5.00	5.16	
5 Butadiene	54	1.862	1.837	0.025	56	12076	5.00	5.41	
6 Bromomethane	94	2.133	2.116	0.017	97	9547	5.00	5.49	
7 Chloroethane	64	2.215	2.190	0.025	88	7942	5.00	5.43	
8 Dichlorofluoromethane	67	2.371	2.363	0.008	96	22321	5.00	5.53	
9 Trichlorofluoromethane	101	2.379	2.371	0.008	72	15601	5.00	5.02	
10 Pentane	72	2.404	2.396	0.008	95	4196	10.0	11.4	
12 Ethyl ether	59	2.593	2.585	0.008	92	11415	5.00	5.43	
11 Ethanol	46	2.601	2.601	0.000	65	3003	200.0	246.0	
13 2-Methyl-1,3-butadiene	53	2.618	2.610	0.008	95	10814	5.00	5.76	
14 1,2-Dichloro-1,1,2-trifluo	117	2.650	2.634	0.016	77	10609	5.00	5.82	
16 1,1,2-Trichloro-1,2,2-trif	101	2.798	2.774	0.024	43	9643	5.00	6.03	
15 Acrolein	56	2.774	2.774	0.000	90	9007	20.0	21.2	
17 1,1-Dichloroethene	96	2.815	2.798	0.017	96	12951	5.00	5.81	
18 Acetone	43	2.897	2.897	0.000	90	16486	25.0	26.0	
19 Iodomethane	142	2.963	2.955	0.008	98	19237	5.00	4.93	
20 Isopropyl alcohol	45	2.979	2.971	0.008	35	4898	50.0	42.5	
21 Carbon disulfide	76	3.004	2.987	0.017	99	40402	5.00	5.59	
22 3-Chloro-1-propene	41	3.119	3.111	0.008	92	23046	5.00	5.49	
24 Methyl acetate	43	3.127	3.119	0.008	97	43333	25.0	26.9	
23 Cyclopentene	67	3.144	3.135	0.009	87	31877	5.00	5.80	
25 Acetonitrile	41	3.193	3.209	-0.016	93	20377	50.0	57.1	
27 Methylene Chloride	84	3.250	3.242	0.008	52	13930	5.00	5.25	
* 26 TBA-d9 (IS)	65	3.242	3.259	-0.017	96	169188	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.332	3.324	0.008	38	13754	50.0	58.6	
29 Methyl tert-butyl ether	73	3.398	3.398	0.000	97	36369	5.00	5.46	
30 trans-1,2-Dichloroethene	96	3.431	3.423	0.008	94	13821	5.00	5.59	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.505	3.497	0.008	96	49991	50.0	53.4	
32 Hexane	43	3.579	3.571	0.008	91	11274	5.00	5.74	
33 Isopropyl ether	45	3.784	3.776	0.008	97	41328	5.00	5.55	
34 1,1-Dichloroethane	63	3.826	3.817	0.009	76	24428	5.00	5.60	
35 Vinyl acetate	86	3.826	3.826	0.000	89	4644	10.0	10.5	
36 2-Chloro-1,3-butadiene	88	3.867	3.858	0.009	91	11702	5.00	5.10	
37 Tert-butyl ethyl ether	59	4.105	4.097	0.008	89	38859	5.00	5.54	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	85	184104	250.0	250.0	
39 2,2-Dichloropropane	97	4.327	4.310	0.017	79	4116	5.00	5.68	
40 cis-1,2-Dichloroethene	96	4.343	4.335	0.008	95	15888	5.00	5.43	
42 Ethyl acetate	70	4.343	4.343	0.000	84	2316	10.0	9.52	
41 2-Butanone (MEK)	72	4.351	4.343	0.008	97	6534	25.0	25.6	
43 Methyl acrylate	55	4.401	4.393	0.008	98	8444	5.00	4.52	
44 Propionitrile	54	4.491	4.483	0.008	98	17562	50.0	54.1	
45 Chlorobromomethane	128	4.565	4.557	0.008	81	7402	5.00	5.36	
46 Tetrahydrofuran	72	4.565	4.557	0.008	60	3412	10.0	11.2	
47 Methacrylonitrile	67	4.590	4.582	0.008	90	48615	50.0	52.9	
48 Chloroform	83	4.614	4.606	0.008	99	22862	5.00	5.48	
49 Cyclohexane	84	4.754	4.738	0.016	91	16478	5.00	5.90	
50 1,1,1-Trichloroethane	97	4.762	4.754	0.008	91	17367	5.00	5.47	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.762	0.008	98	101949	50.0	51.8	
52 Carbon tetrachloride	117	4.885	4.877	0.008	98	16036	5.00	5.59	
53 1,1-Dichloropropene	75	4.910	4.902	0.008	99	17967	5.00	5.40	
54 Isobutyl alcohol	43	5.025	5.017	0.008	91	16821	125.0	127.3	
55 Benzene	78	5.107	5.099	0.008	95	51714	5.00	5.36	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.124	5.116	0.008	97	105883	50.0	50.5	
57 Isopropyl acetate	43	5.157	5.149	0.008	87	33418	5.00	5.26	
58 Tert-amyl methyl ether	73	5.165	5.165	0.000	86	42485	5.00	5.51	
59 1,2-Dichloroethane	62	5.198	5.190	0.008	89	15797	5.00	5.28	
60 n-Heptane	57	5.247	5.247	0.000	91	8490	5.00	5.49	
* 61 Fluorobenzene	96	5.395	5.387	0.008	99	399392	50.0	50.0	
62 n-Butanol	56	5.683	5.683	0.000	91	6529	125.0	119.0	
63 Trichloroethene	95	5.740	5.740	0.000	97	12368	5.00	5.20	
64 Methylcyclohexane	83	5.863	5.863	0.000	89	21136	5.00	5.69	
65 Ethyl acrylate	55	5.855	5.863	-0.008	93	27714	5.00	5.57	
66 1,2-Dichloropropane	63	6.036	6.028	0.008	95	13324	5.00	5.72	
* 67 1,4-Dioxane-d8	96	6.093	6.085	0.008	47	15851	1000.0	1000.0	
68 Methyl methacrylate	100	6.102	6.102	0.000	91	5163	10.0	9.23	
70 n-Propyl acetate	43	6.151	6.151	0.000	96	12422	5.00	4.85	
69 1,4-Dioxane	88	6.151	6.151	0.000	25	2598	100.0	119.5	
71 Dibromomethane	93	6.159	6.159	0.000	81	7220	5.00	5.23	
72 Dichlorobromomethane	83	6.315	6.307	0.008	99	15118	5.00	5.15	
74 2-Chloroethyl vinyl ether	63	6.644	6.636	0.008	77	6063	5.00	4.74	
73 2-Nitropropane	41	6.652	6.644	0.008	81	4763	10.0	9.77	
75 Epichlorohydrin	57	6.759	6.751	0.008	98	21724	100.0	106.4	
76 cis-1,3-Dichloropropene	75	6.808	6.808	0.000	90	17510	5.00	4.83	
77 4-Methyl-2-pentanone (MIBK	43	6.973	6.973	0.000	94	49197	25.0	25.5	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.055	0.000	99	359804	50.0	49.8	
79 Toluene	91	7.129	7.129	0.000	93	50321	5.00	5.20	
80 trans-1,3-Dichloropropene	75	7.482	7.474	0.008	95	14891	5.00	4.79	
81 Ethyl methacrylate	69	7.507	7.507	0.000	89	13753	5.00	4.88	
82 1,1,2-Trichloroethane	83	7.696	7.696	0.000	93	8205	5.00	4.99	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.737	7.737	0.000	95	12660	5.00	4.95	
84 1,3-Dichloropropane	76	7.909	7.909	0.000	93	16588	5.00	5.14	
85 2-Hexanone	43	7.967	7.967	0.000	95	31490	25.0	25.6	
86 n-Butyl acetate	43	8.082	8.082	0.000	97	16987	5.00	5.44	
87 Chlorodibromomethane	129	8.139	8.139	0.000	96	12338	5.00	5.33	
88 Ethylene Dibromide	107	8.296	8.296	0.000	97	10604	5.00	5.39	
* 89 Chlorobenzene-d5	117	8.846	8.846	0.000	85	275959	50.0	50.0	
90 Chlorobenzene	112	8.879	8.879	0.000	95	33748	5.00	5.23	
91 Ethylbenzene	106	8.978	8.986	-0.008	98	18864	5.00	5.33	
92 1,1,1,2-Tetrachloroethane	131	9.002	9.002	0.000	97	12266	5.00	4.95	
93 m-Xylene & p-Xylene	106	9.134	9.134	0.000	97	22833	5.00	5.28	
94 n-Butyl acrylate	73	9.553	9.553	0.000	91	8715	5.00	4.83	
95 o-Xylene	106	9.569	9.569	0.000	93	24052	5.00	5.36	
96 Styrene	104	9.602	9.602	0.000	95	38558	5.00	5.36	
97 Amyl acetate (mixed isomer	43	9.775	9.775	0.000	91	22012	5.00	5.06	
98 Bromoform	173	9.799	9.799	0.000	97	8690	5.00	5.09	
99 Isopropylbenzene	105	9.906	9.906	0.000	96	61182	5.00	5.48	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	92	133028	50.0	51.5	
101 Bromobenzene	156	10.202	10.202	0.000	99	16162	5.00	5.06	
102 1,1,2,2-Tetrachloroethane	83	10.235	10.235	0.000	97	15174	5.00	5.43	
103 N-Propylbenzene	91	10.259	10.259	0.000	99	72624	5.00	5.54	
104 1,2,3-Trichloropropane	110	10.284	10.276	0.008	97	4733	5.00	5.12	
105 trans-1,4-Dichloro-2-buten	53	10.292	10.292	0.000	81	3684	5.00	4.80	
106 2-Chlorotoluene	91	10.350	10.350	0.000	96	51269	5.00	5.48	
107 4-Ethyltoluene	105	10.358	10.358	0.000	97	61019	5.00	5.43	
108 1,3,5-Trimethylbenzene	105	10.407	10.407	0.000	93	52522	5.00	5.35	
109 4-Chlorotoluene	91	10.440	10.440	0.000	97	48505	5.00	5.44	
110 Butyl Methacrylate	87	10.481	10.481	0.000	88	18031	5.00	5.10	
111 tert-Butylbenzene	119	10.637	10.637	0.000	95	41975	5.00	5.26	
112 1,2,4-Trimethylbenzene	105	10.687	10.687	0.000	97	54673	5.00	5.34	
113 sec-Butylbenzene	105	10.793	10.802	-0.009	99	62946	5.00	5.42	
114 4-Isopropyltoluene	119	10.900	10.900	0.000	97	54695	5.00	5.39	
115 1,3-Dichlorobenzene	146	10.900	10.900	0.000	96	31474	5.00	5.36	
* 116 1,4-Dichlorobenzene-d4	152	10.950	10.958	-0.008	96	179838	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.966	10.966	0.000	95	33118	5.00	5.39	
132 1,2,3-Trimethylbenzene	105	10.982	10.983	-0.001	94	59171	5.00	5.56	
118 Benzyl chloride	91	11.065	11.065	0.000	99	32858	5.00	5.09	
119 2,3-Dihydroindene	117	11.114	11.114	0.000	95	57492	5.00	5.42	
120 p-Diethylbenzene	119	11.147	11.147	0.000	94	31879	5.00	5.46	
121 n-Butylbenzene	92	11.163	11.163	0.000	97	27569	5.00	5.30	
122 1,2-Dichlorobenzene	146	11.213	11.213	-0.001	97	31511	5.00	5.27	
123 1,2,4,5-Tetramethylbenzene	119	11.623	11.623	0.000	97	53548	5.00	5.40	
124 1,2-Dibromo-3-Chloropropan	75	11.697	11.706	-0.009	95	2916	5.00	5.33	
125 1,3,5-Trichlorobenzene	180	11.788	11.788	0.000	97	24303	5.00	5.49	
126 1,2,4-Trichlorobenzene	180	12.190	12.190	0.000	95	22034	5.00	5.30	
127 Hexachlorobutadiene	225	12.248	12.256	-0.008	95	10406	5.00	5.07	
128 Naphthalene	128	12.363	12.363	0.000	99	46148	5.00	5.12	
129 1,2,3-Trichlorobenzene	180	12.527	12.527	0.000	96	20191	5.00	5.29	
S 130 1,2-Dichloroethene, Total	100				0		10.0	11.0	
S 131 Xylenes, Total	100				0		10.0	10.6	

Reagents:

VOA6IS/SURR_00004	Amount Added: 5.00	Units: uL
Ethanol mix_00005	Amount Added: 1.00	Units: uL
MIX 2 Hi_00060	Amount Added: 1.00	Units: uL
MIX I Hi_00078	Amount Added: 1.00	Units: uL
GAS Hi_00220	Amount Added: 1.00	Units: uL
ACROLEIN W_00068	Amount Added: 4.00	Units: uL

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS6\\20171002-61230.b\\F54405.D

Injection Date: 03-Oct-2017 03:37:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD5

Worklist Smp#: 8

Client ID:

Injection Vol: 1.0 uL

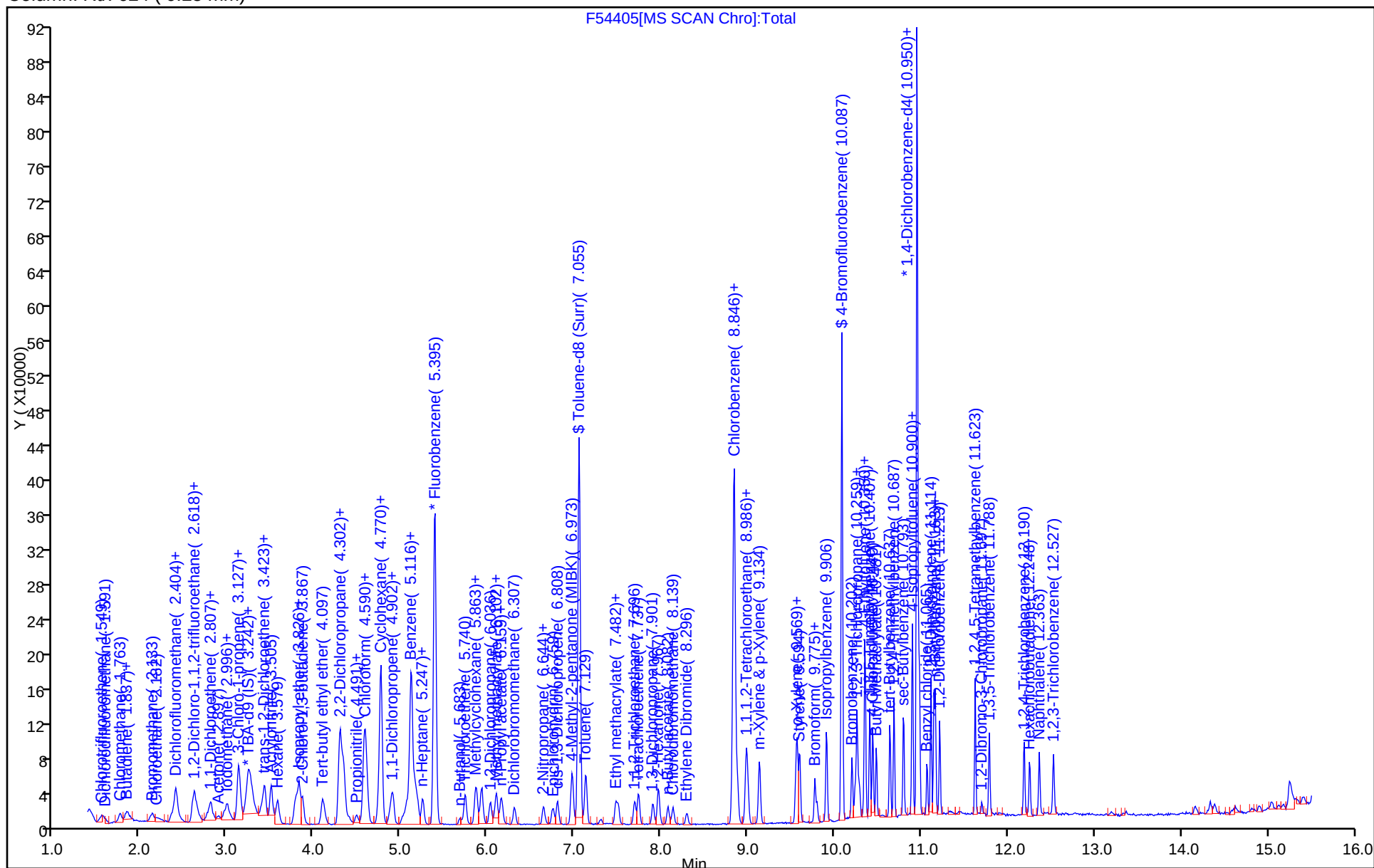
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54407.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 03-Oct-2017 04:23:30 ALS Bottle#: 9 Worklist Smp#: 10
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0061230-010
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub42
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 03-Oct-2017 13:48:25 Calib Date: 03-Oct-2017 09:23:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK022

First Level Reviewer: martineze

Date: 03-Oct-2017 07:53:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.533	1.533	0.000	89	27361	50.0	52.0	
2 Dichlorodifluoromethane	85	1.566	1.574	-0.008	99	190378	50.0	56.7	
3 Chloromethane	50	1.755	1.755	0.000	100	168163	50.0	56.7	
4 Vinyl chloride	62	1.829	1.829	0.000	99	154355	50.0	53.5	
5 Butadiene	54	1.837	1.837	0.000	55	127606	50.0	52.1	
6 Bromomethane	94	2.125	2.116	0.009	98	97330	50.0	54.3	
7 Chloroethane	64	2.190	2.190	0.000	99	79422	50.0	52.7	
8 Dichlorofluoromethane	67	2.371	2.363	0.008	97	219257	50.0	52.7	
9 Trichlorofluoromethane	101	2.363	2.371	-0.008	73	176779	50.0	55.2	
10 Pentane	72	2.396	2.396	0.000	96	37721	100.0	99.5	
12 Ethyl ether	59	2.585	2.585	0.000	92	105259	50.0	48.6	
11 Ethanol	46	2.585	2.601	-0.016	74	21664	2000.0	1973.2	
13 2-Methyl-1,3-butadiene	53	2.609	2.610	-0.001	92	91592	50.0	47.3	
14 1,2-Dichloro-1,1,2-trifluo	117	2.642	2.634	0.008	93	94259	50.0	50.2	
15 Acrolein	56	2.766	2.774	-0.008	71	41187	100.0	107.7	
16 1,1,2-Trichloro-1,2,2-trif	101	2.774	2.774	0.000	90	78896	50.0	47.9	
17 1,1-Dichloroethene	96	2.798	2.798	0.000	99	115614	50.0	50.4	
18 Acetone	43	2.889	2.897	-0.008	89	150295	250.0	238.0	
19 Iodomethane	142	2.955	2.955	0.000	98	210921	50.0	52.4	
20 Isopropyl alcohol	45	2.979	2.971	0.008	36	59435	500.0	574.1	
21 Carbon disulfide	76	2.987	2.987	0.000	99	376331	50.0	50.5	
22 3-Chloro-1-propene	41	3.119	3.111	0.008	98	223796	50.0	51.8	
24 Methyl acetate	43	3.119	3.119	0.000	99	403664	250.0	243.6	
23 Cyclopentene	67	3.135	3.135	0.000	91	286875	50.0	50.7	
25 Acetonitrile	41	3.185	3.209	-0.024	97	181017	500.0	492.2	
27 Methylene Chloride	84	3.242	3.242	0.000	90	135906	50.0	49.7	
* 26 TBA-d9 (IS)	65	3.234	3.259	-0.025	94	152157	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.316	3.324	-0.008	38	108347	500.0	513.3	
29 Methyl tert-butyl ether	73	3.415	3.398	0.017	95	316486	50.0	46.1	
30 trans-1,2-Dichloroethene	96	3.423	3.423	0.000	95	130626	50.0	51.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.497	3.497	0.000	95	459606	500.0	476.5	
32 Hexane	43	3.571	3.571	0.000	91	98412	50.0	48.6	
33 Isopropyl ether	45	3.776	3.776	0.000	96	373526	50.0	48.7	
34 1,1-Dichloroethane	63	3.817	3.817	0.000	99	220529	50.0	49.1	
35 Vinyl acetate	86	3.826	3.826	0.000	92	42786	100.0	93.6	
36 2-Chloro-1,3-butadiene	88	3.858	3.858	0.000	89	119524	50.0	50.6	
37 Tert-butyl ethyl ether	59	4.097	4.097	0.000	90	339066	50.0	46.9	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	90	183104	250.0	250.0	
39 2,2-Dichloropropane	97	4.319	4.310	0.009	93	36623	50.0	49.1	
40 cis-1,2-Dichloroethene	96	4.335	4.335	0.000	97	145808	50.0	48.4	
41 2-Butanone (MEK)	72	4.351	4.343	0.008	97	62930	250.0	247.7	
42 Ethyl acetate	70	4.343	4.343	0.000	95	22875	100.0	103.3	
43 Methyl acrylate	55	4.401	4.393	0.008	98	91245	50.0	47.7	
44 Propionitrile	54	4.483	4.483	0.000	99	162618	500.0	486.2	
46 Tetrahydrofuran	72	4.557	4.557	0.000	91	28909	100.0	95.5	
45 Chlorobromomethane	128	4.565	4.557	0.008	81	68983	50.0	48.5	
47 Methacrylonitrile	67	4.581	4.582	-0.001	90	475067	500.0	502.0	
48 Chloroform	83	4.606	4.606	0.000	99	217359	50.0	50.6	
49 Cyclohexane	84	4.746	4.738	0.008	91	143948	50.0	50.0	
50 1,1,1-Trichloroethane	97	4.762	4.754	0.008	97	163526	50.0	50.0	
\$ 51 Dibromofluoromethane (Surr	113	4.762	4.762	0.000	98	101409	50.0	50.0	
52 Carbon tetrachloride	117	4.877	4.877	0.000	98	150657	50.0	51.0	
53 1,1-Dichloropropene	75	4.902	4.902	0.000	98	163869	50.0	47.8	
54 Isobutyl alcohol	43	5.025	5.017	0.008	90	155964	1250.0	1312.5	
55 Benzene	78	5.099	5.099	0.000	96	493511	50.0	49.9	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.116	0.000	96	107188	50.0	49.6	
57 Isopropyl acetate	43	5.148	5.149	-0.001	96	318811	50.0	48.7	
58 Tert-amyl methyl ether	73	5.157	5.165	-0.008	92	392990	50.0	49.5	
59 1,2-Dichloroethane	62	5.190	5.190	0.000	95	144139	50.0	46.7	
60 n-Heptane	57	5.247	5.247	0.000	90	83129	50.0	52.2	
* 61 Fluorobenzene	96	5.387	5.387	0.000	99	411402	50.0	50.0	
62 n-Butanol	56	5.674	5.683	-0.009	85	72700	1250.0	1473.9	
63 Trichloroethene	95	5.740	5.740	0.000	98	123500	50.0	50.4	
65 Ethyl acrylate	55	5.855	5.863	-0.008	96	255981	50.0	49.9	
64 Methylcyclohexane	83	5.863	5.863	0.000	87	184778	50.0	48.3	
66 1,2-Dichloropropane	63	6.028	6.028	0.000	94	120755	50.0	50.3	
* 67 1,4-Dioxane-d8	96	6.085	6.085	0.000	36	17285	1000.0	1000.0	
68 Methyl methacrylate	100	6.102	6.102	0.000	87	55787	100.0	96.8	
69 1,4-Dioxane	88	6.143	6.151	-0.008	27	22541	1000.0	951.0	
70 n-Propyl acetate	43	6.151	6.151	0.000	98	133306	50.0	50.5	
71 Dibromomethane	93	6.159	6.159	0.000	92	69689	50.0	49.0	
72 Dichlorobromomethane	83	6.307	6.307	0.000	99	149487	50.0	49.5	
74 2-Chloroethyl vinyl ether	63	6.644	6.636	0.008	81	65560	50.0	49.7	
73 2-Nitropropane	41	6.644	6.644	0.000	78	42812	100.0	85.3	
75 Epichlorohydrin	57	6.751	6.751	0.000	99	212601	1000.0	1047.4	
76 cis-1,3-Dichloropropene	75	6.808	6.808	0.000	90	182537	50.0	49.2	
77 4-Methyl-2-pentanone (MIBK	43	6.973	6.973	0.000	95	506385	250.0	264.2	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.055	0.000	99	371849	50.0	50.2	
79 Toluene	91	7.129	7.129	0.000	93	495723	50.0	50.0	
80 trans-1,3-Dichloropropene	75	7.474	7.474	0.000	98	157876	50.0	49.5	
81 Ethyl methacrylate	69	7.507	7.507	0.000	88	143575	50.0	49.7	
82 1,1,2-Trichloroethane	83	7.696	7.696	0.000	96	83233	50.0	49.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.737	7.737	0.000	98	129558	50.0	49.5	
84 1,3-Dichloropropane	76	7.901	7.909	-0.008	91	161256	50.0	48.8	
85 2-Hexanone	43	7.967	7.967	0.000	94	315255	250.0	257.5	
86 n-Butyl acetate	43	8.082	8.082	0.000	98	156502	50.0	49.0	
87 Chlorodibromomethane	129	8.139	8.139	0.000	98	118473	50.0	49.9	
88 Ethylene Dibromide	107	8.296	8.296	0.000	98	99043	50.0	49.1	
* 89 Chlorobenzene-d5	117	8.846	8.846	0.000	85	282687	50.0	50.0	
90 Chlorobenzene	112	8.879	8.879	0.000	95	328322	50.0	49.7	
91 Ethylbenzene	106	8.986	8.986	0.000	98	181882	50.0	50.1	
92 1,1,1,2-Tetrachloroethane	131	9.002	9.002	0.000	96	129940	50.0	51.2	
93 m-Xylene & p-Xylene	106	9.134	9.134	0.000	96	224237	50.0	50.6	
94 n-Butyl acrylate	73	9.553	9.553	0.000	98	95805	50.0	51.8	
95 o-Xylene	106	9.569	9.569	0.000	94	234920	50.0	51.1	
96 Styrene	104	9.602	9.602	0.000	95	386960	50.0	52.5	
97 Amyl acetate (mixed isomer	43	9.775	9.775	0.000	92	228400	50.0	50.8	
98 Bromoform	173	9.799	9.799	0.000	99	90180	50.0	51.6	
99 Isopropylbenzene	105	9.906	9.906	0.000	96	597158	50.0	52.2	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	92	132791	50.0	50.2	
101 Bromobenzene	156	10.202	10.202	0.000	98	159256	50.0	48.2	
102 1,1,2,2-Tetrachloroethane	83	10.235	10.235	0.000	98	147438	50.0	51.1	
103 N-Propylbenzene	91	10.259	10.259	0.000	100	692516	50.0	51.2	
104 1,2,3-Trichloropropane	110	10.284	10.276	0.008	95	43491	50.0	45.5	
105 trans-1,4-Dichloro-2-buten	53	10.292	10.292	0.000	92	39389	50.0	49.7	
106 2-Chlorotoluene	91	10.350	10.350	0.000	96	492496	50.0	51.0	
107 4-Ethyltoluene	105	10.358	10.358	0.000	98	594203	50.0	51.2	
108 1,3,5-Trimethylbenzene	105	10.407	10.407	0.000	93	519407	50.0	51.2	
109 4-Chlorotoluene	91	10.440	10.440	0.000	96	462161	50.0	50.2	
110 Butyl Methacrylate	87	10.481	10.481	0.000	88	192769	50.0	52.8	
111 tert-Butylbenzene	119	10.637	10.637	0.000	94	421352	50.0	51.1	
112 1,2,4-Trimethylbenzene	105	10.687	10.687	0.000	97	547275	50.0	51.8	
113 sec-Butylbenzene	105	10.793	10.802	-0.009	99	609990	50.0	50.8	
115 1,3-Dichlorobenzene	146	10.900	10.900	0.000	96	315218	50.0	52.0	
114 4-Isopropyltoluene	119	10.900	10.900	0.000	98	544839	50.0	52.0	
* 116 1,4-Dichlorobenzene-d4	152	10.950	10.958	-0.008	96	185702	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.966	10.966	0.000	95	325145	50.0	51.3	
132 1,2,3-Trimethylbenzene	105	10.982	10.983	-0.001	95	580361	50.0	52.9	
118 Benzyl chloride	91	11.065	11.065	0.000	99	340182	50.0	51.0	
119 2,3-Dihydroindene	117	11.114	11.114	0.000	94	569917	50.0	52.1	
120 p-Diethylbenzene	119	11.147	11.147	0.000	93	308398	50.0	51.2	
121 n-Butylbenzene	92	11.163	11.163	0.000	98	272160	50.0	50.6	
122 1,2-Dichlorobenzene	146	11.213	11.213	0.000	97	311578	50.0	50.4	
123 1,2,4,5-Tetramethylbenzene	119	11.623	11.623	0.000	97	535814	50.0	52.4	
124 1,2-Dibromo-3-Chloropropan	75	11.697	11.706	-0.009	95	25777	50.0	45.6	
125 1,3,5-Trichlorobenzene	180	11.788	11.788	0.000	97	227701	50.0	49.8	
126 1,2,4-Trichlorobenzene	180	12.190	12.190	0.000	94	211597	50.0	49.3	
127 Hexachlorobutadiene	225	12.248	12.256	-0.008	98	102164	50.0	48.2	
128 Naphthalene	128	12.363	12.363	0.000	99	450756	50.0	48.4	
129 1,2,3-Trichlorobenzene	180	12.527	12.527	0.000	96	181796	50.0	46.1	
S 130 1,2-Dichloroethene, Total	100				0		100.0	99.7	
S 131 Xylenes, Total	100				0		100.0	101.7	

Reagents:

GAS Hi_00220	Amount Added: 5.00	Units: uL
MIX 1 Hi_00078	Amount Added: 5.00	Units: uL
MIX 2 Hi_00060	Amount Added: 5.00	Units: uL
ACROLEIN W_00068	Amount Added: 10.00	Units: uL
Ethanol mix_00005	Amount Added: 5.00	Units: uL
VOA6IS/SURR_00004	Amount Added: 5.00	Units: uL

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS6\\20171002-61230.b\\F54407.D

Injection Date: 03-Oct-2017 04:23:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD50

Worklist Smp#: 10

Client ID:

Injection Vol: 1.0 uL

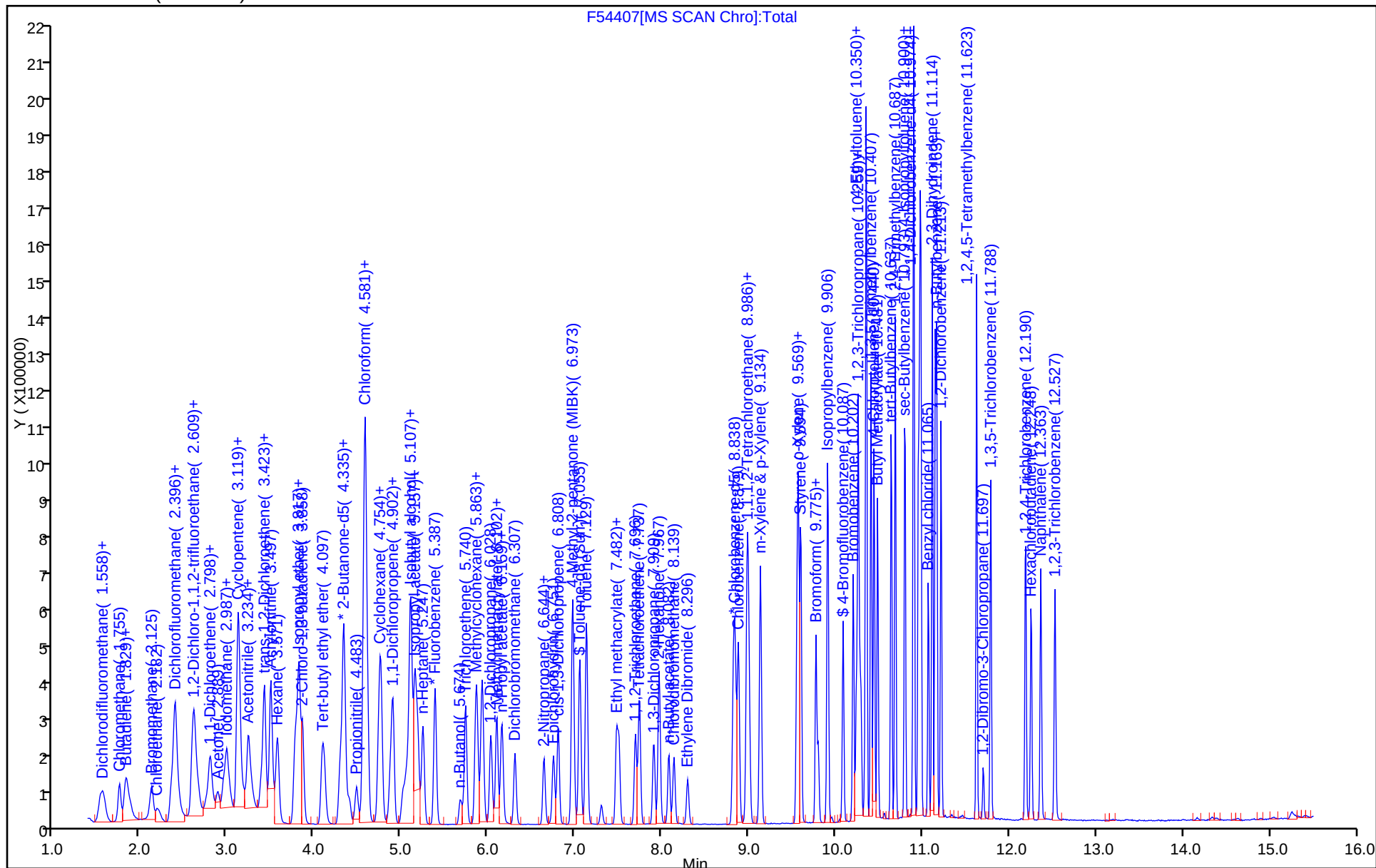
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54408.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 03-Oct-2017 04:47:30 ALS Bottle#: 10 Worklist Smp#: 11
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0061230-011
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub42
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 03-Oct-2017 13:48:36 Calib Date: 03-Oct-2017 09:23:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK022

First Level Reviewer: martineze

Date: 03-Oct-2017 07:54:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.541	1.533	0.008	90	103902	200.0	185.1	
2 Dichlorodifluoromethane	85	1.582	1.574	0.008	100	852116	220.0	237.8	
3 Chloromethane	50	1.763	1.755	0.008	99	679783	220.0	214.6	
4 Vinyl chloride	62	1.837	1.829	0.008	99	674377	220.0	219.0	
5 Butadiene	54	1.854	1.837	0.017	92	570985	220.0	217.3	
6 Bromomethane	94	2.133	2.116	0.017	99	388553	220.0	203.3	
7 Chloroethane	64	2.215	2.190	0.025	100	348681	220.0	216.9	
8 Dichlorofluoromethane	67	2.379	2.363	0.016	97	942831	220.0	212.4	
9 Trichlorofluoromethane	101	2.379	2.371	0.008	69	781504	220.0	228.7	
10 Pentane	72	2.404	2.396	0.008	97	141290	400.0	349.3	
12 Ethyl ether	59	2.593	2.585	0.008	95	424303	200.0	183.5	
11 Ethanol	46	2.593	2.601	-0.008	66	92316	8000.0	7132.9	
13 2-Methyl-1,3-butadiene	53	2.618	2.610	0.008	92	381064	200.0	184.5	
14 1,2-Dichloro-1,1,2-trifluo	117	2.651	2.634	0.017	94	365869	200.0	182.5	
16 1,1,2-Trichloro-1,2,2-trif	101	2.790	2.774	0.016	53	298778	200.0	169.8	
15 Acrolein	56	2.774	2.774	0.000	70	88134	200.0	195.5	
17 1,1-Dichloroethene	96	2.807	2.798	0.009	98	449502	200.0	183.5	
18 Acetone	43	2.897	2.897	0.000	92	695667	1000.0	959.0	
19 Iodomethane	142	2.963	2.955	0.008	98	847835	200.0	197.5	
20 Isopropyl alcohol	45	2.987	2.971	0.016	55	236155	2000.0	1935.0	
21 Carbon disulfide	76	2.996	2.987	0.009	98	1433810	200.0	180.4	
22 3-Chloro-1-propene	41	3.119	3.111	0.008	98	850851	200.0	184.5	
24 Methyl acetate	43	3.127	3.119	0.008	98	1645826	1000.0	930.7	
23 Cyclopentene	67	3.144	3.135	0.009	90	1091032	200.0	180.6	
25 Acetonitrile	41	3.193	3.209	-0.016	95	772401	2000.0	1967.9	
27 Methylene Chloride	84	3.250	3.242	0.008	90	541531	200.0	185.5	
* 26 TBA-d9 (IS)	65	3.275	3.259	0.016	39	179369	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.324	3.324	0.000	81	473054	2000.0	1901.0	
29 Methyl tert-butyl ether	73	3.407	3.398	0.009	97	1367473	200.0	186.6	
30 trans-1,2-Dichloroethene	96	3.431	3.423	0.008	95	507821	200.0	187.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.505	3.497	0.008	95	1891932	2000.0	1838.0	
32 Hexane	43	3.579	3.571	0.008	91	392792	200.0	181.8	
33 Isopropyl ether	45	3.793	3.776	0.017	95	1525620	200.0	186.3	
34 1,1-Dichloroethane	63	3.826	3.817	0.009	99	875709	200.0	182.8	
35 Vinyl acetate	86	3.834	3.826	0.008	94	185629	400.0	380.5	
36 2-Chloro-1,3-butadiene	88	3.867	3.858	0.009	90	479909	200.0	190.4	
37 Tert-butyl ethyl ether	59	4.105	4.097	0.008	89	1460793	200.0	189.3	
* 38 2-Butanone-d5	46	4.302	4.294	0.008	75	210324	250.0	250.0	
39 2,2-Dichloropropane	97	4.327	4.310	0.017	94	135437	200.0	170.0	
40 cis-1,2-Dichloroethene	96	4.343	4.335	0.008	97	578313	200.0	179.8	
42 Ethyl acetate	70	4.351	4.343	0.008	97	106920	400.0	423.3	
41 2-Butanone (MEK)	72	4.360	4.343	0.017	97	276372	1000.0	947.0	
43 Methyl acrylate	55	4.409	4.393	0.016	99	421896	200.0	203.6	
44 Propionitrile	54	4.491	4.483	0.008	99	675664	2000.0	1892.7	
45 Chlorobromomethane	128	4.565	4.557	0.008	86	284372	200.0	187.4	
46 Tetrahydrofuran	72	4.565	4.557	0.008	91	123602	400.0	355.4	
47 Methacrylonitrile	67	4.590	4.582	0.008	90	1954389	2000.0	1935.0	
48 Chloroform	83	4.614	4.606	0.008	99	858997	200.0	187.4	
49 Cyclohexane	84	4.746	4.738	0.008	91	512486	200.0	166.9	
50 1,1,1-Trichloroethane	97	4.762	4.754	0.008	98	604297	200.0	173.1	
\$ 51 Dibromofluoromethane (Surr	113	4.771	4.762	0.009	97	104312	50.0	48.2	
52 Carbon tetrachloride	117	4.886	4.877	0.009	99	561948	200.0	178.1	
53 1,1-Dichloropropene	75	4.910	4.902	0.008	99	670568	200.0	183.3	
54 Isobutyl alcohol	43	5.025	5.017	0.008	90	603335	5000.0	4307.1	
55 Benzene	78	5.107	5.099	0.008	96	1998065	200.0	186.4	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.124	5.116	0.008	94	113555	50.0	49.2	
57 Isopropyl acetate	43	5.157	5.149	0.008	98	1377192	200.0	197.1	
58 Tert-amyl methyl ether	73	5.165	5.165	0.000	92	1650092	200.0	194.8	
59 1,2-Dichloroethane	62	5.198	5.190	0.008	97	615508	200.0	187.0	
60 n-Heptane	57	5.255	5.247	0.008	90	350604	200.0	206.1	
* 61 Fluorobenzene	96	5.395	5.387	0.008	99	439078	50.0	50.0	
62 n-Butanol	56	5.691	5.683	0.008	86	311059	5000.0	5349.5	
63 Trichloroethene	95	5.740	5.740	0.000	98	516578	200.0	197.5	
64 Methylcyclohexane	83	5.872	5.863	0.009	82	664128	200.0	162.7	
65 Ethyl acrylate	55	5.863	5.863	0.000	98	1029429	200.0	188.1	
66 1,2-Dichloropropane	63	6.036	6.028	0.008	94	512241	200.0	200.0	
* 67 1,4-Dioxane-d8	96	6.085	6.085	0.000	39	19574	1000.0	1000.0	M
68 Methyl methacrylate	100	6.102	6.102	0.000	85	254539	400.0	414.0	
70 n-Propyl acetate	43	6.159	6.151	0.008	97	565069	200.0	200.6	
69 1,4-Dioxane	88	6.143	6.151	-0.008	32	87144	4000.0	3246.7	
71 Dibromomethane	93	6.167	6.159	0.008	94	308400	200.0	203.3	
72 Dichlorobromomethane	83	6.315	6.307	0.008	99	644535	200.0	199.8	
74 2-Chloroethyl vinyl ether	63	6.644	6.636	0.008	89	296538	200.0	210.8	
73 2-Nitropropane	41	6.644	6.644	0.000	81	203269	400.0	379.4	
75 Epichlorohydrin	57	6.759	6.751	0.008	99	882061	4000.0	3783.2	
76 cis-1,3-Dichloropropene	75	6.808	6.808	0.000	91	832381	200.0	207.1	
77 4-Methyl-2-pentanone (MIBK	43	6.973	6.973	0.000	95	2156943	1000.0	979.6	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.055	0.000	99	408172	50.0	50.9	
79 Toluene	91	7.137	7.129	0.008	94	2079342	200.0	193.6	
80 trans-1,3-Dichloropropene	75	7.482	7.474	0.008	96	702930	200.0	203.5	
81 Ethyl methacrylate	69	7.507	7.507	0.000	87	643192	200.0	205.4	
82 1,1,2-Trichloroethane	83	7.696	7.696	0.000	96	360532	200.0	197.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.745	7.737	0.008	98	544678	200.0	191.9	
84 1,3-Dichloropropane	76	7.909	7.909	0.000	92	710373	200.0	198.4	
85 2-Hexanone	43	7.967	7.967	0.000	94	1394511	1000.0	991.5	
86 n-Butyl acetate	43	8.082	8.082	0.000	98	690269	200.0	199.3	
87 Chlorodibromomethane	129	8.139	8.139	0.000	98	520378	200.0	202.5	
88 Ethylene Dibromide	107	8.296	8.296	0.000	98	423225	200.0	193.8	
* 89 Chlorobenzene-d5	117	8.846	8.846	0.000	84	306303	50.0	50.0	
90 Chlorobenzene	112	8.879	8.879	0.000	95	1388943	200.0	194.1	
91 Ethylbenzene	106	8.986	8.986	0.000	98	747901	200.0	190.3	
92 1,1,1,2-Tetrachloroethane	131	9.002	9.002	0.000	96	538157	200.0	195.9	
93 m-Xylene & p-Xylene	106	9.134	9.134	0.000	96	924939	200.0	192.7	
94 n-Butyl acrylate	73	9.553	9.553	0.000	98	411418	200.0	205.3	
95 o-Xylene	106	9.569	9.569	0.000	96	934341	200.0	187.6	
96 Styrene	104	9.602	9.602	0.000	96	1570467	200.0	196.5	
97 Amyl acetate (mixed isomer	43	9.775	9.775	0.000	92	952753	200.0	206.7	
98 Bromoform	173	9.799	9.799	0.000	98	380830	200.0	201.2	
99 Isopropylbenzene	105	9.914	9.906	0.008	96	2284498	200.0	184.4	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	92	138153	50.0	48.2	
101 Bromobenzene	156	10.202	10.202	0.000	96	644796	200.0	190.4	
102 1,1,2,2-Tetrachloroethane	83	10.243	10.235	0.008	99	583279	200.0	197.0	
103 N-Propylbenzene	91	10.259	10.259	0.000	100	2617521	200.0	188.6	
104 1,2,3-Trichloropropane	110	10.284	10.276	0.008	98	178047	200.0	181.8	
105 trans-1,4-Dichloro-2-buten	53	10.292	10.292	0.000	79	173571	200.0	213.4	
106 2-Chlorotoluene	91	10.350	10.350	0.000	97	1875930	200.0	189.4	
107 4-Ethyltoluene	105	10.358	10.358	0.000	98	2251076	200.0	189.3	
108 1,3,5-Trimethylbenzene	105	10.407	10.407	0.000	93	2004890	200.0	192.7	
109 4-Chlorotoluene	91	10.440	10.440	0.000	97	1771022	200.0	187.7	
110 Butyl Methacrylate	87	10.481	10.481	0.000	90	798093	200.0	213.1	
111 tert-Butylbenzene	119	10.646	10.637	0.009	94	1665040	200.0	197.0	
112 1,2,4-Trimethylbenzene	105	10.687	10.687	0.000	98	2050203	200.0	189.2	
113 sec-Butylbenzene	105	10.802	10.802	0.000	98	2327171	200.0	189.1	
114 4-Isopropyltoluene	119	10.900	10.900	0.000	97	2028834	200.0	188.7	
115 1,3-Dichlorobenzene	146	10.900	10.900	0.000	97	1188793	200.0	191.2	
* 116 1,4-Dichlorobenzene-d4	152	10.958	10.958	0.000	93	190457	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.974	10.966	0.008	95	1221798	200.0	187.8	
132 1,2,3-Trimethylbenzene	105	10.983	10.983	0.000	95	2116245	200.0	187.9	
118 Benzyl chloride	91	11.073	11.065	0.008	99	1414797	200.0	206.8	
119 2,3-Dihydroindene	117	11.114	11.114	0.000	94	2096700	200.0	186.8	
120 p-Diethylbenzene	119	11.147	11.147	0.000	94	1185798	200.0	191.8	
121 n-Butylbenzene	92	11.163	11.163	0.000	99	1061773	200.0	192.6	
122 1,2-Dichlorobenzene	146	11.221	11.213	0.008	97	1187934	200.0	187.5	
123 1,2,4,5-Tetramethylbenzene	119	11.632	11.623	0.009	98	1987548	200.0	189.3	
124 1,2-Dibromo-3-Chloropropan	75	11.706	11.706	0.000	92	106691	200.0	184.1	
125 1,3,5-Trichlorobenzene	180	11.788	11.788	0.000	98	875962	200.0	186.7	
126 1,2,4-Trichlorobenzene	180	12.190	12.190	0.000	94	822014	200.0	186.6	
127 Hexachlorobutadiene	225	12.256	12.256	0.000	98	419258	200.0	192.9	
128 Naphthalene	128	12.371	12.363	0.008	99	1821482	200.0	190.7	
129 1,2,3-Trichlorobenzene	180	12.536	12.527	0.009	96	745419	200.0	184.3	
S 130 1,2-Dichloroethene, Total	100				0		400.0	366.8	
S 131 Xylenes, Total	100				0		400.0	380.3	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00068	Amount Added: 20.00	Units: uL
GASES Li_00227	Amount Added: 20.00	Units: uL
Ethanol mix_00005	Amount Added: 20.00	Units: uL
MIX 2 Hi_00060	Amount Added: 20.00	Units: uL
MIX I Hi_00078	Amount Added: 20.00	Units: uL
GAS Hi_00220	Amount Added: 20.00	Units: uL
VOA6IS/SURR_00004	Amount Added: 5.00	Units: uL

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS6\\20171002-61230.b\\F54408.D

Injection Date: 03-Oct-2017 04:47:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD200

Worklist Smp#: 11

Client ID:

Injection Vol: 1.0 uL

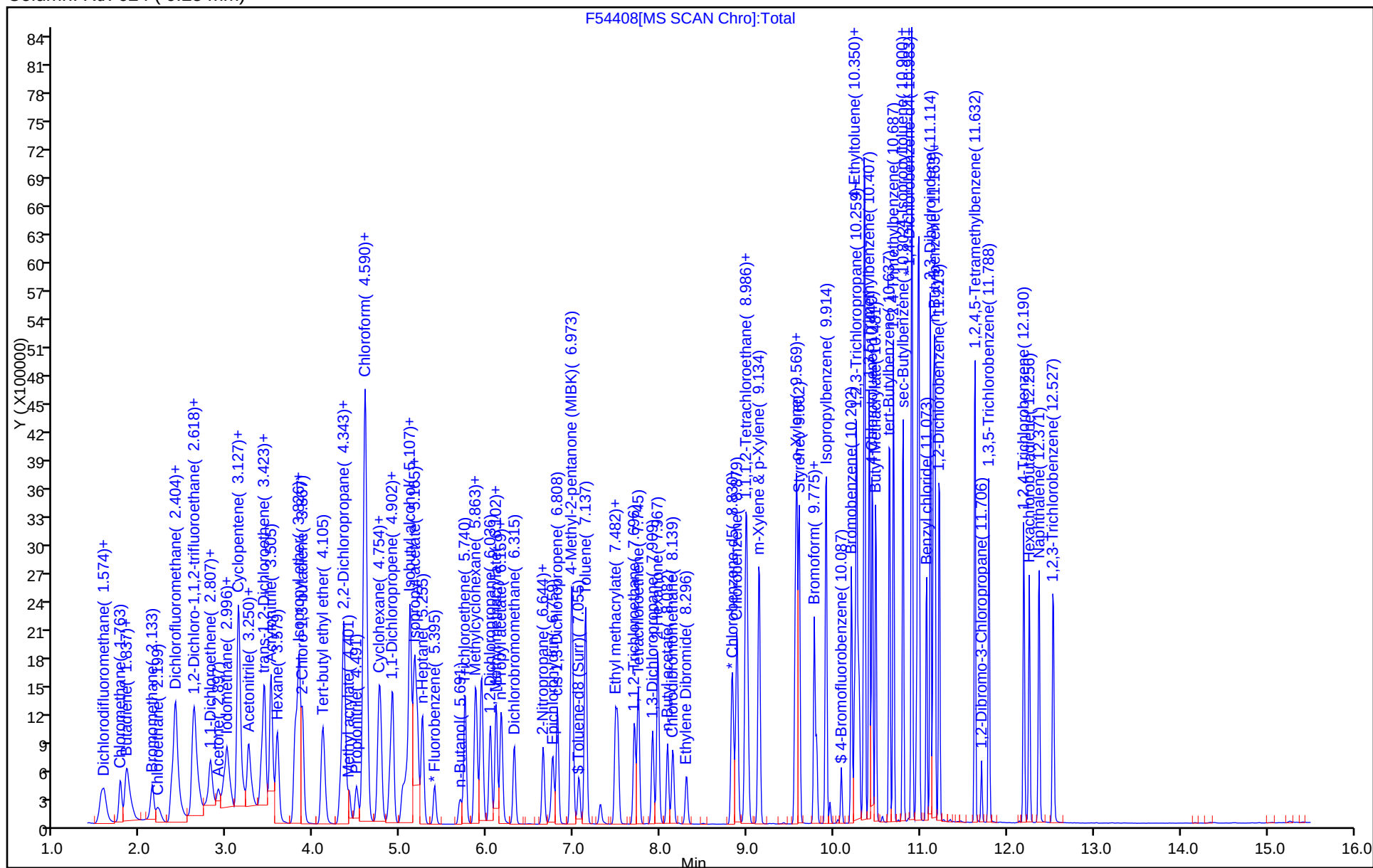
Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54408.D

Injection Date: 03-Oct-2017 04:47:30

Instrument ID: CVOAMS6

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 11

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

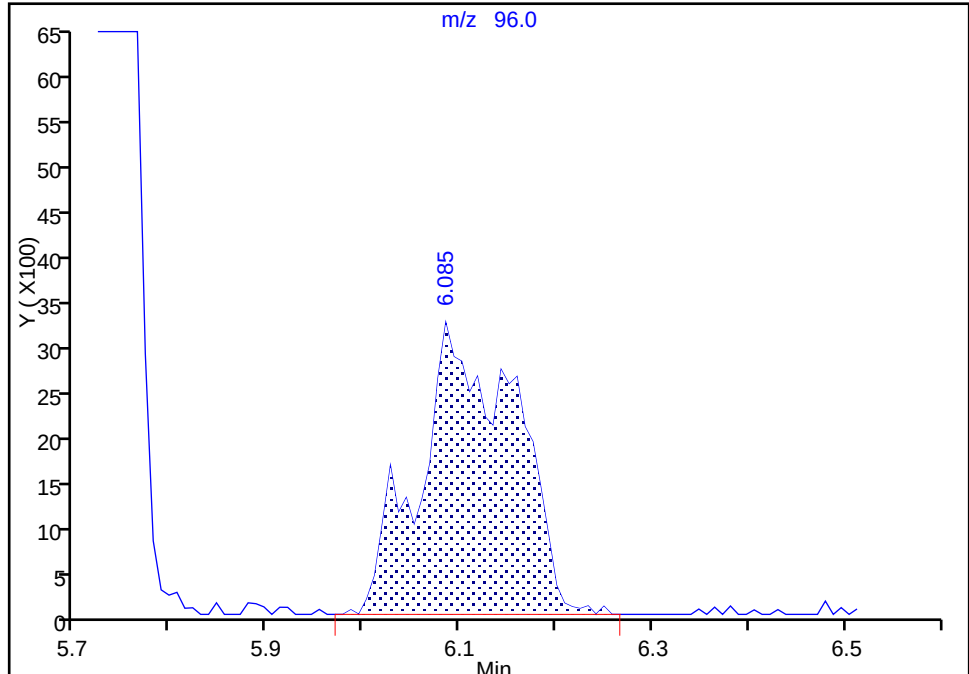
Detector: MS SCAN

* 67 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

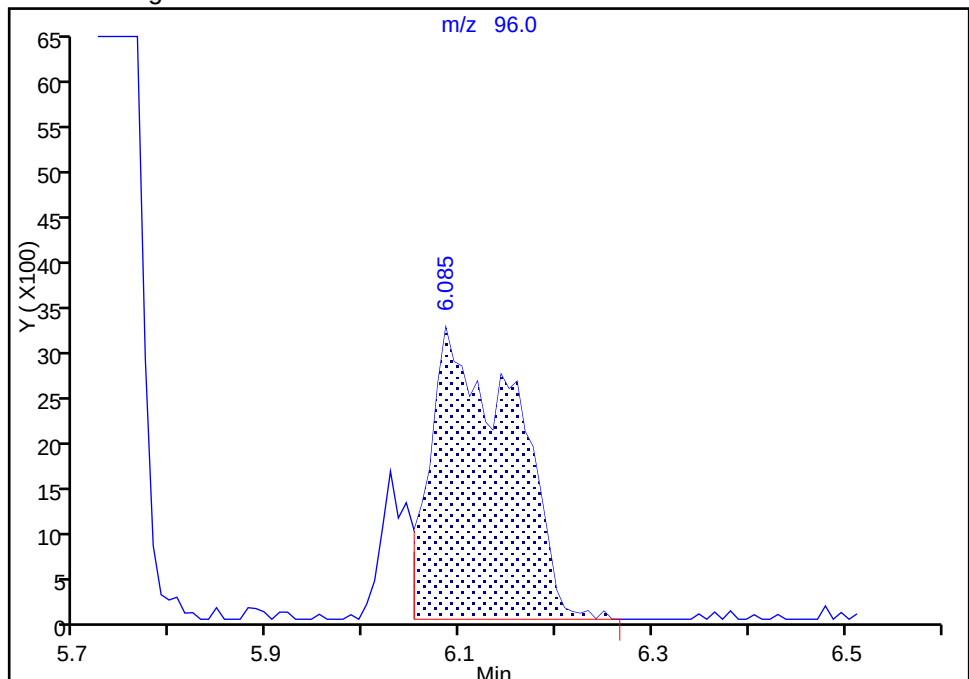
RT: 6.09
Area: 22387
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 6.09
Area: 19574
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 03-Oct-2017 12:47:49

Audit Action: Split an Integrated Peak

Audit Reason: Shouldering

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54409.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 03-Oct-2017 05:10:30 ALS Bottle#: 11 Worklist Smp#: 12
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0061230-012
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub42
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 03-Oct-2017 13:48:42 Calib Date: 03-Oct-2017 09:23:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK022

First Level Reviewer: martineze

Date: 03-Oct-2017 07:55:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.541	1.533	0.008	88	267990	500.0	437.0	
2 Dichlorodifluoromethane	85	1.582	1.574	0.008	99	1989687	550.0	508.3	
3 Chloromethane	50	1.771	1.755	0.016	99	1572114	550.0	454.3	
4 Vinyl chloride	62	1.837	1.829	0.008	99	1574705	550.0	468.1	
5 Butadiene	54	1.878	1.837	0.041	96	1390939	550.0	484.0	
6 Bromomethane	94	2.141	2.116	0.025	99	930333	550.0	445.5	
7 Chloroethane	64	2.207	2.190	0.017	100	796989	550.0	453.7	
8 Dichlorofluoromethane	67	2.387	2.363	0.024	99	2276053	550.0	469.2	
9 Trichlorofluoromethane	101	2.379	2.371	0.008	99	1917979	550.0	513.7	
10 Pentane	72	2.404	2.396	0.008	95	323577	1000.0	732.2	
12 Ethyl ether	59	2.601	2.585	0.016	94	1076875	500.0	426.3	
11 Ethanol	46	2.601	2.601	0.000	68	177358	20000	11009	M
13 2-Methyl-1,3-butadiene	53	2.618	2.610	0.008	91	926793	500.0	410.7	
14 1,2-Dichloro-1,1,2-trifluo	117	2.650	2.634	0.016	96	977918	500.0	446.4	
15 Acrolein	56	2.774	2.774	0.000	89	181758	400.0	323.9	
16 1,1,2-Trichloro-1,2,2-trif	101	2.798	2.774	0.024	49	847045	500.0	440.7	
17 1,1-Dichloroethene	96	2.807	2.798	0.009	98	1182932	500.0	442.0	
18 Acetone	43	2.905	2.897	0.008	89	1630925	2500.0	1970.7	
19 Iodomethane	142	2.971	2.955	0.016	98	2232213	500.0	476.0	
20 Isopropyl alcohol	45	2.987	2.971	0.016	34	441667	5000.0	2907.4	
21 Carbon disulfide	76	3.004	2.987	0.017	99	3858277	500.0	444.2	
22 3-Chloro-1-propene	41	3.119	3.111	0.008	99	1973177	500.0	391.6	
24 Methyl acetate	43	3.127	3.119	0.008	98	4091479	2500.0	2117.6	
23 Cyclopentene	67	3.143	3.135	0.008	93	2686929	500.0	407.0	
25 Acetonitrile	41	3.193	3.209	-0.016	94	1691325	5000.0	3943.9	
27 Methylene Chloride	84	3.250	3.242	0.008	89	1413222	500.0	443.0	
* 26 TBA-d9 (IS)	65	3.258	3.259	-0.001	33	223265	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.341	3.324	0.017	91	1117634	5000.0	3608.3	
29 Methyl tert-butyl ether	73	3.406	3.398	0.008	97	3517626	500.0	439.4	
30 trans-1,2-Dichloroethene	96	3.431	3.423	0.008	94	1278880	500.0	430.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.505	3.497	0.008	94	4678665	5000.0	4160.0	
32 Hexane	43	3.579	3.571	0.008	91	959533	500.0	406.5	
33 Isopropyl ether	45	3.793	3.776	0.017	94	3719757	500.0	415.7	
34 1,1-Dichloroethane	63	3.825	3.817	0.008	99	2125143	500.0	405.9	
35 Vinyl acetate	86	3.834	3.826	0.008	93	473240	1000.0	887.9	
36 2-Chloro-1,3-butadiene	88	3.867	3.858	0.009	90	1236602	500.0	448.9	
37 Tert-butyl ethyl ether	59	4.105	4.097	0.008	90	3657529	500.0	433.9	
* 38 2-Butanone-d5	46	4.302	4.294	0.008	83	239960	250.0	250.0	
39 2,2-Dichloropropane	97	4.327	4.310	0.017	94	337657	500.0	388.0	
40 cis-1,2-Dichloroethene	96	4.343	4.335	0.008	98	1477214	500.0	420.4	
41 2-Butanone (MEK)	72	4.360	4.343	0.017	97	727630	2500.0	2185.4	
42 Ethyl acetate	70	4.351	4.343	0.008	97	286729	1000.0	996.4	
43 Methyl acrylate	55	4.409	4.393	0.016	100	1129102	500.0	521.6	
44 Propionitrile	54	4.499	4.483	0.016	98	1762470	5000.0	4518.6	
46 Tetrahydrofuran	72	4.565	4.557	0.008	59	310428	1000.0	782.2	
45 Chlorobromomethane	128	4.565	4.557	0.008	89	724398	500.0	436.8	
47 Methacrylonitrile	67	4.598	4.582	0.016	90	4734600	5000.0	4290.4	
48 Chloroform	83	4.622	4.606	0.016	99	2161690	500.0	431.6	
49 Cyclohexane	84	4.754	4.738	0.016	90	1294459	500.0	385.8	
50 1,1,1-Trichloroethane	97	4.762	4.754	0.008	98	1518239	500.0	397.9	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.762	0.008	97	115120	50.0	48.7	
52 Carbon tetrachloride	117	4.885	4.877	0.008	99	1453018	500.0	421.6	
53 1,1-Dichloropropene	75	4.910	4.902	0.008	98	1753505	500.0	438.6	
54 Isobutyl alcohol	43	5.033	5.017	0.016	94	1374810	12500	7884.9	
55 Benzene	78	5.107	5.099	0.008	98	5016641	500.0	448.0	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.124	5.116	0.008	93	129812	50.0	51.5	
57 Isopropyl acetate	43	5.157	5.149	0.008	98	3557348	500.0	466.1	
58 Tert-amyl methyl ether	73	5.173	5.165	0.008	92	4140842	500.0	447.3	
59 1,2-Dichloroethane	62	5.198	5.190	0.008	97	1609719	500.0	447.6	
60 n-Heptane	57	5.255	5.247	0.008	91	898012	500.0	483.2	
* 61 Fluorobenzene	96	5.395	5.387	0.008	99	479741	50.0	50.0	
62 n-Butanol	56	5.691	5.683	0.008	86	710378	12500	9814.9	
63 Trichloroethene	95	5.748	5.740	0.008	98	1281564	500.0	448.5	
65 Ethyl acrylate	55	5.863	5.863	0.000	99	2499407	500.0	418.0	
64 Methylcyclohexane	83	5.871	5.863	0.008	84	1472188	500.0	330.1	
66 1,2-Dichloropropane	63	6.036	6.028	0.008	93	1241847	500.0	443.7	
* 67 1,4-Dioxane-d8	96	6.167	6.085	0.082	51	20490	1000.0	1000.0	M
68 Methyl methacrylate	100	6.110	6.102	0.008	86	656150	1000.0	976.8	
69 1,4-Dioxane	88	6.151	6.151	0.000	88	165332	10000	5884.3	
70 n-Propyl acetate	43	6.159	6.151	0.008	97	1500344	500.0	487.5	
71 Dibromomethane	93	6.167	6.159	0.008	93	753500	500.0	454.7	
72 Dichlorobromomethane	83	6.315	6.307	0.008	99	1595211	500.0	452.5	
74 2-Chloroethyl vinyl ether	63	6.644	6.636	0.008	79	764192	500.0	497.1	
73 2-Nitropropane	41	6.652	6.644	0.008	79	535710	1000.0	915.2	
75 Epichlorohydrin	57	6.759	6.751	0.008	99	2117408	10000	7960.0	
76 cis-1,3-Dichloropropene	75	6.816	6.808	0.008	91	2051048	500.0	488.3	
77 4-Methyl-2-pentanone (MIBK	43	6.981	6.973	0.008	94	4989882	2500.0	1986.3	
\$ 78 Toluene-d8 (Surr)	98	7.063	7.055	0.008	99	429383	50.0	51.2	
79 Toluene	91	7.137	7.129	0.008	94	4922254	500.0	438.7	
80 trans-1,3-Dichloropropene	75	7.482	7.474	0.008	98	1773038	500.0	491.3	
81 Ethyl methacrylate	69	7.507	7.507	0.000	88	1584554	500.0	484.4	
82 1,1,2-Trichloroethane	83	7.696	7.696	0.000	96	905433	500.0	475.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.745	7.737	0.008	98	1364108	500.0	459.9	
84 1,3-Dichloropropane	76	7.909	7.909	0.000	92	1796678	500.0	480.2	
85 2-Hexanone	43	7.975	7.967	0.008	94	3356217	2500.0	2091.5	
86 n-Butyl acetate	43	8.082	8.082	0.000	98	1722439	500.0	476.0	
87 Chlorodibromomethane	129	8.148	8.139	0.009	98	1308284	500.0	487.1	
88 Ethylene Dibromide	107	8.304	8.296	0.008	99	1067887	500.0	467.9	
* 89 Chlorobenzene-d5	117	8.846	8.846	0.000	84	320051	50.0	50.0	
90 Chlorobenzene	112	8.887	8.879	0.008	94	3338362	500.0	446.5	
91 Ethylbenzene	106	8.986	8.986	0.000	98	1776470	500.0	432.5	
92 1,1,1,2-Tetrachloroethane	131	9.002	9.002	0.000	96	1282950	500.0	446.8	
93 m-Xylene & p-Xylene	106	9.142	9.134	0.008	96	2197844	500.0	438.1	
94 n-Butyl acrylate	73	9.553	9.553	0.000	99	987818	500.0	471.7	
95 o-Xylene	106	9.577	9.569	0.008	95	2128243	500.0	409.0	
96 Styrene	104	9.602	9.602	0.000	94	3617871	500.0	433.2	
97 Amyl acetate (mixed isomer	43	9.774	9.775	-0.001	92	2236079	500.0	484.6	
98 Bromoform	173	9.799	9.799	0.000	98	953276	500.0	481.9	
99 Isopropylbenzene	105	9.914	9.906	0.008	97	5017146	500.0	387.6	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	92	143131	50.0	47.8	
101 Bromobenzene	156	10.202	10.202	0.000	95	1527994	500.0	450.8	
102 1,1,2,2-Tetrachloroethane	83	10.243	10.235	0.008	97	1361378	500.0	459.3	
103 N-Propylbenzene	91	10.259	10.259	0.000	98	5345449	500.0	384.7	
104 1,2,3-Trichloropropane	110	10.284	10.276	0.008	98	417627	500.0	425.9	
105 trans-1,4-Dichloro-2-buten	53	10.292	10.292	0.000	85	413156	500.0	507.4	
106 2-Chlorotoluene	91	10.350	10.350	0.000	97	3941403	500.0	397.5	
107 4-Ethyltoluene	105	10.358	10.358	0.000	96	4629235	500.0	388.9	
108 1,3,5-Trimethylbenzene	105	10.407	10.407	0.000	94	4208008	500.0	404.0	
109 4-Chlorotoluene	91	10.448	10.440	0.008	96	3863159	500.0	408.9	
110 Butyl Methacrylate	87	10.481	10.481	0.000	90	1773904	500.0	473.0	
111 tert-Butylbenzene	119	10.645	10.637	0.008	93	3499729	500.0	413.6	
112 1,2,4-Trimethylbenzene	105	10.687	10.687	0.000	98	4214035	500.0	388.5	
113 sec-Butylbenzene	105	10.802	10.802	0.000	96	4681439	500.0	380.0	
115 1,3-Dichlorobenzene	146	10.908	10.900	0.008	95	2456986	500.0	394.7	
114 4-Isopropyltoluene	119	10.900	10.900	0.000	95	3955695	500.0	367.5	
* 116 1,4-Dichlorobenzene-d4	152	10.958	10.958	0.000	94	190674	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.974	10.966	0.008	94	2615588	500.0	401.6	
132 1,2,3-Trimethylbenzene	105	10.982	10.983	-0.001	95	4225990	500.0	374.8	
118 Benzyl chloride	91	11.073	11.065	0.008	99	3141798	500.0	458.7	
119 2,3-Dihydroindene	117	11.114	11.114	0.000	95	4260553	500.0	379.1	
120 p-Diethylbenzene	119	11.147	11.147	0.000	94	2416088	500.0	390.3	
121 n-Butylbenzene	92	11.163	11.163	0.000	96	2150629	500.0	389.7	
122 1,2-Dichlorobenzene	146	11.221	11.213	0.008	96	2595115	500.0	409.1	
123 1,2,4,5-Tetramethylbenzene	119	11.631	11.623	0.008	98	3812621	500.0	362.8	
124 1,2-Dibromo-3-Chloropropan	75	11.705	11.706	-0.001	93	249095	500.0	429.3	
125 1,3,5-Trichlorobenzene	180	11.788	11.788	0.000	98	1807640	500.0	384.9	
126 1,2,4-Trichlorobenzene	180	12.190	12.190	0.000	95	1679617	500.0	380.8	
127 Hexachlorobutadiene	225	12.256	12.256	0.000	98	887203	500.0	407.7	
128 Naphthalene	128	12.371	12.363	0.008	99	3759944	500.0	393.2	
129 1,2,3-Trichlorobenzene	180	12.527	12.527	0.000	96	1533070	500.0	378.7	
S 130 1,2-Dichloroethene, Total	100				0		1000.0	851.4	
S 131 Xylenes, Total	100				0		1000.0	847.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00068	Amount Added: 40.00	Units: uL
GASES Li_00227	Amount Added: 50.00	Units: uL
Ethanol mix_00005	Amount Added: 50.00	Units: uL
MIX 2 Hi_00060	Amount Added: 50.00	Units: uL
MIX I Hi_00078	Amount Added: 50.00	Units: uL
GAS Hi_00220	Amount Added: 50.00	Units: uL
VOA6IS/SURR_00004	Amount Added: 5.00	Units: uL

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS6\\20171002-61230.b\\F54409.D

Injection Date: 03-Oct-2017 05:10:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD500

Worklist Smp#: 12

Client ID:

Injection Vol: 1.0 uL

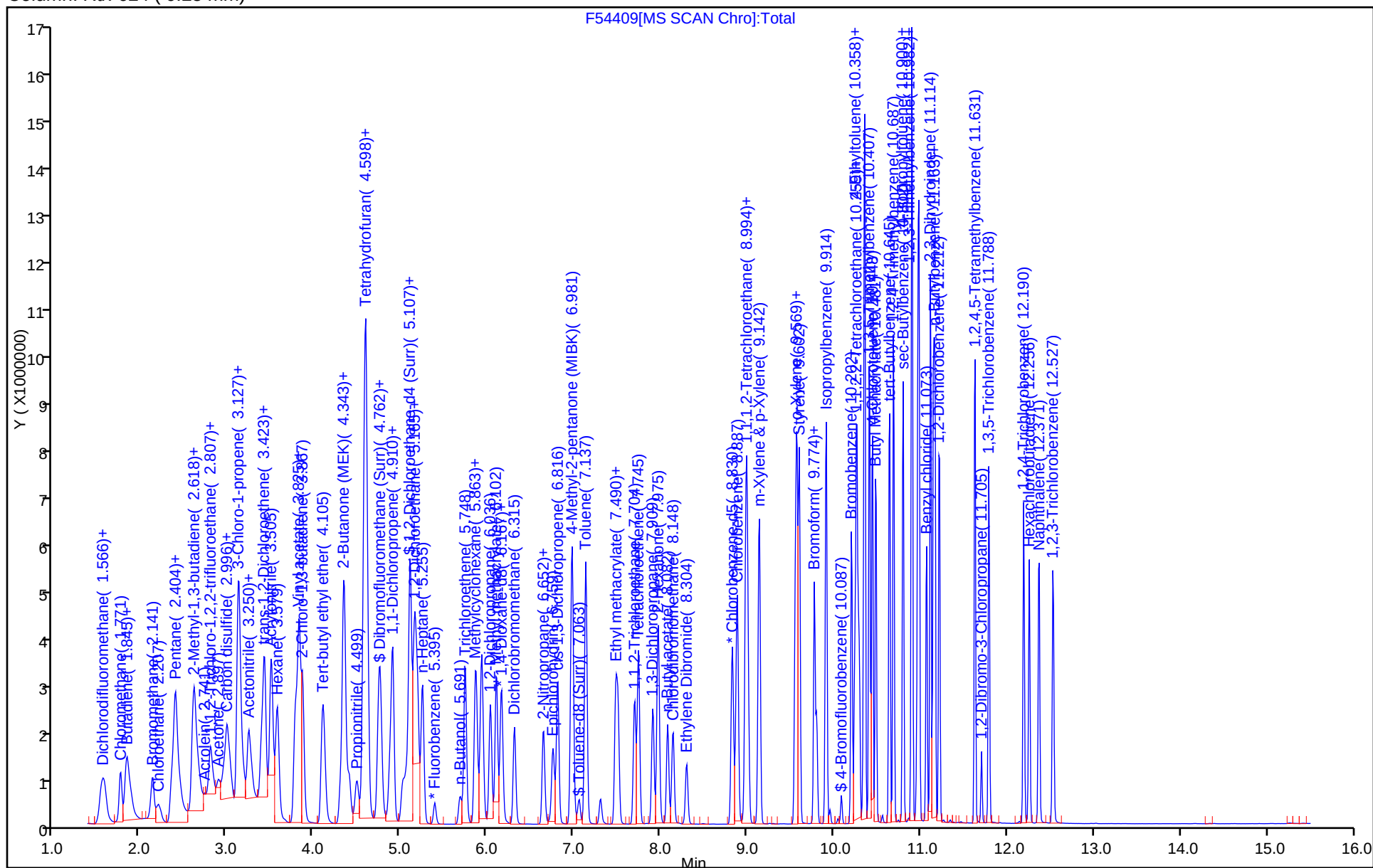
Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54409.D

Injection Date: 03-Oct-2017 05:10:30

Instrument ID: CVOAMS6

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

11

Worklist Smp#:

12

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

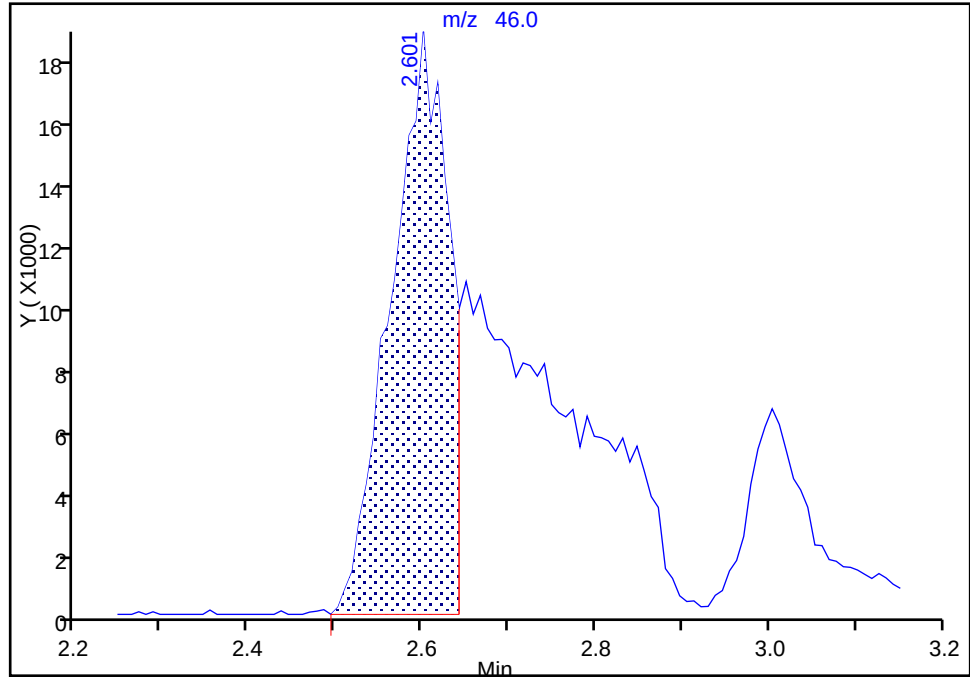
Detector: MS SCAN

11 Ethanol, CAS: 64-17-5

Signal: 1

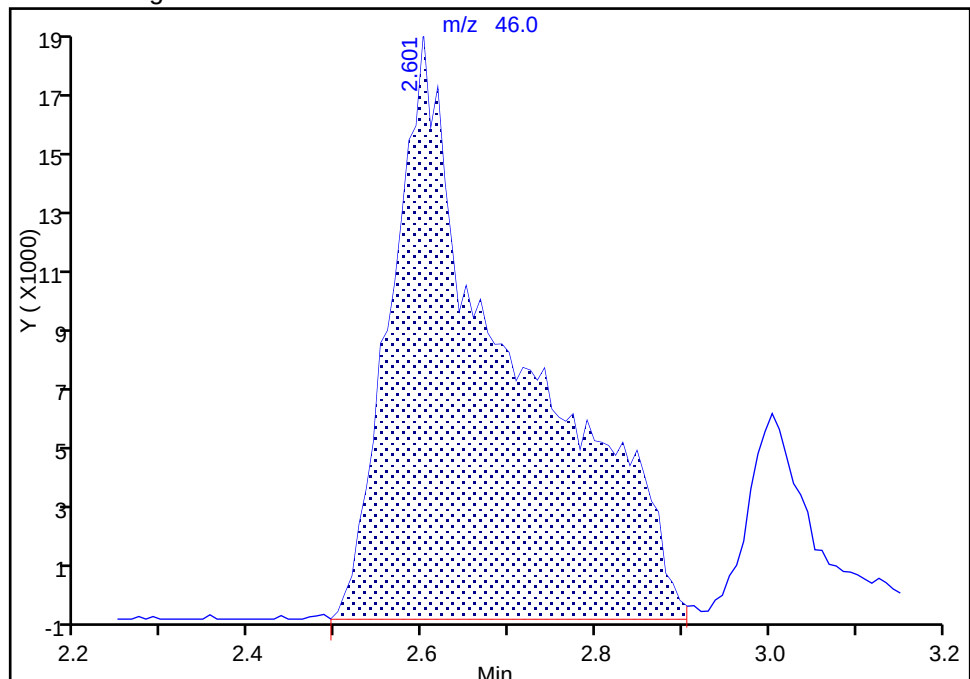
RT: 2.60
Area: 83592
Amount: 5120.9776
Amount Units: ug/l

Processing Integration Results



RT: 2.60
Area: 177358
Amount: 11009
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 03-Oct-2017 12:48:28

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54409.D

Injection Date: 03-Oct-2017 05:10:30

Instrument ID: CVOAMS6

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

11

Worklist Smp#: 12

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

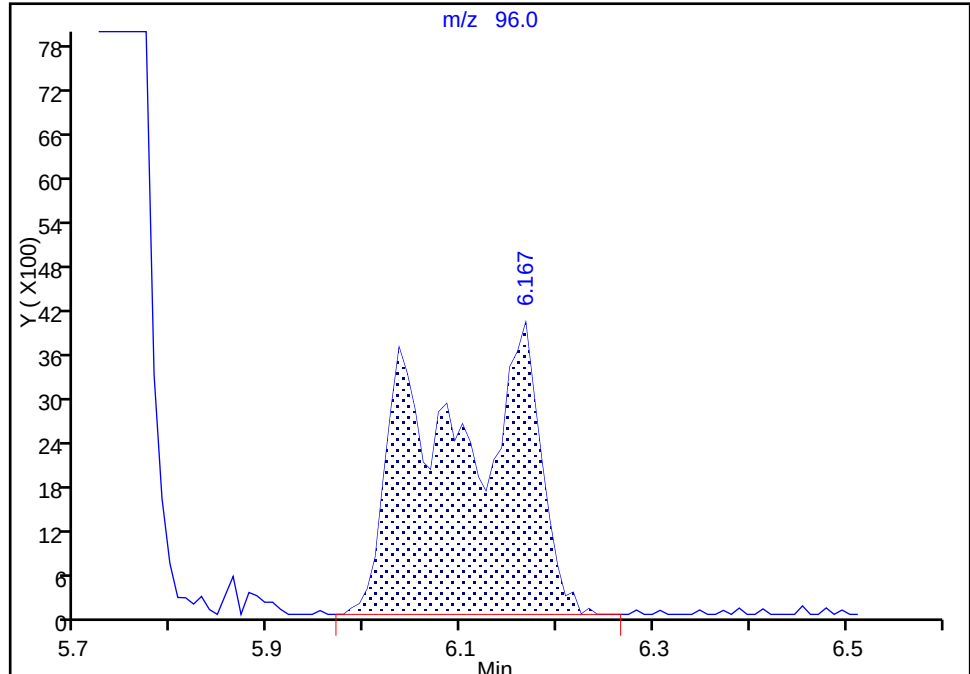
Detector MS SCAN

* 67 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

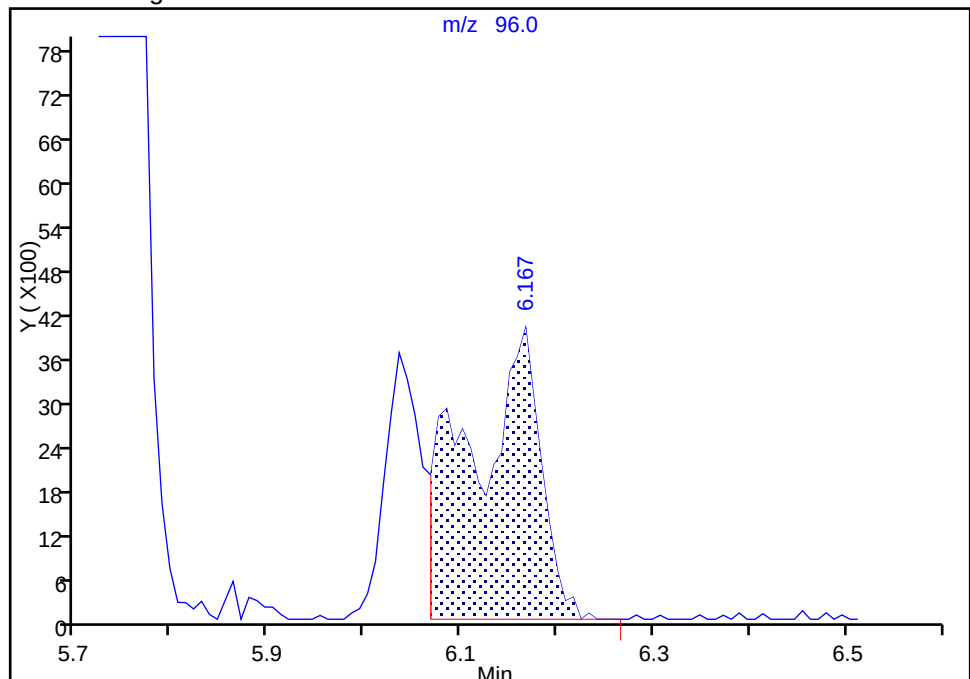
RT: 6.17
Area: 29280
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 6.17
Area: 20490
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 03-Oct-2017 12:48:09

Audit Action: Split an Integrated Peak

Audit Reason: Shouldering

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 03-Oct-2017 09:23:30 ALS Bottle#: 15 Worklist Smp#: 32
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0061230-032
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub42
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 03-Oct-2017 13:48:50 Calib Date: 03-Oct-2017 09:23:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK022

First Level Reviewer: martineze

Date: 03-Oct-2017 09:45:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.533	1.533	0.000	40	588	1.00	1.07	M
2 Dichlorodifluoromethane	85	1.574	1.574	0.000	78	2952	1.00	0.8454	
3 Chloromethane	50	1.763	1.755	0.008	99	2886	1.00	0.9349	
4 Vinyl chloride	62	1.845	1.829	0.016	67	3007	1.00	1.00	
5 Butadiene	54	1.870	1.837	0.033	36	1585	1.00	0.9818	
6 Bromomethane	94	2.133	2.116	0.017	89	1800	1.00	0.9663	
7 Chloroethane	64	2.182	2.190	-0.008	61	1548	1.00	0.9879	
8 Dichlorofluoromethane	67	2.363	2.363	0.000	58	4173	1.00	0.9644	
9 Trichlorofluoromethane	101	2.371	2.371	0.000	42	2466	1.00	0.7405	
10 Pentane	72	2.404	2.396	0.008	91	1024	2.00	2.60	
12 Ethyl ether	59	2.601	2.585	0.016	80	2716	1.00	1.21	
11 Ethanol	46	2.585	2.601	-0.016	5	540	40.0	43.1	M
13 2-Methyl-1,3-butadiene	53	2.618	2.610	0.008	94	2443	1.00	1.21	
14 1,2-Dichloro-1,1,2-trifluo	117	2.651	2.634	0.017	72	1952	1.00	1.00	
16 1,1,2-Trichloro-1,2,2-trif	101	2.774	2.774	0.000	48	1852	1.00	1.08	
15 Acrolein	56	2.782	2.774	0.008	51	1768	4.00	4.05	
17 1,1-Dichloroethene	96	2.815	2.798	0.017	70	2474	1.00	1.04	
18 Acetone	43	2.897	2.897	0.000	62	4271	5.00	6.29	M
19 Iodomethane	142	2.963	2.955	0.008	88	4266	1.00	1.02	
20 Isopropyl alcohol	45	2.996	2.971	0.025	1	1222	10.0	10.3	M
21 Carbon disulfide	76	3.004	2.987	0.017	98	8817	1.00	1.14	
22 3-Chloro-1-propene	41	3.119	3.111	0.008	82	5327	1.00	1.19	
24 Methyl acetate	43	3.127	3.119	0.008	99	10053	5.00	5.83	
23 Cyclopentene	67	3.135	3.135	0.000	91	6586	1.00	1.12	
25 Acetonitrile	41	3.226	3.209	0.017	58	4445	10.0	11.6	M
27 Methylene Chloride	84	3.242	3.242	0.000	32	3261	1.00	1.15	
* 26 TBA-d9 (IS)	65	3.234	3.259	-0.025	95	173811	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.349	3.324	0.025	1	2918	10.0	12.1	M
29 Methyl tert-butyl ether	73	3.415	3.398	0.017	87	8194	1.00	1.15	M
30 trans-1,2-Dichloroethene	96	3.431	3.423	0.008	93	2703	1.00	1.02	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.497	3.497	0.000	97	11226	10.0	11.2	
32 Hexane	43	3.571	3.571	0.000	89	2552	1.00	1.21	
33 Isopropyl ether	45	3.785	3.776	0.008	87	9179	1.00	1.15	
34 1,1-Dichloroethane	63	3.826	3.817	0.009	70	5456	1.00	1.17	
35 Vinyl acetate	86	3.842	3.826	0.016	75	1235	2.00	2.60	M
36 2-Chloro-1,3-butadiene	88	3.867	3.858	0.009	88	2737	1.00	1.11	
37 Tert-butyl ethyl ether	59	4.097	4.097	0.000	85	8356	1.00	1.11	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	81	196767	250.0	250.0	
39 2,2-Dichloropropane	97	4.310	4.310	0.000	69	969	1.00	1.25	
40 cis-1,2-Dichloroethene	96	4.335	4.335	0.000	46	3822	1.00	1.22	
42 Ethyl acetate	70	4.335	4.343	-0.008	34	707	2.00	2.02	
41 2-Butanone (MEK)	72	4.343	4.343	0.000	75	1577	5.00	5.78	
43 Methyl acrylate	55	4.401	4.393	0.008	74	2254	1.00	1.12	
44 Propionitrile	54	4.483	4.483	0.000	32	3809	10.0	10.9	
45 Chlorobromomethane	128	4.557	4.557	0.000	78	1659	1.00	1.12	
46 Tetrahydrofuran	72	4.573	4.557	0.016	56	838	2.00	2.58	
47 Methacrylonitrile	67	4.582	4.582	0.000	91	10583	10.0	10.8	
48 Chloroform	83	4.606	4.606	0.000	96	4725	1.00	1.06	
49 Cyclohexane	84	4.746	4.738	0.008	31	3499	1.00	1.17	
50 1,1,1-Trichloroethane	97	4.762	4.754	0.008	36	4267	1.00	1.25	M
\$ 51 Dibromofluoromethane (Surr	113	4.771	4.762	0.009	97	105605	50.0	50.1	
52 Carbon tetrachloride	117	4.886	4.877	0.009	78	3380	1.00	1.10	
53 1,1-Dichloropropene	75	4.910	4.902	0.008	95	4272	1.00	1.20	
54 Isobutyl alcohol	43	5.050	5.017	0.033	1	3781	25.0	27.9	M
55 Benzene	78	5.099	5.099	0.000	46	11368	1.00	1.10	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.116	0.000	96	112482	50.0	50.0	
57 Isopropyl acetate	43	5.157	5.149	0.008	73	7216	1.00	1.06	
58 Tert-amyl methyl ether	73	5.173	5.165	0.008	88	8075	1.00	0.9779	
59 1,2-Dichloroethane	62	5.198	5.190	0.008	76	3876	1.00	1.21	
60 n-Heptane	57	5.239	5.247	-0.008	89	1478	1.00	0.8916	
* 61 Fluorobenzene	96	5.387	5.387	0.000	99	427921	50.0	50.0	
62 n-Butanol	56	5.699	5.683	0.016	8	1448	25.0	25.7	M
63 Trichloroethene	95	5.740	5.740	0.000	94	2713	1.00	1.06	
64 Methylcyclohexane	83	5.855	5.863	-0.008	83	4438	1.00	1.12	
65 Ethyl acrylate	55	5.855	5.863	-0.008	93	5946	1.00	1.11	
66 1,2-Dichloropropane	63	6.028	6.028	0.000	82	2467	1.00	0.9881	
* 67 1,4-Dioxane-d8	96	6.077	6.085	-0.008	94	16765	1000.0	1000.0	
68 Methyl methacrylate	100	6.102	6.102	0.000	73	1372	2.00	2.29	
70 n-Propyl acetate	43	6.143	6.151	-0.008	84	2937	1.00	1.07	
69 1,4-Dioxane	88	6.151	6.151	0.000	31	1135	50.0	49.4	M
71 Dibromomethane	93	6.159	6.159	0.000	77	1528	1.00	1.03	
72 Dichlorobromomethane	83	6.307	6.307	0.000	96	3450	1.00	1.10	
74 2-Chloroethyl vinyl ether	63	6.636	6.636	0.000	65	1383	1.00	1.01	
73 2-Nitropropane	41	6.636	6.644	-0.008	78	1356	2.00	2.60	
75 Epichlorohydrin	57	6.751	6.751	0.000	98	4134	20.0	19.0	
76 cis-1,3-Dichloropropene	75	6.808	6.808	0.000	88	4186	1.00	1.08	
77 4-Methyl-2-pentanone (MIBK	43	6.964	6.973	-0.009	94	11997	5.00	5.82	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.055	0.000	100	384503	50.0	49.5	
79 Toluene	91	7.129	7.129	0.000	95	11598	1.00	1.12	
80 trans-1,3-Dichloropropene	75	7.474	7.474	0.000	95	3526	1.00	1.06	
81 Ethyl methacrylate	69	7.499	7.507	-0.008	70	3310	1.00	1.09	
82 1,1,2-Trichloroethane	83	7.696	7.696	0.000	95	1825	1.00	1.03	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.729	7.737	-0.008	96	3198	1.00	1.16	
84 1,3-Dichloropropane	76	7.909	7.909	0.000	93	3687	1.00	1.06	
85 2-Hexanone	43	7.967	7.967	0.000	95	7416	5.00	5.64	
86 n-Butyl acetate	43	8.074	8.082	-0.008	95	3427	1.00	1.02	
87 Chlorodibromomethane	129	8.131	8.139	-0.008	96	2425	1.00	0.9752	
88 Ethylene Dibromide	107	8.287	8.296	-0.009	94	2173	1.00	1.03	
* 89 Chlorobenzene-d5	117	8.838	8.846	-0.008	86	296323	50.0	50.0	
90 Chlorobenzene	112	8.871	8.879	-0.008	96	7776	1.00	1.12	
91 Ethylbenzene	106	8.978	8.986	-0.008	97	4279	1.00	1.13	
92 1,1,1,2-Tetrachloroethane	131	8.994	9.002	-0.008	89	2907	1.00	1.09	
93 m-Xylene & p-Xylene	106	9.134	9.134	0.000	95	5025	1.00	1.08	
94 n-Butyl acrylate	73	9.553	9.553	0.000	90	1971	1.00	1.02	
95 o-Xylene	106	9.569	9.569	0.000	91	5498	1.00	1.14	
96 Styrene	104	9.594	9.602	-0.008	92	7708	1.00	1.00	
97 Amyl acetate (mixed isomer)	43	9.775	9.775	0.000	91	4482	1.00	1.00	
98 Bromoform	173	9.791	9.799	-0.008	81	1771	1.00	0.9670	
99 Isopropylbenzene	105	9.906	9.906	0.000	95	13318	1.00	1.11	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	93	139196	50.0	50.2	
101 Bromobenzene	156	10.202	10.202	0.000	96	3973	1.00	1.21	
102 1,1,2,2-Tetrachloroethane	83	10.235	10.235	0.000	61	2913	1.00	1.01	
103 N-Propylbenzene	91	10.259	10.259	0.000	99	15659	1.00	1.16	
104 1,2,3-Trichloropropane	110	10.284	10.276	0.008	87	1207	1.00	1.27	
105 trans-1,4-Dichloro-2-buten	53	10.292	10.292	0.000	68	842	1.00	1.07	
106 2-Chlorotoluene	91	10.350	10.350	0.000	96	10991	1.00	1.14	
107 4-Ethyltoluene	105	10.350	10.358	-0.008	97	13347	1.00	1.16	
108 1,3,5-Trimethylbenzene	105	10.407	10.407	0.000	93	11631	1.00	1.15	
109 4-Chlorotoluene	91	10.440	10.440	0.000	97	10804	1.00	1.18	
110 Butyl Methacrylate	87	10.481	10.481	0.000	88	3379	1.00	0.9304	
111 tert-Butylbenzene	119	10.637	10.637	0.000	96	9267	1.00	1.13	
112 1,2,4-Trimethylbenzene	105	10.687	10.687	0.000	96	12257	1.00	1.17	
113 sec-Butylbenzene	105	10.794	10.802	-0.008	99	14361	1.00	1.20	
114 4-Isopropyltoluene	119	10.900	10.900	0.000	97	12223	1.00	1.17	
115 1,3-Dichlorobenzene	146	10.900	10.900	0.000	92	6749	1.00	1.12	
* 116 1,4-Dichlorobenzene-d4	152	10.950	10.958	-0.008	96	184671	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.966	10.966	0.000	90	7325	1.00	1.16	
132 1,2,3-Trimethylbenzene	105	10.983	10.983	0.000	93	12195	1.00	1.12	
118 Benzyl chloride	91	11.073	11.065	0.008	98	6849	1.00	1.03	
119 2,3-Dihydroindene	117	11.114	11.114	0.000	92	12567	1.00	1.15	
120 p-Diethylbenzene	119	11.147	11.147	0.000	96	6833	1.00	1.14	
121 n-Butylbenzene	92	11.163	11.163	0.000	97	6218	1.00	1.16	
122 1,2-Dichlorobenzene	146	11.221	11.213	0.008	96	7254	1.00	1.18	
123 1,2,4,5-Tetramethylbenzene	119	11.632	11.623	0.009	96	11906	1.00	1.17	
124 1,2-Dibromo-3-Chloropropan	75	11.706	11.706	0.000	56	727	1.00	1.29	M
125 1,3,5-Trichlorobenzene	180	11.796	11.788	0.008	93	5434	1.00	1.19	
126 1,2,4-Trichlorobenzene	180	12.199	12.190	0.009	93	5237	1.00	1.23	M
127 Hexachlorobutadiene	225	12.264	12.256	0.008	94	2616	1.00	1.24	
128 Naphthalene	128	12.379	12.363	0.016	99	11036	1.00	1.19	
129 1,2,3-Trichlorobenzene	180	12.544	12.527	0.017	94	5000	1.00	1.28	M
S 130 1,2-Dichloroethene, Total	100				0		2.00	2.24	
S 131 Xylenes, Total	100				0		2.00	2.22	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS Hi_00220	Amount Added: 1.00	Units: uL
MIX I Hi_00078	Amount Added: 1.00	Units: uL
MIX 2 Hi_00060	Amount Added: 1.00	Units: uL
Ethanol mix_00005	Amount Added: 1.00	Units: uL
14DIOXINTER_00073	Amount Added: 30.00	Units: uL
ACROLEIN W_00068	Amount Added: 4.00	Units: uL
VOA6IS/SURR_00004	Amount Added: 5.00	Units: uL

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS6\\20171002-61230.b\\F54414.D

Injection Date: 03-Oct-2017 09:23:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD1

Worklist Smp#: 32

Client ID:

Injection Vol: 1.0 uL

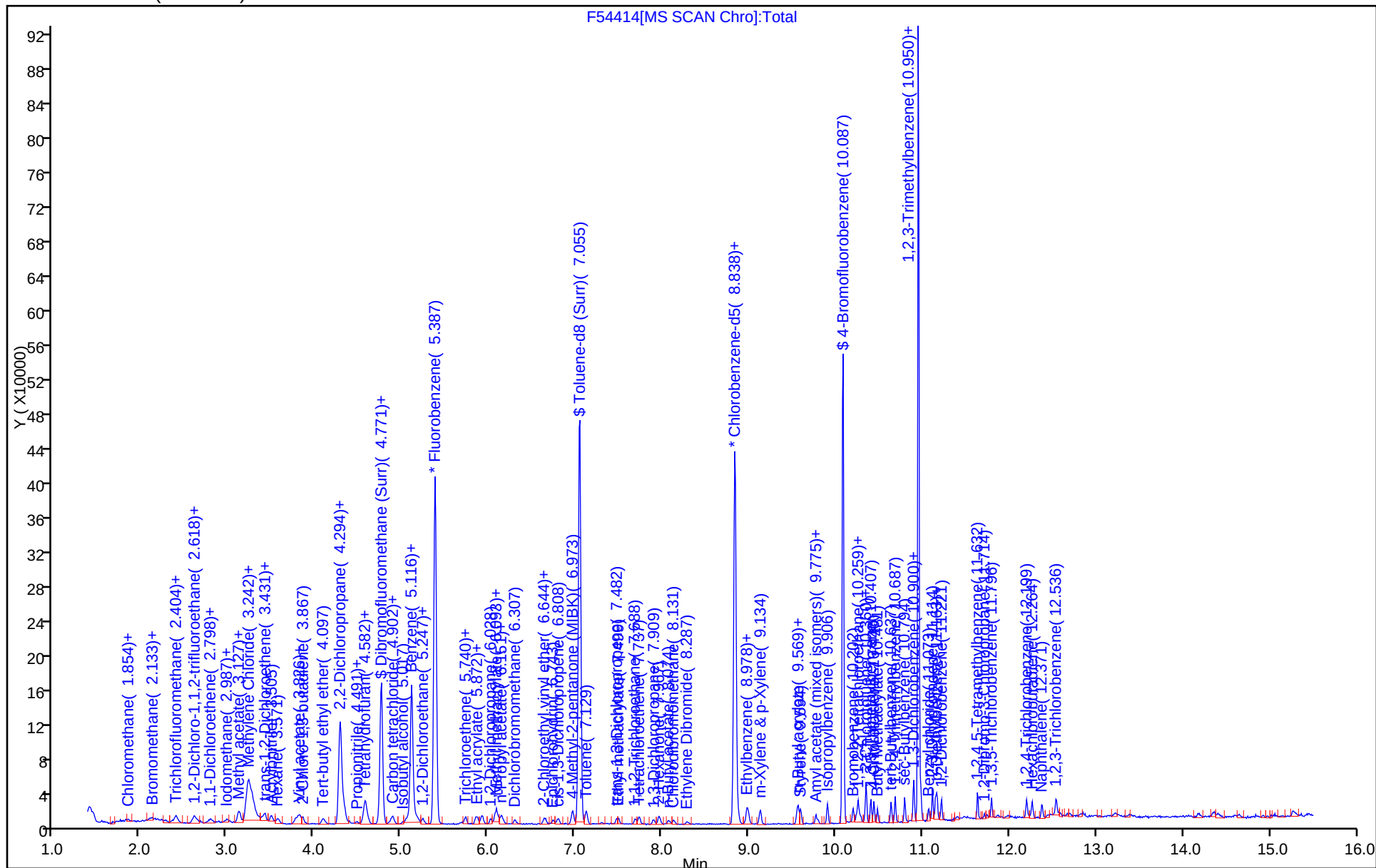
Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D

Injection Date: 03-Oct-2017 09:23:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 32

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

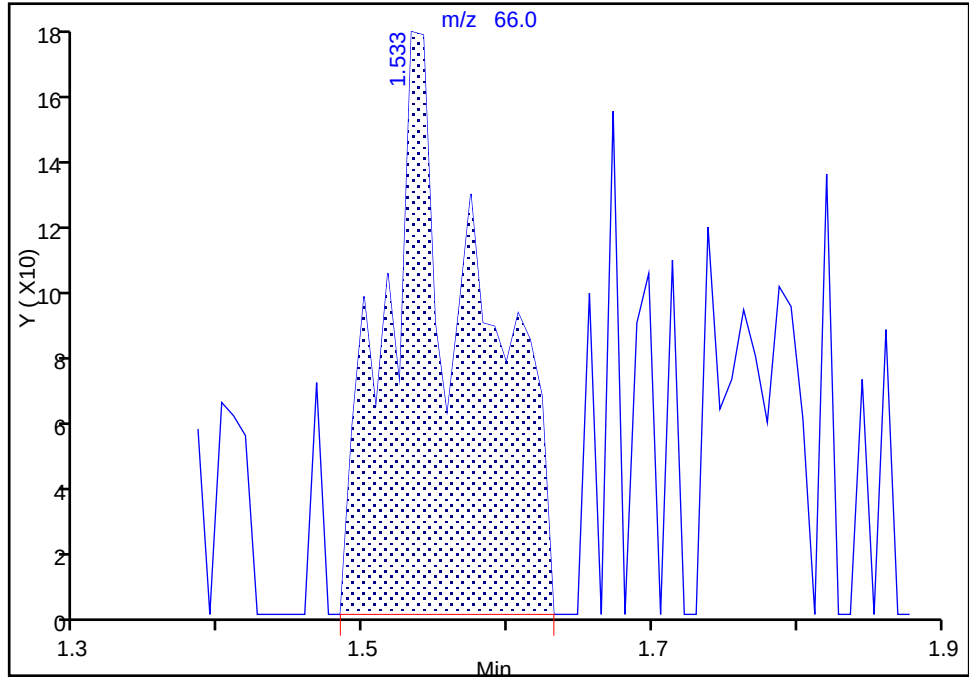
Detector: MS SCAN

1 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

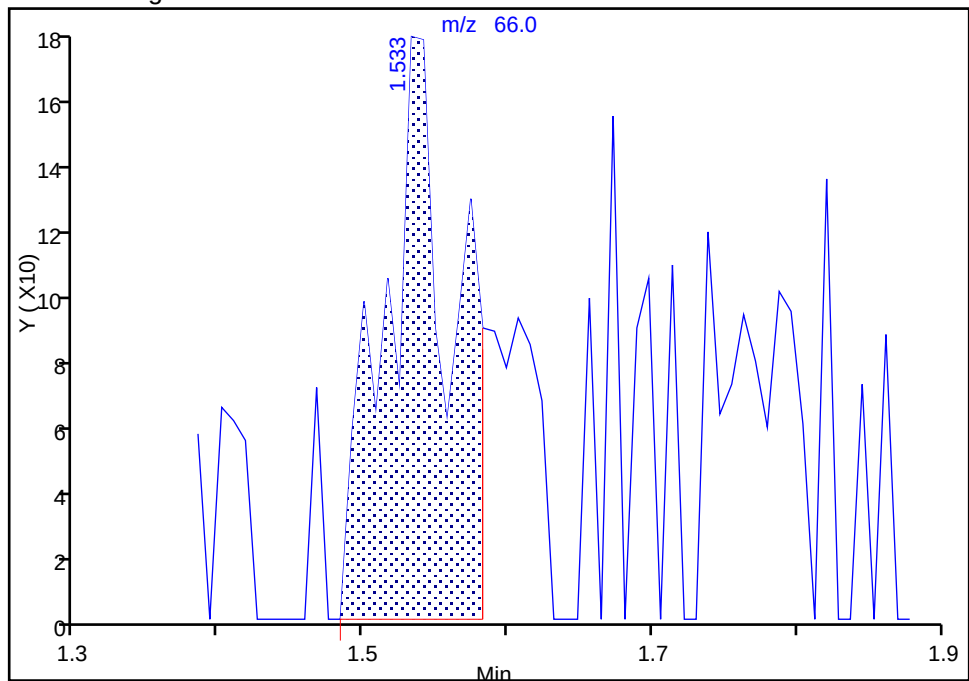
RT: 1.53
Area: 787
Amount: 1.481797
Amount Units: ug/l

Processing Integration Results



RT: 1.53
Area: 588
Amount: 1.074856
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 03-Oct-2017 12:50:53

Audit Action: Split an Integrated Peak

Audit Reason: Peak Tail

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D

Injection Date: 03-Oct-2017 09:23:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

32

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

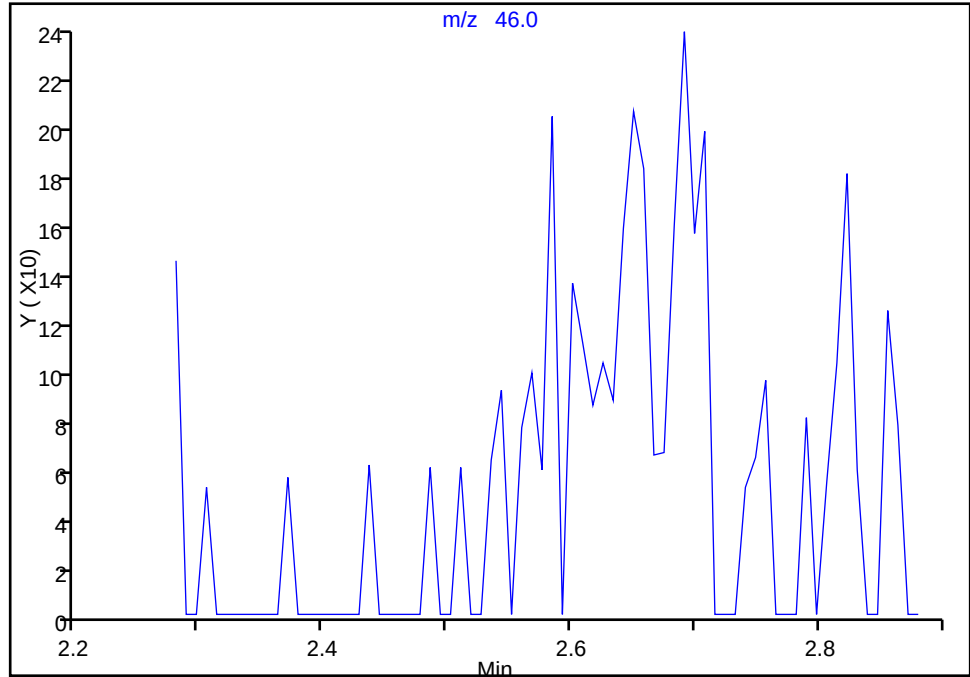
11 Ethanol, CAS: 64-17-5

Signal: 1

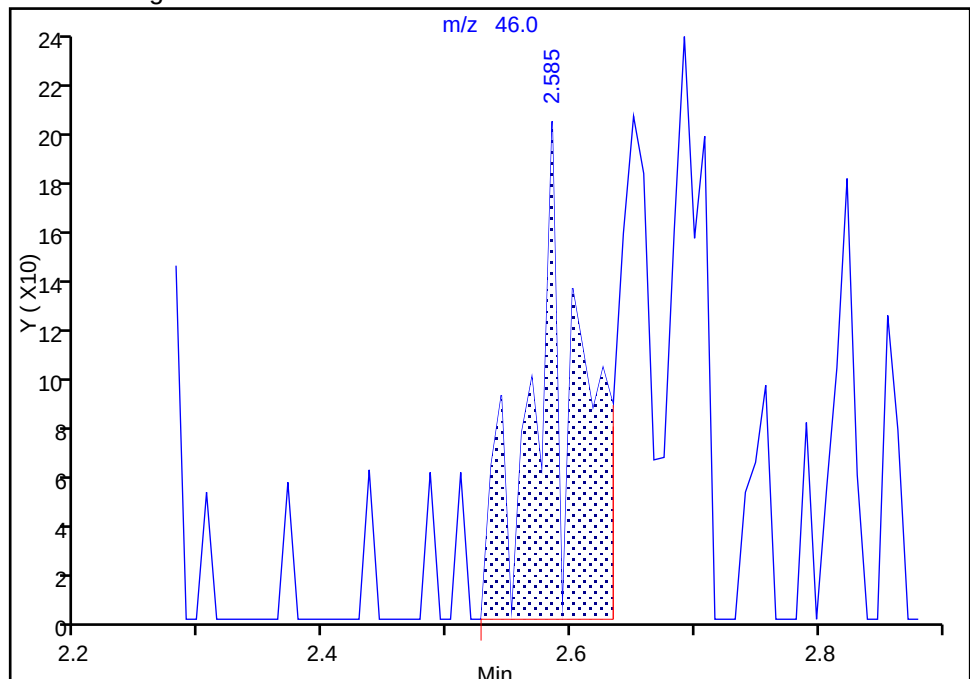
Not Detected

Expected RT: 2.60

Processing Integration Results



Manual Integration Results



RT: 2.58

Area: 540

Amount: 43.057730

Amount Units: ug/l

Reviewer: delpolitov, 03-Oct-2017 12:42:56

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS6\\20171002-61230.b\\F54414.D

Injection Date: 03-Oct-2017 09:23:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

32

Injection Vol: 1.0 uL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

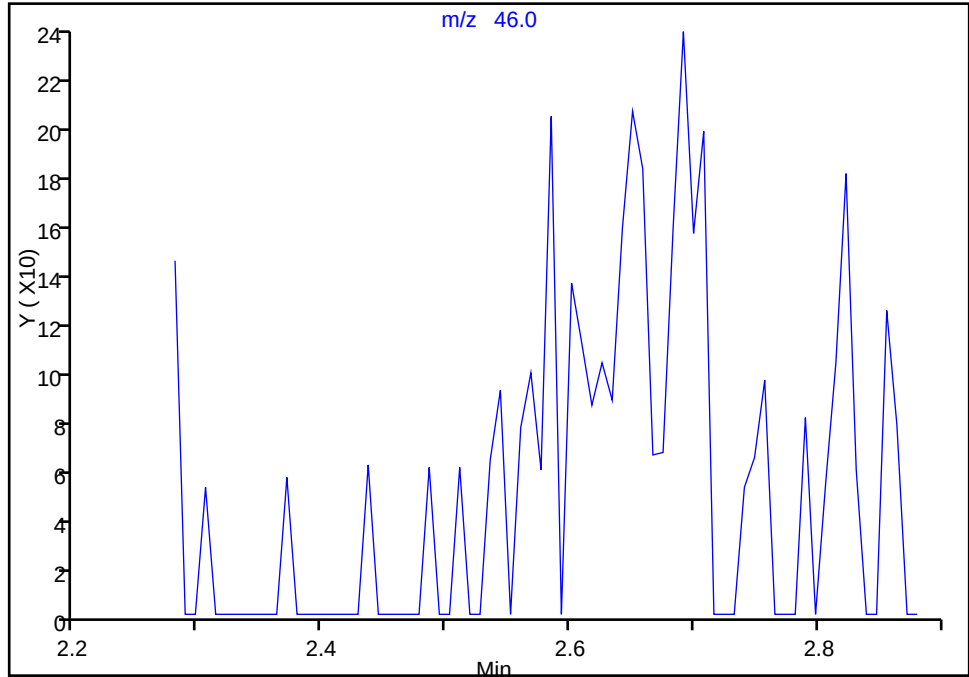
11 Ethanol, CAS: 64-17-5

Signal: 1

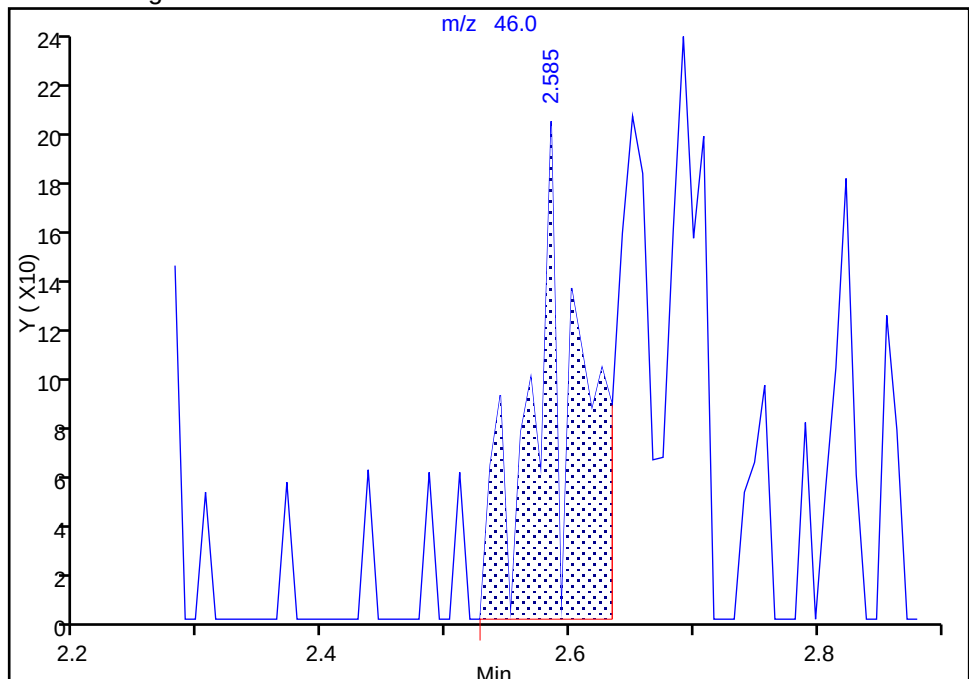
Not Detected

Expected RT: 2.60

Processing Integration Results



Manual Integration Results



RT: 2.58

Area: 540

Amount: 43.057730

Amount Units: ug/l

Reviewer: delpolitov, 03-Oct-2017 12:52:16

Audit Action: Split an Integrated Peak

Audit Reason: Peak Tail

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D

Injection Date: 03-Oct-2017 09:23:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 32

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

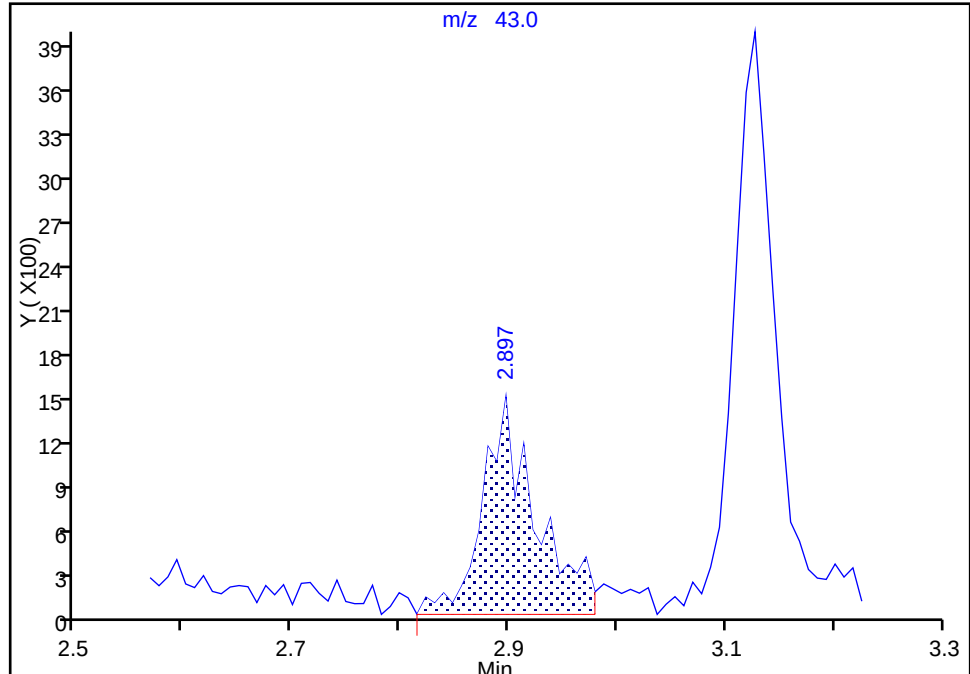
Detector: MS SCAN

18 Acetone, CAS: 67-64-1

Signal: 1

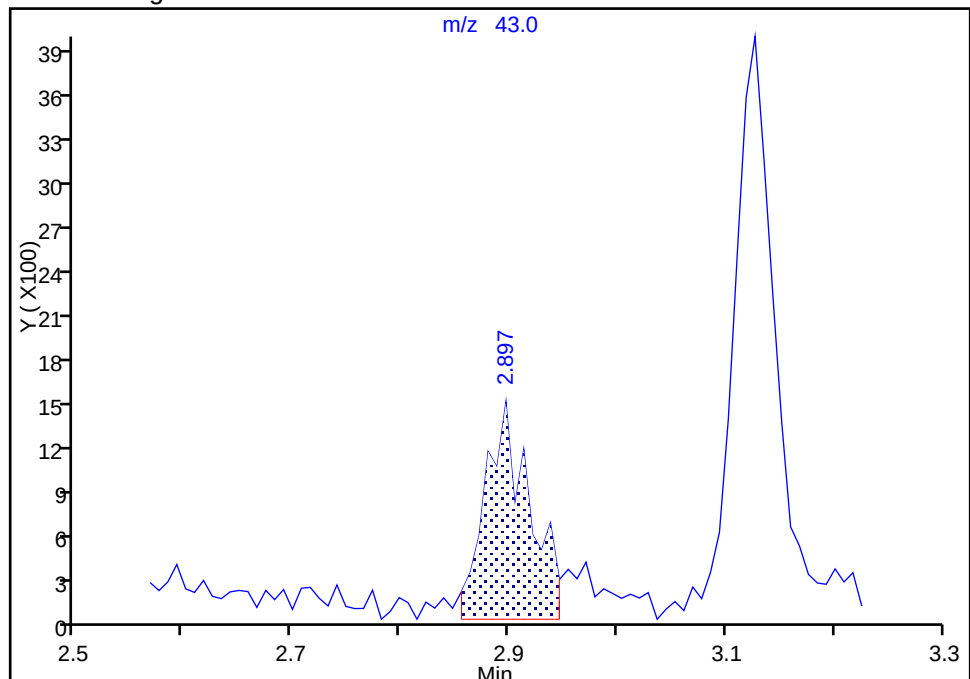
RT: 2.90
Area: 5048
Amount: 7.029822
Amount Units: ug/l

Processing Integration Results



RT: 2.90
Area: 4271
Amount: 6.293632
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 03-Oct-2017 12:53:17

Audit Action: Assigned Compound ID

Audit Reason: Peak Tail

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D

Injection Date: 03-Oct-2017 09:23:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

32

Injection Vol: 1.0 uL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

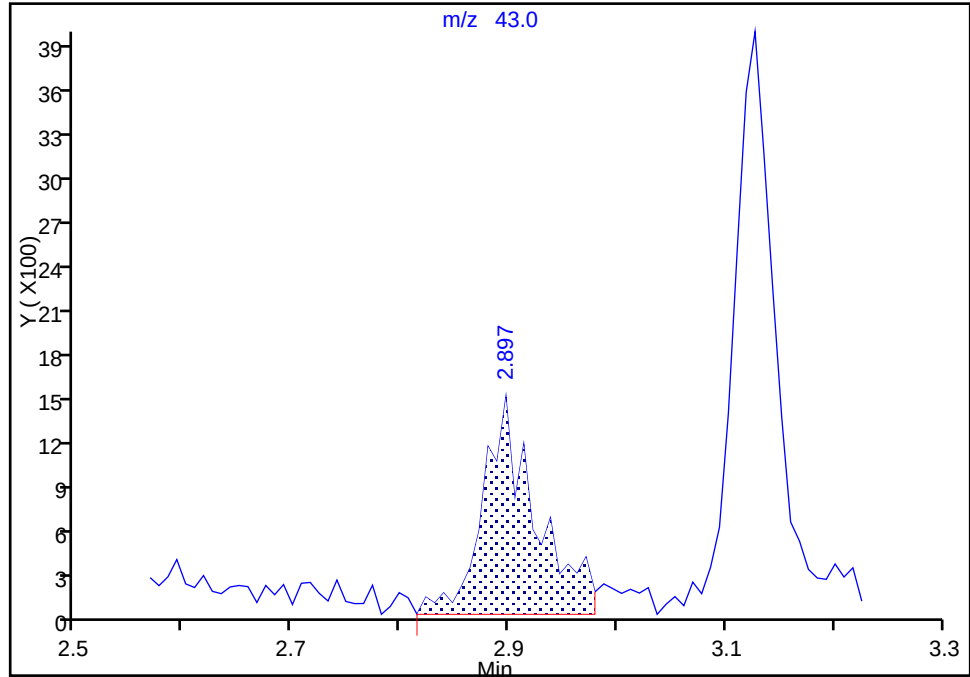
MS SCAN

18 Acetone, CAS: 67-64-1

Signal: 1

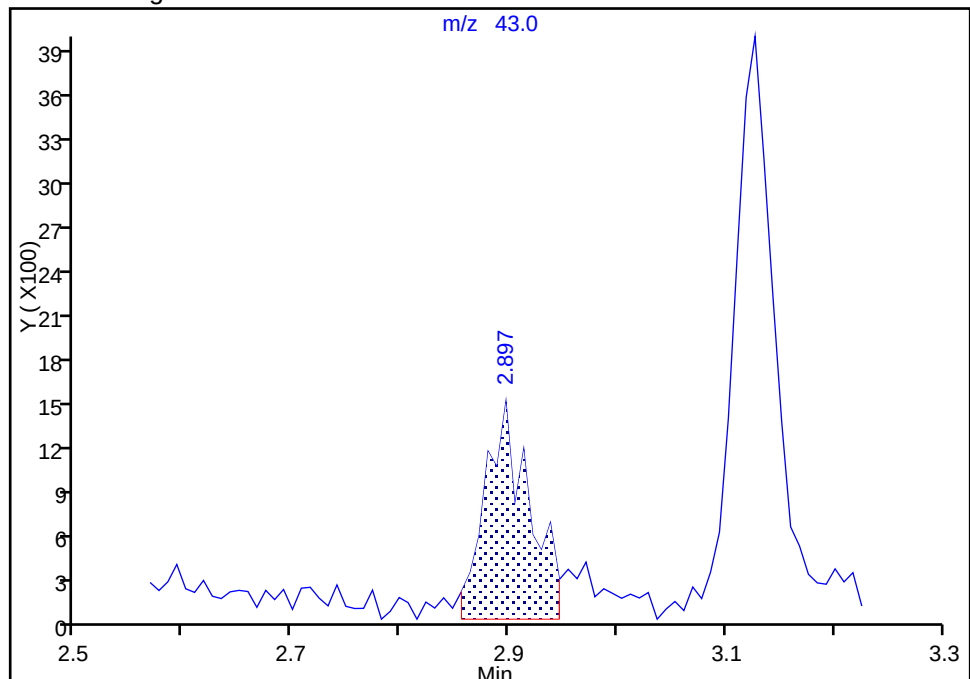
RT: 2.90
Area: 5048
Amount: 7.029822
Amount Units: ug/l

Processing Integration Results



RT: 2.90
Area: 4271
Amount: 6.293632
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 03-Oct-2017 12:53:26

Audit Action: Split an Integrated Peak

Audit Reason: Peak Tail

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D

Injection Date: 03-Oct-2017 09:23:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 32

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

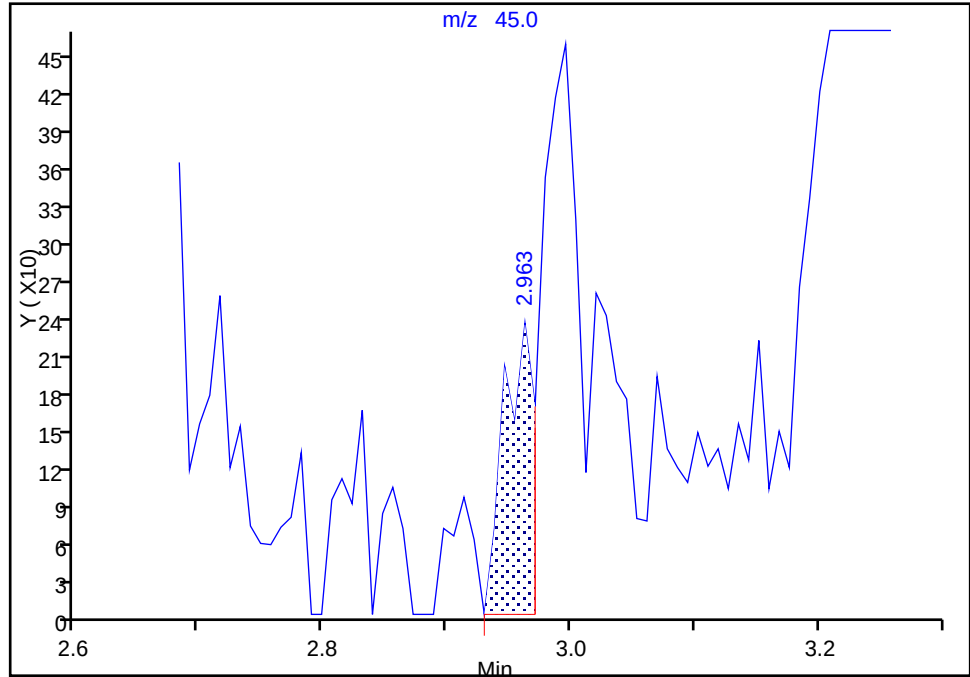
Detector: MS SCAN

20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

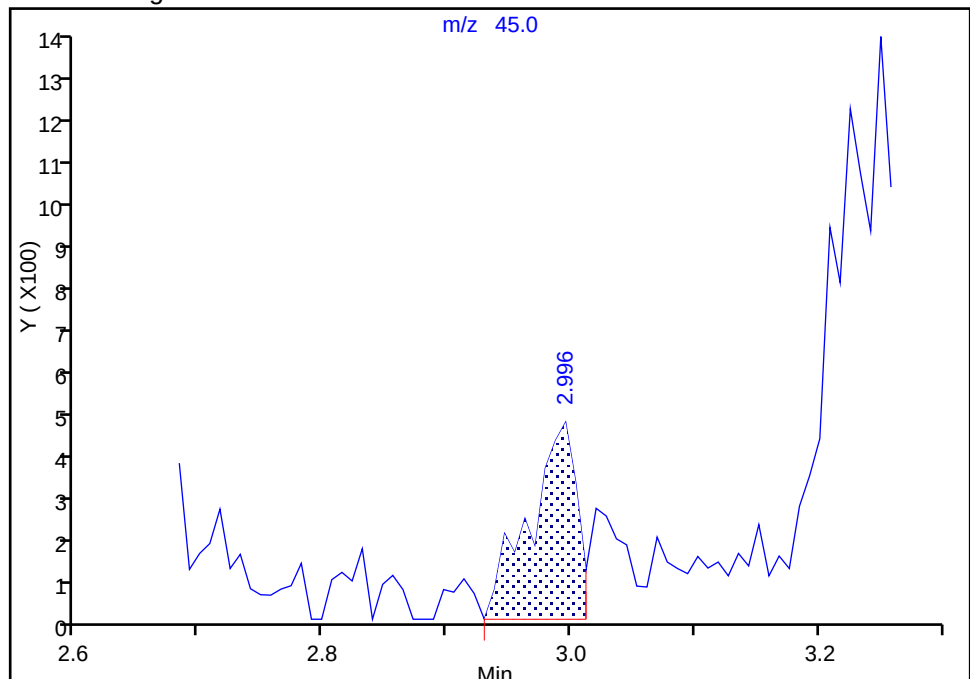
RT: 2.96
Area: 406
Amount: 2.819611
Amount Units: ug/l

Processing Integration Results



RT: 3.00
Area: 1222
Amount: 10.332837
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 03-Oct-2017 12:43:19

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D

Injection Date: 03-Oct-2017 09:23:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 32

Injection Vol: 1.0 uL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

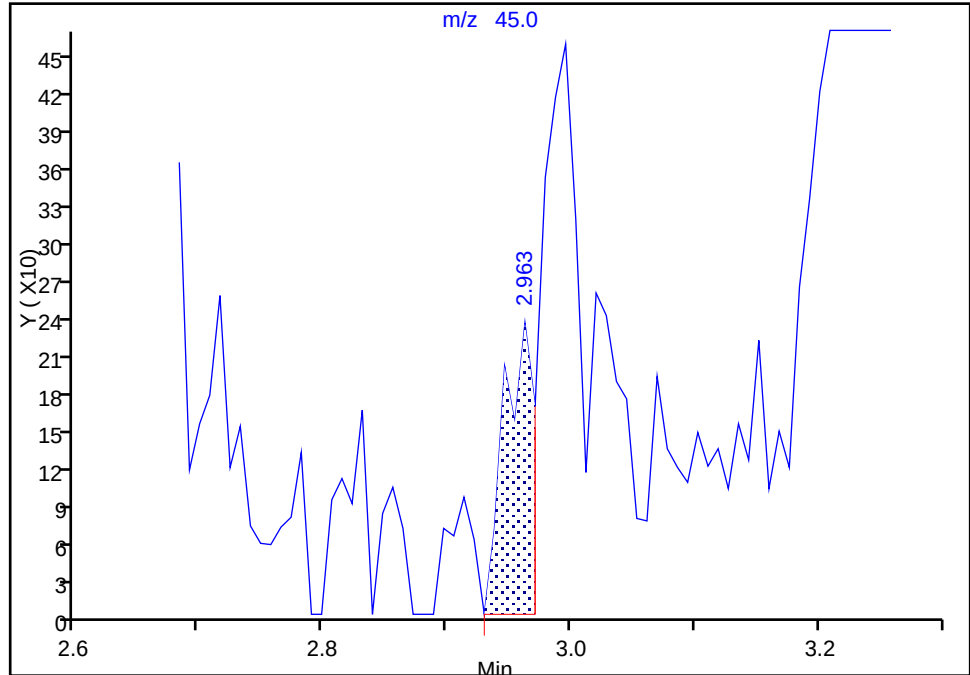
MS SCAN

20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

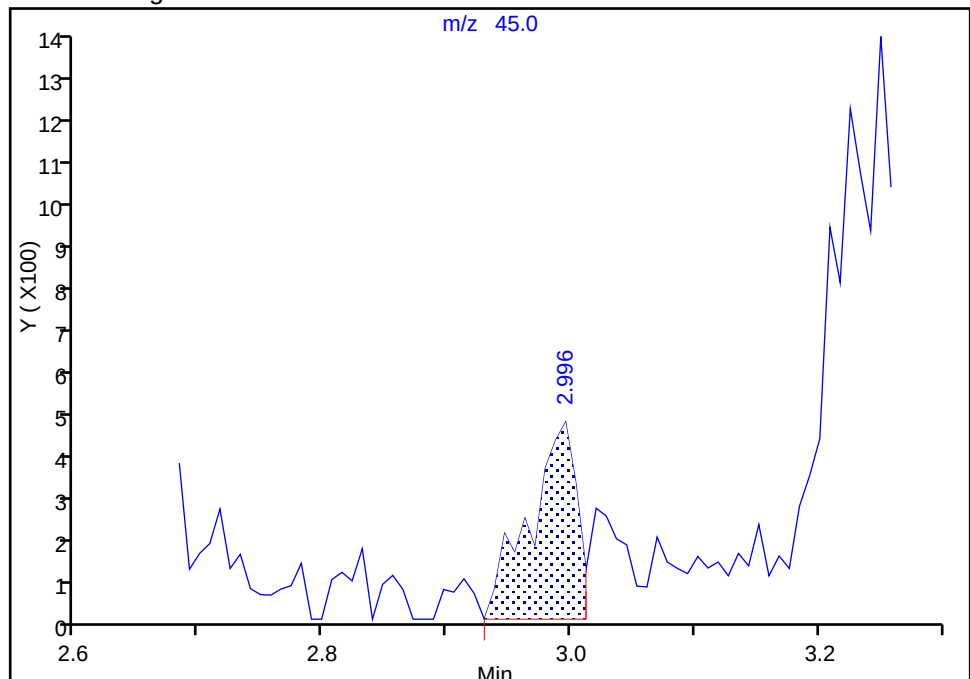
RT: 2.96
Area: 406
Amount: 2.819611
Amount Units: ug/l

Processing Integration Results



RT: 3.00
Area: 1222
Amount: 10.332837
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 03-Oct-2017 12:54:01

Audit Action: Split an Integrated Peak

Audit Reason: Peak Tail

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D

Injection Date: 03-Oct-2017 09:23:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

32

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

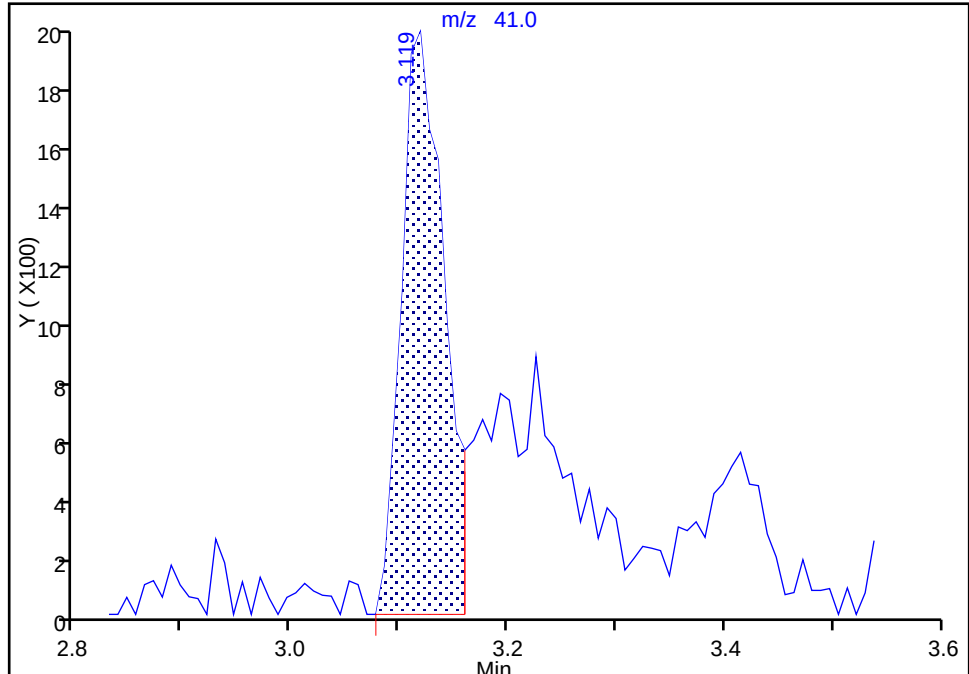
Detector: MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

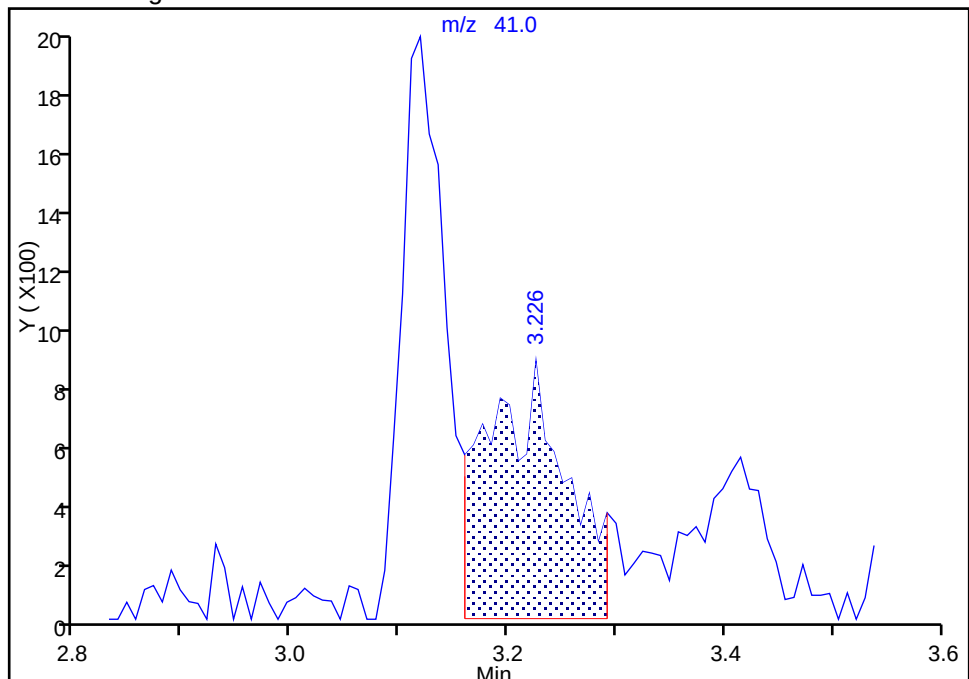
RT: 3.12
Area: 5327
Amount: 12.414054
Amount Units: ug/l

Processing Integration Results



RT: 3.23
Area: 4445
Amount: 11.620227
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 03-Oct-2017 12:43:31

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS6\\20171002-61230.b\\F54414.D

Injection Date: 03-Oct-2017 09:23:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

32

Injection Vol: 1.0 uL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

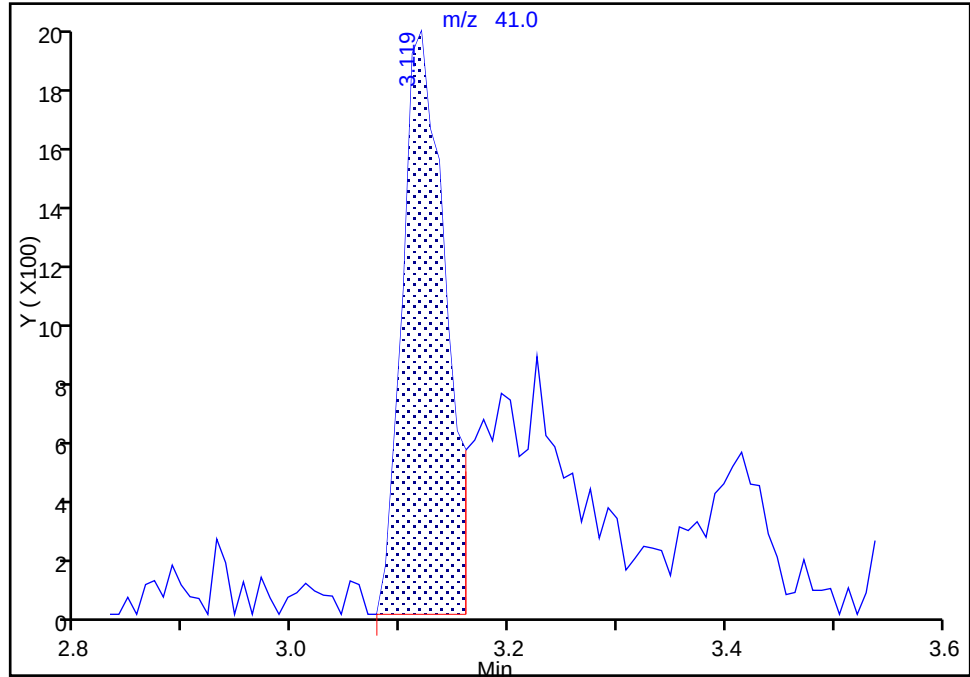
MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

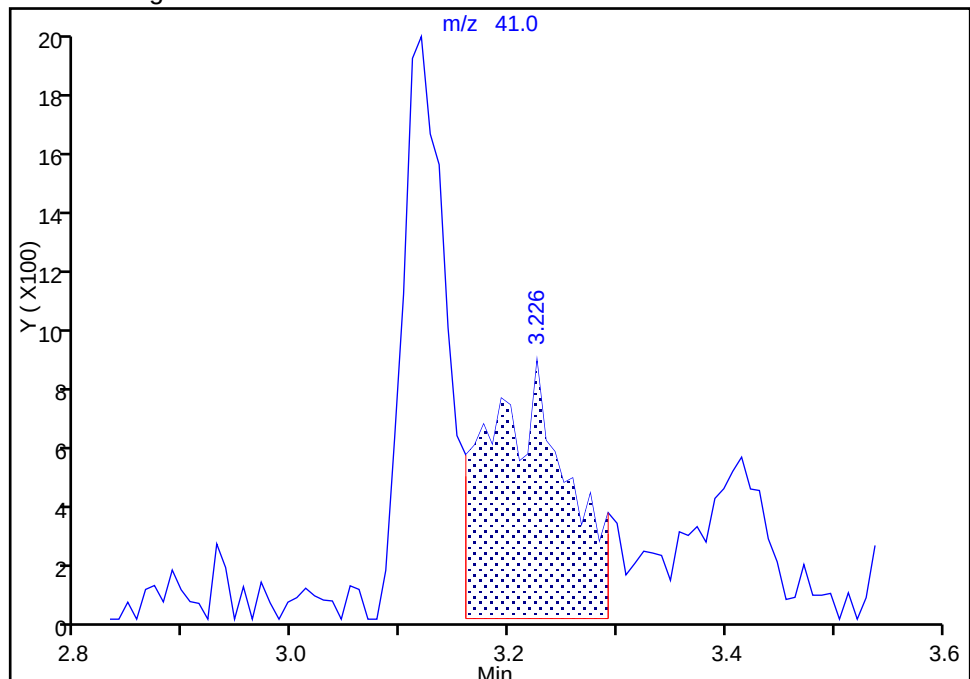
RT: 3.12
Area: 5327
Amount: 12.414054
Amount Units: ug/l

Processing Integration Results



RT: 3.23
Area: 4445
Amount: 11.620227
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 03-Oct-2017 12:43:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D

Injection Date: 03-Oct-2017 09:23:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

32

Injection Vol: 1.0 uL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

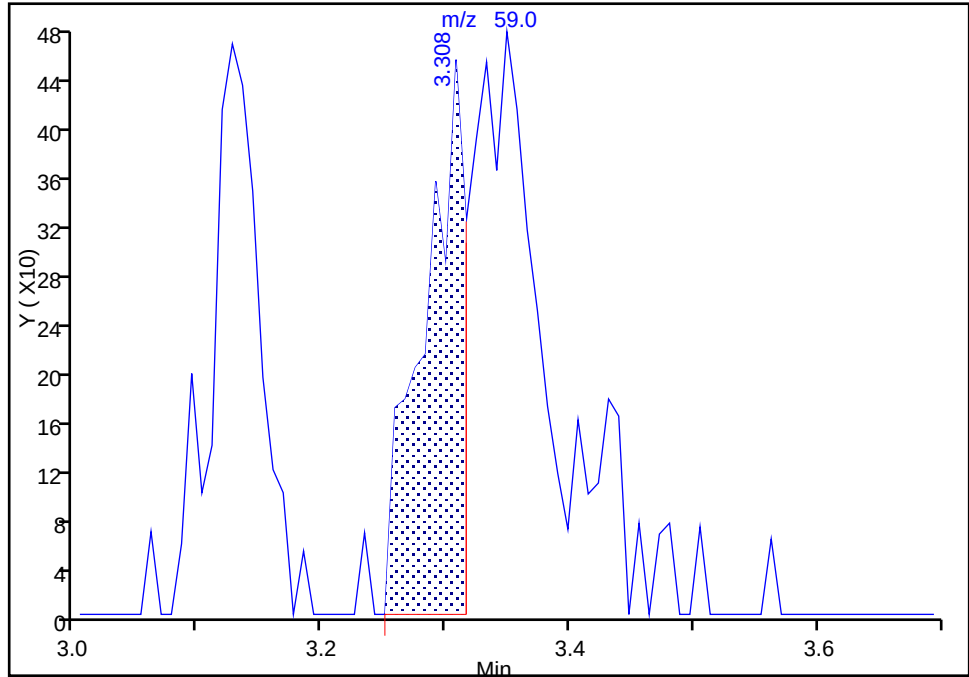
MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

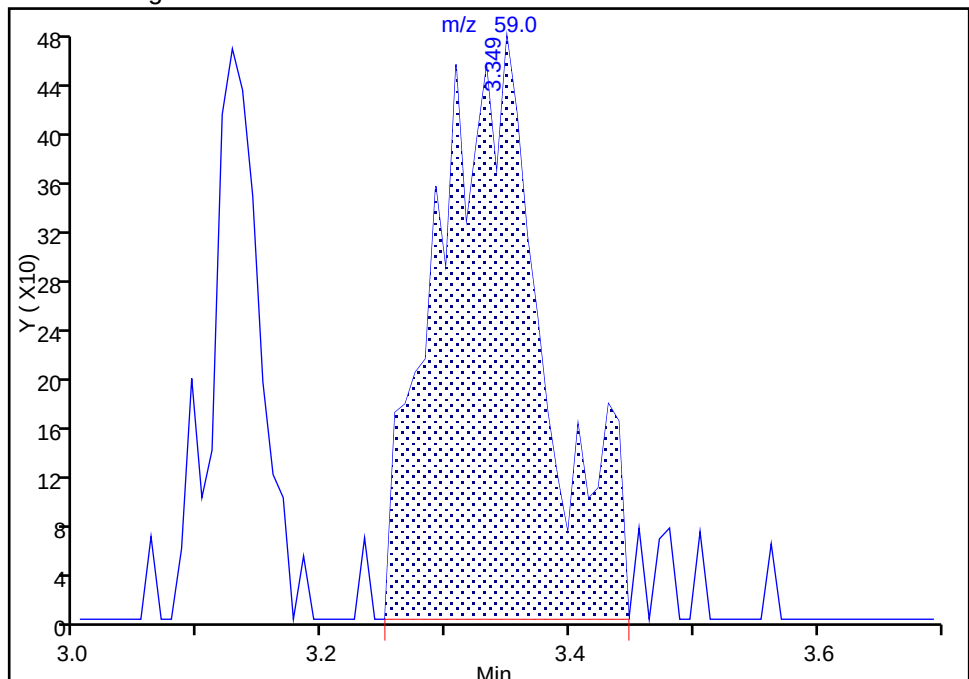
RT: 3.31
Area: 1077
Amount: 4.083870
Amount Units: ug/l

Processing Integration Results



RT: 3.35
Area: 2918
Amount: 12.101335
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 03-Oct-2017 12:43:51

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D

Injection Date: 03-Oct-2017 09:23:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 32

Injection Vol: 1.0 uL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

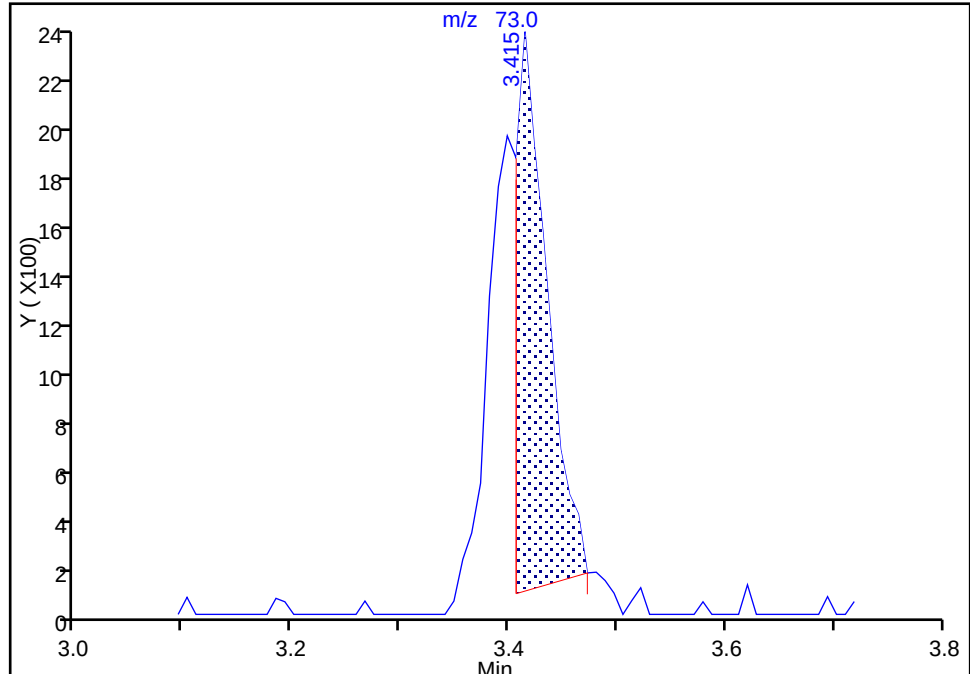
MS SCAN

29 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

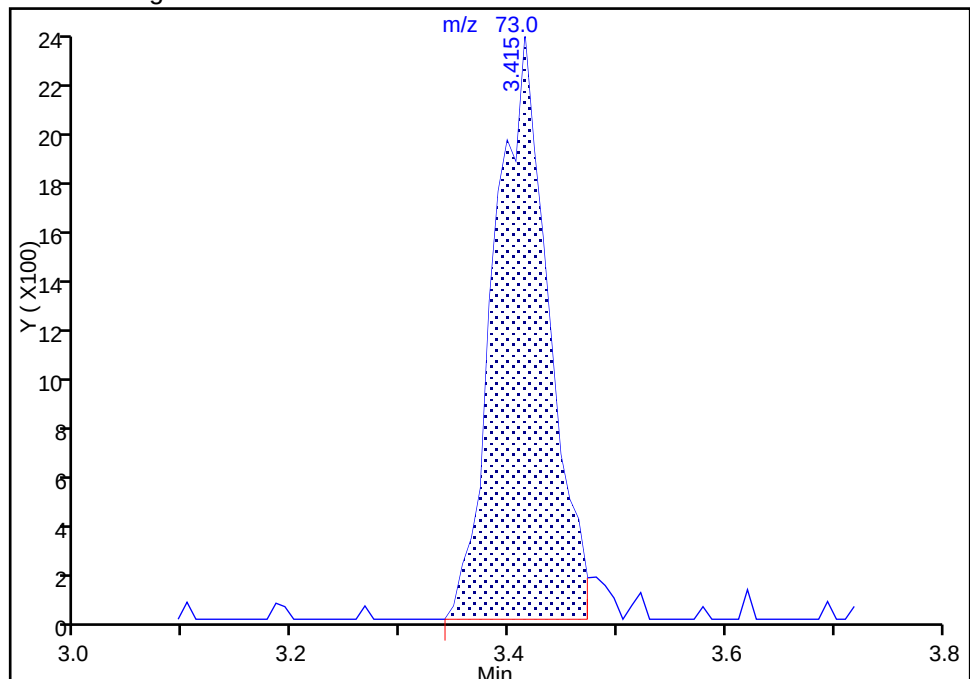
RT: 3.41
Area: 4625
Amount: 0.706583
Amount Units: ug/l

Processing Integration Results



RT: 3.41
Area: 8194
Amount: 1.147552
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 03-Oct-2017 12:44:08

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D

Injection Date: 03-Oct-2017 09:23:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

32

Injection Vol: 1.0 uL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

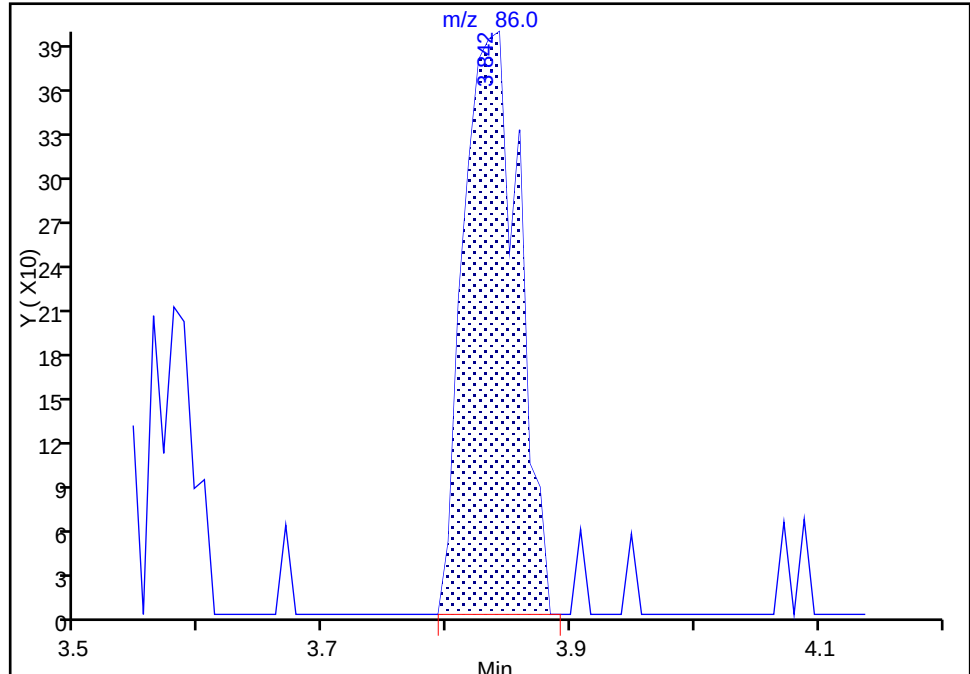
MS SCAN

35 Vinyl acetate, CAS: 108-05-4

Signal: 1

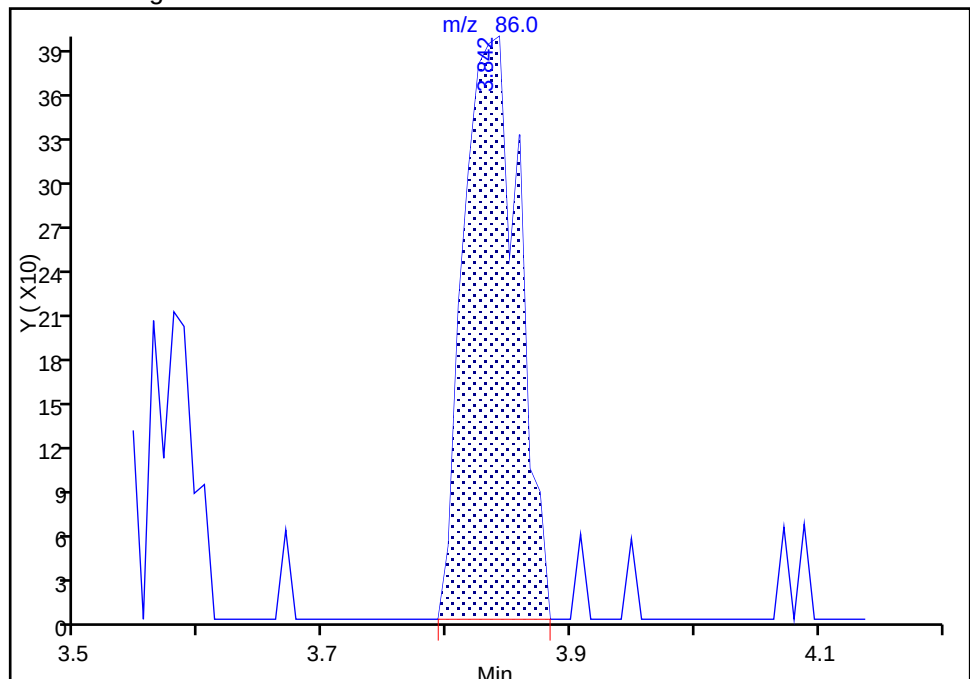
RT: 3.84
Area: 1235
Amount: 2.638622
Amount Units: ug/l

Processing Integration Results



RT: 3.84
Area: 1235
Amount: 2.597794
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 03-Oct-2017 12:54:55

Audit Action: Assigned Compound ID

Audit Reason: Peak Tail

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS6\\20171002-61230.b\\F54414.D

Injection Date: 03-Oct-2017 09:23:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

32

Injection Vol: 1.0 uL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

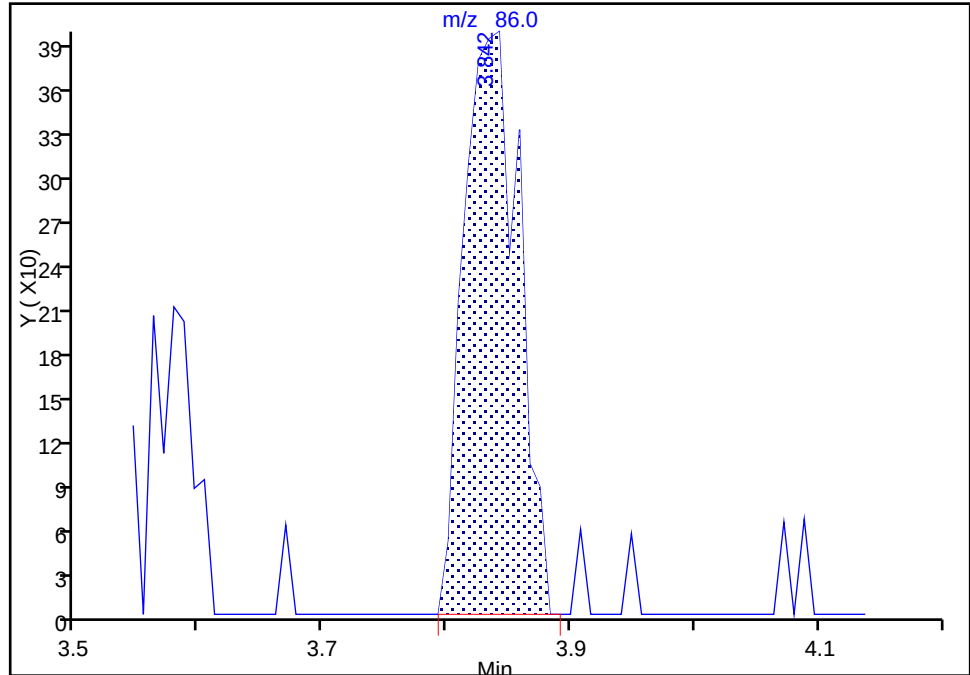
MS SCAN

35 Vinyl acetate, CAS: 108-05-4

Signal: 1

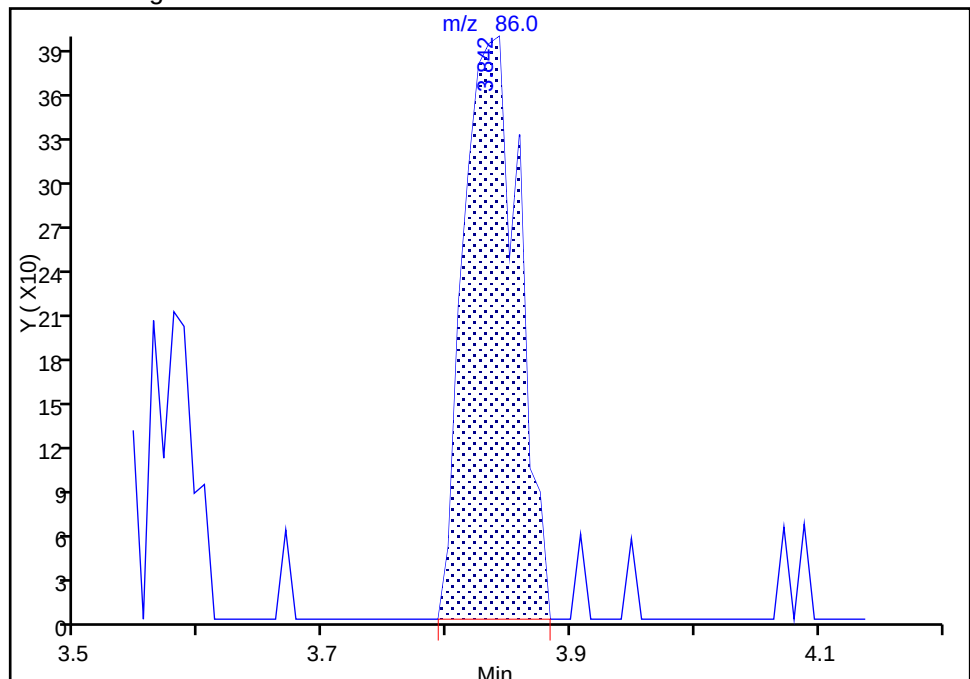
RT: 3.84
Area: 1235
Amount: 2.638622
Amount Units: ug/l

Processing Integration Results



RT: 3.84
Area: 1235
Amount: 2.597794
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 03-Oct-2017 12:55:07

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D

Injection Date: 03-Oct-2017 09:23:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 32

Injection Vol: 1.0 uL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

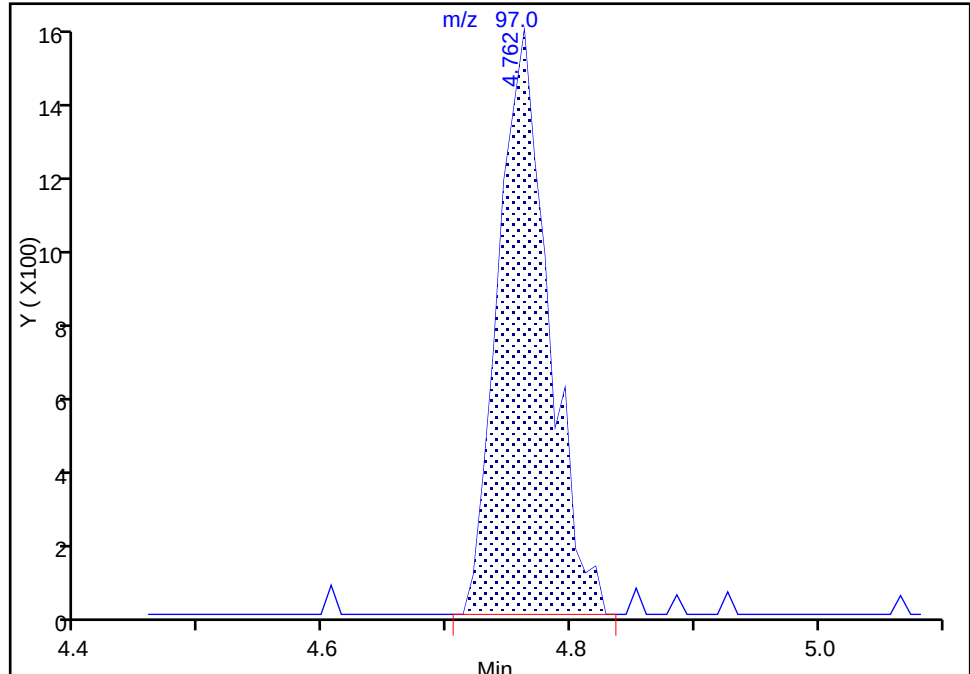
MS SCAN

50 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

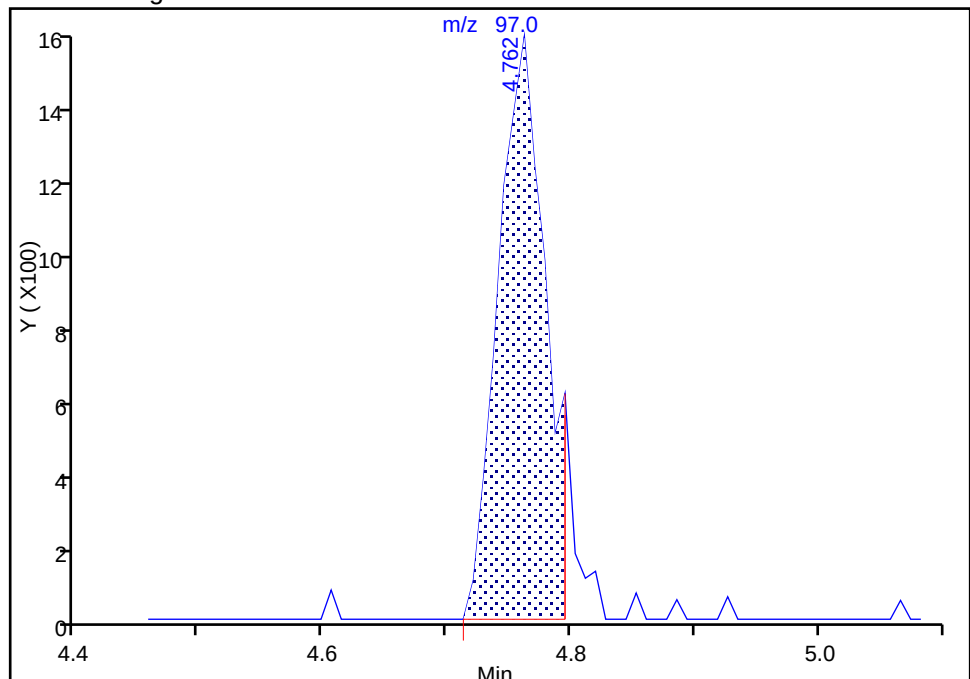
RT: 4.76
Area: 4473
Amount: 1.248323
Amount Units: ug/l

Processing Integration Results



RT: 4.76
Area: 4267
Amount: 1.253862
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 03-Oct-2017 13:12:43

Audit Action: Manually Integrated

Audit Reason: Peak Tail

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D

Injection Date: 03-Oct-2017 09:23:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

32

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

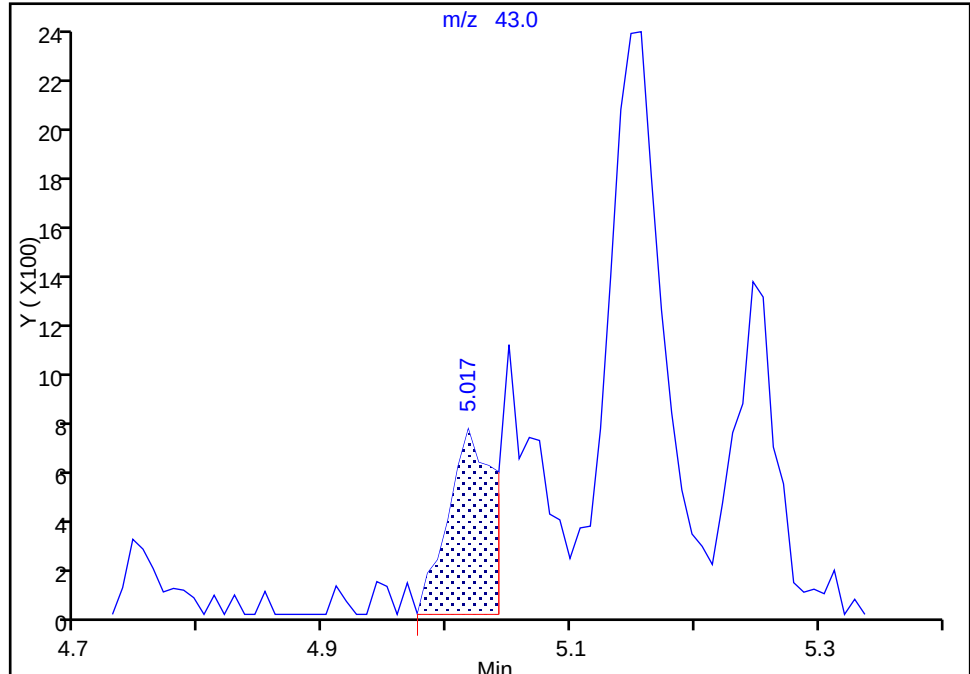
Detector: MS SCAN

54 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

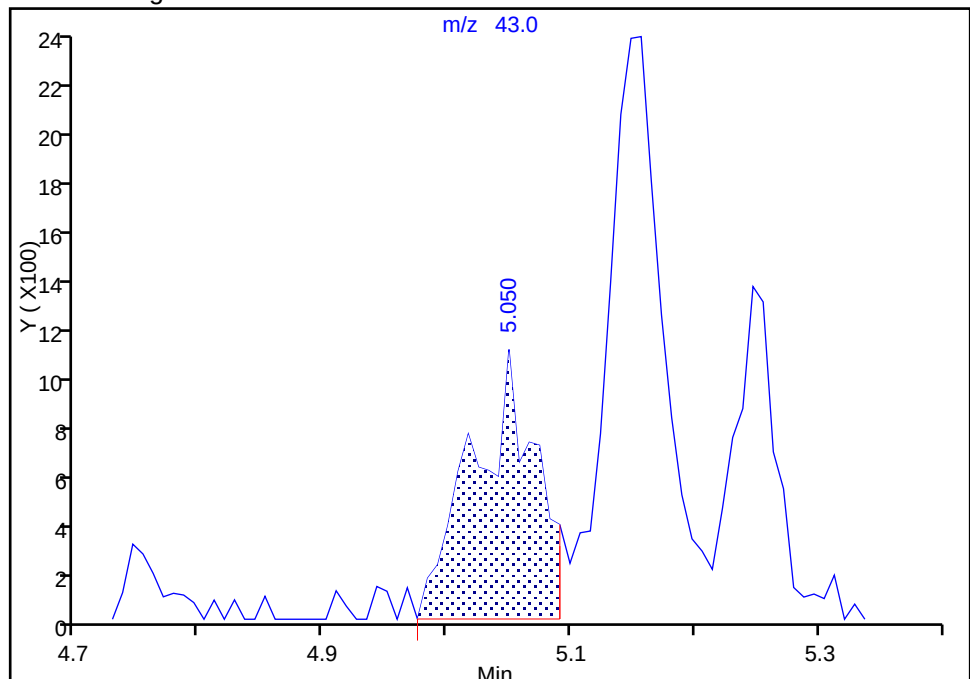
RT: 5.02
Area: 1889
Amount: 13.594410
Amount Units: ug/l

Processing Integration Results



RT: 5.05
Area: 3781
Amount: 27.855044
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 03-Oct-2017 12:56:51

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D

Injection Date: 03-Oct-2017 09:23:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 32

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

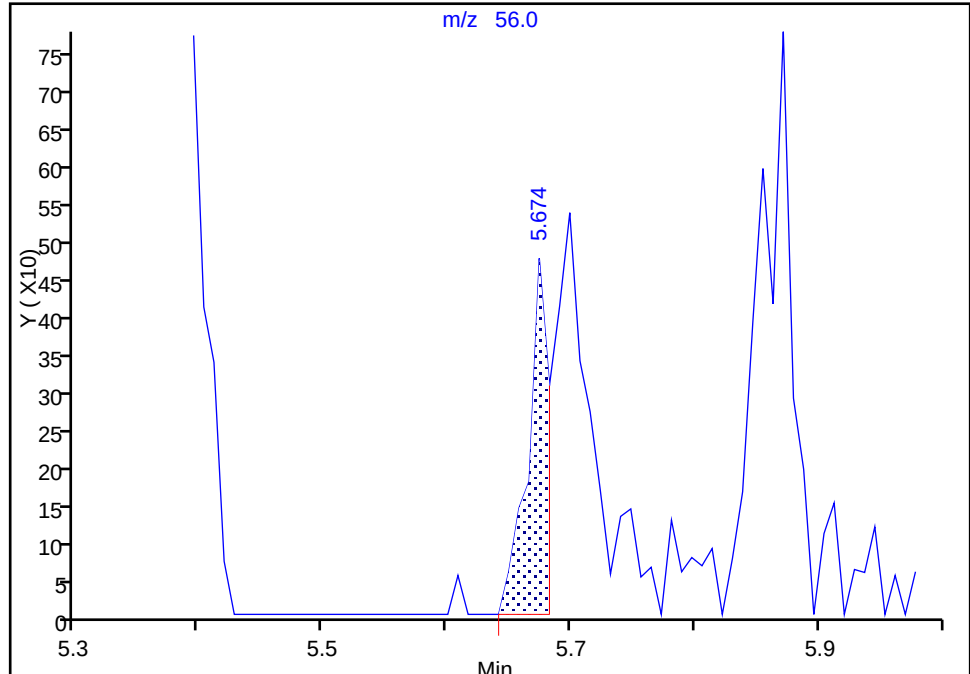
Detector: MS SCAN

62 n-Butanol, CAS: 71-36-3

Signal: 1

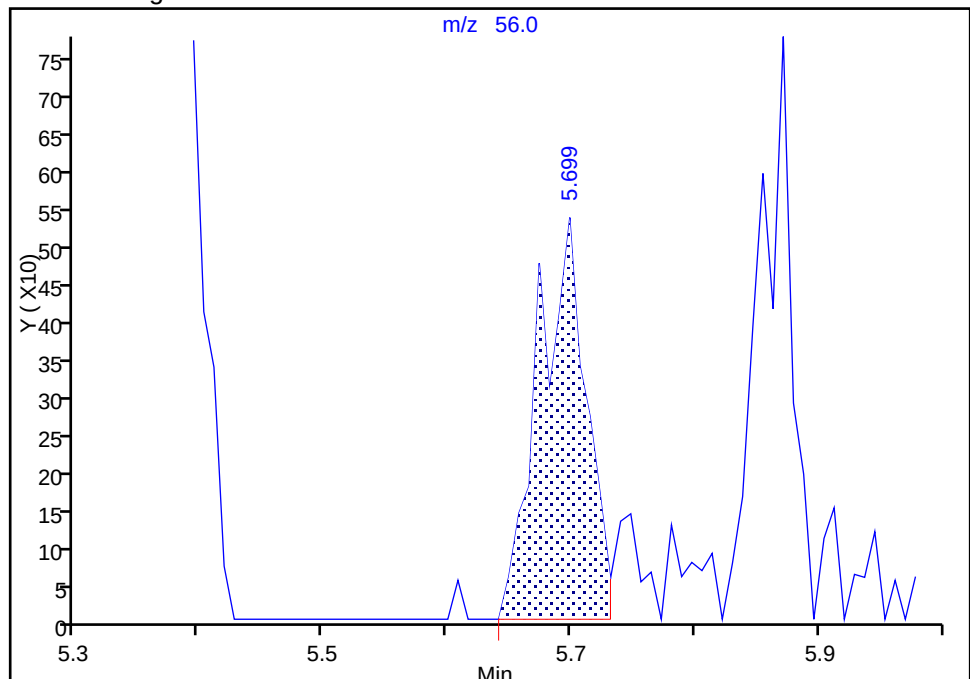
RT: 5.67
Area: 571
Amount: 8.117324
Amount Units: ug/l

Processing Integration Results



RT: 5.70
Area: 1448
Amount: 25.698466
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 03-Oct-2017 12:44:38

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D

Injection Date: 03-Oct-2017 09:23:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

32

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

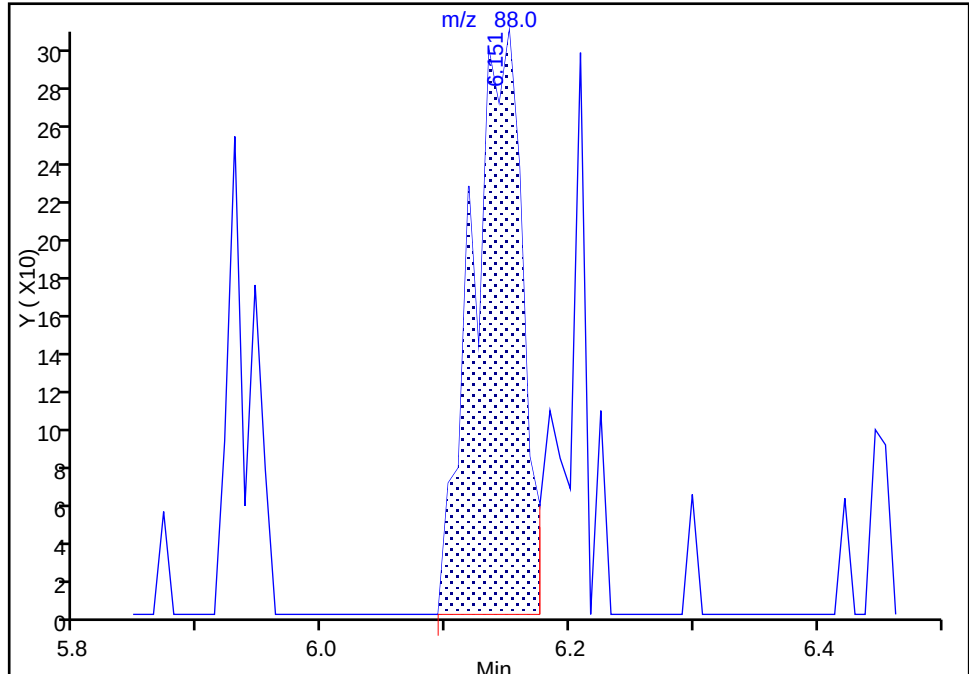
Detector: MS SCAN

69 1,4-Dioxane, CAS: 123-91-1

Signal: 1

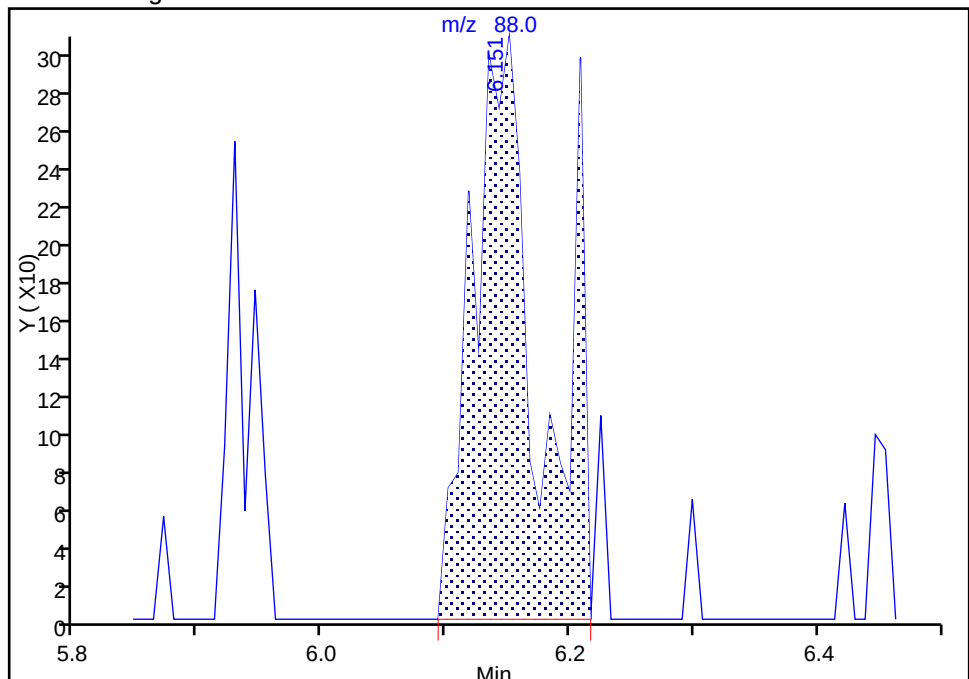
RT: 6.15
Area: 864
Amount: 40.717120
Amount Units: ug/l

Processing Integration Results



RT: 6.15
Area: 1135
Amount: 49.371195
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 03-Oct-2017 12:45:07

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D

Injection Date: 03-Oct-2017 09:23:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 32

Injection Vol: 1.0 uL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

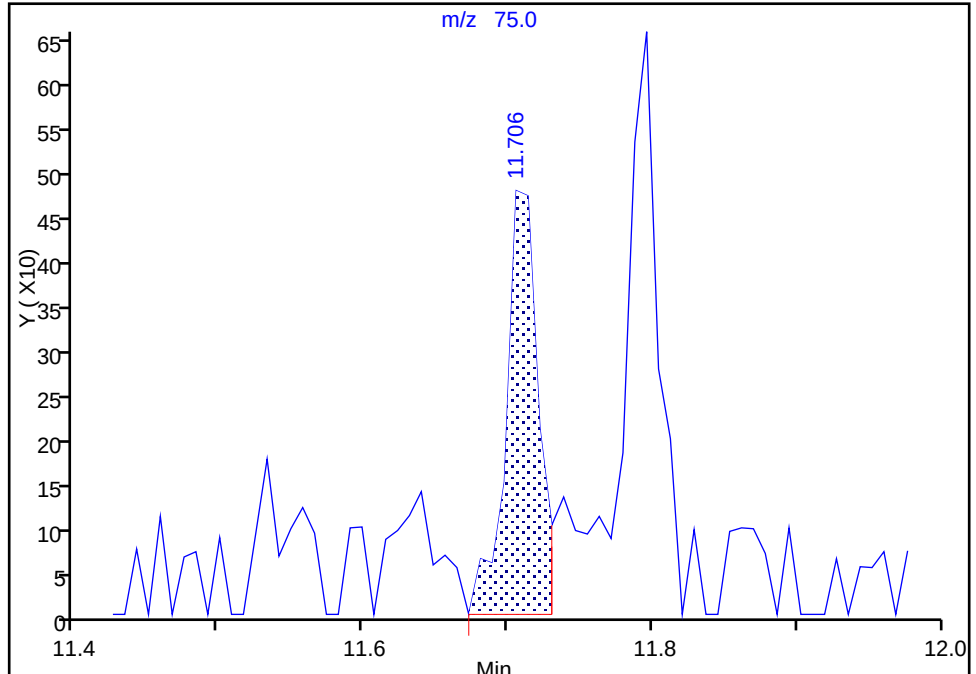
MS SCAN

124 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Signal: 1

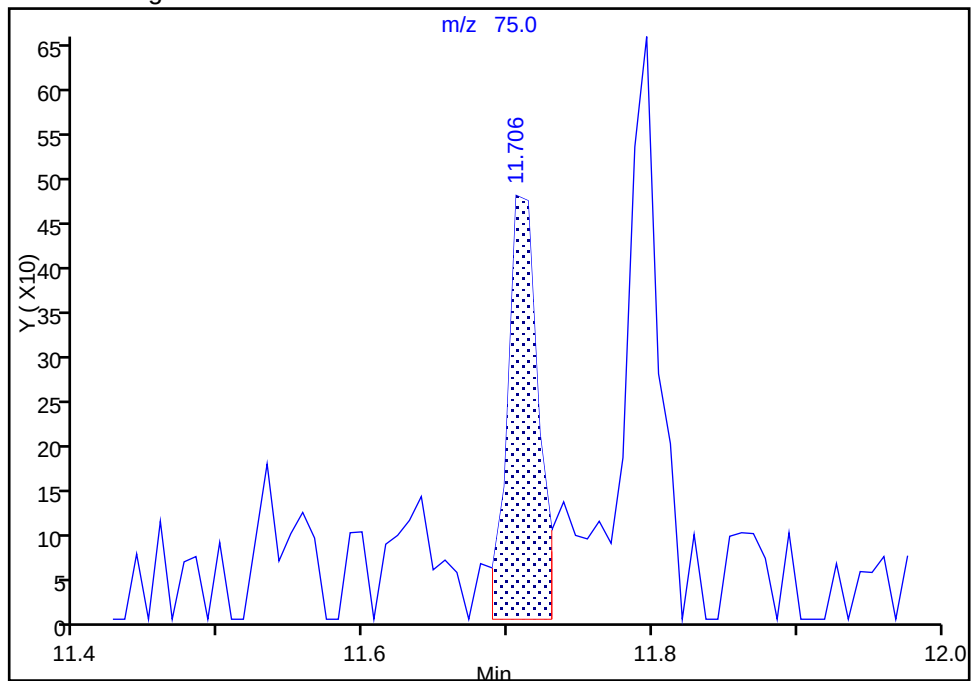
RT: 11.71
Area: 758
Amount: 1.410867
Amount Units: ug/l

Processing Integration Results



RT: 11.71
Area: 727
Amount: 1.293718
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 03-Oct-2017 12:58:00

Audit Action: Split an Integrated Peak

Audit Reason: Shouldering

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D

Injection Date: 03-Oct-2017 09:23:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

32

Injection Vol: 1.0 uL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

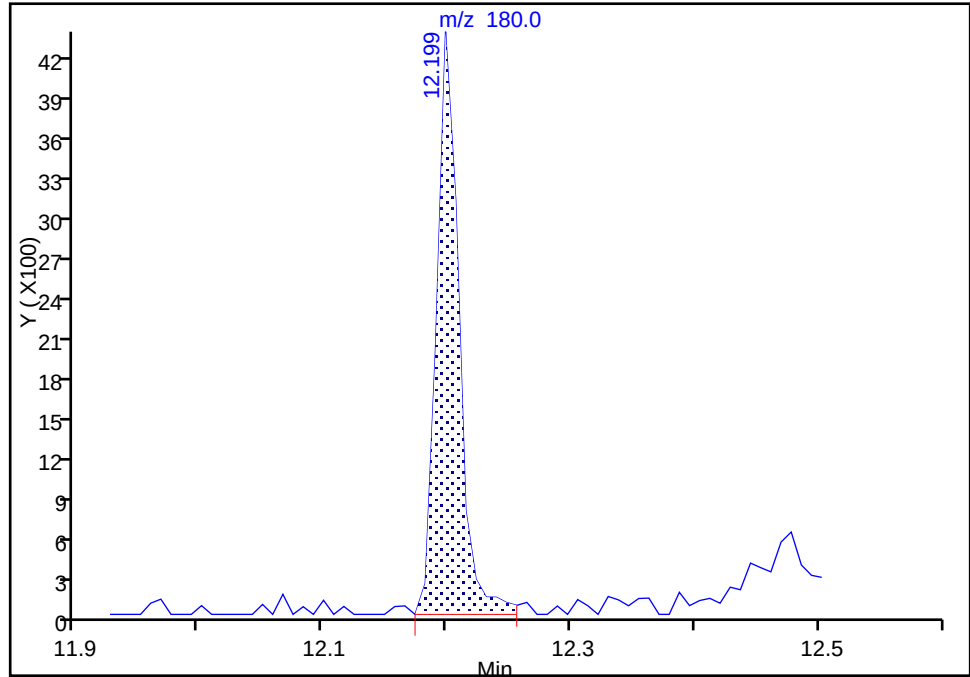
MS SCAN

126 1,2,4-Trichlorobenzene, CAS: 120-82-1

Signal: 1

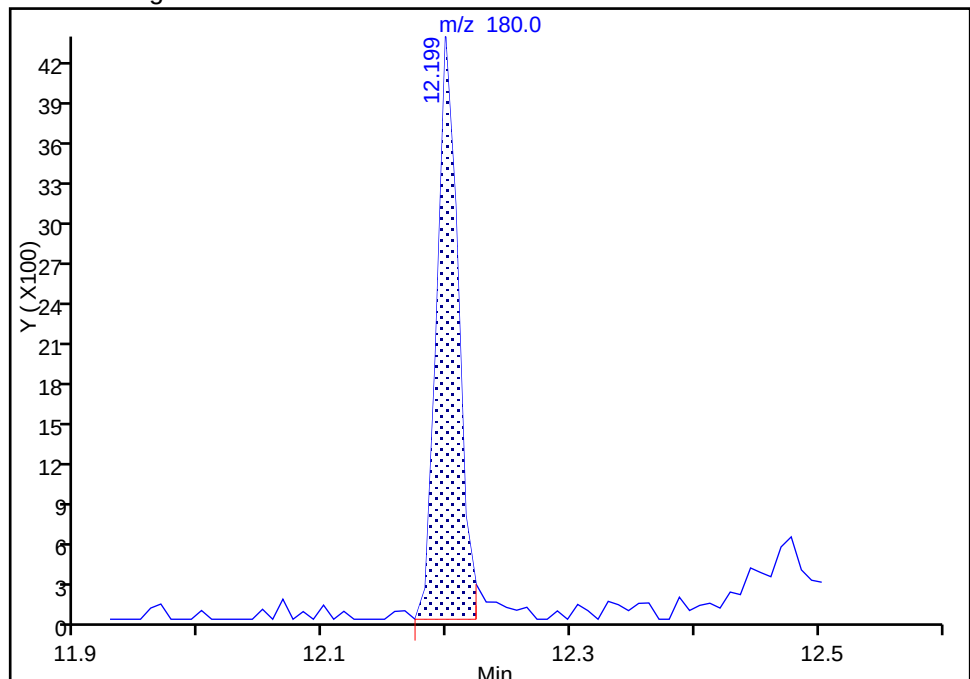
RT: 12.20
Area: 5439
Amount: 1.222058
Amount Units: ug/l

Processing Integration Results



RT: 12.20
Area: 5237
Amount: 1.226079
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 03-Oct-2017 12:58:25

Audit Action: Split an Integrated Peak

Audit Reason: Peak Tail

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D

Injection Date: 03-Oct-2017 09:23:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 32

Injection Vol: 1.0 uL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

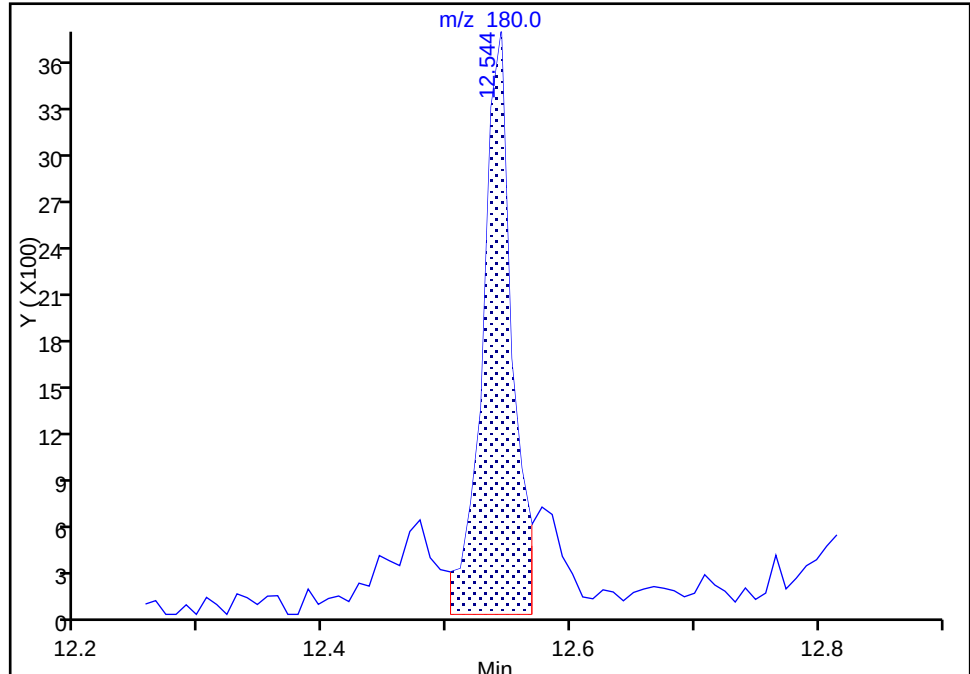
MS SCAN

129 1,2,3-Trichlorobenzene, CAS: 87-61-6

Signal: 1

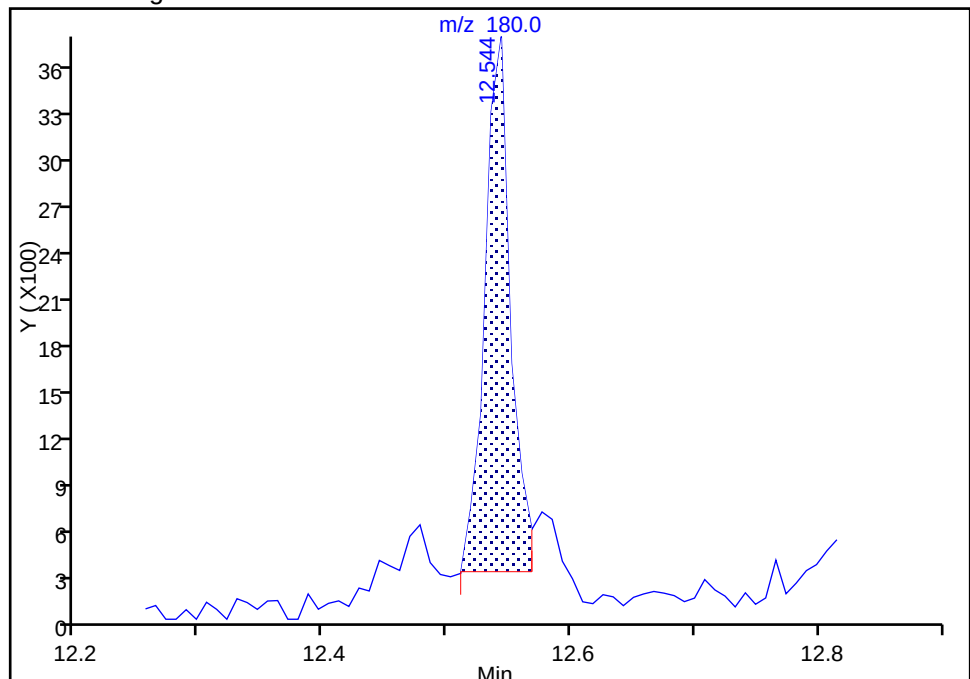
RT: 12.54
Area: 6350
Amount: 1.587129
Amount Units: ug/l

Processing Integration Results



RT: 12.54
Area: 5000
Amount: 1.275229
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 03-Oct-2017 12:58:51

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-141953-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-467699/3 Calibration Date: 10/08/2017 10:39
 Instrument ID: CVOAMS6 Calib Start Date: 10/03/2017 02:03
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/03/2017 09:23
 Lab File ID: F54704.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0639	0.0596		18.6	20.0	-6.8	20.0
Dichlorodifluoromethane	Ave	0.4080	0.3312	0.1000	16.2	20.0	-18.8	20.0
Chloromethane	Ave	0.3607	0.3639	0.1000	20.2	20.0	0.9	20.0
Butadiene	Lin2		0.2602		17.7	20.0	-11.4	20.0
Vinyl chloride	Ave	0.3506	0.3327	0.1000	19.0	20.0	-5.1	20.0
Bromomethane	Ave	0.2177	0.1926	0.1000	17.7	20.0	-11.5	50.0
Chloroethane	Ave	0.1831	0.2042	0.1000	22.3	20.0	11.5	50.0
Dichlorofluoromethane	Ave	0.5056	0.4428		17.5	20.0	-12.4	20.0
Trichlorofluoromethane	Ave	0.3891	0.3253	0.1000	16.7	20.0	-16.4	20.0
Pentane	Ave	0.0461	0.0480		41.7	40.0	4.3	20.0
Ethanol	Ave	0.0722	0.0682		756	800	-5.5	50.0
Ethyl ether	Ave	0.2633	0.2754		20.9	20.0	4.6	20.0
2-Methyl-1,3-butadiene	Ave	0.2352	0.2454		20.9	20.0	4.3	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2283	0.2142		18.8	20.0	-6.2	20.0
Acrolein	Ave	2.514	1.996		31.8	40.0	-20.6	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2003	0.1678	0.1000	16.7	20.0	-16.3	20.0
1,1-Dichloroethene	Ave	0.2789	0.2318	0.1000	16.6	20.0	-16.9	20.0
Acetone	Ave	0.8622	0.8521	0.0500	98.8	100	-1.2	50.0
Iodomethane	Ave	0.4887	0.4445		18.2	20.0	-9.1	20.0
Isopropyl alcohol	Ave	0.6804	0.5935		174	200	-12.8	50.0
Carbon disulfide	Ave	0.9052	0.8339	0.1000	18.4	20.0	-7.9	50.0
Allyl chloride	Ave	0.5251	0.6208		23.6	20.0	18.2	20.0
Methyl acetate	Ave	0.2014	0.2242	0.1000	111	100	11.3	20.0
Cyclopentene	Ave	0.6881	0.7367		21.4	20.0	7.1	20.0
Acetonitrile	Ave	0.0447	0.0433		194	200	-3.1	20.0
Methylene Chloride	Ave	0.3325	0.3206	0.1000	19.3	20.0	-3.6	20.0
2-Methyl-2-propanol	Ave	1.387	1.318		190	200	-5.0	50.0
Methyl tert-butyl ether	Ave	0.8343	0.8170	0.1000	19.6	20.0	-2.1	20.0
trans-1,2-Dichloroethene	Ave	0.3093	0.3211	0.1000	20.8	20.0	3.8	20.0
Acrylonitrile	Ave	0.1172	0.1259		215	200	7.4	20.0
Hexane	Ave	0.2460	0.2740		22.3	20.0	11.4	20.0
Isopropyl ether	Ave	0.9325	1.045		22.4	20.0	12.0	20.0
1,1-Dichloroethane	Ave	0.5456	0.5865	0.2000	21.5	20.0	7.5	20.0
Vinyl acetate	Ave	0.0555	0.0550		39.6	40.0	-1.0	20.0
2-Chloro-1,3-butadiene	Ave	0.2871	0.2938		20.5	20.0	2.3	20.0
Tert-butyl ethyl ether	Ave	0.8786	0.8952		20.4	20.0	1.9	20.0
2,2-Dichloropropane	Ave	0.0907	0.0886		19.5	20.0	-2.3	20.0
cis-1,2-Dichloroethene	Ave	0.3662	0.3629	0.1000	19.8	20.0	-0.9	20.0
Ethyl acetate	Lin2		0.3070		40.0	40.0	0.0	20.0
2-Butanone (MEK)	Ave	0.3469	0.3251	0.0500	93.7	100	-6.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-141953-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-467699/3 Calibration Date: 10/08/2017 10:39
 Instrument ID: CVOAMS6 Calib Start Date: 10/03/2017 02:03
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/03/2017 09:23
 Lab File ID: F54704.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl acrylate	Ave	0.3382	0.3491		20.6	20.0	3.2	20.0
Propionitrile	Ave	0.0407	0.0379		187	200	-6.7	20.0
Chlorobromomethane	Ave	0.1728	0.1660		19.2	20.0	-4.0	20.0
Tetrahydrofuran	Ave	0.4134	0.4033		39.0	40.0	-2.4	20.0
Methacrylonitrile	Ave	0.1150	0.1220		212	200	6.1	20.0
Chloroform	Ave	0.5220	0.5434	0.2000	20.8	20.0	4.1	20.0
Cyclohexane	Ave	0.3497	0.3620	0.1000	20.7	20.0	3.5	50.0
1,1,1-Trichloroethane	Ave	0.3976	0.3891	0.1000	19.6	20.0	-2.1	20.0
Carbon tetrachloride	Ave	0.3592	0.3519	0.1000	19.6	20.0	-2.0	20.0
1,1-Dichloropropene	Ave	0.4167	0.4191		20.1	20.0	0.6	20.0
Isobutyl alcohol	Ave	0.7810	0.8430		540	500	7.9	50.0
Benzene	Ave	1.749	1.782	0.5000	20.4	20.0	1.9	20.0
Isopropyl acetate	Ave	0.7955	0.8661		21.8	20.0	8.9	20.0
Tert-amyl methyl ether	Ave	0.9648	1.011		21.0	20.0	4.8	20.0
1,2-Dichloroethane	Ave	0.3748	0.3724	0.1000	19.9	20.0	-0.7	20.0
n-Heptane	Ave	0.1937	0.2104		21.7	20.0	8.6	20.0
n-Butanol	Ave	0.3242	0.2978		459	500	-8.1	50.0
Trichloroethene	Ave	0.2978	0.2921	0.2000	19.6	20.0	-1.9	20.0
Ethyl acrylate	Ave	0.6232	0.6670		21.4	20.0	7.0	20.0
Methylcyclohexane	Ave	0.4649	0.4617	0.1000	19.9	20.0	-0.7	50.0
1,2-Dichloropropane	Ave	0.2917	0.3147	0.1000	21.6	20.0	7.9	20.0
Methyl methacrylate	Ave	0.0700	0.0670		38.3	40.0	-4.3	20.0
1,4-Dioxane	Ave	1.371	0.9935		290	400	-27.5	50.0
n-Propyl acetate	Ave	0.3207	0.3528		22.0	20.0	10.0	20.0
Dibromomethane	Ave	0.1727	0.1815		21.0	20.0	5.1	20.0
Bromodichloromethane	Ave	0.3674	0.3636	0.2000	19.8	20.0	-1.0	20.0
2-Chloroethyl vinyl ether	Ave	0.1602	0.1735		21.7	20.0	8.3	20.0
2-Nitropropane	Ave	0.0610	0.0567		37.2	40.0	-7.1	20.0
Epichlorohydrin	Ave	0.2771	0.2760		398	400	-0.4	20.0
cis-1,3-Dichloropropene	Ave	0.6562	0.6732	0.2000	20.5	20.0	2.6	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.617	3.012	0.0500	115	100	15.1	50.0
Toluene	Ave	1.753	1.768	0.4000	20.2	20.0	0.8	20.0
trans-1,3-Dichloropropene	Ave	0.5638	0.5779	0.1000	20.5	20.0	2.5	50.0
Ethyl methacrylate	Ave	0.5110	0.5331		20.9	20.0	4.3	20.0
1,1,2-Trichloroethane	Ave	0.2978	0.3069	0.1000	20.6	20.0	3.1	20.0
Tetrachloroethene	Ave	0.4634	0.4151	0.2000	17.9	20.0	-10.4	20.0
1,3-Dichloropropane	Ave	0.5845	0.6268		21.4	20.0	7.2	20.0
2-Hexanone	Ave	1.672	1.948	0.0500	117	100	16.5	50.0
n-Butyl acetate	Ave	0.5653	0.6951		24.6	20.0	22.9*	20.0
Dibromochloromethane	Ave	0.4196	0.3873	0.1000	18.5	20.0	-7.7	50.0
1,2-Dibromoethane	Ave	0.3566	0.3502	0.1000	19.6	20.0	-1.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-141953-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-467699/3 Calibration Date: 10/08/2017 10:39
 Instrument ID: CVOAMS6 Calib Start Date: 10/03/2017 02:03
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/03/2017 09:23
 Lab File ID: F54704.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorobenzene	Ave	1.168	1.146	0.5000	19.6	20.0	-1.9	20.0
Ethylbenzene	Ave	0.6416	0.6210	0.1000	19.4	20.0	-3.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4485	0.4310		19.2	20.0	-3.9	20.0
m&p-Xylene	Ave	0.7837	0.7623	0.1000	19.5	20.0	-2.7	20.0
n-Butyl acrylate	Ave	0.3271	0.3530		21.6	20.0	7.9	20.0
o-Xylene	Ave	0.8129	0.8064	0.3000	19.8	20.0	-0.8	20.0
Styrene	Ave	1.305	1.331	0.3000	20.4	20.0	2.0	20.0
Amyl acetate (mixed isomers)	Ave	1.210	1.571		26.0	20.0	29.8*	20.0
Bromoform	Ave	0.3090	0.2831	0.1000	18.3	20.0	-8.4	20.0
Isopropylbenzene	Ave	2.022	1.975	0.1000	19.5	20.0	-2.3	20.0
Bromobenzene	Ave	0.8889	0.8939		20.1	20.0	0.6	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7773	0.8849	0.3000	22.8	20.0	13.8	20.0
N-Propylbenzene	Ave	3.644	4.031		22.1	20.0	10.6	20.0
1,2,3-Trichloropropane	Ave	0.2571	0.2613		20.3	20.0	1.6	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2135	0.2472		23.2	20.0	15.8	20.0
2-Chlorotoluene	Ave	2.600	2.862		22.0	20.0	10.1	20.0
4-Ethyltoluene	Ave	3.122	3.369		21.6	20.0	7.9	20.0
1,3,5-Trimethylbenzene	Ave	2.731	2.870		21.0	20.0	5.1	20.0
4-Chlorotoluene	Ave	2.477	2.671		21.6	20.0	7.8	20.0
Butyl Methacrylate	Ave	0.9834	1.098		22.3	20.0	11.6	20.0
tert-Butylbenzene	Ave	2.219	2.274		20.5	20.0	2.5	20.0
1,2,4-Trimethylbenzene	Ave	2.844	3.014		21.2	20.0	6.0	20.0
sec-Butylbenzene	Ave	3.230	3.344		20.7	20.0	3.5	20.0
1,3-Dichlorobenzene	Ave	1.633	1.691	0.6000	20.7	20.0	3.6	20.0
4-Isopropyltoluene	Ave	2.822	2.945		20.9	20.0	4.3	20.0
1,4-Dichlorobenzene	Ave	1.708	1.728	0.5000	20.2	20.0	1.2	20.0
1,2,3-Trimethylbenzene	Ave	2.956	3.185		21.5	20.0	7.7	20.0
Benzyl chloride	Ave	1.796	1.998		22.2	20.0	11.2	50.0
Indan	Ave	2.947	3.147		21.4	20.0	6.8	20.0
p-Diethylbenzene	Ave	1.623	1.653		20.4	20.0	1.8	20.0
n-Butylbenzene	Ave	1.447	1.584		21.9	20.0	9.4	20.0
1,2-Dichlorobenzene	Ave	1.663	1.684	0.4000	20.2	20.0	1.2	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.756	2.883		20.9	20.0	4.6	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1521	0.1597	0.0500	21.0	20.0	5.0	50.0
1,3,5-Trichlorobenzene	Ave	1.232	1.173		19.0	20.0	-4.8	20.0
1,2,4-Trichlorobenzene	Ave	1.156	1.150	0.2000	19.9	20.0	-0.5	20.0
Hexachlorobutadiene	Ave	0.5706	0.5017		17.6	20.0	-12.1	20.0
Naphthalene	Ave	2.508	2.988		23.8	20.0	19.2	50.0
1,2,3-Trichlorobenzene	Ave	1.062	1.111		20.9	20.0	4.7	20.0
Dibromofluoromethane (Surr)	Ave	0.2463	0.2484		50.4	50.0	0.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2626	0.2759		52.5	50.0	5.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-141953-1
SDG No.: _____
Lab Sample ID: CCVIS 460-467699/3 Calibration Date: 10/08/2017 10:39
Instrument ID: CVOAMS6 Calib Start Date: 10/03/2017 02:03
GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/03/2017 09:23
Lab File ID: F54704.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toluene-d8 (Surr)	Ave	1.310	1.324		50.5	50.0	1.1	20.0
4-Bromofluorobenzene	Ave	0.4682	0.4321		46.1	50.0	-7.7	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54704.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 08-Oct-2017 10:39:30 ALS Bottle#: 2 Worklist Smp#: 3
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0061487-003
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub42
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Oct-2017 12:54:57 Calib Date: 03-Oct-2017 09:23:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK022

First Level Reviewer: tupayachia

Date: 08-Oct-2017 10:59:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.541	1.541	0.000	54	12610	20.0	18.6	
2 Dichlorodifluoromethane	85	1.582	1.582	0.000	99	70119	20.0	16.2	
3 Chloromethane	50	1.763	1.763	0.000	99	77039	20.0	20.2	
4 Vinyl chloride	62	1.845	1.845	0.000	99	70421	20.0	19.0	
5 Butadiene	54	1.845	1.845	0.000	76	55075	20.0	17.7	
6 Bromomethane	94	2.141	2.141	0.000	98	40761	20.0	17.7	
7 Chloroethane	64	2.215	2.215	0.000	93	43231	20.0	22.3	
8 Dichlorofluoromethane	67	2.363	2.363	0.000	95	93728	20.0	17.5	
9 Trichlorofluoromethane	101	2.371	2.371	0.000	81	68859	20.0	16.7	
10 Pentane	72	2.412	2.412	0.000	97	20330	40.0	41.7	
11 Ethanol	46	2.601	2.601	0.000	79	9985	800.0	755.8	
12 Ethyl ether	59	2.601	2.601	0.000	91	58297	20.0	20.9	
13 2-Methyl-1,3-butadiene	53	2.626	2.626	0.000	92	51948	20.0	20.9	
14 1,2-Dichloro-1,1,2-trifluo	117	2.650	2.650	0.000	82	45348	20.0	18.8	
15 Acrolein	56	2.782	2.782	0.000	47	14616	40.0	31.8	
16 1,1,2-Trichloro-1,2,2-trif	101	2.790	2.790	0.000	65	35514	20.0	16.7	
17 1,1-Dichloroethene	96	2.815	2.815	0.000	98	49060	20.0	16.6	
18 Acetone	43	2.897	2.897	0.000	90	83981	100.0	98.8	
19 Iodomethane	142	2.963	2.963	0.000	98	94088	20.0	18.2	
20 Isopropyl alcohol	45	2.996	2.996	0.000	32	21733	200.0	174.5	
21 Carbon disulfide	76	3.004	3.004	0.000	99	176535	20.0	18.4	
22 3-Chloro-1-propene	41	3.127	3.127	0.000	93	131413	20.0	23.6	
24 Methyl acetate	43	3.127	3.127	0.000	99	237324	100.0	111.3	
23 Cyclopentene	67	3.143	3.143	0.000	92	155964	20.0	21.4	
25 Acetonitrile	41	3.193	3.193	0.000	95	91666	200.0	193.8	
* 26 TBA-d9 (IS)	65	3.250	3.250	0.000	75	183083	1000.0	1000.0	
27 Methylene Chloride	84	3.250	3.250	0.000	94	67878	20.0	19.3	
28 2-Methyl-2-propanol	59	3.324	3.324	0.000	34	48260	200.0	190.0	
29 Methyl tert-butyl ether	73	3.415	3.415	0.000	97	172963	20.0	19.6	
30 trans-1,2-Dichloroethene	96	3.431	3.431	0.000	97	67966	20.0	20.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.505	3.505	0.000	95	266424	200.0	214.7	
32 Hexane	43	3.579	3.579	0.000	93	57999	20.0	22.3	
33 Isopropyl ether	45	3.784	3.784	0.000	95	221161	20.0	22.4	
34 1,1-Dichloroethane	63	3.825	3.825	0.000	99	124156	20.0	21.5	
35 Vinyl acetate	86	3.825	3.825	0.000	93	23282	40.0	39.6	
36 2-Chloro-1,3-butadiene	88	3.867	3.867	0.000	90	62185	20.0	20.5	
37 Tert-butyl ethyl ether	59	4.105	4.105	0.000	89	189506	20.0	20.4	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	89	246387	250.0	250.0	
39 2,2-Dichloropropane	97	4.335	4.335	0.000	84	18752	20.0	19.5	
40 cis-1,2-Dichloroethene	96	4.343	4.343	0.000	94	76819	20.0	19.8	
42 Ethyl acetate	70	4.343	4.343	0.000	96	12103	40.0	40.0	
41 2-Butanone (MEK)	72	4.360	4.360	0.000	96	32043	100.0	93.7	
43 Methyl acrylate	55	4.409	4.409	0.000	91	50477	20.0	20.6	
44 Propionitrile	54	4.491	4.491	0.000	98	80292	200.0	186.6	
46 Tetrahydrofuran	72	4.565	4.565	0.000	57	15900	40.0	39.0	
45 Chlorobromomethane	128	4.565	4.565	0.000	88	35144	20.0	19.2	
47 Methacrylonitrile	67	4.590	4.590	0.000	92	258241	200.0	212.1	
48 Chloroform	83	4.614	4.614	0.000	98	115037	20.0	20.8	
49 Cyclohexane	84	4.746	4.746	0.000	91	76628	20.0	20.7	
50 1,1,1-Trichloroethane	97	4.762	4.762	0.000	92	82371	20.0	19.6	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.770	0.000	97	131457	50.0	50.4	
52 Carbon tetrachloride	117	4.877	4.877	0.000	99	74498	20.0	19.6	
53 1,1-Dichloropropene	75	4.910	4.910	0.000	98	88729	20.0	20.1	
54 Isobutyl alcohol	43	5.025	5.025	0.000	89	77166	500.0	539.7	
55 Benzene	78	5.107	5.107	0.000	95	257627	20.0	20.4	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.124	5.124	0.000	96	146032	50.0	52.5	
57 Isopropyl acetate	43	5.157	5.157	0.000	96	183350	20.0	21.8	
58 Tert-amyl methyl ether	73	5.165	5.165	0.000	95	214042	20.0	21.0	
59 1,2-Dichloroethane	62	5.198	5.198	0.000	96	78831	20.0	19.9	
60 n-Heptane	57	5.247	5.247	0.000	92	44531	20.0	21.7	
* 61 Fluorobenzene	96	5.395	5.395	0.000	98	529238	50.0	50.0	
62 n-Butanol	56	5.682	5.682	0.000	88	27260	500.0	459.3	
63 Trichloroethene	95	5.740	5.740	0.000	98	61839	20.0	19.6	
65 Ethyl acrylate	55	5.855	5.855	0.000	99	141196	20.0	21.4	
64 Methylcyclohexane	83	5.863	5.863	0.000	89	97740	20.0	19.9	
66 1,2-Dichloropropane	63	6.028	6.028	0.000	93	66617	20.0	21.6	
* 67 1,4-Dioxane-d8	96	6.085	6.085	0.000	89	17959	1000.0	1000.0	
68 Methyl methacrylate	100	6.102	6.102	0.000	92	28379	40.0	38.3	
69 1,4-Dioxane	88	6.151	6.151	0.000	27	7137	400.0	289.8	
70 n-Propyl acetate	43	6.151	6.151	0.000	98	74691	20.0	22.0	
71 Dibromomethane	93	6.159	6.159	0.000	98	38430	20.0	21.0	
72 Dichlorobromomethane	83	6.307	6.307	0.000	98	76975	20.0	19.8	
74 2-Chloroethyl vinyl ether	63	6.644	6.644	0.000	81	36732	20.0	21.7	
73 2-Nitropropane	41	6.644	6.644	0.000	76	23993	40.0	37.2	
75 Epichlorohydrin	57	6.751	6.751	0.000	99	108789	400.0	398.3	
76 cis-1,3-Dichloropropene	75	6.808	6.808	0.000	92	97329	20.0	20.5	
77 4-Methyl-2-pentanone (MIBK	43	6.973	6.973	0.000	96	296831	100.0	115.1	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.055	0.000	99	478571	50.0	50.5	
79 Toluene	91	7.129	7.129	0.000	95	255568	20.0	20.2	
80 trans-1,3-Dichloropropene	75	7.482	7.482	0.000	96	83556	20.0	20.5	
81 Ethyl methacrylate	69	7.507	7.507	0.000	89	77072	20.0	20.9	
82 1,1,2-Trichloroethane	83	7.696	7.696	0.000	95	44377	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.745	7.745	0.000	97	60009	20.0	17.9	
84 1,3-Dichloropropane	76	7.909	7.909	0.000	92	90629	20.0	21.4	
85 2-Hexanone	43	7.967	7.967	0.000	96	191962	100.0	116.5	
86 n-Butyl acetate	43	8.082	8.082	0.000	99	100497	20.0	24.6	
87 Chlorodibromomethane	129	8.139	8.139	0.000	98	56000	20.0	18.5	
88 Ethylene Dibromide	107	8.295	8.295	0.000	98	50636	20.0	19.6	
* 89 Chlorobenzene-d5	117	8.846	8.846	0.000	87	361458	50.0	50.0	
90 Chlorobenzene	112	8.879	8.879	0.000	94	165665	20.0	19.6	
91 Ethylbenzene	106	8.986	8.986	0.000	98	89791	20.0	19.4	
92 1,1,1,2-Tetrachloroethane	131	9.002	9.002	0.000	93	62312	20.0	19.2	
93 m-Xylene & p-Xylene	106	9.134	9.134	0.000	97	110217	20.0	19.5	
94 n-Butyl acrylate	73	9.553	9.553	0.000	98	51036	20.0	21.6	
95 o-Xylene	106	9.569	9.569	0.000	94	116593	20.0	19.8	
96 Styrene	104	9.602	9.602	0.000	95	192373	20.0	20.4	
97 Amyl acetate (mixed isomer	43	9.775	9.775	0.000	91	136803	20.0	26.0	
98 Bromoform	173	9.799	9.799	0.000	98	40926	20.0	18.3	
99 Isopropylbenzene	105	9.906	9.906	0.000	96	285607	20.0	19.5	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	89	156195	50.0	46.1	
101 Bromobenzene	156	10.202	10.202	0.000	99	77837	20.0	20.1	
102 1,1,2,2-Tetrachloroethane	83	10.235	10.235	0.000	99	77058	20.0	22.8	
103 N-Propylbenzene	91	10.259	10.259	0.000	99	351010	20.0	22.1	
104 1,2,3-Trichloropropane	110	10.276	10.276	0.000	99	22749	20.0	20.3	
105 trans-1,4-Dichloro-2-buten	53	10.292	10.292	0.000	91	21528	20.0	23.2	
106 2-Chlorotoluene	91	10.350	10.350	0.000	96	249197	20.0	22.0	
107 4-Ethyltoluene	105	10.350	10.350	0.000	98	293356	20.0	21.6	
108 1,3,5-Trimethylbenzene	105	10.407	10.407	0.000	92	249911	20.0	21.0	
109 4-Chlorotoluene	91	10.440	10.440	0.000	97	232598	20.0	21.6	
110 Butyl Methacrylate	87	10.481	10.481	0.000	90	95569	20.0	22.3	
111 tert-Butylbenzene	119	10.637	10.637	0.000	94	198042	20.0	20.5	
112 1,2,4-Trimethylbenzene	105	10.687	10.687	0.000	97	262462	20.0	21.2	
113 sec-Butylbenzene	105	10.793	10.793	0.000	99	291234	20.0	20.7	
114 4-Isopropyltoluene	119	10.900	10.900	0.000	98	256441	20.0	20.9	
115 1,3-Dichlorobenzene	146	10.900	10.900	0.000	94	147236	20.0	20.7	
* 116 1,4-Dichlorobenzene-d4	152	10.950	10.950	0.000	97	217697	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.966	10.966	0.000	94	150488	20.0	20.2	
132 1,2,3-Trimethylbenzene	105	10.982	10.982	0.000	94	277342	20.0	21.5	
118 Benzyl chloride	91	11.065	11.065	0.000	99	173942	20.0	22.2	
119 2,3-Dihydroindene	117	11.114	11.114	0.000	95	274058	20.0	21.4	
120 p-Diethylbenzene	119	11.147	11.147	0.000	94	143933	20.0	20.4	
121 n-Butylbenzene	92	11.163	11.163	0.000	98	137917	20.0	21.9	
122 1,2-Dichlorobenzene	146	11.212	11.212	0.000	95	146612	20.0	20.2	
123 1,2,4,5-Tetramethylbenzene	119	11.623	11.623	0.000	97	251083	20.0	20.9	
124 1,2-Dibromo-3-Chloropropan	75	11.705	11.705	0.000	94	13909	20.0	21.0	
125 1,3,5-Trichlorobenzene	180	11.788	11.788	0.000	97	102107	20.0	19.0	
126 1,2,4-Trichlorobenzene	180	12.190	12.190	0.000	93	100172	20.0	19.9	
127 Hexachlorobutadiene	225	12.256	12.256	0.000	96	43683	20.0	17.6	
128 Naphthalene	128	12.371	12.371	0.000	99	260222	20.0	23.8	
129 1,2,3-Trichlorobenzene	180	12.535	12.535	0.000	96	96741	20.0	20.9	
S 130 1,2-Dichloroethene, Total	100				0		40.0	40.6	
S 131 Xylenes, Total	100				0		40.0	39.3	

Reagents:

GASES Li_00228	Amount Added: 20.00	Units: uL	
ACROLEIN W_00069	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00062	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00004	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS6\\20171008-61487.b\\F54704.D

Injection Date: 08-Oct-2017 10:39:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

Injection Vol: 1.0 uL

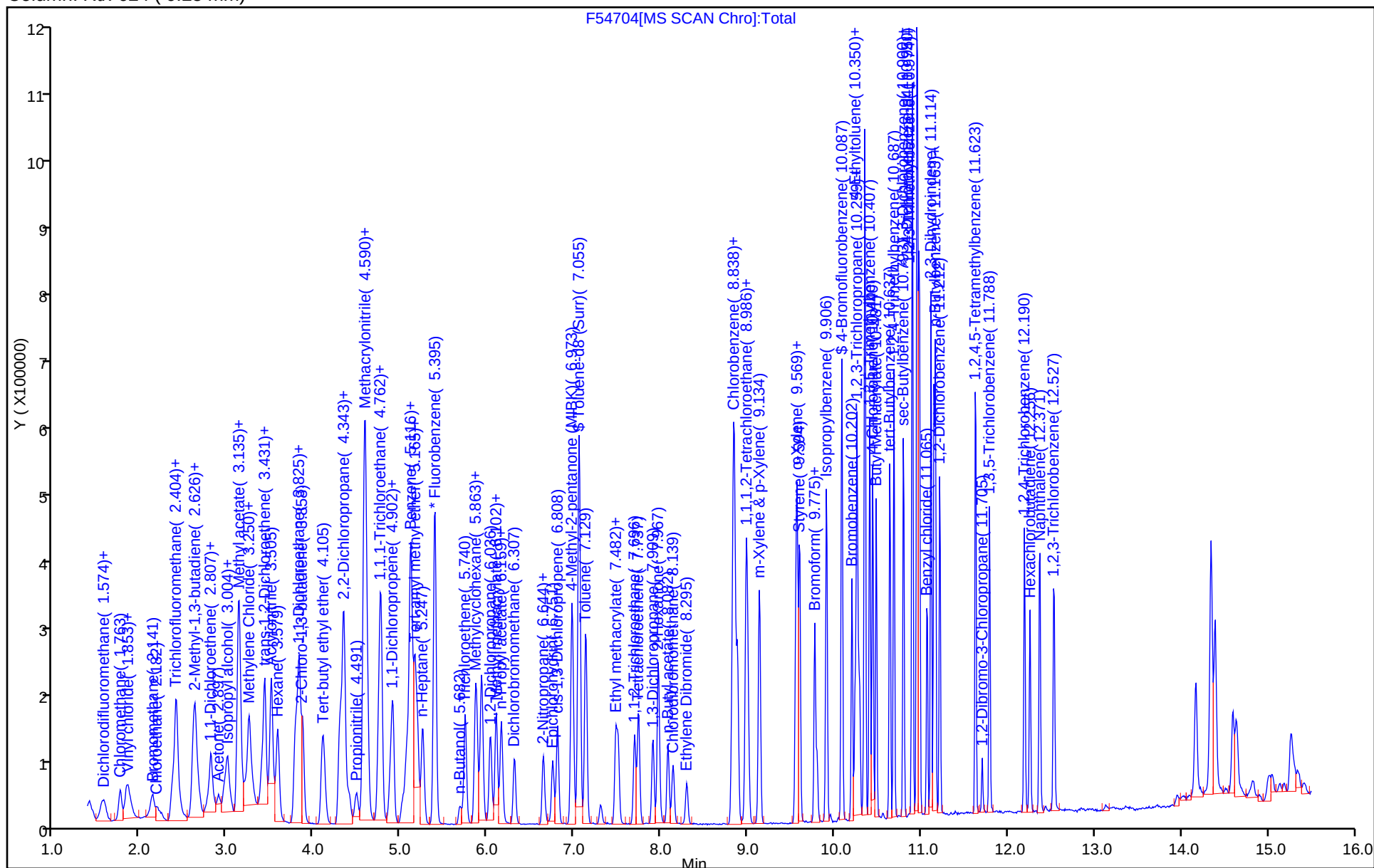
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54398.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 03-Oct-2017 00:52:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0061230-001
Operator ID: Instrument ID: CVOAMS6
Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 03-Oct-2017 12:25:21 Calib Date: 03-Oct-2017 09:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: delpolitov

Date: 03-Oct-2017 12:25:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 133 BFB	95	3.449	3.449	0.000	87	264268	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00015

Amount Added: 1.00

Units: uL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54398.D

Injection Date: 03-Oct-2017 00:52:30

Instrument ID: CVOAMS6

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

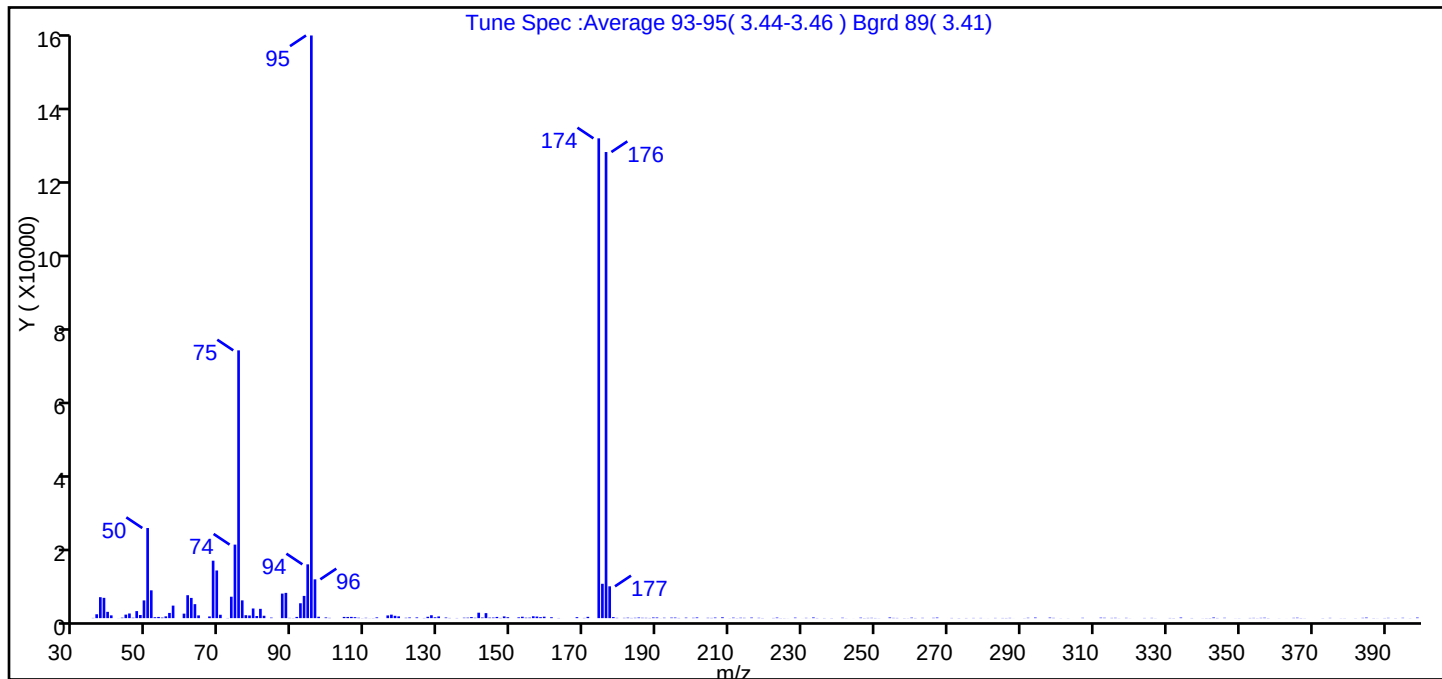
Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 133 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.5
75	30 to 60% of m/z 95	46.0
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	82.3
175	5 to 9% of m/z 174	5.9 (7.2)
176	Greater than 95% but less than 101% of m/z 174	80.0 (97.1)
177	5 to 9% of m/z 176	5.5 (6.8)

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54398.D\8260624W6.rslt\spectra.d
Injection Date: 03-Oct-2017 00:52:30
Spectrum: Tune Spec :Average 93-95(3.44-3.46) Bgrd 89(3.41)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 247

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	58	109.00	27	190.00	166	285.00	48
36.00	1024	110.00	89	191.00	13	286.00	42
37.00	5539	111.00	18	192.00	103	287.00	71
38.00	5364	112.00	35	194.00	139	288.00	7
39.00	1666	113.00	203	195.00	147	291.00	28
40.00	736	116.00	718	196.00	51	292.00	97
42.00	14	117.00	924	198.00	135	294.00	152
43.00	128	118.00	621	200.00	91	298.00	143
44.00	933	119.00	466	201.00	180	299.00	72
45.00	1234	121.00	93	204.00	89	301.00	21
46.00	112	122.00	176	205.00	61	303.00	21
47.00	1863	124.00	195	206.00	150	307.00	87
48.00	836	126.00	45	208.00	219	312.00	125
49.00	4691	127.00	359	210.00	21	313.00	96
50.00	23816	128.00	769	211.00	127	315.00	67
51.00	7350	129.00	227	212.00	32	316.00	86
52.00	245	130.00	447	213.00	103	317.00	19
53.00	320	132.00	169	214.00	79	319.00	76
54.00	149	133.00	53	216.00	148	320.00	14
55.00	469	135.00	44	218.00	85	324.00	51
56.00	1376	137.00	117	219.00	41	326.00	68
57.00	3312	138.00	130	222.00	50	327.00	20
60.00	1188	139.00	278	223.00	145	331.00	48
61.00	6062	140.00	96	224.00	30	332.00	37
62.00	5346	141.00	1436	225.00	26	334.00	154
63.00	3697	142.00	159	226.00	12	337.00	42
64.00	728	143.00	1329	228.00	135	340.00	19
66.00	5	144.00	136	230.00	7	341.00	31
67.00	447	145.00	154	231.00	74	342.00	37
68.00	15185	146.00	320	232.00	9	343.00	165
69.00	12596	147.00	57	233.00	176	344.00	46
70.00	894	148.00	458	234.00	43	346.00	92
72.00	44	149.00	245	236.00	41	349.00	16

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54398.D\8260624W6.rslt\spectra.d

Injection Date: 03-Oct-2017 00:52:30

Spectrum: Tune Spec :Average 93-95(3.44-3.46) Bgrd 89(3.41)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 247

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	5664	152.00	211	238.00	39	350.00	25
74.00	19432	153.00	374	241.00	105	353.00	50
75.00	70768	154.00	118	242.00	18	354.00	67
76.00	4697	155.00	138	244.00	7	355.00	28
77.00	776	156.00	491	246.00	125	356.00	75
78.00	707	157.00	421	247.00	38	357.00	109
79.00	2551	158.00	260	248.00	62	358.00	37
80.00	557	159.00	384	249.00	80	361.00	17
81.00	2459	161.00	239	250.00	44	363.00	7
82.00	634	163.00	44	251.00	20	365.00	77
84.00	140	164.00	2	254.00	175	366.00	110
87.00	6489	168.00	255	255.00	68	367.00	40
88.00	6679	170.00	55	256.00	55	368.00	23
89.00	69	171.00	342	258.00	35	373.00	34
90.00	34	174.00	126800	259.00	21	375.00	72
91.00	328	175.00	9082	260.00	126	378.00	24
92.00	3935	176.00	123184	261.00	44	379.00	28
93.00	5874	177.00	8410	263.00	77	382.00	27
94.00	14218	178.00	272	265.00	3	384.00	79
95.00	153984	179.00	76	266.00	85	385.00	143
96.00	10257	181.00	74	267.00	146	387.00	34
97.00	367	182.00	125	271.00	52	388.00	16
99.00	189	183.00	53	273.00	37	390.00	43
100.00	71	184.00	90	275.00	44	391.00	75
104.00	322	185.00	158	277.00	57	393.00	35
105.00	316	186.00	89	279.00	57	395.00	92
106.00	331	187.00	81	280.00	5	397.00	22
107.00	251	188.00	52	281.00	11	399.00	147
108.00	107	189.00	169	283.00	59		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54702.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 08-Oct-2017 09:51:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0061487-001
Operator ID: Instrument ID: CVOAMS6
Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 08-Oct-2017 12:54:55 Calib Date: 03-Oct-2017 09:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: tupayachia

Date: 08-Oct-2017 10:02:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 133 BFB	95	3.449	3.449	0.000	84	131097	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00015

Amount Added: 1.00

Units: uL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54702.D

Injection Date: 08-Oct-2017 09:51:30

Instrument ID: CVOAMS6

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

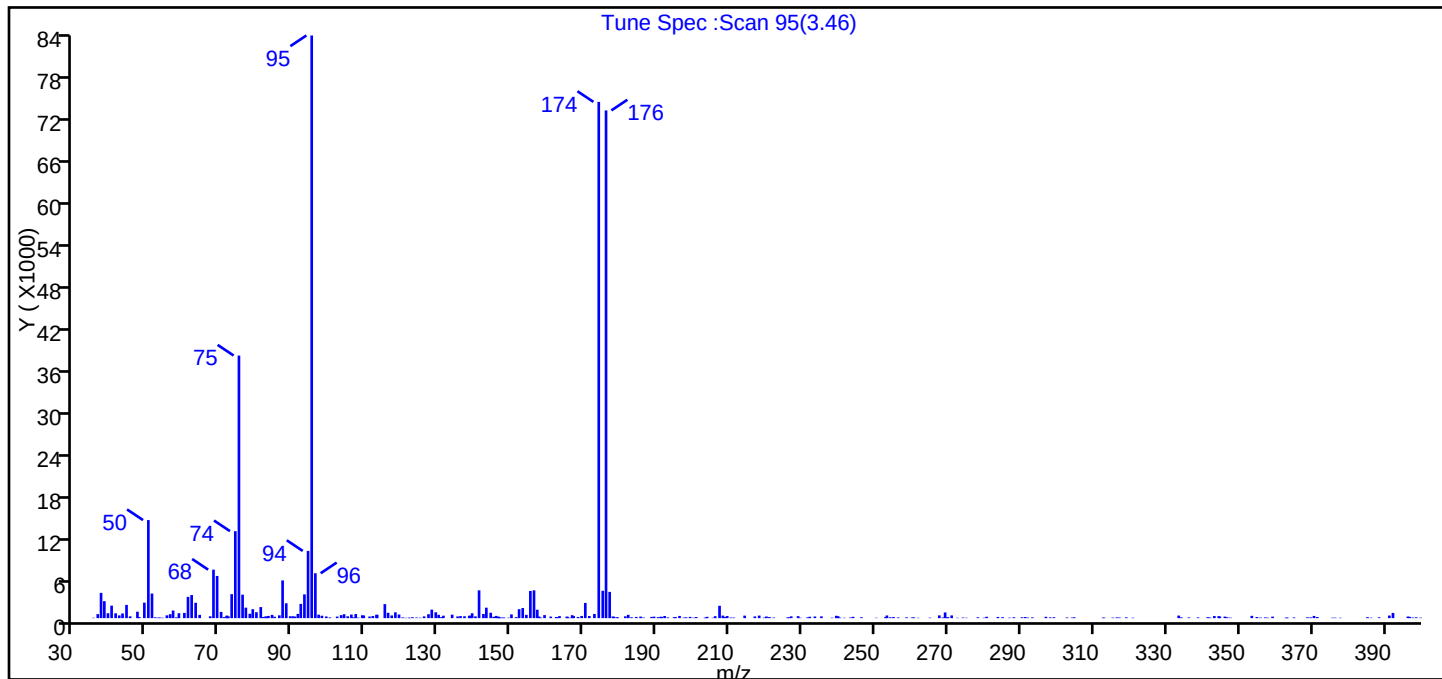
Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 133 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.8
75	30 to 60% of m/z 95	45.1
96	5 to 9% of m/z 95	7.7
173	Less than 2% of m/z 174	0.7 (0.8)
174	50 to 120% of m/z 95	88.6
175	5 to 9% of m/z 174	4.7 (5.3)
176	Greater than 95% but less than 101% of m/z 174	87.1 (98.3)
177	5 to 9% of m/z 176	4.5 (5.2)

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54702.D\8260624W6.rslt\spectra.d
Injection Date: 08-Oct-2017 09:51:30
Spectrum: Tune Spec :Scan 95(3.46)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 295

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.10	57	106.60	118	174.00	73680	265.00	70
36.30	575	107.20	585	175.10	3904	267.60	392
37.20	3607	107.90	70	176.00	72464	268.60	98
38.10	2423	109.00	408	177.00	3749	269.20	814
39.10	698	109.40	377	177.90	235	269.80	112
40.10	1786	111.00	226	178.20	189	270.00	119
41.20	693	111.90	303	179.00	108	271.00	388
42.20	396	112.90	481	179.20	111	272.60	53
43.10	671	113.10	473	181.30	256	274.10	81
44.20	1887	115.20	2004	182.10	475	275.00	56
45.20	256	116.10	764	183.00	125	278.20	119
47.20	918	117.10	383	184.30	170	279.90	58
47.70	156	118.10	830	185.50	219	280.60	193
49.10	2209	119.10	516	186.30	82	283.70	170
50.20	13997	120.10	101	188.50	177	285.00	136
51.20	3516	120.90	50	189.20	213	286.90	70
52.10	120	121.80	55	190.30	142	288.10	126
52.90	61	122.00	59	191.00	199	290.30	120
53.30	91	122.80	133	191.30	175	291.20	160
54.10	64	123.90	92	192.10	308	291.90	79
55.30	401	124.90	60	193.00	105	293.20	110
56.20	562	126.00	250	194.70	135	296.90	194
57.00	1086	127.20	563	195.10	151	298.10	105
57.90	113	128.10	1216	196.20	316	299.10	128
58.60	704	129.20	836	197.40	75	302.70	97
60.10	747	130.00	472	198.00	119	304.10	77
61.10	3036	130.80	164	199.10	180	304.70	118
62.10	3298	131.30	350	200.10	64	312.60	66
63.20	2191	133.70	493	200.80	160	312.90	79
64.30	465	135.20	242	203.20	68	315.30	75
67.20	260	136.00	296	203.40	66	316.40	107
68.10	6921	137.10	269	203.80	190	317.10	86
69.10	6023	138.40	336	205.40	53	319.00	117

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54702.D\8260624W6.rslt\spectra.d

Injection Date: 08-Oct-2017 09:51:30

Spectrum: Tune Spec :Scan 95(3.46)

Base Peak: 95.10

Minimum % Base Peak: 0

Number of Points: 295

m/z	Y	m/z	Y	m/z	Y	m/z	Y
70.20	889	138.70	352	206.00	279	320.80	63
71.00	149	139.20	697	207.20	1764	333.40	366
71.70	333	140.10	250	208.10	364	334.10	115
71.90	349	141.10	3970	208.60	181	336.20	102
72.20	236	142.30	595	209.30	301	338.70	109
73.10	3424	143.10	1495	210.30	84	341.40	139
74.10	12415	144.30	770	211.10	84	342.00	87
75.10	37480	145.10	194	214.10	359	343.20	300
76.10	3346	145.80	322	216.90	247	344.40	284
77.00	1495	146.30	203	218.10	367	344.70	232
78.10	622	146.50	194	219.50	89	346.10	218
78.90	1277	146.80	64	220.10	236	346.70	127
79.90	844	147.20	95	220.90	155	347.60	74
81.10	1581	147.80	67	222.10	82	353.50	329
81.70	171	148.00	64	225.90	99	354.90	159
82.40	241	149.20	61	226.30	127	355.90	81
82.70	218	150.00	534	226.90	255	357.20	108
83.20	316	151.30	149	228.80	286	357.90	61
84.20	466	152.10	1277	229.40	54	359.20	220
84.90	203	153.10	1439	231.40	115	362.90	67
86.20	402	154.10	470	232.00	200	363.10	68
87.10	5384	155.20	3881	233.40	236	363.40	52
88.10	2122	156.20	3971	235.20	253	365.10	101
89.20	270	157.10	1201	238.10	67	368.80	121
89.90	266	157.60	231	239.30	335	369.70	106
90.50	228	158.10	70	239.80	273	370.60	315
91.30	604	159.10	434	240.30	73	371.50	161
92.10	2034	160.80	220	241.50	53	375.70	64
93.10	3389	162.30	168	243.20	92	376.40	70
94.10	9592	162.50	144	243.90	190	377.80	55
95.10	83160	163.20	293	246.20	127	385.30	141
96.10	6409	165.20	202	250.30	53	386.30	62
97.00	494	165.40	202	252.80	151	388.50	119
97.90	344	166.00	63	253.20	381	391.30	371

Report Date: 08-Oct-2017 12:54:56

Chrom Revision: 2.2 16-Aug-2017 16:24:46

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54702.D\8260624W6.rslt\spectra.d

Injection Date: 08-Oct-2017 09:51:30

Spectrum: Tune Spec :Scan 95(3.46)

Base Peak: 95.10

Minimum % Base Peak: 0

Number of Points: 295

m/z	Y	m/z	Y	m/z	Y	m/z	Y
99.10	238	166.70	424	254.10	123	392.30	742
100.10	105	167.10	294	255.00	160	396.40	230
102.10	223	168.30	167	256.30	99	396.90	181
103.20	428	169.30	314	258.60	115	397.80	85
104.00	558	170.30	2170	260.10	89	398.70	110
105.00	262	171.40	305	260.60	107	399.90	72
106.00	514	172.80	599	261.80	51		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-467699/8

Matrix: Water Lab File ID: F54709.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2017 12:35

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 467699 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	1.1
75-05-8	Acetonitrile	10	U	10	1.3
71-43-2	Benzene	1.0	U	1.0	0.090
100-44-7	Benzyl chloride	10	U	10	0.15
75-27-4	Bromodichloromethane	50	U	50	0.15
75-25-2	Bromoform	5.0	U	5.0	0.18
74-83-9	Bromomethane	5.0	U	5.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
75-15-0	Carbon disulfide	60	U	60	0.22
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.33
108-90-7	Chlorobenzene	5.0	U	5.0	0.24
75-00-3	Chloroethane	5.0	U	5.0	0.37
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.17
67-66-3	Chloroform	7.0	U	7.0	0.22
74-87-3	Chloromethane	5.0	U	5.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
124-48-1	Dibromochloromethane	50	U	50	0.22
74-95-3	Dibromomethane	5.0	U	5.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.22
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.33
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.14
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.24
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.34
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.18
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	2.2
75-09-2	Methylene Chloride	5.0	U	5.0	0.21
80-62-6	Methyl methacrylate	50	U	50	0.21
179601-23-1	m&p-Xylene	10	U	10	0.28
95-47-6	o-Xylene	5.0	U	5.0	0.32
100-42-5	Styrene	5.0	U	5.0	0.17
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-467699/8

Matrix: Water Lab File ID: F54709.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2017 12:35

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 467699 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19
127-18-4	Tetrachloroethene	5.0	U	5.0	0.12
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.28
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
79-01-6	Trichloroethene	5.0	U	5.0	0.22
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.36
108-88-3	Toluene	5.0	U	5.0	0.25
108-05-4	Vinyl acetate	5.0	U	5.0	0.48
75-01-4	Vinyl chloride	2.0	U	2.0	0.060
1330-20-7	Xylenes, Total	15	U	15	0.28
591-78-6	2-Hexanone	50	U	50	0.72
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.26
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.19
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.12
74-88-4	Iodomethane	5.0	U	5.0	0.19
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18
126-98-7	Methacrylonitrile	10	U	10	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		74-132
460-00-4	4-Bromofluorobenzene	94		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	99		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54709.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 08-Oct-2017 12:35:30 ALS Bottle#: 7 Worklist Smp#: 8
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0061487-008
 Operator ID: Instrument ID: CVOAMS6
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 09-Oct-2017 05:06:59 Calib Date: 03-Oct-2017 09:23:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK005

First Level Reviewer: boykink

Date: 08-Oct-2017 19:22:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.234	3.250	-0.016	94	199979	1000.0	1000.0	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	80	268314	250.0	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.770	0.000	97	125123	50.0	49.5	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.124	-0.008	96	141868	50.0	52.7	
* 61 Fluorobenzene	96	5.387	5.395	-0.008	98	512782	50.0	50.0	
* 67 1,4-Dioxane-d8	96	6.085	6.085	0.000	93	21894	1000.0	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.055	0.000	99	465231	50.0	50.3	
* 89 Chlorobenzene-d5	117	8.846	8.846	0.000	87	353357	50.0	50.0	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	89	154950	50.0	46.8	
* 116 1,4-Dichlorobenzene-d4	152	10.950	10.950	0.000	98	211309	50.0	50.0	

Reagents:

VOA6IS/SURR_00004

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS6\\20171008-61487.b\\F54709.D

Injection Date: 08-Oct-2017 12:35:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: MB

Worklist Smp#: 8

Client ID:

Injection Vol: 1.0 uL

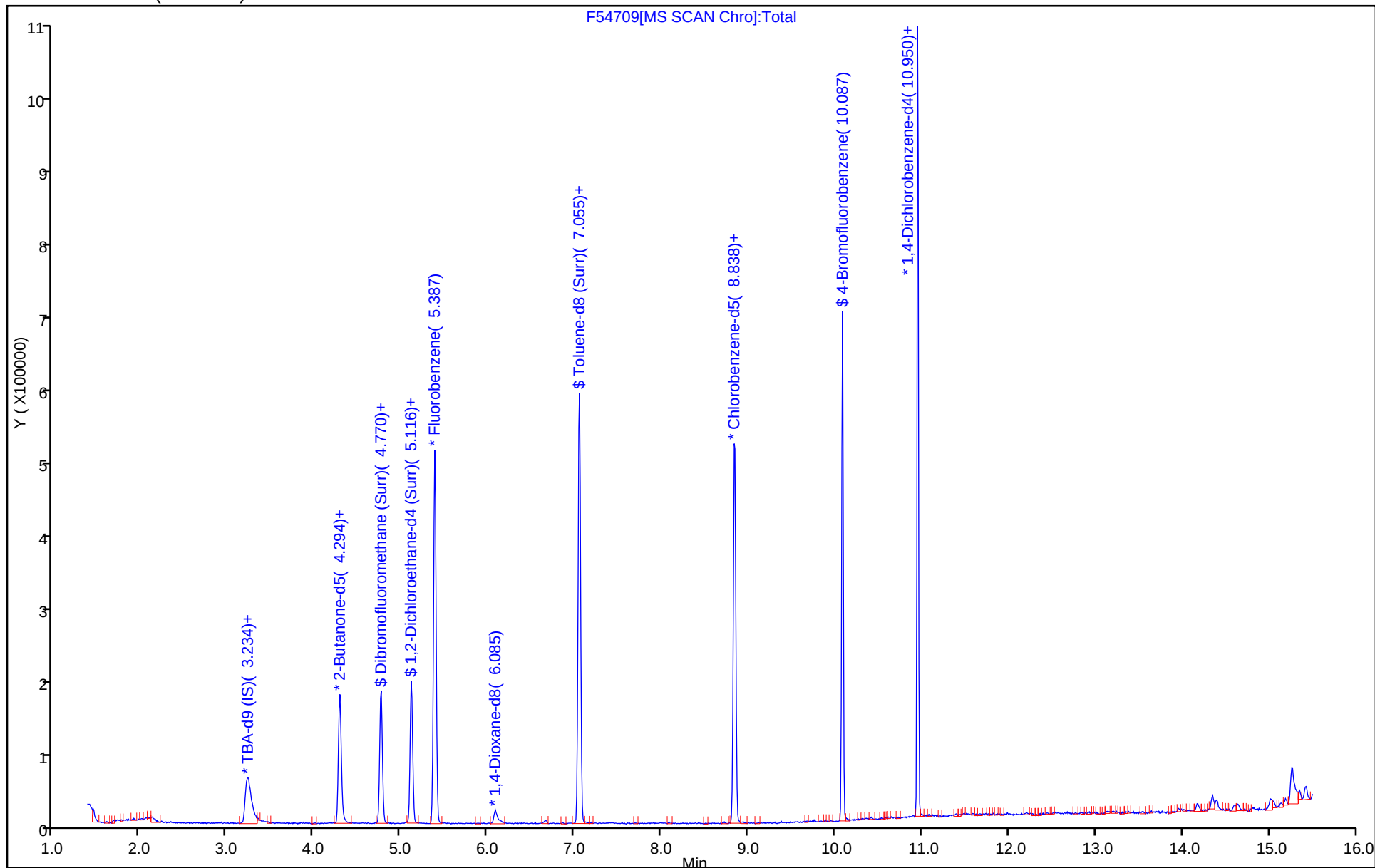
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-141953-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 460-467699/4</u>
Matrix: <u>Water</u>	Lab File ID: <u>F54705.D</u>
Analysis Method: <u>8260C</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/08/2017 11:02</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>467699</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	97.3		50	1.1
75-05-8	Acetonitrile	212		10	1.3
71-43-2	Benzene	22.0		1.0	0.090
100-44-7	Benzyl chloride	22.5		10	0.15
75-27-4	Bromodichloromethane	19.4	J	50	0.15
75-25-2	Bromoform	18.4		5.0	0.18
74-83-9	Bromomethane	16.9		5.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	113		5.0	0.63
75-15-0	Carbon disulfide	18.6	J	60	0.22
56-23-5	Carbon tetrachloride	19.8		5.0	0.33
108-90-7	Chlorobenzene	20.3		5.0	0.24
75-00-3	Chloroethane	21.4		5.0	0.37
110-75-8	2-Chloroethyl vinyl ether	21.8		20	0.17
67-66-3	Chloroform	21.0		7.0	0.22
74-87-3	Chloromethane	20.9		5.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.8		1.0	0.16
124-48-1	Dibromochloromethane	18.6	J	50	0.22
74-95-3	Dibromomethane	20.5		5.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	21.7		1.0	0.23
95-50-1	1,2-Dichlorobenzene	21.1		3.0	0.22
541-73-1	1,3-Dichlorobenzene	21.2		3.0	0.33
106-46-7	1,4-Dichlorobenzene	20.7		3.0	0.33
75-71-8	Dichlorodifluoromethane	16.4		5.0	0.14
75-34-3	1,1-Dichloroethane	21.5		5.0	0.24
107-06-2	1,2-Dichloroethane	20.7		1.0	0.25
75-35-4	1,1-Dichloroethene	18.2		5.0	0.34
540-59-0	1,2-Dichloroethene, Total	40.7		2.0	0.18
78-87-5	1,2-Dichloropropane	22.1		1.0	0.18
100-41-4	Ethylbenzene	20.0		5.0	0.30
78-93-3	2-Butanone (MEK)	90.3		50	2.2
75-09-2	Methylene Chloride	19.6		5.0	0.21
80-62-6	Methyl methacrylate	38.3	J	50	0.21
179601-23-1	m&p-Xylene	20.7		10	0.28
95-47-6	o-Xylene	20.5		5.0	0.32
100-42-5	Styrene	20.9		5.0	0.17
630-20-6	1,1,1,2-Tetrachloroethane	19.6		5.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-467699/4
 Matrix: Water Lab File ID: F54705.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2017 11:02
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 467699 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	23.2		5.0	0.19
127-18-4	Tetrachloroethene	18.4		5.0	0.12
156-60-5	trans-1,2-Dichloroethene	20.9		5.0	0.18
10061-02-6	trans-1,3-Dichloropropene	21.6		1.0	0.19
71-55-6	1,1,1-Trichloroethane	18.9		5.0	0.28
79-00-5	1,1,2-Trichloroethane	21.0		1.0	0.080
79-01-6	Trichloroethene	19.6		5.0	0.22
96-18-4	1,2,3-Trichloropropane	19.9		1.0	0.36
108-88-3	Toluene	20.9		5.0	0.25
108-05-4	Vinyl acetate	38.4		5.0	0.48
75-01-4	Vinyl chloride	19.3		2.0	0.060
1330-20-7	Xylenes, Total	41.2		15	0.28
591-78-6	2-Hexanone	111		50	0.72
156-59-2	cis-1,2-Dichloroethene	19.8		5.0	0.26
106-93-4	1,2-Dibromoethane	20.4		5.0	0.19
97-63-2	Ethyl methacrylate	21.1		5.0	0.12
74-88-4	Iodomethane	17.9		5.0	0.19
110-57-6	trans-1,4-Dichloro-2-butene	21.6		5.0	0.18
126-98-7	Methacrylonitrile	209		10	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		74-132
460-00-4	4-Bromofluorobenzene	95		77-124
2037-26-5	Toluene-d8 (Surr)	103		80-120
1868-53-7	Dibromofluoromethane (Surr)	101		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54705.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 08-Oct-2017 11:02:30 ALS Bottle#: 3 Worklist Smp#: 4
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0061487-004
 Operator ID: Instrument ID: CVOAMS6
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Oct-2017 12:54:57 Calib Date: 03-Oct-2017 09:23:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK022

First Level Reviewer: tupayachia

Date: 08-Oct-2017 11:35:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.533	1.541	-0.008	89	11656	20.0	18.0	
2 Dichlorodifluoromethane	85	1.566	1.582	-0.016	99	67636	20.0	16.4	
3 Chloromethane	50	1.755	1.763	-0.008	100	76188	20.0	20.9	
4 Vinyl chloride	62	1.829	1.845	-0.016	98	68335	20.0	19.3	
5 Butadiene	54	1.853	1.845	0.008	63	52412	20.0	17.7	
6 Bromomethane	94	2.125	2.141	-0.016	99	37182	20.0	16.9	
7 Chloroethane	64	2.207	2.215	-0.008	92	39549	20.0	21.4	
8 Dichlorofluoromethane	67	2.363	2.363	0.000	97	95427	20.0	18.7	
9 Trichlorofluoromethane	101	2.371	2.371	0.000	72	70704	20.0	18.0	
10 Pentane	72	2.396	2.412	-0.016	97	17608	40.0	37.8	
11 Ethanol	46	2.577	2.601	-0.024	70	12750	800.0	974.7	
12 Ethyl ether	59	2.593	2.601	-0.008	92	56155	20.0	21.1	
13 2-Methyl-1,3-butadiene	53	2.618	2.626	-0.008	95	49102	20.0	20.6	
14 1,2-Dichloro-1,1,2-trifluo	117	2.642	2.650	-0.008	95	40529	20.0	17.6	
15 Acrolein	56	2.774	2.782	-0.008	88	17424	40.0	38.2	
16 1,1,2-Trichloro-1,2,2-trif	101	2.774	2.790	-0.016	89	33577	20.0	16.6	
17 1,1-Dichloroethene	96	2.815	2.815	0.000	97	51366	20.0	18.2	
18 Acetone	43	2.889	2.897	-0.008	87	80783	100.0	97.3	
19 Iodomethane	142	2.963	2.963	0.000	98	88366	20.0	17.9	
20 Isopropyl alcohol	45	2.996	2.996	0.000	35	28280	200.0	229.3	
21 Carbon disulfide	76	2.996	3.004	-0.008	99	170206	20.0	18.6	
22 3-Chloro-1-propene	41	3.119	3.127	-0.008	76	124282	20.0	23.4	
24 Methyl acetate	43	3.127	3.127	0.000	99	226564	100.0	111.2	
23 Cyclopentene	67	3.135	3.143	-0.008	90	144769	20.0	20.8	
25 Acetonitrile	41	3.185	3.193	-0.008	97	95867	200.0	212.1	
* 26 TBA-d9 (IS)	65	3.242	3.250	-0.008	86	181294	1000.0	1000.0	
27 Methylene Chloride	84	3.242	3.250	-0.008	94	65814	20.0	19.6	
28 2-Methyl-2-propanol	59	3.308	3.324	-0.016	91	47588	200.0	189.2	
29 Methyl tert-butyl ether	73	3.406	3.415	-0.009	96	146077	20.0	17.3	
30 trans-1,2-Dichloroethene	96	3.431	3.431	0.000	97	65306	20.0	20.9	
31 Acrylonitrile	53	3.497	3.505	-0.008	95	248998	200.0	210.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	3.579	3.579	0.000	93	56610	20.0	22.7	
33 Isopropyl ether	45	3.784	3.784	0.000	96	210631	20.0	22.3	
34 1,1-Dichloroethane	63	3.817	3.825	-0.008	99	118919	20.0	21.5	
35 Vinyl acetate	86	3.825	3.825	0.000	92	21547	40.0	38.4	
36 2-Chloro-1,3-butadiene	88	3.867	3.867	0.000	90	60774	20.0	20.9	
37 Tert-butyl ethyl ether	59	4.097	4.105	-0.008	90	168395	20.0	18.9	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	95	240670	250.0	250.0	
39 2,2-Dichloropropane	97	4.319	4.335	-0.017	95	16923	20.0	18.4	
40 cis-1,2-Dichloroethene	96	4.335	4.343	-0.008	94	73293	20.0	19.8	
42 Ethyl acetate	70	4.343	4.343	0.000	95	11369	40.0	38.5	
41 2-Butanone (MEK)	72	4.343	4.360	-0.017	96	30141	100.0	90.3	
43 Methyl acrylate	55	4.401	4.409	-0.008	98	47700	20.0	21.2	
44 Propionitrile	54	4.483	4.491	-0.008	98	82008	200.0	199.4	
46 Tetrahydrofuran	72	4.557	4.565	-0.008	57	15093	40.0	37.9	
45 Chlorobromomethane	128	4.565	4.565	0.000	94	35402	20.0	20.3	
47 Methacrylonitrile	67	4.581	4.590	-0.009	92	243575	200.0	209.4	
48 Chloroform	83	4.614	4.614	0.000	99	110694	20.0	21.0	
49 Cyclohexane	84	4.746	4.746	0.000	92	72757	20.0	20.6	
50 1,1,1-Trichloroethane	97	4.762	4.762	0.000	97	76140	20.0	18.9	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.770	0.000	97	125712	50.0	50.5	
52 Carbon tetrachloride	117	4.877	4.877	0.000	98	71773	20.0	19.8	
53 1,1-Dichloropropene	75	4.902	4.910	-0.008	99	85679	20.0	20.3	
54 Isobutyl alcohol	43	5.025	5.025	0.000	90	78878	500.0	557.1	
55 Benzene	78	5.099	5.107	-0.008	95	255294	20.0	22.0	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.124	-0.008	95	138334	50.0	52.1	
57 Isopropyl acetate	43	5.148	5.157	-0.009	97	167531	20.0	20.8	
58 Tert-amyl methyl ether	73	5.165	5.165	0.000	91	196060	20.0	20.1	
59 1,2-Dichloroethane	62	5.189	5.198	-0.009	97	78385	20.0	20.7	
60 n-Heptane	57	5.247	5.247	0.000	92	44101	20.0	22.5	
* 61 Fluorobenzene	96	5.387	5.395	-0.008	98	505728	50.0	50.0	
62 n-Butanol	56	5.683	5.682	0.000	88	32062	500.0	545.5	
63 Trichloroethene	95	5.740	5.740	0.000	98	58924	20.0	19.6	
65 Ethyl acrylate	55	5.855	5.855	0.000	97	135619	20.0	21.5	
64 Methylcyclohexane	83	5.872	5.863	0.009	87	90330	20.0	19.2	
66 1,2-Dichloropropane	63	6.028	6.028	0.000	94	65225	20.0	22.1	
* 67 1,4-Dioxane-d8	96	6.085	6.085	0.000	37	20452	1000.0	1000.0	
68 Methyl methacrylate	100	6.102	6.102	0.000	90	27113	40.0	38.3	
69 1,4-Dioxane	88	6.143	6.151	-0.008	26	11202	400.0	399.4	
70 n-Propyl acetate	43	6.151	6.151	0.000	99	70609	20.0	21.8	
71 Dibromomethane	93	6.159	6.159	0.000	94	35788	20.0	20.5	
72 Dichlorobromomethane	83	6.307	6.307	0.000	99	72153	20.0	19.4	
74 2-Chloroethyl vinyl ether	63	6.644	6.644	0.000	82	35395	20.0	21.8	
73 2-Nitropropane	41	6.644	6.644	0.000	78	21521	40.0	34.9	
75 Epichlorohydrin	57	6.751	6.751	0.000	99	99537	400.0	373.1	
76 cis-1,3-Dichloropropene	75	6.800	6.808	-0.008	92	90658	20.0	20.8	
77 4-Methyl-2-pentanone (MIBK	43	6.973	6.973	0.000	96	283984	100.0	112.7	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.055	0.000	99	447792	50.0	51.5	
79 Toluene	91	7.129	7.129	0.000	93	243124	20.0	20.9	
80 trans-1,3-Dichloropropene	75	7.474	7.482	-0.008	96	80780	20.0	21.6	
81 Ethyl methacrylate	69	7.507	7.507	0.000	89	71589	20.0	21.1	
82 1,1,2-Trichloroethane	83	7.696	7.696	0.000	96	41487	20.0	21.0	
83 Tetrachloroethene	166	7.737	7.745	-0.008	96	56660	20.0	18.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,3-Dichloropropane	76	7.909	7.909	0.000	92	85395	20.0	22.0	
85 2-Hexanone	43	7.967	7.967	0.000	96	178114	100.0	110.7	
86 n-Butyl acetate	43	8.074	8.082	-0.008	99	91739	20.0	24.4	
87 Chlorodibromomethane	129	8.139	8.139	0.000	97	51919	20.0	18.6	
88 Ethylene Dibromide	107	8.295	8.295	0.000	98	48373	20.0	20.4	
* 89 Chlorobenzene-d5	117	8.838	8.846	-0.008	88	332125	50.0	50.0	
90 Chlorobenzene	112	8.879	8.879	0.000	94	157496	20.0	20.3	
91 Ethylbenzene	106	8.977	8.986	-0.009	98	85374	20.0	20.0	
92 1,1,1,2-Tetrachloroethane	131	9.002	9.002	0.000	94	58497	20.0	19.6	
93 m-Xylene & p-Xylene	106	9.134	9.134	0.000	96	107916	20.0	20.7	
94 n-Butyl acrylate	73	9.553	9.553	0.000	98	49072	20.0	22.6	
95 o-Xylene	106	9.569	9.569	0.000	94	110491	20.0	20.5	
96 Styrene	104	9.594	9.602	-0.008	95	181471	20.0	20.9	
97 Amyl acetate (mixed isomer	43	9.775	9.775	0.001	90	129705	20.0	25.8	
98 Bromoform	173	9.799	9.799	0.000	97	37811	20.0	18.4	
99 Isopropylbenzene	105	9.906	9.906	0.000	96	277052	20.0	20.6	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	90	147198	50.0	47.3	
101 Bromobenzene	156	10.202	10.202	0.000	98	72653	20.0	19.7	
102 1,1,2,2-Tetrachloroethane	83	10.235	10.235	0.000	98	74956	20.0	23.2	
103 N-Propylbenzene	91	10.259	10.259	0.000	99	334338	20.0	22.1	
104 1,2,3-Trichloropropane	110	10.276	10.276	0.000	94	21289	20.0	19.9	
105 trans-1,4-Dichloro-2-buten	53	10.292	10.292	0.000	92	19161	20.0	21.6	
106 2-Chlorotoluene	91	10.350	10.350	0.000	96	239884	20.0	22.2	
107 4-Ethyltoluene	105	10.350	10.350	0.000	98	287633	20.0	22.2	
108 1,3,5-Trimethylbenzene	105	10.407	10.407	0.000	92	242840	20.0	21.4	
109 4-Chlorotoluene	91	10.440	10.440	0.000	97	222933	20.0	21.6	
110 Butyl Methacrylate	87	10.481	10.481	0.000	91	91331	20.0	22.3	
111 tert-Butylbenzene	119	10.637	10.637	0.000	94	188104	20.0	20.4	
112 1,2,4-Trimethylbenzene	105	10.687	10.687	0.000	98	252773	20.0	21.4	
113 sec-Butylbenzene	105	10.793	10.793	0.000	99	282796	20.0	21.0	
114 4-Isopropyltoluene	119	10.900	10.900	0.000	97	251709	20.0	21.4	
115 1,3-Dichlorobenzene	146	10.900	10.900	0.000	95	143688	20.0	21.2	
* 116 1,4-Dichlorobenzene-d4	152	10.950	10.950	0.000	95	207949	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.966	10.966	0.000	94	146909	20.0	20.7	
132 1,2,3-Trimethylbenzene	105	10.982	10.982	0.000	95	274883	20.0	22.4	
118 Benzyl chloride	91	11.065	11.065	0.000	99	168227	20.0	22.5	
119 2,3-Dihydroindene	117	11.114	11.114	0.000	95	266257	20.0	21.7	
120 p-Diethylbenzene	119	11.147	11.147	0.000	92	143603	20.0	21.3	
121 n-Butylbenzene	92	11.163	11.163	0.000	98	134413	20.0	22.3	
122 1,2-Dichlorobenzene	146	11.221	11.212	0.009	97	146172	20.0	21.1	
123 1,2,4,5-Tetramethylbenzene	119	11.632	11.623	0.009	97	247205	20.0	21.6	
124 1,2-Dibromo-3-Chloropropan	75	11.706	11.705	0.001	97	13721	20.0	21.7	
125 1,3,5-Trichlorobenzene	180	11.788	11.788	0.000	98	103039	20.0	20.1	
126 1,2,4-Trichlorobenzene	180	12.190	12.190	0.000	94	99216	20.0	20.6	
127 Hexachlorobutadiene	225	12.256	12.256	0.000	96	44276	20.0	18.7	
128 Naphthalene	128	12.371	12.371	0.000	99	255242	20.0	24.5	
129 1,2,3-Trichlorobenzene	180	12.535	12.535	0.000	95	93499	20.0	21.2	
S 130 1,2-Dichloroethene, Total	100				0		40.0	40.7	
S 131 Xylenes, Total	100				0		40.0	41.2	

Reagents:

ACROLEIN W_00069	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00062	Amount Added: 20.00	Units: uL	
GASES Li_00228	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00004	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS6\\20171008-61487.b\\F54705.D

Injection Date: 08-Oct-2017 11:02:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Injection Vol: 1.0 uL

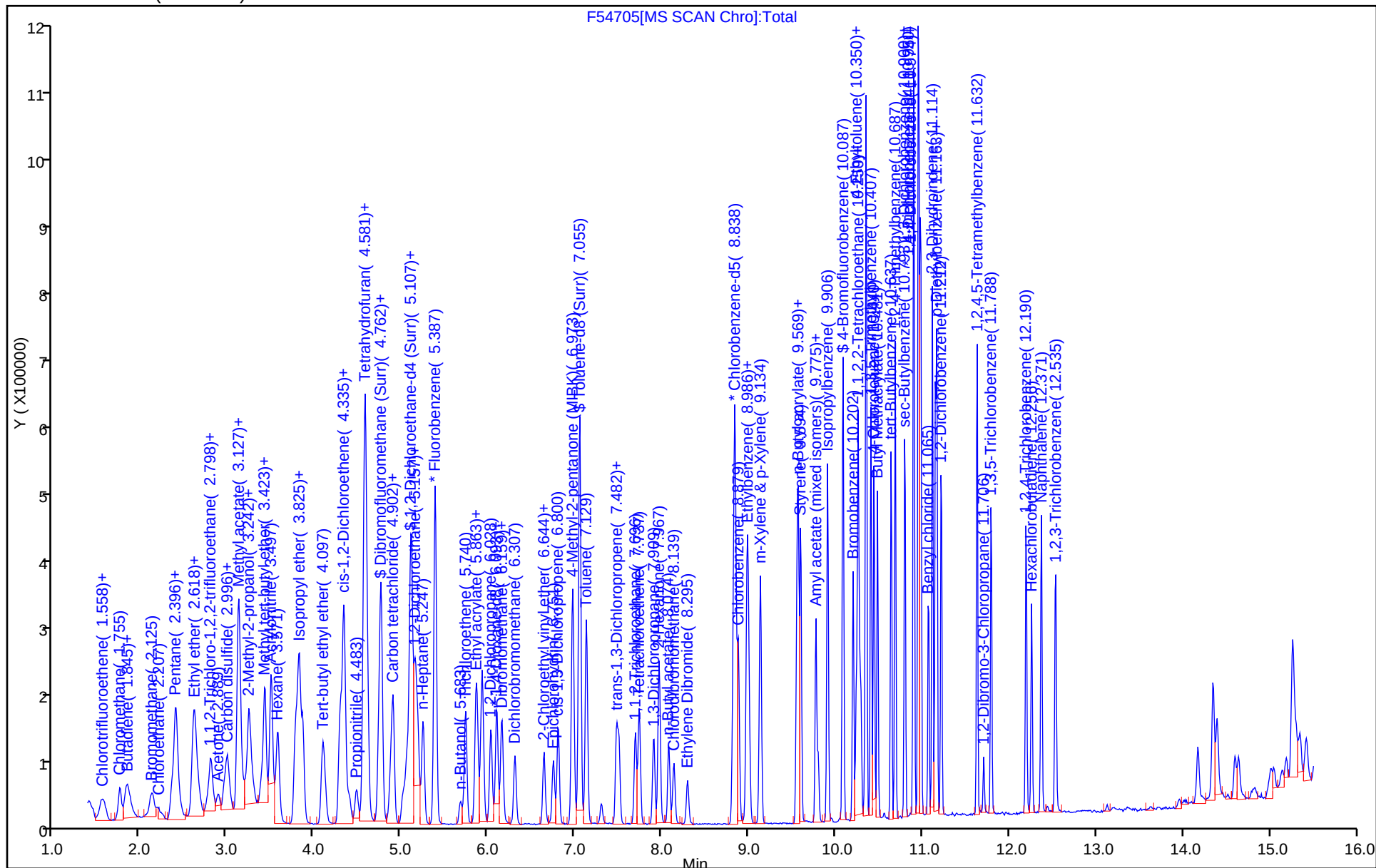
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-467699/5
 Matrix: Water Lab File ID: F54706.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2017 11:25
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 467699 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	95.0		50	1.1
75-05-8	Acetonitrile	196		10	1.3
71-43-2	Benzene	21.7		1.0	0.090
100-44-7	Benzyl chloride	23.0		10	0.15
75-27-4	Bromodichloromethane	20.2	J	50	0.15
75-25-2	Bromoform	19.6		5.0	0.18
74-83-9	Bromomethane	19.7		5.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	119		5.0	0.63
75-15-0	Carbon disulfide	20.1	J	60	0.22
56-23-5	Carbon tetrachloride	20.2		5.0	0.33
108-90-7	Chlorobenzene	21.0		5.0	0.24
75-00-3	Chloroethane	23.3		5.0	0.37
110-75-8	2-Chloroethyl vinyl ether	22.7		20	0.17
67-66-3	Chloroform	21.6		7.0	0.22
74-87-3	Chloromethane	22.3		5.0	0.22
10061-01-5	cis-1,3-Dichloropropene	21.3		1.0	0.16
124-48-1	Dibromochloromethane	19.7	J	50	0.22
74-95-3	Dibromomethane	21.6		5.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	23.5		1.0	0.23
95-50-1	1,2-Dichlorobenzene	21.1		3.0	0.22
541-73-1	1,3-Dichlorobenzene	21.8		3.0	0.33
106-46-7	1,4-Dichlorobenzene	21.2		3.0	0.33
75-71-8	Dichlorodifluoromethane	17.1		5.0	0.14
75-34-3	1,1-Dichloroethane	23.1		5.0	0.24
107-06-2	1,2-Dichloroethane	20.9		1.0	0.25
75-35-4	1,1-Dichloroethene	19.7		5.0	0.34
540-59-0	1,2-Dichloroethene, Total	41.8		2.0	0.18
78-87-5	1,2-Dichloropropane	22.9		1.0	0.18
100-41-4	Ethylbenzene	21.2		5.0	0.30
78-93-3	2-Butanone (MEK)	93.7		50	2.2
75-09-2	Methylene Chloride	21.1		5.0	0.21
80-62-6	Methyl methacrylate	41.0	J	50	0.21
179601-23-1	m&p-Xylene	21.6		10	0.28
95-47-6	o-Xylene	21.4		5.0	0.32
100-42-5	Styrene	21.8		5.0	0.17
630-20-6	1,1,1,2-Tetrachloroethane	20.1		5.0	0.22

FORM I
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 SDG No.: _____
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 Matrix: Water Lab File ID: F54706.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2017 11:25
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 467699 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	23.3		5.0	0.19
127-18-4	Tetrachloroethene	18.7		5.0	0.12
156-60-5	trans-1,2-Dichloroethene	21.5		5.0	0.18
10061-02-6	trans-1,3-Dichloropropene	21.5		1.0	0.19
71-55-6	1,1,1-Trichloroethane	19.9		5.0	0.28
79-00-5	1,1,2-Trichloroethane	21.6		1.0	0.080
79-01-6	Trichloroethene	20.3		5.0	0.22
96-18-4	1,2,3-Trichloropropane	21.3		1.0	0.36
108-88-3	Toluene	21.2		5.0	0.25
108-05-4	Vinyl acetate	39.5		5.0	0.48
75-01-4	Vinyl chloride	19.9		2.0	0.060
1330-20-7	Xylenes, Total	43.1		15	0.28
591-78-6	2-Hexanone	118		50	0.72
156-59-2	cis-1,2-Dichloroethene	20.3		5.0	0.26
106-93-4	1,2-Dibromoethane	21.2		5.0	0.19
97-63-2	Ethyl methacrylate	21.8		5.0	0.12
74-88-4	Iodomethane	19.1		5.0	0.19
110-57-6	trans-1,4-Dichloro-2-butene	23.4		5.0	0.18
126-98-7	Methacrylonitrile	215		10	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		74-132
460-00-4	4-Bromofluorobenzene	96		77-124
2037-26-5	Toluene-d8 (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	99		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\F54706.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 08-Oct-2017 11:25:30 ALS Bottle#: 4 Worklist Smp#: 5
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0061487-005
 Operator ID: Instrument ID: CVOAMS6
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20171008-61487.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Oct-2017 12:54:57 Calib Date: 03-Oct-2017 09:23:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20171002-61230.b\F54414.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK022

First Level Reviewer: tupayachia

Date: 08-Oct-2017 11:48:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.549	1.541	0.008	88	13835	20.0	21.7	
2 Dichlorodifluoromethane	85	1.574	1.582	-0.008	100	69495	20.0	17.1	
3 Chloromethane	50	1.755	1.763	-0.008	99	80197	20.0	22.3	
4 Vinyl chloride	62	1.837	1.845	-0.008	98	69719	20.0	19.9	
5 Butadiene	54	1.862	1.845	0.017	84	56727	20.0	19.3	
6 Bromomethane	94	2.125	2.141	-0.017	99	42771	20.0	19.7	
7 Chloroethane	64	2.207	2.215	-0.008	99	42623	20.0	23.3	
8 Dichlorofluoromethane	67	2.363	2.363	0.000	97	99220	20.0	19.7	
9 Trichlorofluoromethane	101	2.371	2.371	0.000	75	75893	20.0	19.6	
10 Pentane	72	2.404	2.412	-0.008	98	17911	40.0	39.0	
11 Ethanol	46	2.593	2.601	-0.008	66	9903	800.0	830.5	
12 Ethyl ether	59	2.593	2.601	-0.008	96	57245	20.0	21.8	
13 2-Methyl-1,3-butadiene	53	2.618	2.626	-0.008	95	49976	20.0	21.3	
14 1,2-Dichloro-1,1,2-trifluo	117	2.659	2.650	0.009	92	41440	20.0	18.2	
15 Acrolein	56	2.774	2.782	-0.008	71	18669	40.0	44.9	
16 1,1,2-Trichloro-1,2,2-trif	101	2.774	2.790	-0.016	93	31780	20.0	15.9	
17 1,1-Dichloroethene	96	2.807	2.815	-0.009	96	54773	20.0	19.7	
18 Acetone	43	2.889	2.897	-0.008	88	77518	100.0	95.0	
19 Iodomethane	142	2.963	2.963	0.000	98	92865	20.0	19.1	
20 Isopropyl alcohol	45	2.987	2.996	-0.009	54	25674	200.0	228.3	
21 Carbon disulfide	76	2.995	3.004	-0.009	98	181162	20.0	20.1	
22 3-Chloro-1-propene	41	3.119	3.127	-0.008	79	132896	20.0	25.4	
24 Methyl acetate	43	3.119	3.127	-0.008	99	228449	100.0	113.7	
23 Cyclopentene	67	3.135	3.143	-0.008	91	147649	20.0	21.5	
25 Acetonitrile	41	3.176	3.193	-0.017	89	87476	200.0	196.2	
* 26 TBA-d9 (IS)	65	3.250	3.250	0.000	97	165261	1000.0	1000.0	
27 Methylene Chloride	84	3.242	3.250	-0.008	95	69814	20.0	21.1	
28 2-Methyl-2-propanol	59	3.308	3.324	-0.016	92	50273	200.0	219.3	
29 Methyl tert-butyl ether	73	3.423	3.415	0.008	76	147418	20.0	17.7	
30 trans-1,2-Dichloroethene	96	3.423	3.431	-0.008	97	66356	20.0	21.5	
31 Acrylonitrile	53	3.497	3.505	-0.008	96	259239	200.0	221.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	3.579	3.579	0.000	93	54865	20.0	22.4	
33 Isopropyl ether	45	3.784	3.784	0.000	98	212686	20.0	22.9	
34 1,1-Dichloroethane	63	3.817	3.825	-0.008	78	125796	20.0	23.1	
35 Vinyl acetate	86	3.825	3.825	0.000	92	21857	40.0	39.5	
36 2-Chloro-1,3-butadiene	88	3.866	3.867	-0.001	89	60204	20.0	21.0	
37 Tert-butyl ethyl ether	59	4.097	4.105	-0.008	89	172504	20.0	19.7	
* 38 2-Butanone-d5	46	4.286	4.294	-0.008	94	236629	250.0	250.0	
39 2,2-Dichloropropane	97	4.327	4.335	-0.008	89	18461	20.0	20.4	
40 cis-1,2-Dichloroethene	96	4.335	4.343	-0.008	93	74215	20.0	20.3	
42 Ethyl acetate	70	4.335	4.343	-0.008	94	11403	40.0	39.2	
41 2-Butanone (MEK)	72	4.343	4.360	-0.017	96	30754	100.0	93.7	
43 Methyl acrylate	55	4.392	4.409	-0.017	98	44579	20.0	19.5	
44 Propionitrile	54	4.483	4.491	-0.008	99	82851	200.0	204.3	
46 Tetrahydrofuran	72	4.565	4.565	0.000	56	15225	40.0	38.9	
45 Chlorobromomethane	128	4.565	4.565	0.000	84	36596	20.0	21.2	
47 Methacrylonitrile	67	4.581	4.590	-0.009	91	246750	200.0	215.1	
48 Chloroform	83	4.606	4.614	-0.008	100	112431	20.0	21.6	
49 Cyclohexane	84	4.746	4.746	0.000	92	72578	20.0	20.8	
50 1,1,1-Trichloroethane	97	4.754	4.762	-0.008	97	79099	20.0	19.9	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.770	0.000	97	121624	50.0	49.5	
52 Carbon tetrachloride	117	4.877	4.877	0.000	99	72477	20.0	20.2	
53 1,1-Dichloropropene	75	4.902	4.910	-0.008	98	84944	20.0	20.4	
54 Isobutyl alcohol	43	5.033	5.025	0.008	90	72182	500.0	559.3	
55 Benzene	78	5.107	5.107	0.000	95	256441	20.0	21.7	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.115	5.124	-0.009	96	134957	50.0	51.5	
57 Isopropyl acetate	43	5.148	5.157	-0.009	97	174272	20.0	22.0	
58 Tert-amyl methyl ether	73	5.165	5.165	0.000	90	198355	20.0	20.6	
59 1,2-Dichloroethane	62	5.189	5.198	-0.009	97	78100	20.0	20.9	
60 n-Heptane	57	5.247	5.247	0.000	92	42801	20.0	22.2	
* 61 Fluorobenzene	96	5.387	5.395	-0.008	98	498678	50.0	50.0	
62 n-Butanol	56	5.682	5.682	0.000	87	30839	500.0	575.6	
63 Trichloroethene	95	5.732	5.740	-0.008	99	60402	20.0	20.3	
65 Ethyl acrylate	55	5.855	5.855	0.000	97	134995	20.0	21.7	
64 Methylcyclohexane	83	5.863	5.863	0.000	88	92102	20.0	19.9	
66 1,2-Dichloropropane	63	6.028	6.028	0.000	95	66745	20.0	22.9	
* 67 1,4-Dioxane-d8	96	6.085	6.085	0.000	36	15718	1000.0	1000.0	
68 Methyl methacrylate	100	6.101	6.102	-0.001	89	28657	40.0	41.0	
69 1,4-Dioxane	88	6.143	6.151	-0.008	28	9155	400.0	424.8	
70 n-Propyl acetate	43	6.151	6.151	0.000	98	70200	20.0	21.9	
71 Dibromomethane	93	6.159	6.159	0.000	95	37257	20.0	21.6	
72 Dichlorobromomethane	83	6.307	6.307	0.000	99	74122	20.0	20.2	
74 2-Chloroethyl vinyl ether	63	6.636	6.644	-0.008	83	36226	20.0	22.7	
73 2-Nitropropane	41	6.644	6.644	0.000	98	23592	40.0	38.8	
75 Epichlorohydrin	57	6.751	6.751	0.000	99	108582	400.0	413.9	
76 cis-1,3-Dichloropropene	75	6.800	6.808	-0.008	91	94817	20.0	21.3	
77 4-Methyl-2-pentanone (MIBK	43	6.972	6.973	-0.001	96	295794	100.0	119.4	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.055	0.000	99	444133	50.0	50.1	
79 Toluene	91	7.129	7.129	0.000	93	252095	20.0	21.2	
80 trans-1,3-Dichloropropene	75	7.474	7.482	-0.008	96	82098	20.0	21.5	
81 Ethyl methacrylate	69	7.507	7.507	0.000	89	75573	20.0	21.8	
82 1,1,2-Trichloroethane	83	7.696	7.696	0.000	96	43525	20.0	21.6	
83 Tetrachloroethene	166	7.737	7.745	-0.008	97	58652	20.0	18.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,3-Dichloropropane	76	7.909	7.909	0.000	92	88762	20.0	22.4	
85 2-Hexanone	43	7.967	7.967	0.000	96	187382	100.0	118.4	
86 n-Butyl acetate	43	8.082	8.082	0.000	99	98178	20.0	25.7	
87 Chlorodibromomethane	129	8.139	8.139	0.000	97	55863	20.0	19.7	
88 Ethylene Dibromide	107	8.295	8.295	0.000	100	51283	20.0	21.2	
* 89 Chlorobenzene-d5	117	8.846	8.846	0.000	87	338496	50.0	50.0	
90 Chlorobenzene	112	8.879	8.879	0.000	94	165958	20.0	21.0	
91 Ethylbenzene	106	8.986	8.986	0.000	98	92112	20.0	21.2	
92 1,1,1,2-Tetrachloroethane	131	9.002	9.002	0.000	94	61048	20.0	20.1	
93 m-Xylene & p-Xylene	106	9.134	9.134	0.000	96	114854	20.0	21.6	
94 n-Butyl acrylate	73	9.553	9.553	0.000	98	51717	20.0	23.4	
95 o-Xylene	106	9.569	9.569	0.000	94	117912	20.0	21.4	
96 Styrene	104	9.594	9.602	-0.008	95	192803	20.0	21.8	
97 Amyl acetate (mixed isomer	43	9.774	9.775	0.000	91	135547	20.0	26.4	
98 Bromoform	173	9.799	9.799	0.000	97	40917	20.0	19.6	
99 Isopropylbenzene	105	9.906	9.906	0.000	96	294908	20.0	21.5	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	89	151463	50.0	47.8	
101 Bromobenzene	156	10.202	10.202	0.000	99	78523	20.0	20.8	
102 1,1,2,2-Tetrachloroethane	83	10.235	10.235	0.000	98	76864	20.0	23.3	
103 N-Propylbenzene	91	10.259	10.259	0.000	99	352569	20.0	22.8	
104 1,2,3-Trichloropropane	110	10.276	10.276	0.000	97	23251	20.0	21.3	
105 trans-1,4-Dichloro-2-buten	53	10.292	10.292	0.000	92	21223	20.0	23.4	
106 2-Chlorotoluene	91	10.350	10.350	0.000	96	250234	20.0	22.7	
107 4-Ethyltoluene	105	10.350	10.350	0.000	98	299559	20.0	22.6	
108 1,3,5-Trimethylbenzene	105	10.407	10.407	0.000	94	257746	20.0	22.2	
109 4-Chlorotoluene	91	10.440	10.440	0.000	97	238858	20.0	22.7	
110 Butyl Methacrylate	87	10.481	10.481	0.000	90	96148	20.0	23.0	
111 tert-Butylbenzene	119	10.637	10.637	0.000	94	197745	20.0	21.0	
112 1,2,4-Trimethylbenzene	105	10.687	10.687	0.000	98	268353	20.0	22.2	
113 sec-Butylbenzene	105	10.793	10.793	0.000	99	296616	20.0	21.6	
114 4-Isopropyltoluene	119	10.900	10.900	0.000	98	261179	20.0	21.8	
115 1,3-Dichlorobenzene	146	10.900	10.900	0.000	96	150857	20.0	21.8	
* 116 1,4-Dichlorobenzene-d4	152	10.949	10.950	-0.001	95	212227	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.966	10.966	0.000	94	153753	20.0	21.2	
132 1,2,3-Trimethylbenzene	105	10.982	10.982	0.000	95	283837	20.0	22.6	
118 Benzyl chloride	91	11.073	11.065	0.008	98	175529	20.0	23.0	
119 2,3-Dihydroindene	117	11.114	11.114	0.000	94	280735	20.0	22.4	
120 p-Diethylbenzene	119	11.147	11.147	0.000	94	148666	20.0	21.6	
121 n-Butylbenzene	92	11.163	11.163	0.000	96	137780	20.0	22.4	
122 1,2-Dichlorobenzene	146	11.221	11.212	0.009	95	148941	20.0	21.1	
123 1,2,4,5-Tetramethylbenzene	119	11.631	11.623	0.008	97	259094	20.0	22.2	
124 1,2-Dibromo-3-Chloropropan	75	11.705	11.705	0.000	98	15183	20.0	23.5	
125 1,3,5-Trichlorobenzene	180	11.796	11.788	0.008	97	106065	20.0	20.3	
126 1,2,4-Trichlorobenzene	180	12.198	12.190	0.008	95	103646	20.0	21.1	
127 Hexachlorobutadiene	225	12.264	12.256	0.008	96	45572	20.0	18.8	
128 Naphthalene	128	12.371	12.371	0.000	99	266079	20.0	25.0	
129 1,2,3-Trichlorobenzene	180	12.535	12.535	0.000	95	101518	20.0	22.5	
S 130 1,2-Dichloroethene, Total	100				0		40.0	41.8	
S 131 Xylenes, Total	100				0		40.0	43.1	

Reagents:

8260MIX1COMB_00062	Amount Added: 20.00	Units: uL	
GASES Li_00228	Amount Added: 20.00	Units: uL	
ACROLEIN W_00069	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00004	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS6\\20171008-61487.b\\F54706.D

Injection Date: 08-Oct-2017 11:25:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: LCSD

Worklist Smp#: 5

Client ID:

Injection Vol: 1.0 uL

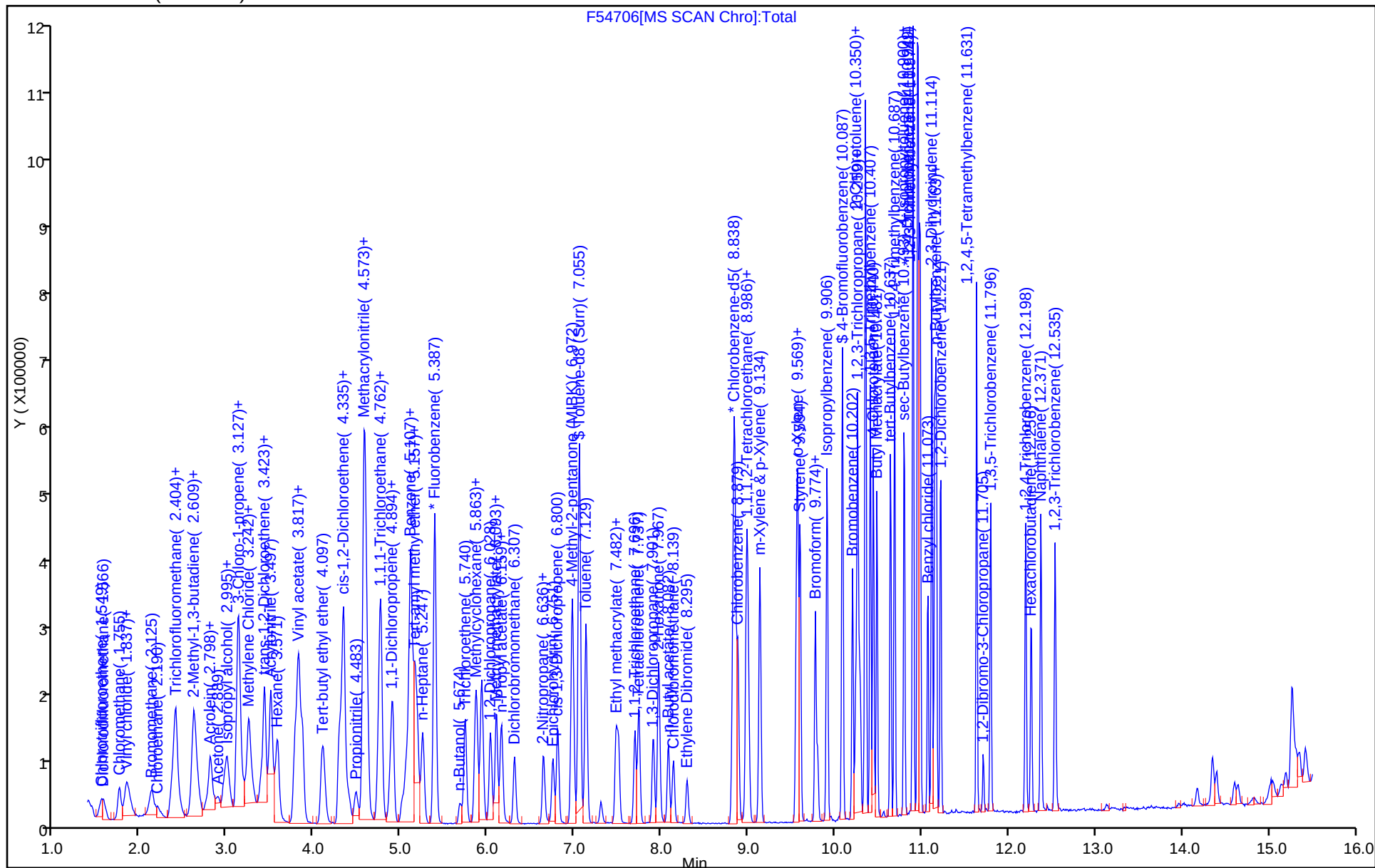
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-141953-1

SDG No.: _____

Instrument ID: CVOAMS6 Start Date: 10/03/2017 00:52Analysis Batch Number: 466502 End Date: 10/03/2017 10:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-466502/1		10/03/2017 00:52	1	F54398.D	Rtx-624 0.25 (mm)
STD20 460-466502/4 ICIS		10/03/2017 02:03	1	F54401.D	Rtx-624 0.25 (mm)
STD7 460-466502/7 IC		10/03/2017 03:13	1	F54404.D	Rtx-624 0.25 (mm)
STD5 460-466502/8 IC		10/03/2017 03:37	1	F54405.D	Rtx-624 0.25 (mm)
STD50 460-466502/10 IC		10/03/2017 04:23	1	F54407.D	Rtx-624 0.25 (mm)
STD200 460-466502/11 IC		10/03/2017 04:47	1	F54408.D	Rtx-624 0.25 (mm)
STD500 460-466502/12 IC		10/03/2017 05:10	1	F54409.D	Rtx-624 0.25 (mm)
STD1 460-466502/32 IC		10/03/2017 09:23	1	F54414.D	Rtx-624 0.25 (mm)
ICV 460-466502/33		10/03/2017 10:29	1		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-141953-1

SDG No.: _____

Instrument ID: CVOAMS6 Start Date: 10/08/2017 09:51Analysis Batch Number: 467699 End Date: 10/08/2017 18:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-467699/1		10/08/2017 09:51	1	F54702.D	Rtx-624 0.25 (mm)
CCVIS 460-467699/3		10/08/2017 10:39	1	F54704.D	Rtx-624 0.25 (mm)
LCS 460-467699/4		10/08/2017 11:02	1	F54705.D	Rtx-624 0.25 (mm)
LCSD 460-467699/5		10/08/2017 11:25	1	F54706.D	Rtx-624 0.25 (mm)
MB 460-467699/8		10/08/2017 12:35	1	F54709.D	Rtx-624 0.25 (mm)
460-141953-12		10/08/2017 12:59	1	F54710.D	Rtx-624 0.25 (mm)
460-141953-13		10/08/2017 13:22	1	F54711.D	Rtx-624 0.25 (mm)
460-141953-14		10/08/2017 13:45	1	F54712.D	Rtx-624 0.25 (mm)
460-141953-1		10/08/2017 14:08	1	F54713.D	Rtx-624 0.25 (mm)
460-141953-2		10/08/2017 14:32	1	F54714.D	Rtx-624 0.25 (mm)
460-141953-3		10/08/2017 14:55	1	F54715.D	Rtx-624 0.25 (mm)
460-141953-4		10/08/2017 15:18	1	F54716.D	Rtx-624 0.25 (mm)
460-141953-5		10/08/2017 15:41	1	F54717.D	Rtx-624 0.25 (mm)
460-141953-6		10/08/2017 16:05	1	F54718.D	Rtx-624 0.25 (mm)
460-141953-7		10/08/2017 16:28	1	F54719.D	Rtx-624 0.25 (mm)
460-141953-8		10/08/2017 16:51	1	F54720.D	Rtx-624 0.25 (mm)
460-141953-9		10/08/2017 17:14	1	F54721.D	Rtx-624 0.25 (mm)
460-141953-10		10/08/2017 17:37	1	F54722.D	Rtx-624 0.25 (mm)
460-141953-11		10/08/2017 18:00	1	F54723.D	Rtx-624 0.25 (mm)
460-141953-15		10/08/2017 18:24	1	F54724.D	Rtx-624 0.25 (mm)
ZZZZZ		10/08/2017 18:47	1		Rtx-624 0.25 (mm)

8015D_ID

Hydrocarbon Product Identification
(GC)

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison

Job No.: 460-141953-1

SDG No.: _____

Matrix: Water

Level: Low

GC Column (1): Rtx-Mineral ID: 0.32 (mm)

Client Sample ID	Lab Sample ID	OTPH #
GT-1	460-141953-1	61
GT-2	460-141953-2	46
GT-3	460-141953-3	68
GT-5	460-141953-4	62
GT-6	460-141953-5	77
GT-7	460-141953-6	79
VE-1R	460-141953-7	62
VE-5	460-141953-8	79
VP-A	460-141953-9	52
VP-B	460-141953-10	71
GW-DUP	460-141953-11	69
Rinse Blank-1	460-141953-13	52
Rinse Blank-2	460-141953-14	69
DW-1	460-141953-15	59
	MB 460-466313/1-A	68
	LCS 460-466313/2-A	55
	LCSD 460-466313/3-A	68

OTPH = o-Terphenyl

QC LIMITS
34-158

Column to be used to flag recovery values

FORM II 8015D

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-141953-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: 3F011955.D
Lab ID: LCS 460-466313/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Mineral Spirits	2500	1900	76	70-130	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-141953-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: 3F011956.D
 Lab ID: LCSD 460-466313/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Mineral Spirits	2500	1770	71	7	30	70-130	

Column to be used to flag recovery and RPD values

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-141953-1
SDG No.: _____
Lab File ID: 3F011954.D Lab Sample ID: MB 460-466313/1-A
Matrix: Water Date Extracted: 10/02/2017 07:18
Instrument ID: CBNAGC3 Date Analyzed: 10/04/2017 11:26
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-466313/2-A	3F011955.D	10/04/2017 11:36
	LCSD 460-466313/3-A	3F011956.D	10/04/2017 11:46
GT-1	460-141953-1	3F011957.D	10/04/2017 11:56
GT-2	460-141953-2	3F011958.D	10/04/2017 12:06
GT-3	460-141953-3	3F011959.D	10/04/2017 12:17
GT-5	460-141953-4	3F011960.D	10/04/2017 12:27
GT-6	460-141953-5	3F011961.D	10/04/2017 12:37
GT-7	460-141953-6	3F011962.D	10/04/2017 12:48
VE-1R	460-141953-7	3F011963.D	10/04/2017 12:58
VE-5	460-141953-8	3F011966.D	10/04/2017 14:26
VP-A	460-141953-9	3F011967.D	10/04/2017 14:36
VP-B	460-141953-10	3F011968.D	10/04/2017 14:46
GW-DUP	460-141953-11	3F011969.D	10/04/2017 14:56
Rinse Blank-1	460-141953-13	3F011970.D	10/04/2017 15:06
Rinse Blank-2	460-141953-14	3F011971.D	10/04/2017 15:16
DW-1	460-141953-15	3F011972.D	10/04/2017 15:27

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1
SDG No.: _____
Client Sample ID: GT-1 Lab Sample ID: 460-141953-1
Matrix: Water Lab File ID: 3F011957.D
Analysis Method: 8015D Date Collected: 09/26/2017 12:00
Extraction Method: 3510C Date Extracted: 10/02/2017 07:18
Sample wt/vol: 990 (mL) Date Analyzed: 10/04/2017 11:56
Con. Extract Vol.: 1 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 466819 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	240		51	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	61		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011957.D
Lims ID: 460-141953-E-1-A
Client ID: GT-1
Sample Type: Client
Inject. Date: 04-Oct-2017 11:56:38 ALS Bottle#: 9 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0061313-006
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 04-Oct-2017 10:02:11 Calib Date: 29-Sep-2016 09:14:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK030

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.509 (0.507-2.510) 5785731 237.8

\$ 2 o-Terphenyl

3.405 3.397 0.008 350441 12.1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011957.D

Injection Date: 04-Oct-2017 11:56:38

Instrument ID: CBNAGC3

Lims ID: 460-141953-E-1-A

Lab Sample ID: 460-141953-1

Client ID: GT-1

Operator ID: 615

ALS Bottle#: 9

Worklist Smp#: 6

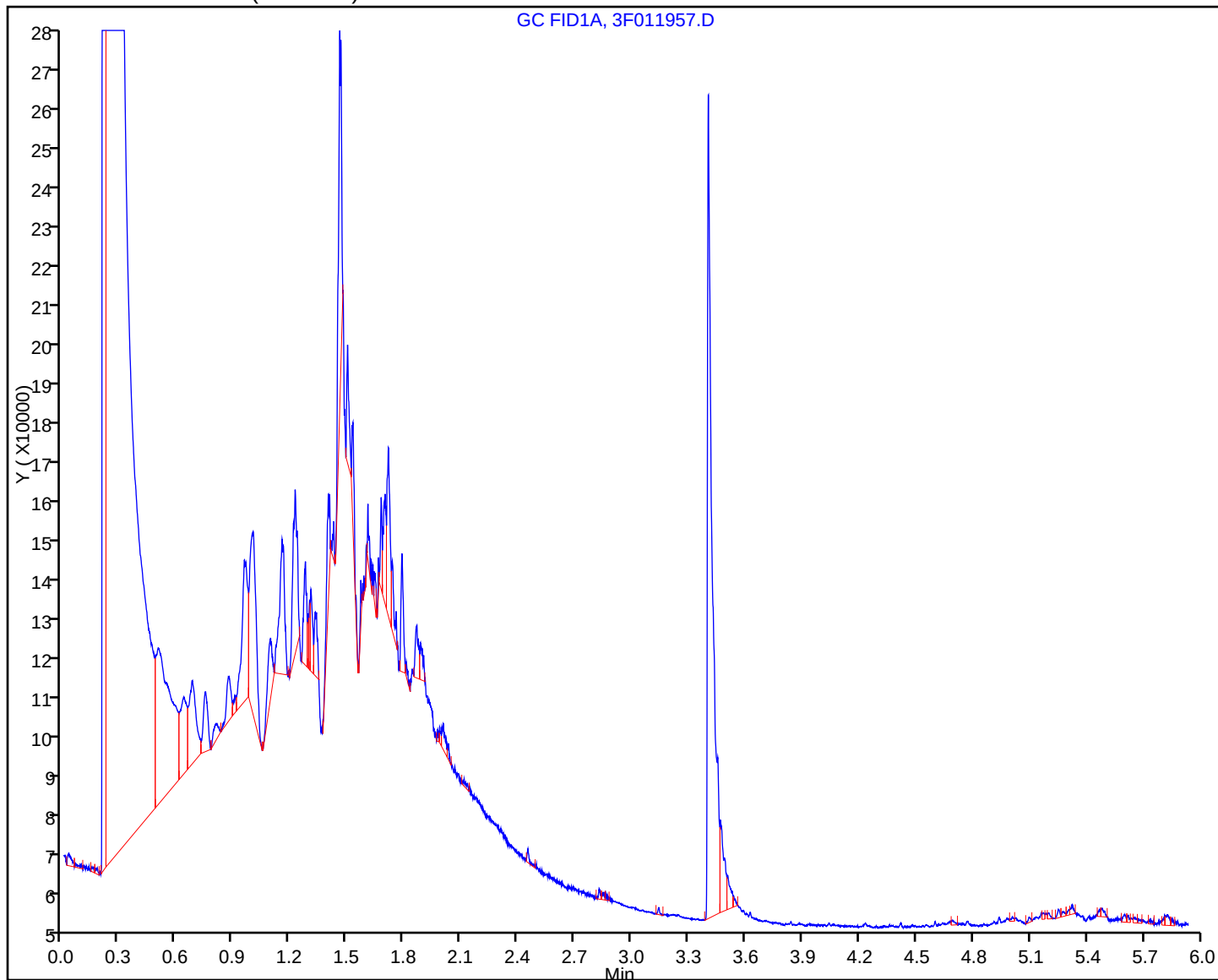
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1
 SDG No.: _____
 Client Sample ID: GT-2 Lab Sample ID: 460-141953-2
 Matrix: Water Lab File ID: 3F011958.D
 Analysis Method: 8015D Date Collected: 09/25/2017 16:00
 Extraction Method: 3510C Date Extracted: 10/02/2017 07:18
 Sample wt/vol: 990 (mL) Date Analyzed: 10/04/2017 12:06
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 466819 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	51	U	51	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	46		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011958.D
Lims ID: 460-141953-D-2-A
Client ID: GT-2
Sample Type: Client
Inject. Date: 04-Oct-2017 12:06:47 ALS Bottle#: 10 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0061313-007
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 04-Oct-2017 14:29:11 Calib Date: 29-Sep-2016 09:14:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK030

First Level Reviewer: kouadlos

Date: 04-Oct-2017 12:33:39

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl					M
3.400	3.397	0.003	265370	9.17	M

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011958.D

Injection Date: 04-Oct-2017 12:06:47

Instrument ID: CBNAGC3

Lims ID: 460-141953-D-2-A

Lab Sample ID: 460-141953-2

Client ID: GT-2

Operator ID: 615

ALS Bottle#: 10

Worklist Smp#: 7

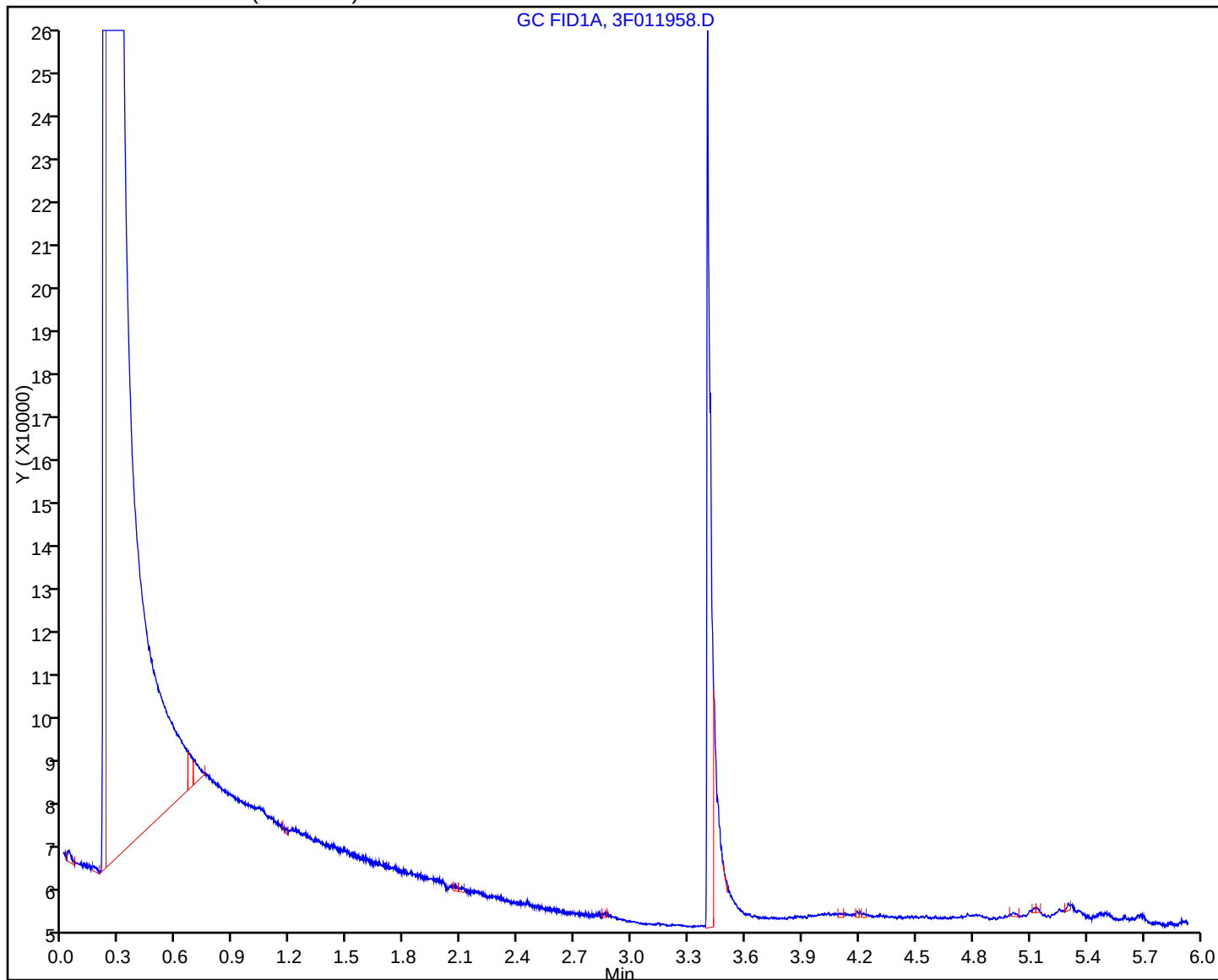
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



TestAmerica Edison

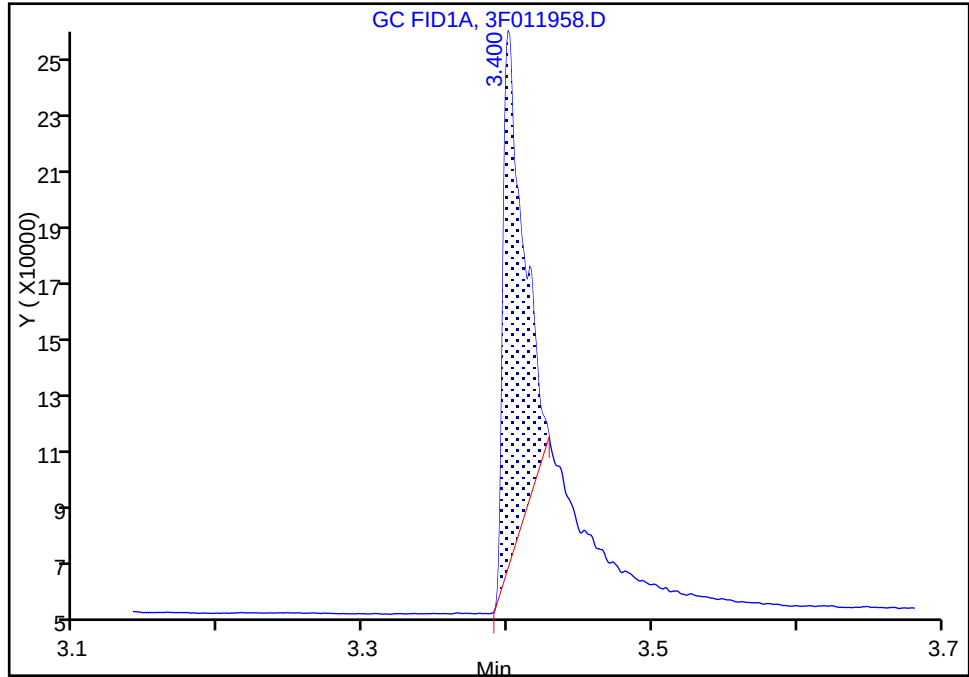
Data File:	\\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011958.D		
Injection Date:	04-Oct-2017 12:06:47	Instrument ID:	CBNAGC3
Lims ID:	460-141953-D-2-A	Lab Sample ID:	460-141953-2
Client ID:	GT-2		
Operator ID:	615	ALS Bottle#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	MS3F	Limit Group:	GC 8015C DRO ICAL
Column:	Rtx Mineral Oil (0.32 mm)	Detector:	GC FID1A
		Worklist Smp#:	7

\$ 2 o-Terphenyl, CAS: 84-15-1

Signal: 1

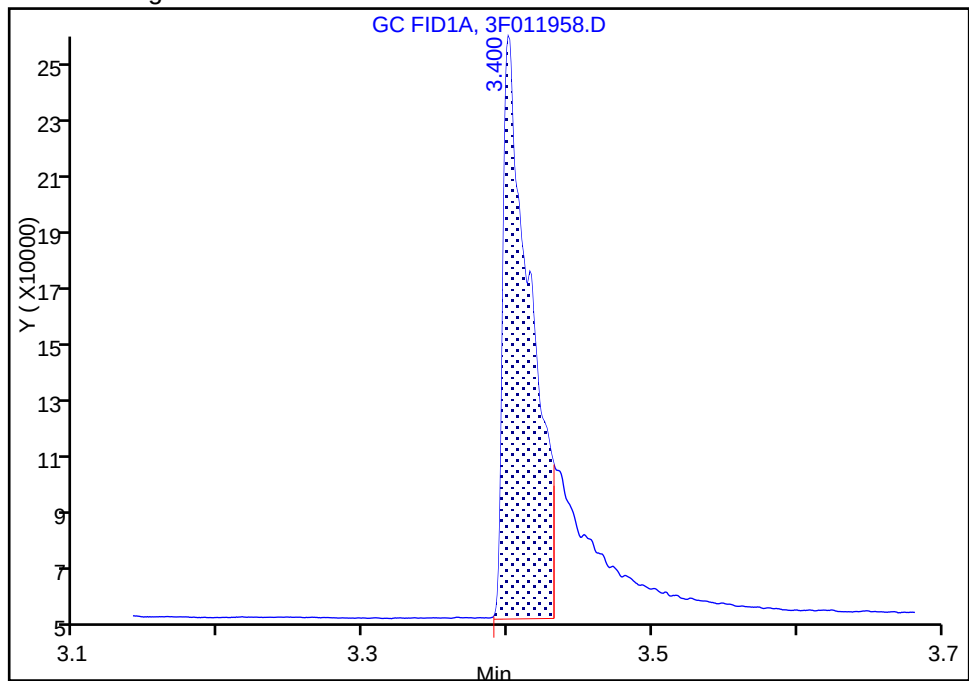
RT: 3.40
Area: 181510
Amount: 6.275347
Amount Units: ug/ml

Processing Integration Results



RT: 3.40
Area: 265370
Amount: 9.174639
Amount Units: ug/ml

Manual Integration Results



Reviewer: kouadios, 04-Oct-2017 14:29:00
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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10/12/2017

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1
 SDG No.: _____
 Client Sample ID: GT-3 Lab Sample ID: 460-141953-3
 Matrix: Water Lab File ID: 3F011959.D
 Analysis Method: 8015D Date Collected: 09/25/2017 16:55
 Extraction Method: 3510C Date Extracted: 10/02/2017 07:18
 Sample wt/vol: 990 (mL) Date Analyzed: 10/04/2017 12:17
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 466819 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	51	U	51	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	68		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011959.D
Lims ID: 460-141953-D-3-A
Client ID: GT-3
Sample Type: Client
Inject. Date: 04-Oct-2017 12:17:04 ALS Bottle#: 11 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0061313-008
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 04-Oct-2017 12:33:49 Calib Date: 29-Sep-2016 09:14:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK030

First Level Reviewer: kouadlos

Date: 04-Oct-2017 12:33:49

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.401 3.397 0.004 395765 13.7

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011959.D

Injection Date: 04-Oct-2017 12:17:04

Instrument ID: CBNAGC3

Lims ID: 460-141953-D-3-A

Lab Sample ID: 460-141953-3

Client ID: GT-3

Operator ID: 615

ALS Bottle#: 11

Worklist Smp#: 8

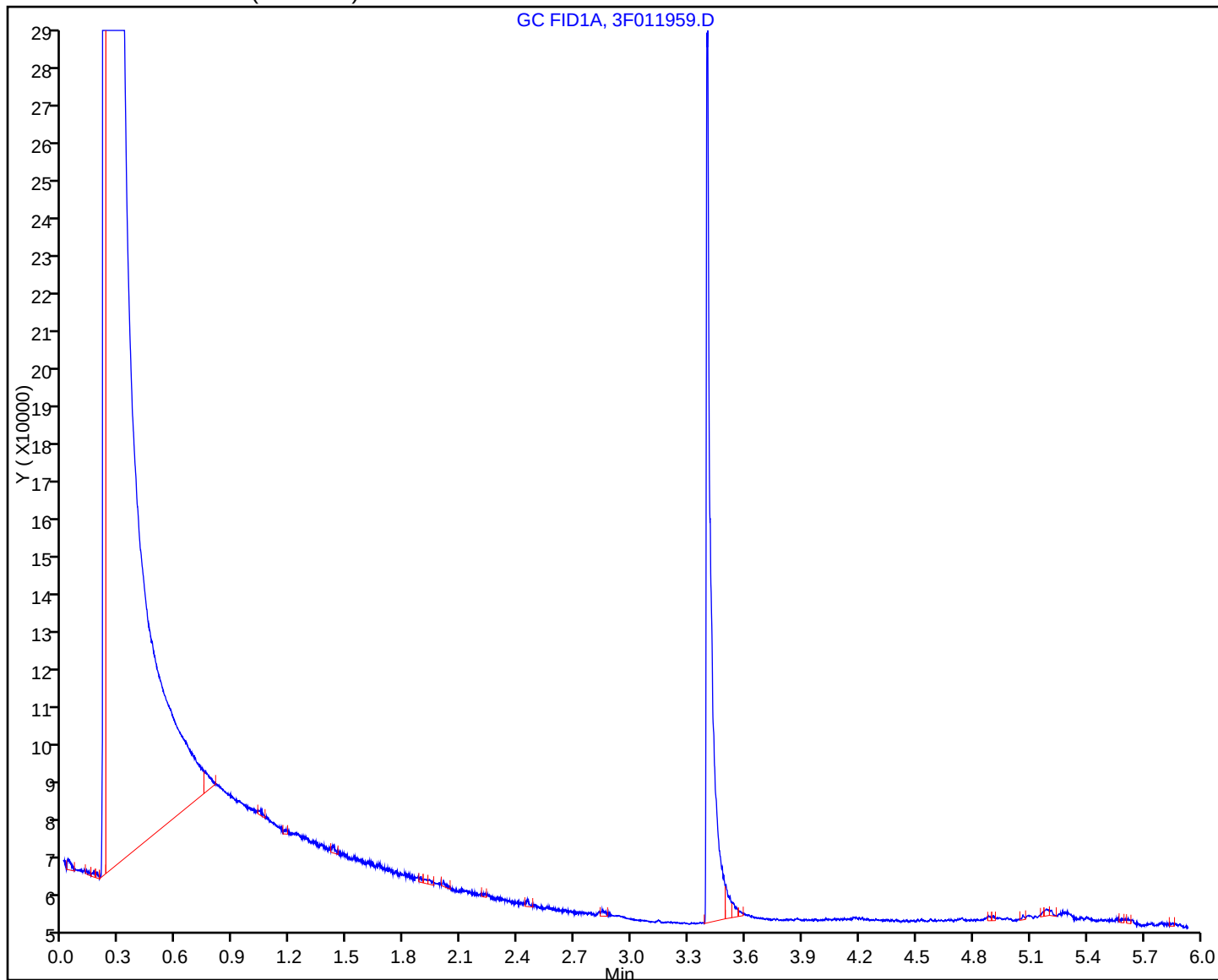
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1
 SDG No.: _____
 Client Sample ID: GT-5 Lab Sample ID: 460-141953-4
 Matrix: Water Lab File ID: 3F011960.D
 Analysis Method: 8015D Date Collected: 09/25/2017 17:45
 Extraction Method: 3510C Date Extracted: 10/02/2017 07:18
 Sample wt/vol: 990 (mL) Date Analyzed: 10/04/2017 12:27
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 466819 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	51	U	51	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	62		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011960.D
Lims ID: 460-141953-E-4-A
Client ID: GT-5
Sample Type: Client
Inject. Date: 04-Oct-2017 12:27:21 ALS Bottle#: 12 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0061313-009
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 04-Oct-2017 12:35:15 Calib Date: 29-Sep-2016 09:14:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK030

First Level Reviewer: kouadlos

Date: 04-Oct-2017 12:35:15

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.398 3.397 0.001 356543 12.3

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011960.D

Injection Date: 04-Oct-2017 12:27:21

Instrument ID: CBNAGC3

Lims ID: 460-141953-E-4-A

Lab Sample ID: 460-141953-4

Client ID: GT-5

Operator ID: 615

ALS Bottle#: 12

Worklist Smp#: 9

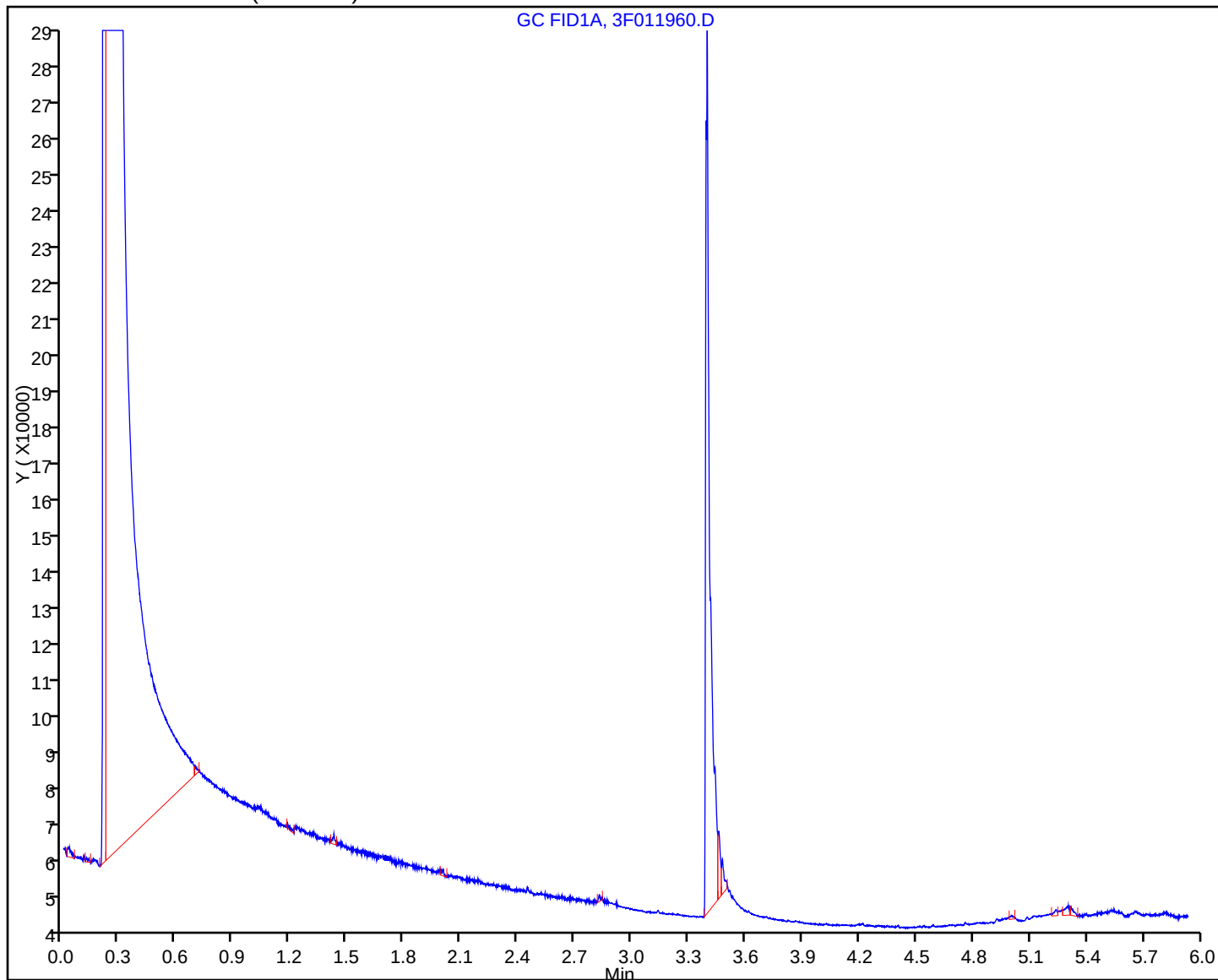
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1
 SDG No.: _____
 Client Sample ID: GT-6 Lab Sample ID: 460-141953-5
 Matrix: Water Lab File ID: 3F011961.D
 Analysis Method: 8015D Date Collected: 09/26/2017 09:00
 Extraction Method: 3510C Date Extracted: 10/02/2017 07:18
 Sample wt/vol: 990 (mL) Date Analyzed: 10/04/2017 12:37
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 466819 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	190		51	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	77		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011961.D
Lims ID: 460-141953-D-5-A
Client ID: GT-6
Sample Type: Client
Inject. Date: 04-Oct-2017 12:37:46 ALS Bottle#: 13 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0061313-010
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 04-Oct-2017 12:44:14 Calib Date: 29-Sep-2016 09:14:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK030

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.509 (0.507-2.510) 4599992 189.1

\$ 2 o-Terphenyl

3.389 3.397 -0.008 446955 15.5

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011961.D

Injection Date: 04-Oct-2017 12:37:46

Instrument ID: CBNAGC3

Lims ID: 460-141953-D-5-A

Lab Sample ID: 460-141953-5

Client ID: GT-6

Operator ID: 615

ALS Bottle#: 13 Worklist Smp#: 10

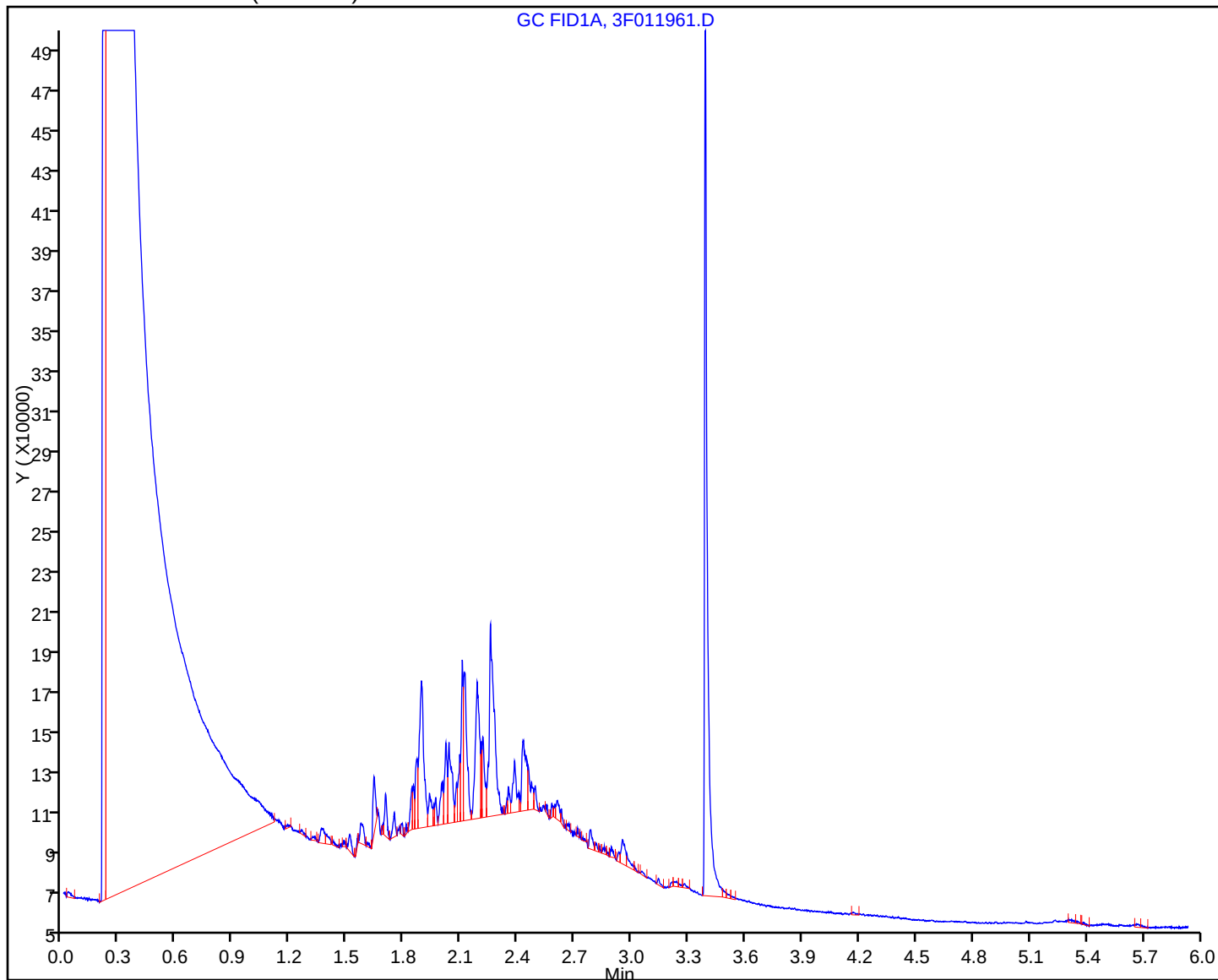
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1
 SDG No.: _____
 Client Sample ID: GT-7 Lab Sample ID: 460-141953-6
 Matrix: Water Lab File ID: 3F011962.D
 Analysis Method: 8015D Date Collected: 09/26/2017 08:05
 Extraction Method: 3510C Date Extracted: 10/02/2017 07:18
 Sample wt/vol: 990 (mL) Date Analyzed: 10/04/2017 12:48
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 466819 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	51	U	51	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	79		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011962.D
Lims ID: 460-141953-D-6-A
Client ID: GT-7
Sample Type: Client
Inject. Date: 04-Oct-2017 12:48:01 ALS Bottle#: 14 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0061313-011
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 04-Oct-2017 12:58:34 Calib Date: 29-Sep-2016 09:14:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK030

First Level Reviewer: kouadios

Date: 04-Oct-2017 12:55:57

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.383 3.397 -0.014 459843 15.9

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011962.D

Injection Date: 04-Oct-2017 12:48:01

Instrument ID: CBNAGC3

Lims ID: 460-141953-D-6-A

Lab Sample ID: 460-141953-6

Client ID: GT-7

Operator ID: 615

ALS Bottle#: 14

Worklist Smp#: 11

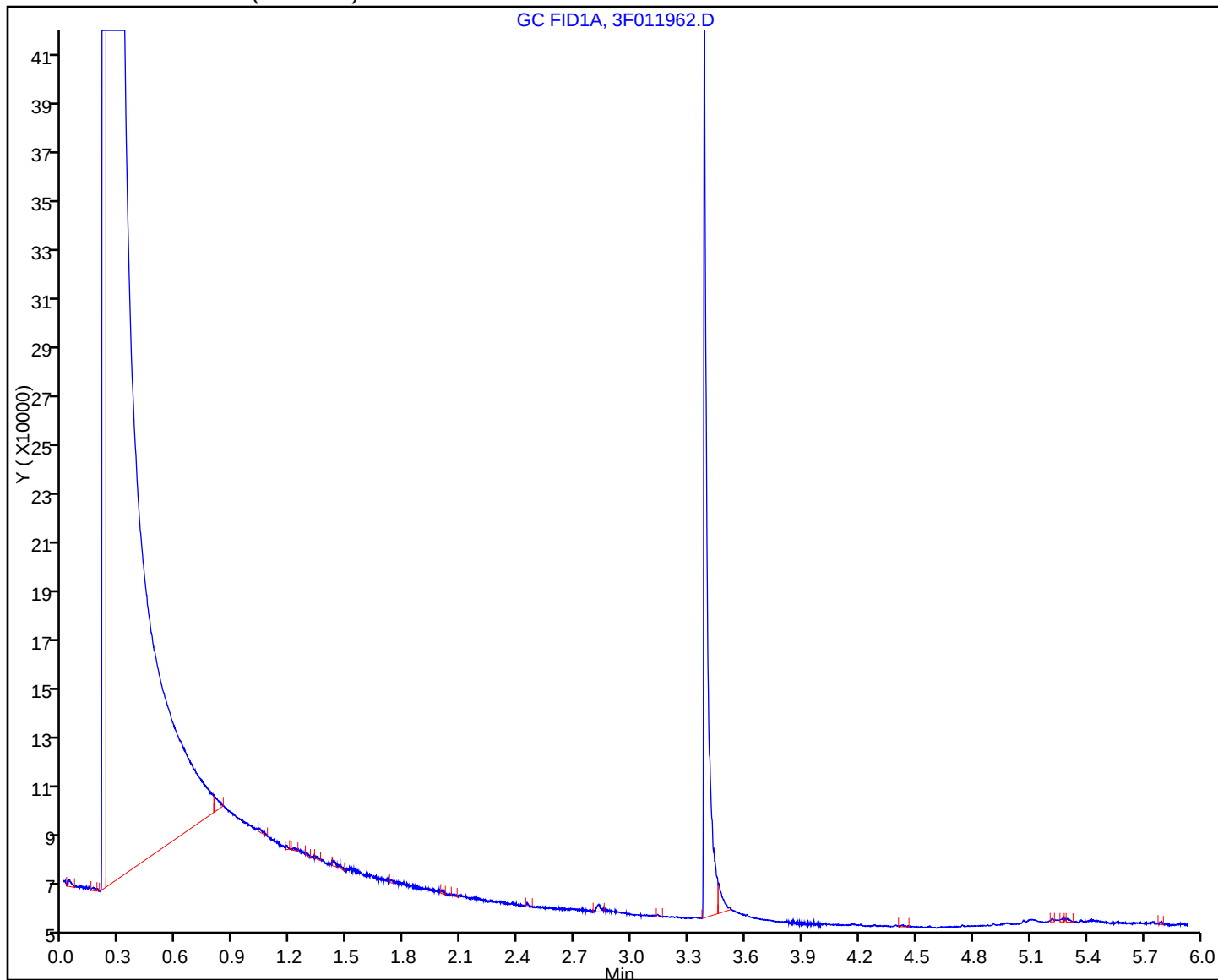
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1
 SDG No.: _____
 Client Sample ID: VE-1R Lab Sample ID: 460-141953-7
 Matrix: Water Lab File ID: 3F011963.D
 Analysis Method: 8015D Date Collected: 09/26/2017 12:55
 Extraction Method: 3510C Date Extracted: 10/02/2017 07:18
 Sample wt/vol: 990 (mL) Date Analyzed: 10/04/2017 12:58
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 466819 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	50	J	51	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	62		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011963.D
Lims ID: 460-141953-D-7-A
Client ID: VE-1R
Sample Type: Client
Inject. Date: 04-Oct-2017 12:58:06 ALS Bottle#: 15 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0061313-012
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 04-Oct-2017 13:16:32 Calib Date: 29-Sep-2016 09:14:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK030

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.509 (0.507-2.510) 1213023 49.9

\$ 2 o-Terphenyl

3.389 3.397 -0.008 358463 12.4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011963.D

Injection Date: 04-Oct-2017 12:58:06

Instrument ID: CBNAGC3

Lims ID: 460-141953-D-7-A

Lab Sample ID: 460-141953-7

Client ID: VE-1R

Operator ID: 615

ALS Bottle#: 15 Worklist Smp#: 12

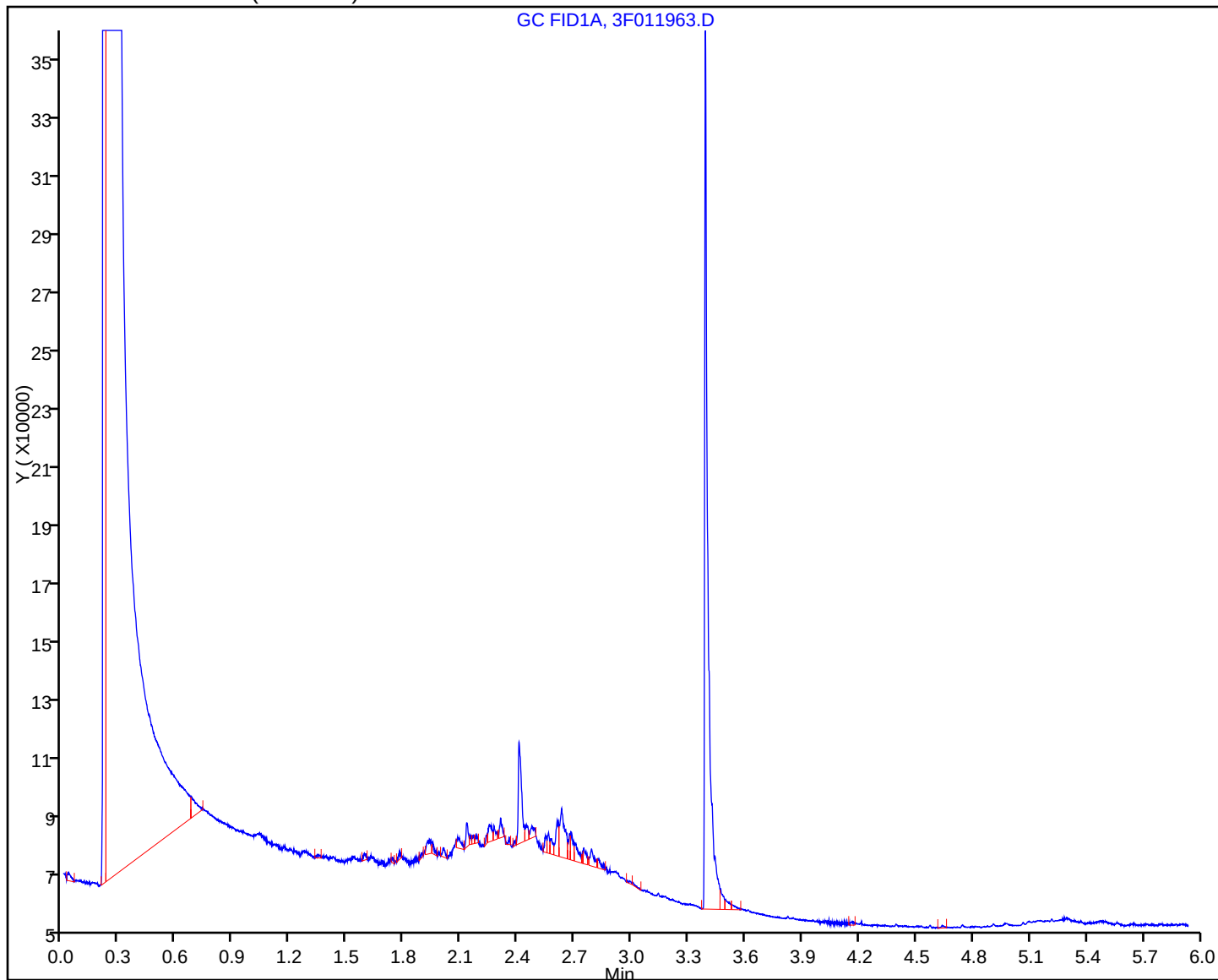
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1
SDG No.: _____
Client Sample ID: VE-5 Lab Sample ID: 460-141953-8
Matrix: Water Lab File ID: 3F011966.D
Analysis Method: 8015D Date Collected: 09/26/2017 07:15
Extraction Method: 3510C Date Extracted: 10/02/2017 07:18
Sample wt/vol: 990 (mL) Date Analyzed: 10/04/2017 14:26
Con. Extract Vol.: 1 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 466819 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	51	U	51	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	79		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011966.D
Lims ID: 460-141953-E-8-A
Client ID: VE-5
Sample Type: Client
Inject. Date: 04-Oct-2017 14:26:09 ALS Bottle#: 16 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0061313-015
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 05-Oct-2017 07:17:53 Calib Date: 29-Sep-2016 09:14:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK029

First Level Reviewer: adoum

Date: 04-Oct-2017 15:57:51

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.393 3.397 -0.004 459597 15.9

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011966.D

Injection Date: 04-Oct-2017 14:26:09

Instrument ID: CBNAGC3

Lims ID: 460-141953-E-8-A

Lab Sample ID: 460-141953-8

Client ID: VE-5

Operator ID: 615

ALS Bottle#: 16

Worklist Smp#: 15

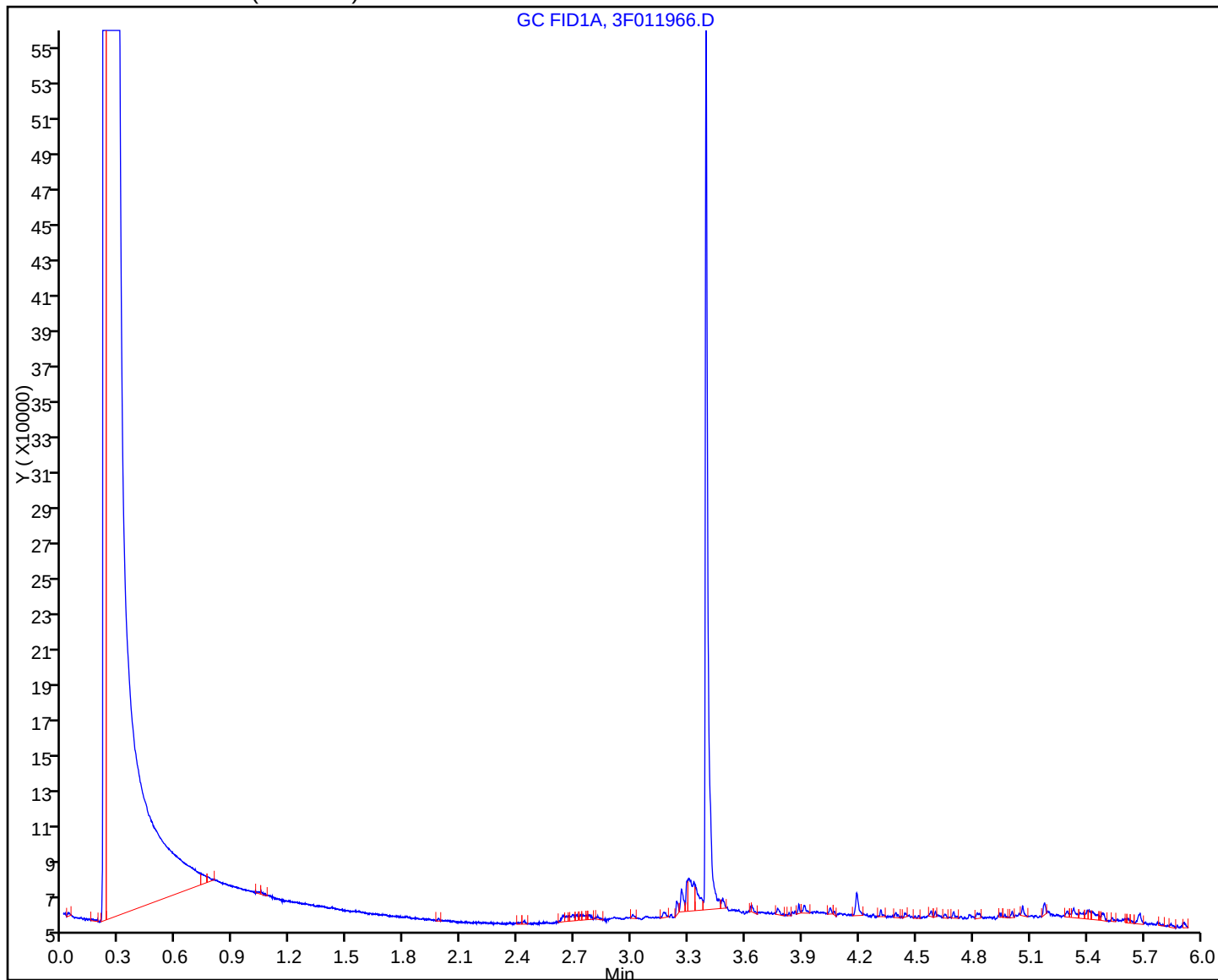
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1
SDG No.: _____
Client Sample ID: VP-A Lab Sample ID: 460-141953-9
Matrix: Water Lab File ID: 3F011967.D
Analysis Method: 8015D Date Collected: 09/26/2017 10:05
Extraction Method: 3510C Date Extracted: 10/02/2017 07:18
Sample wt/vol: 990 (mL) Date Analyzed: 10/04/2017 14:36
Con. Extract Vol.: 1 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 466819 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	51	U	51	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	52		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011967.D
Lims ID: 460-141953-E-9-A
Client ID: VP-A
Sample Type: Client
Inject. Date: 04-Oct-2017 14:36:10 ALS Bottle#: 17 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0061313-016
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 05-Oct-2017 07:17:53 Calib Date: 29-Sep-2016 09:14:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK029

First Level Reviewer: adoum

Date: 04-Oct-2017 15:57:46

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.396 3.397 -0.001 299735 10.4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011967.D

Injection Date: 04-Oct-2017 14:36:10

Instrument ID: CBNAGC3

Lims ID: 460-141953-E-9-A

Lab Sample ID: 460-141953-9

Client ID: VP-A

Operator ID: 615

ALS Bottle#: 17 Worklist Smp#: 16

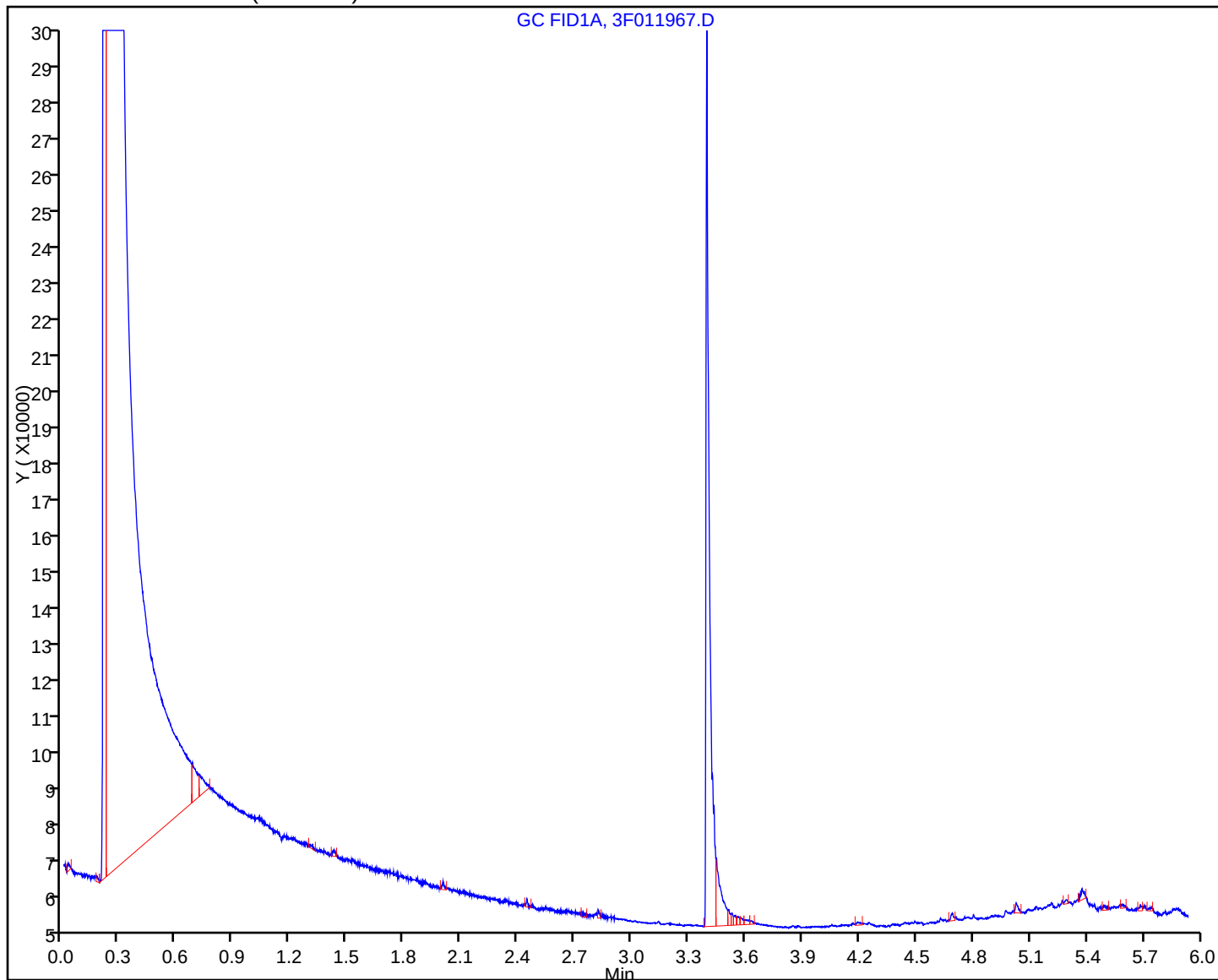
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1
 SDG No.: _____
 Client Sample ID: VP-B Lab Sample ID: 460-141953-10
 Matrix: Water Lab File ID: 3F011968.D
 Analysis Method: 8015D Date Collected: 09/26/2017 11:00
 Extraction Method: 3510C Date Extracted: 10/02/2017 07:18
 Sample wt/vol: 990 (mL) Date Analyzed: 10/04/2017 14:46
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 466819 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	51	U	51	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	71		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011968.D
Lims ID: 460-141953-E-10-A
Client ID: VP-B
Sample Type: Client
Inject. Date: 04-Oct-2017 14:46:15 ALS Bottle#: 18 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0061313-017
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 05-Oct-2017 07:17:53 Calib Date: 29-Sep-2016 09:14:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK029

First Level Reviewer: adoum

Date: 04-Oct-2017 15:57:56

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.389 3.397 -0.008 408181 14.1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011968.D

Injection Date: 04-Oct-2017 14:46:15

Instrument ID: CBNAGC3

Lims ID: 460-141953-E-10-A

Lab Sample ID: 460-141953-10

Client ID: VP-B

Operator ID: 615

ALS Bottle#: 18 Worklist Smp#: 17

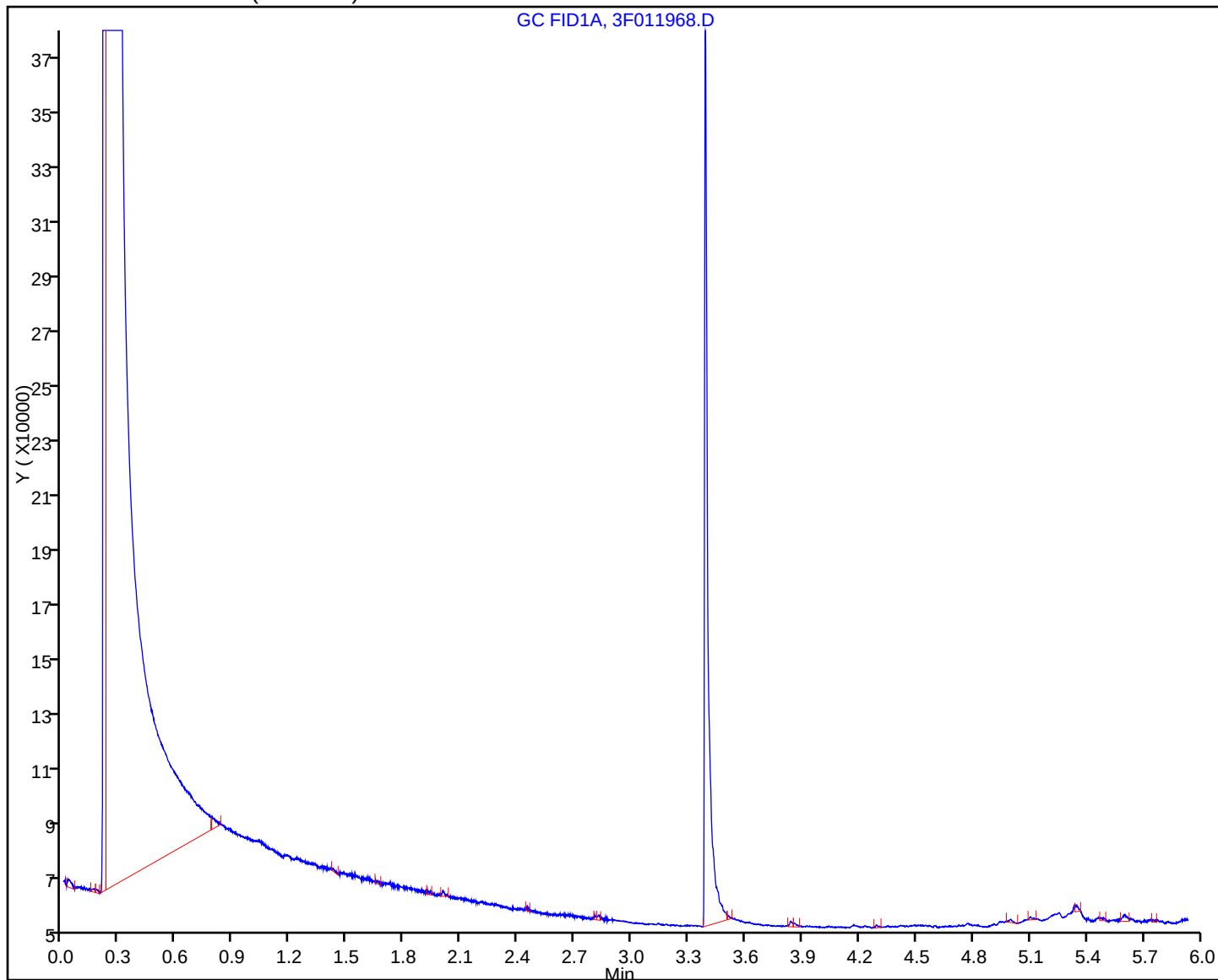
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1
 SDG No.: _____
 Client Sample ID: GW-DUP Lab Sample ID: 460-141953-11
 Matrix: Water Lab File ID: 3F011969.D
 Analysis Method: 8015D Date Collected: 09/26/2017 12:00
 Extraction Method: 3510C Date Extracted: 10/02/2017 07:18
 Sample wt/vol: 990 (mL) Date Analyzed: 10/04/2017 14:56
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 466819 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	84		51	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	69		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011969.D
Lims ID: 460-141953-E-11-A
Client ID: GW-DUP
Sample Type: Client
Inject. Date: 04-Oct-2017 14:56:29 ALS Bottle#: 19 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0061313-018
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 05-Oct-2017 07:17:53 Calib Date: 29-Sep-2016 09:14:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK029

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.509 (0.507-2.510) 2013292 82.7

\$ 2 o-Terphenyl

3.392 3.397 -0.005 397166 13.7

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011969.D

Injection Date: 04-Oct-2017 14:56:29

Instrument ID: CBNAGC3

Lims ID: 460-141953-E-11-A

Lab Sample ID: 460-141953-11

Client ID: GW-DUP

Operator ID: 615

ALS Bottle#: 19 Worklist Smp#: 18

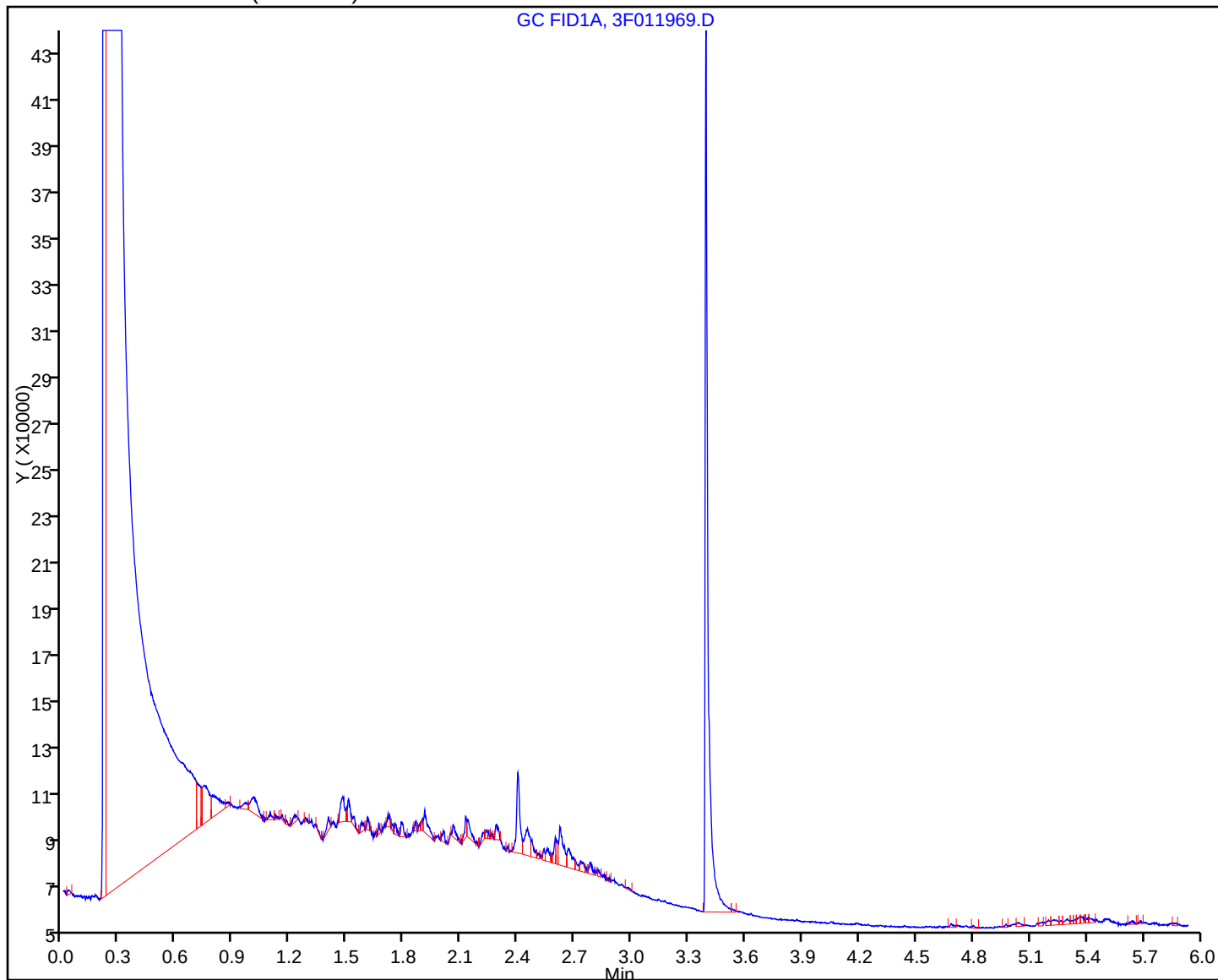
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1
SDG No.: _____
Client Sample ID: Rinse Blank-1 Lab Sample ID: 460-141953-13
Matrix: Water Lab File ID: 3F011970.D
Analysis Method: 8015D Date Collected: 09/26/2017 14:44
Extraction Method: 3510C Date Extracted: 10/02/2017 07:18
Sample wt/vol: 990 (mL) Date Analyzed: 10/04/2017 15:06
Con. Extract Vol.: 1 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 466819 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	72		51	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	52		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011970.D
Lims ID: 460-141953-E-13-A
Client ID: Rinse Blank-1
Sample Type: Client
Inject. Date: 04-Oct-2017 15:06:44 ALS Bottle#: 20 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0061313-019
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 05-Oct-2017 07:17:53 Calib Date: 29-Sep-2016 09:14:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK029

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.509 (0.507-2.510) 1725236 70.9

\$ 2 o-Terphenyl

3.384 3.397 -0.013 302510 10.5

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011970.D

Injection Date: 04-Oct-2017 15:06:44

Instrument ID: CBNAGC3

Lims ID: 460-141953-E-13-A

Lab Sample ID: 460-141953-13

Client ID: Rinse Blank-1

Operator ID: 615

ALS Bottle#: 20

Worklist Smp#: 19

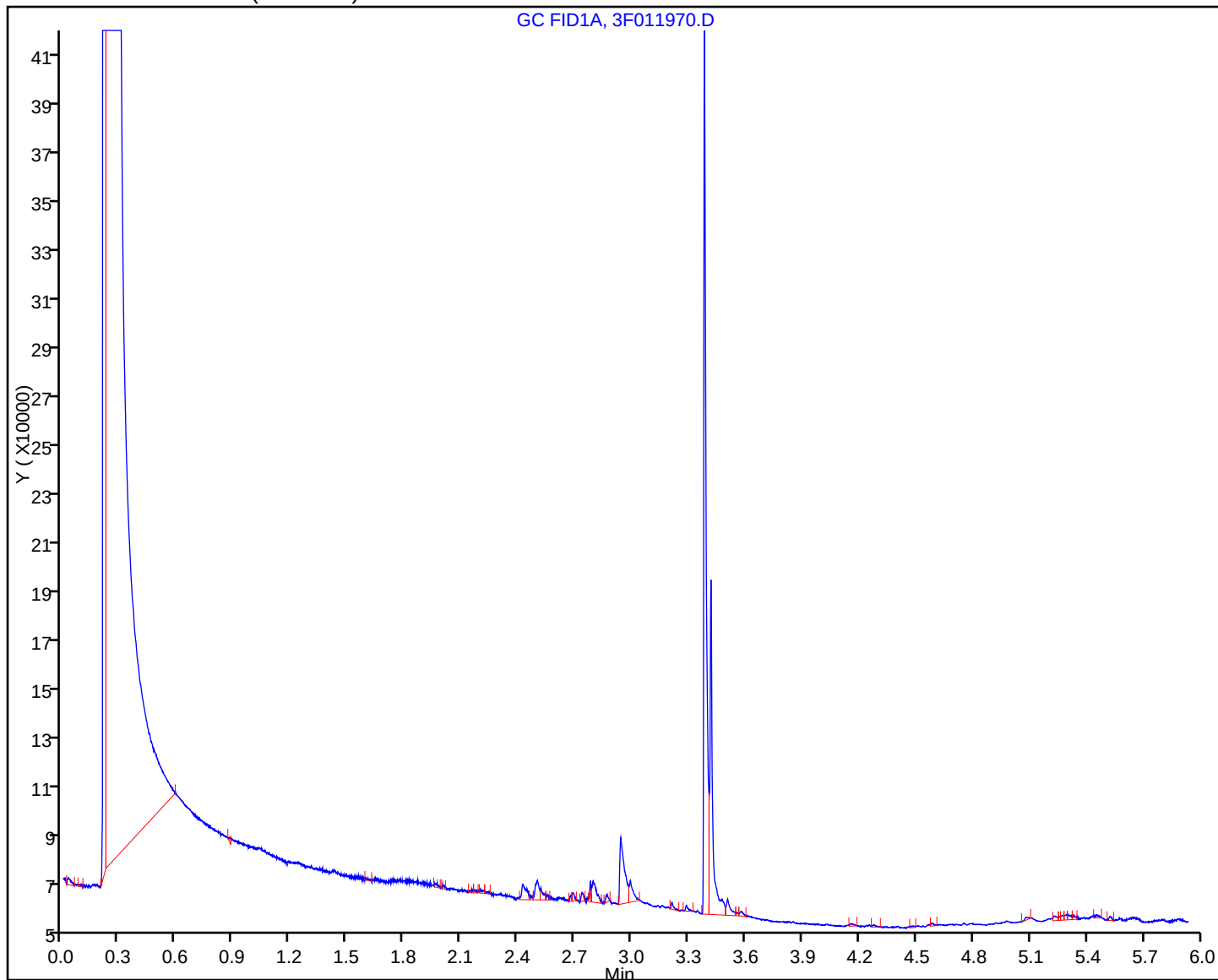
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1
SDG No.: _____
Client Sample ID: Rinse Blank-2 Lab Sample ID: 460-141953-14
Matrix: Water Lab File ID: 3F011971.D
Analysis Method: 8015D Date Collected: 09/26/2017 14:45
Extraction Method: 3510C Date Extracted: 10/02/2017 07:18
Sample wt/vol: 990 (mL) Date Analyzed: 10/04/2017 15:16
Con. Extract Vol.: 1 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 466819 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	65		51	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	69		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011971.D
Lims ID: 460-141953-D-14-A
Client ID: Rinse Blank-2
Sample Type: Client
Inject. Date: 04-Oct-2017 15:16:56 ALS Bottle#: 21 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0061313-020
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 05-Oct-2017 07:17:53 Calib Date: 29-Sep-2016 09:14:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK029

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.509 (0.507-2.510) 1574156 64.7

\$ 2 o-Terphenyl

3.382 3.397 -0.015 400319 13.8

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011971.D

Injection Date: 04-Oct-2017 15:16:56

Instrument ID: CBNAGC3

Lims ID: 460-141953-D-14-A

Lab Sample ID: 460-141953-14

Client ID: Rinse Blank-2

Operator ID: 615

ALS Bottle#: 21

Worklist Smp#: 20

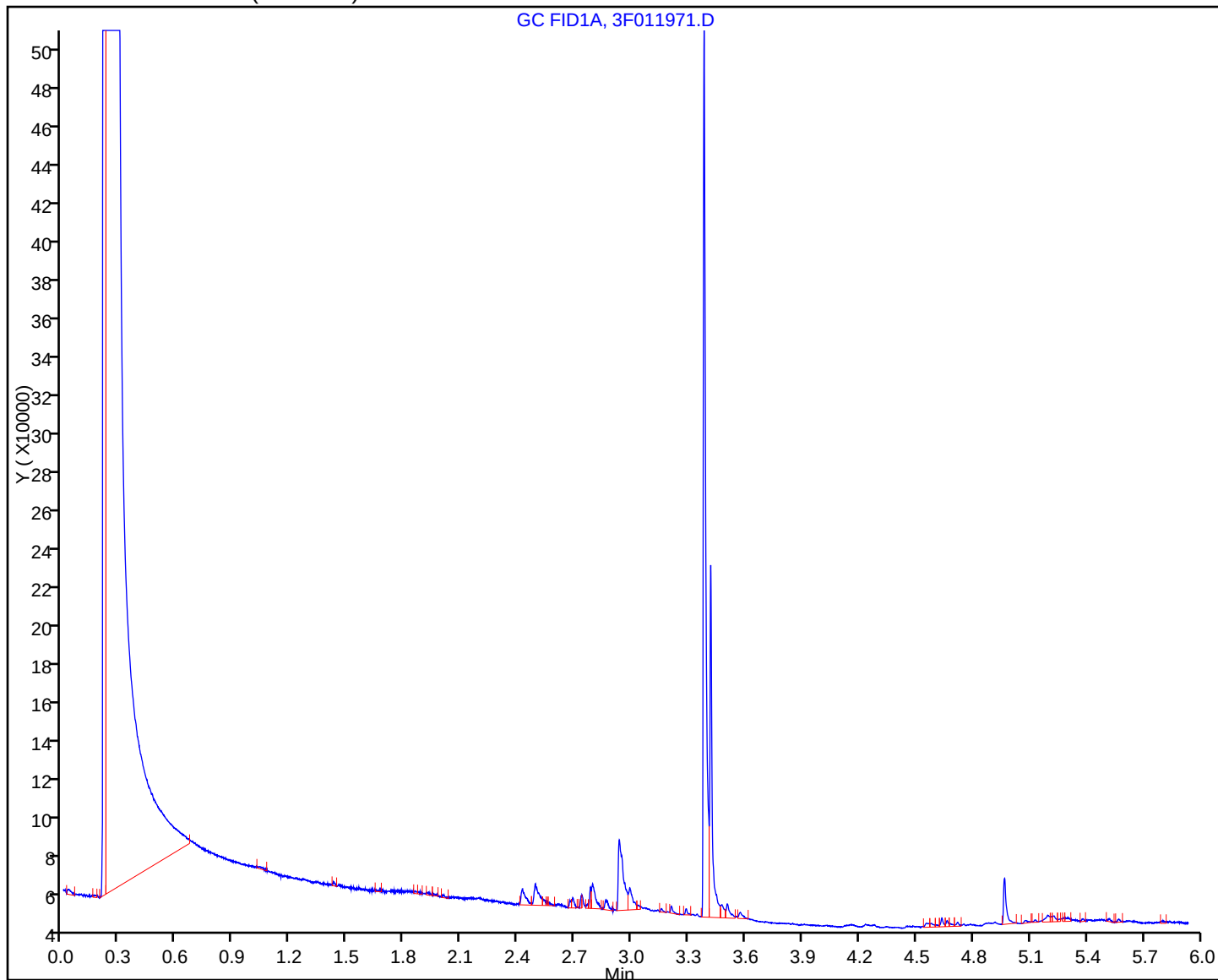
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1
SDG No.: _____
Client Sample ID: DW-1 Lab Sample ID: 460-141953-15
Matrix: Water Lab File ID: 3F011972.D
Analysis Method: 8015D Date Collected: 09/26/2017 13:20
Extraction Method: 3510C Date Extracted: 10/02/2017 07:18
Sample wt/vol: 990 (mL) Date Analyzed: 10/04/2017 15:27
Con. Extract Vol.: 1 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 466819 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	51	U	51	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	59		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011972.D
Lims ID: 460-141953-D-15-A
Client ID: DW-1
Sample Type: Client
Inject. Date: 04-Oct-2017 15:27:12 ALS Bottle#: 22 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0061313-021
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 05-Oct-2017 07:17:53 Calib Date: 29-Sep-2016 09:14:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK029

First Level Reviewer: adoum

Date: 04-Oct-2017 15:58:09

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.391 3.397 -0.006 339389 11.7

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011972.D

Injection Date: 04-Oct-2017 15:27:12

Instrument ID: CBNAGC3

Lims ID: 460-141953-D-15-A

Lab Sample ID: 460-141953-15

Client ID: DW-1

Operator ID: 615

ALS Bottle#: 22

Worklist Smp#: 21

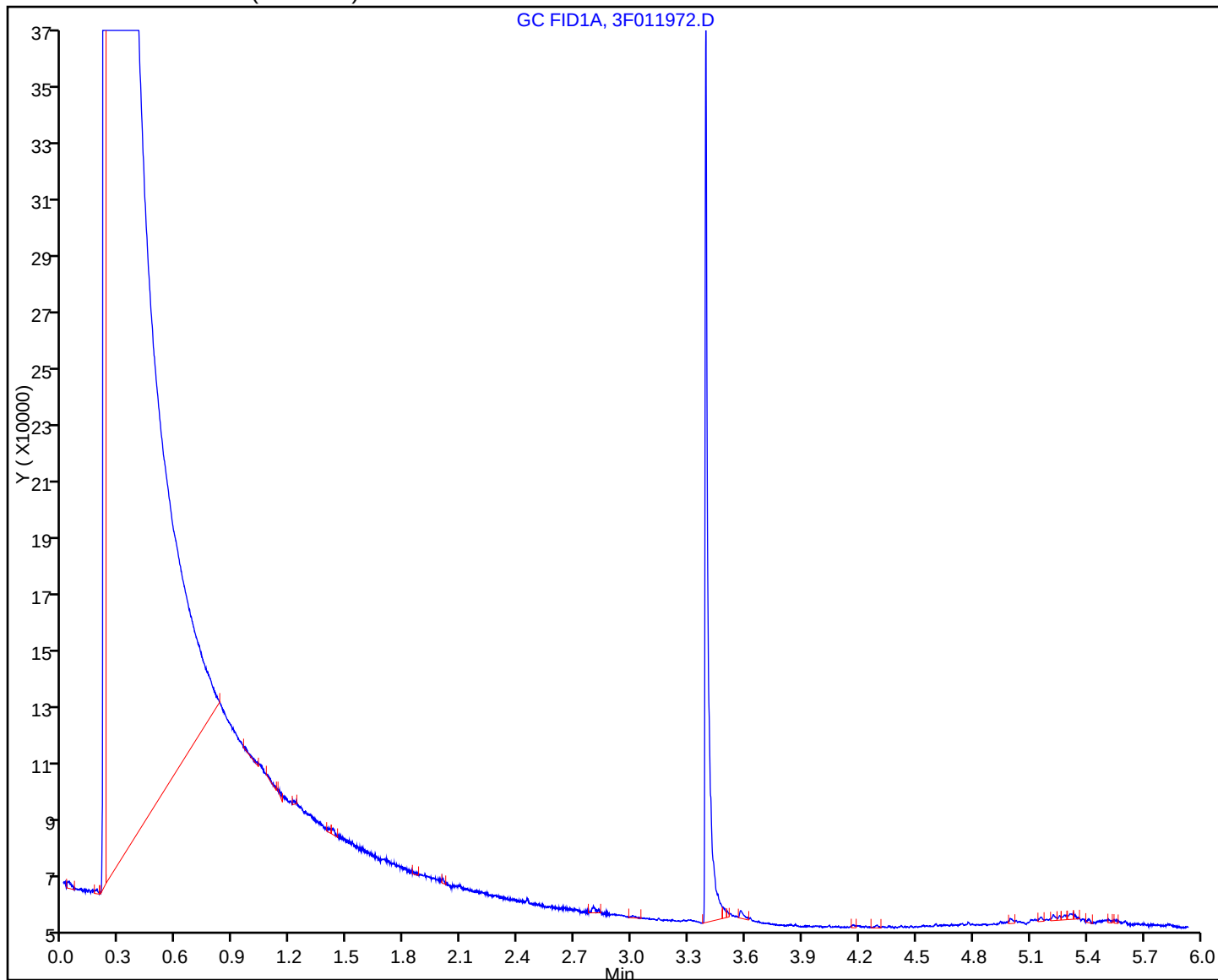
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-141953-1 Analy Batch No.: 393396

SDG No.: _____

Instrument ID: CBNAGC3 GC Column: Rtx-Mineral ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2016 08:34 Calibration End Date: 09/29/2016 09:14 Calibration ID: 58116

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-393396/2	3F003733.D
Level 2	STD2 460-393396/3	3F003734.D
Level 3	STD3 460-393396/4	3F003735.D
Level 4	STD4 460-393396/5	3F003736.D
Level 5	STD5 460-393396/6	3F003737.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Mineral Spirits	1.546	1.546	1.546	1.546	1.546						0.580 - 2.512	1.546
o-Terphenyl	3.450	3.451	3.458	3.455	3.461						3.408 - 3.508	3.455

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-141953-1 Analy Batch No.: 393396

SDG No.: _____

Instrument ID: CBNAGC3 GC Column: Rtx-Mineral ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2016 08:34 Calibration End Date: 09/29/2016 09:14 Calibration ID: 58116

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-393396/2	3F003733.D
Level 2	STD2 460-393396/3	3F003734.D
Level 3	STD3 460-393396/4	3F003735.D
Level 4	STD4 460-393396/5	3F003736.D
Level 5	STD5 460-393396/6	3F003737.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
Mineral Spirits	27635 20464	24896	25268	23391	Ave		24330.6713				10.9		20.0			
o-Terphenyl	30529 27228	27032	29300	30532	Ave		28924.2990				5.9		20.0			

Note: The M1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-141953-1 Analy Batch No.: 393396

SDG No.: _____

Instrument ID: CBNAGC3 GC Column: Rtx-Mineral ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2016 08:34 Calibration End Date: 09/29/2016 09:14 Calibration ID: 58116

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-393396/2	3F003733.D
Level 2	STD2 460-393396/3	3F003734.D
Level 3	STD3 460-393396/4	3F003735.D
Level 4	STD4 460-393396/5	3F003736.D
Level 5	STD5 460-393396/6	3F003737.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Mineral Spirits	Ave	1381746	12447982	25268209	58476761	102317795	50.0	500	1000	2500	5000
o-Terphenyl	Ave	61057	540644	1172004	3053234	5445671	2.00	20.0	40.0	100	200

Curve Type Legend:

Ave = Average

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003733.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 29-Sep-2016 08:34:06 ALS Bottle#: 5 Worklist Smp#: 2
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0046133-002
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 29-Sep-2016 09:32:07 Calib Date: 29-Sep-2016 09:14:00
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: XAWRK032

First Level Reviewer: nimerd

Date: 29-Sep-2016 09:11:22

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits M
 1.546 (0.580-2.512) 1381746 50.0 56.8 M
 \$ 2 o-Terphenyl
 3.450 3.458 -0.008 61057 2.00 2.11

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG105MinL1_00007 Amount Added: 1.00 Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003733.D

Injection Date: 29-Sep-2016 08:34:06

Instrument ID: CBNAGC3

Lims ID: STD1

Client ID:

Operator ID: 615

ALS Bottle#: 5

Worklist Smp#: 2

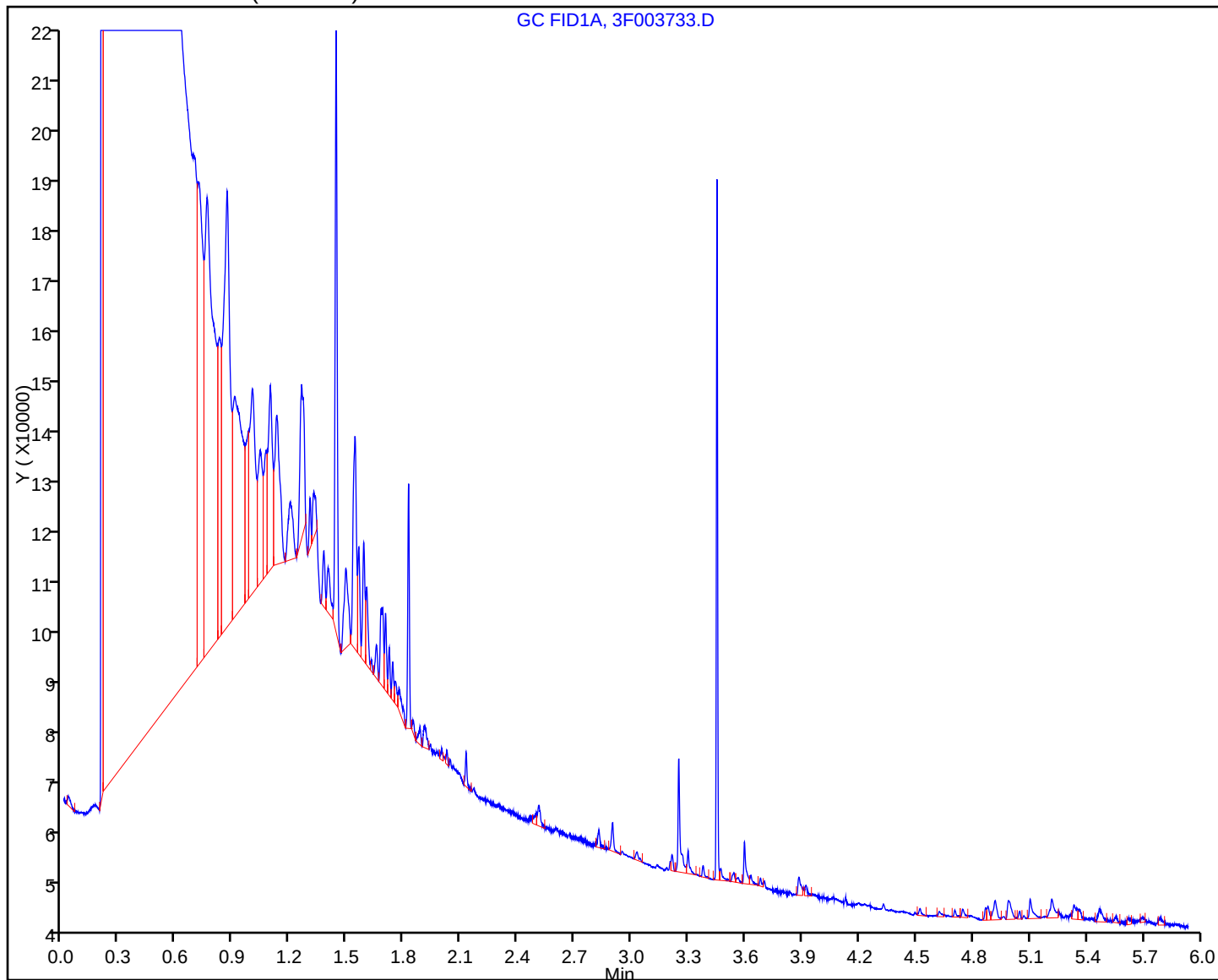
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003733.D

Injection Date: 29-Sep-2016 08:34:06

Instrument ID: CBNAGC3

Lims ID: STD1

Client ID:

Operator ID: 615

ALS Bottle#:

5

Worklist Smp#: 2

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: MS3F

Limit Group:

GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

Detector

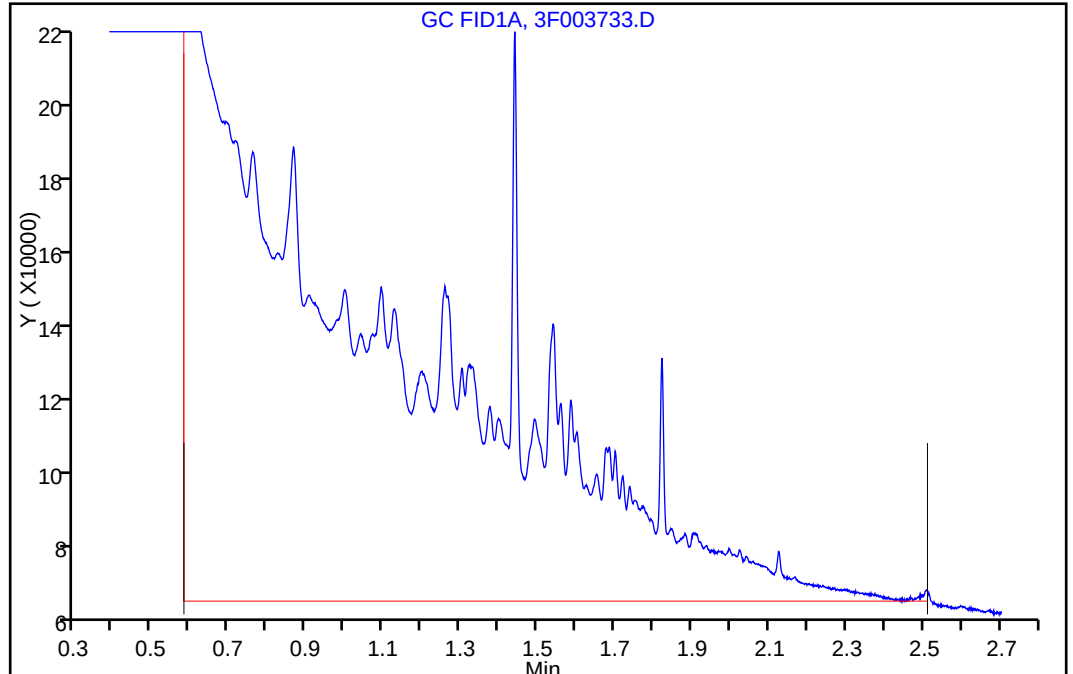
GC FID1A

A 1 Mineral Spirits, RT: 1.546, CAS: 64475-85-0

Signal: 1

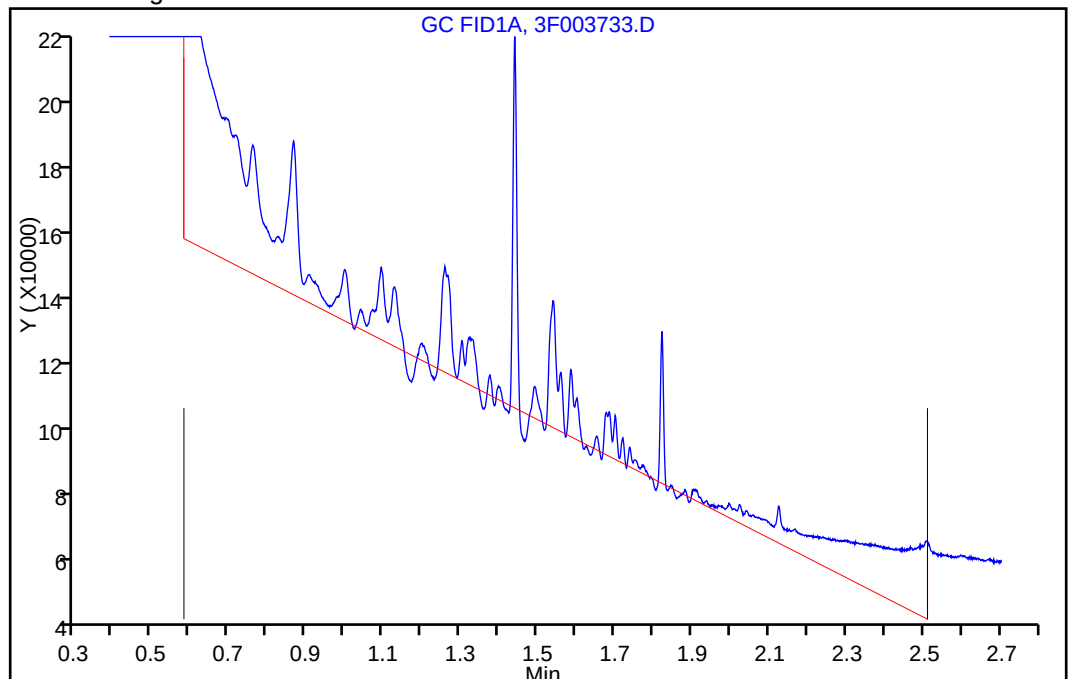
RT: 1.55
Response: 5479999
Amount: 119.6801

Processing Integration Results



RT: 1.55
Response: 1381746
Amount: 56.790295

Manual Integration Results



Reviewer: nimerd, 29-Sep-2016 09:21:03

Audit Action: Manually Integrated

Audit Reason: Baseline Smoothing

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003734.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 29-Sep-2016 08:44:12 ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046133-003
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-MS3F*sub1
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 29-Sep-2016 09:32:09 Calib Date: 29-Sep-2016 09:14:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK032

First Level Reviewer: nimerd

Date: 29-Sep-2016 09:12:09

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.546 (0.580-2.512) 12447982 500.0 511.6

\$ 2 o-Terphenyl

3.451 3.458 -0.007 540644 20.0 18.7

Reagents:

SG105MinL2_00006

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003734.D

Injection Date: 29-Sep-2016 08:44:12

Instrument ID: CBNAGC3

Lims ID: STD2

Client ID:

Operator ID: 615

ALS Bottle#: 6

Worklist Smp#: 3

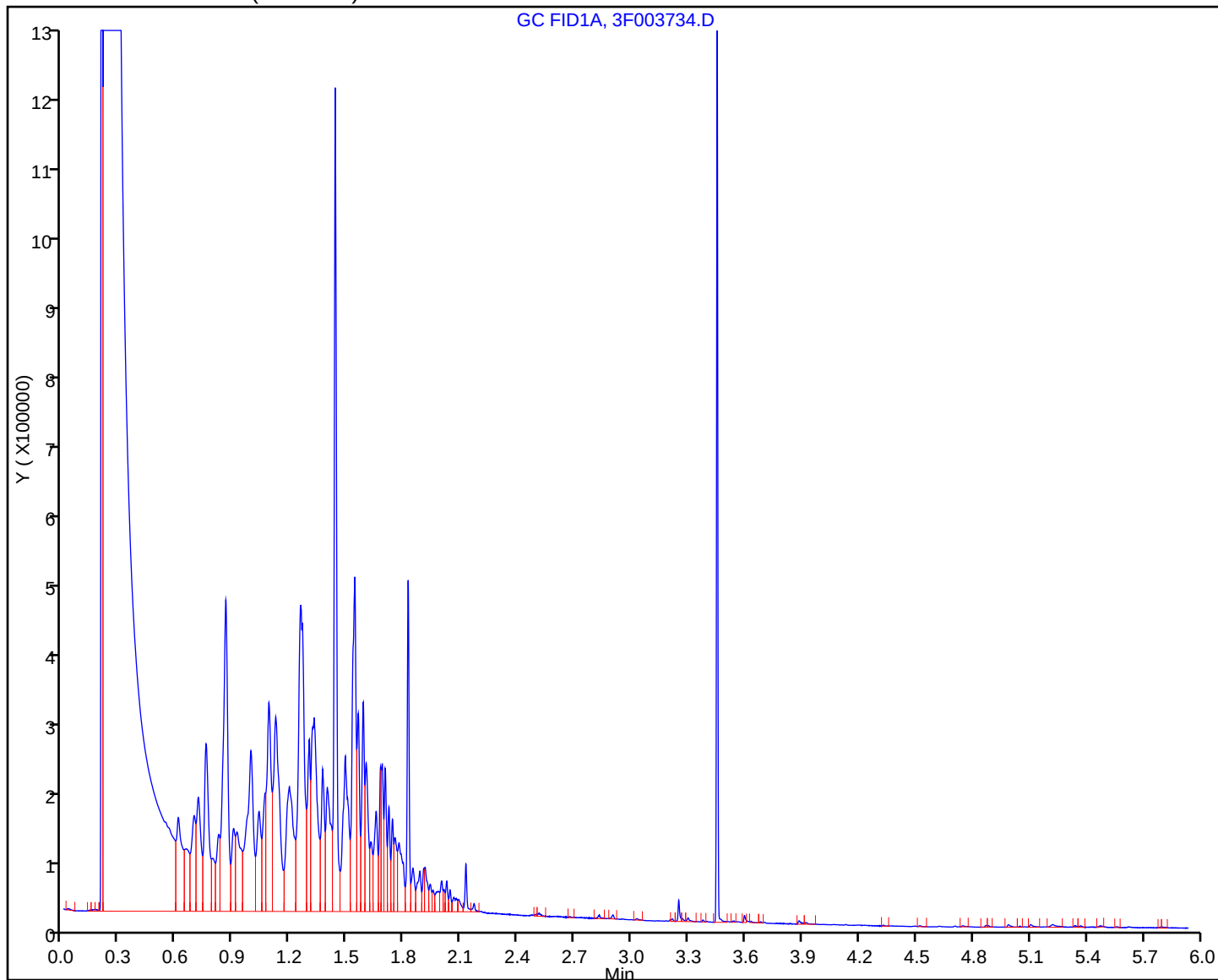
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003735.D
 Lims ID: STD3
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 29-Sep-2016 08:54:10 ALS Bottle#: 7 Worklist Smp#: 4
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0046133-004
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 29-Sep-2016 09:32:10 Calib Date: 29-Sep-2016 09:14:00
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: XAWRK032

First Level Reviewer: nimerd

Date: 29-Sep-2016 09:10:58

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.546	(0.580-2.512)	25268209	1000.0	1038.5

\$ 2 o-Terphenyl

3.458	3.458	0.000	1172004	40.0	40.5

Reagents:

SG105MinL3_00006

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003735.D

Injection Date: 29-Sep-2016 08:54:10

Instrument ID: CBNAGC3

Lims ID: STD3

Client ID:

Operator ID: 615

ALS Bottle#: 7

Worklist Smp#: 4

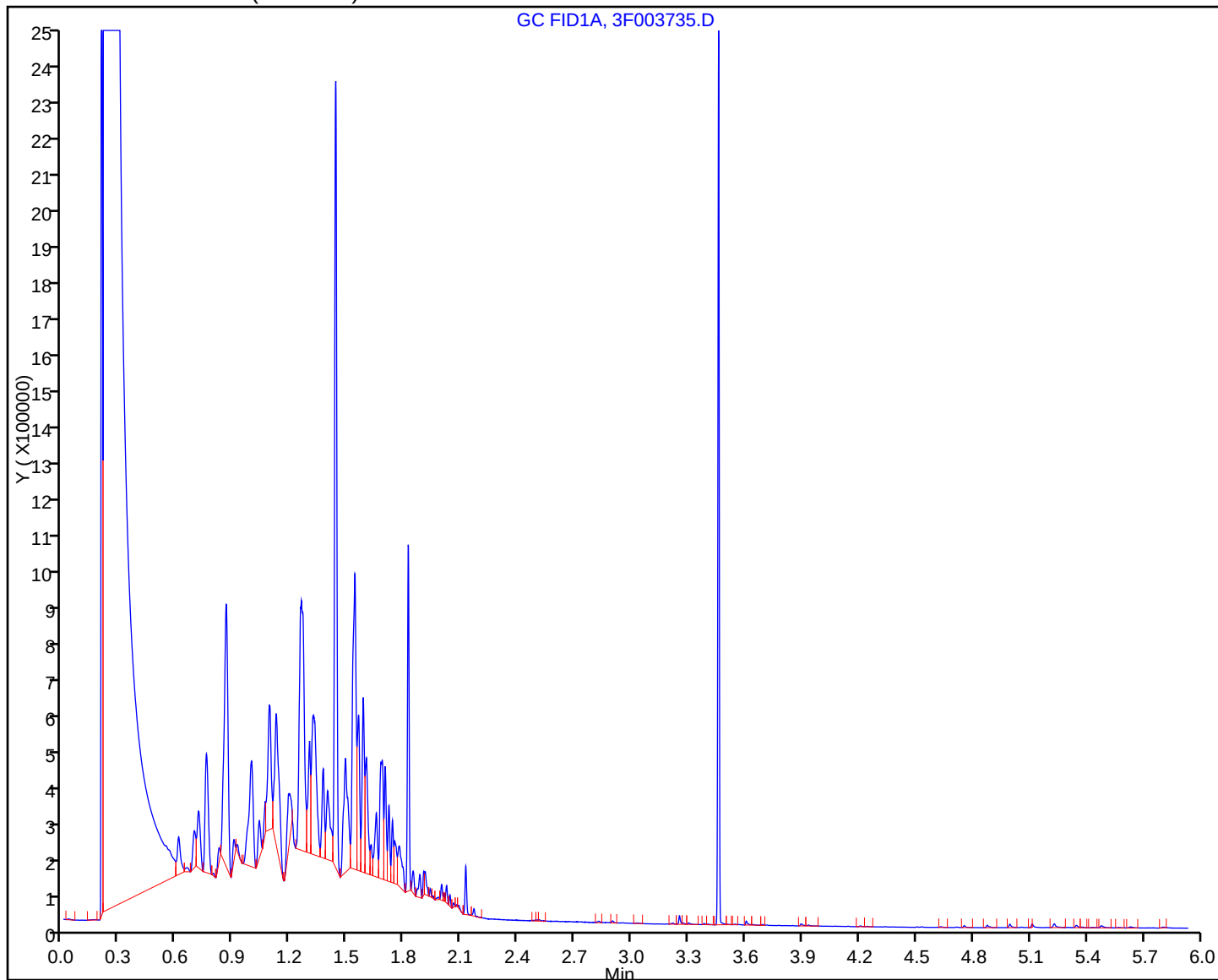
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003736.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 29-Sep-2016 09:04:07 ALS Bottle#: 8 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046133-005
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-MS3F*sub1
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 29-Sep-2016 09:32:12 Calib Date: 29-Sep-2016 09:14:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK032

First Level Reviewer: nimerd

Date: 29-Sep-2016 09:11:37

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.546 (0.580-2.512) 58476761 2500.0 2403.4

\$ 2 o-Terphenyl

3.455 3.458 -0.003 3053234 100.0 105.6

Reagents:

SG105MinL4_00006

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003736.D

Injection Date: 29-Sep-2016 09:04:07

Instrument ID: CBNAGC3

Lims ID: STD4

Client ID:

Operator ID: 615

ALS Bottle#: 8

Worklist Smp#: 5

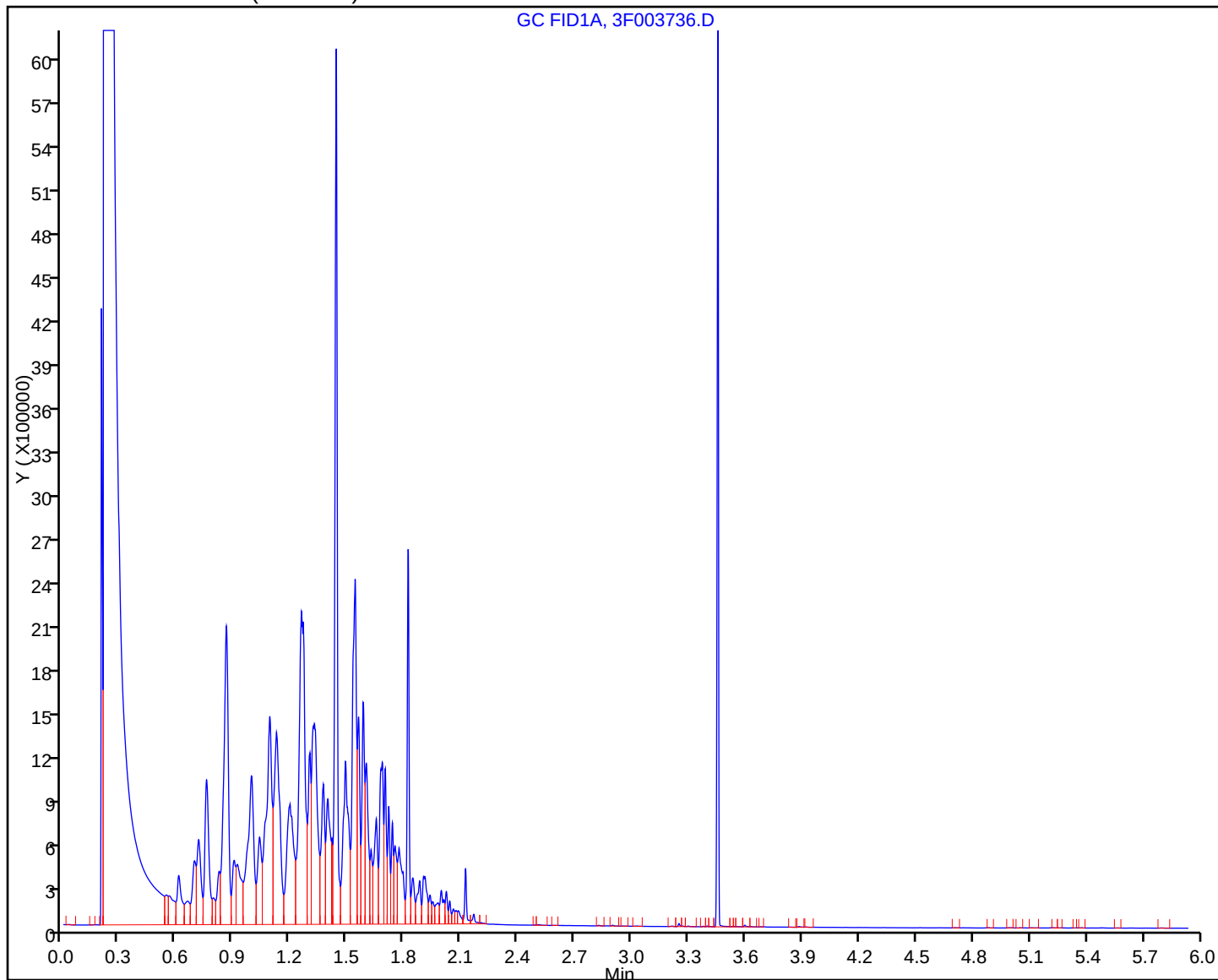
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 29-Sep-2016 09:14:00 ALS Bottle#: 9 Worklist Smp#: 6
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0046133-006
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 29-Sep-2016 09:32:13 Calib Date: 29-Sep-2016 09:14:00
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: XAWRK032

First Level Reviewer: nimerd

Date: 29-Sep-2016 09:21:49

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.546	(0.580-2.512)	102317795	5000.0	4205.3

\$ 2 o-Terphenyl

3.461	3.458	0.003	5445671	200.0	188.3

Reagents:

SG105MinL5_00006

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D

Injection Date: 29-Sep-2016 09:14:00

Instrument ID: CBNAGC3

Lims ID: STD5

Client ID:

Operator ID: 615

ALS Bottle#: 9

Worklist Smp#: 6

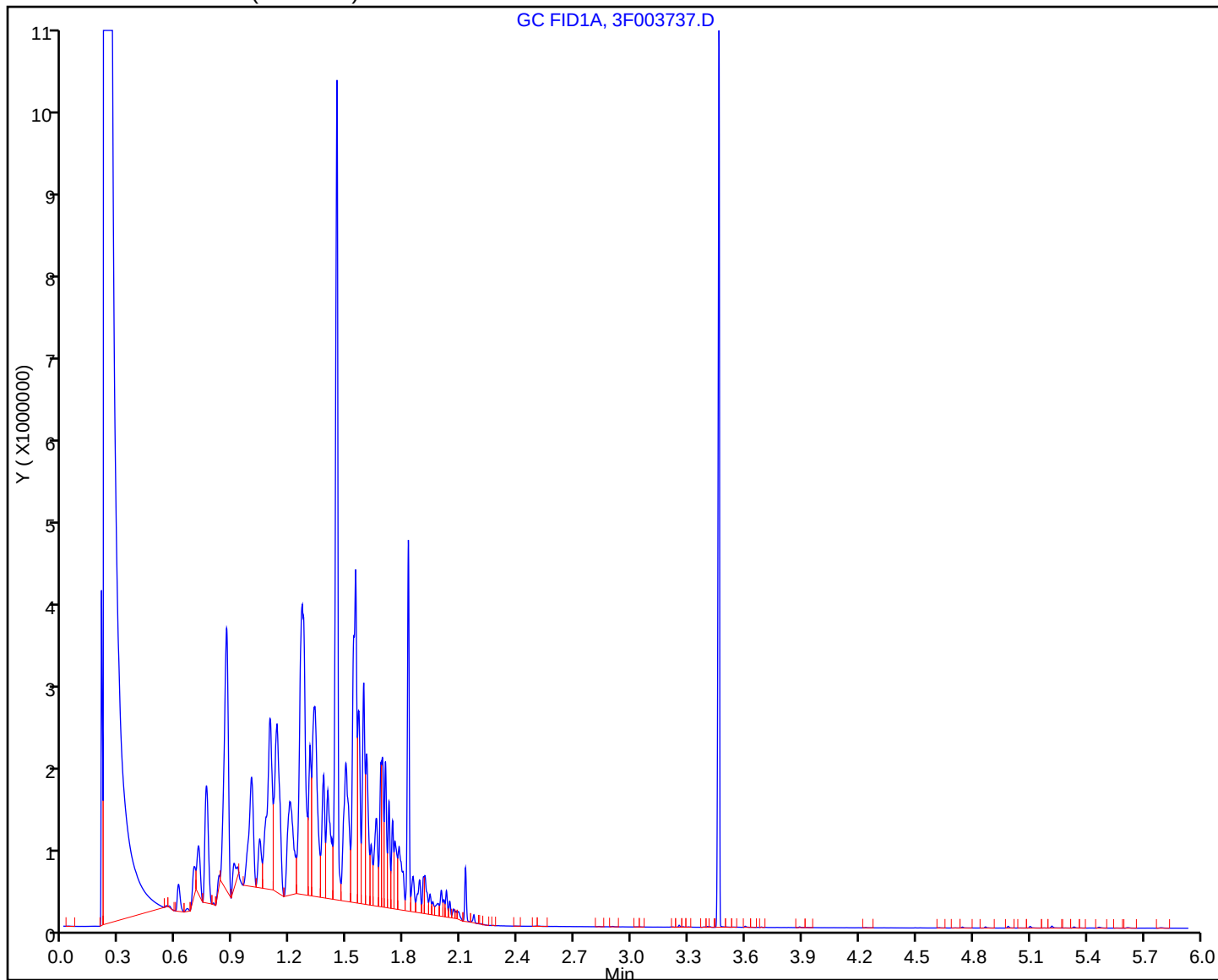
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-141953-1
SDG No.: _____
Lab Sample ID: CCV 460-466819/2 Calibration Date: 10/04/2017 09:31
Instrument ID: CBNAGC3 Calib Start Date: 09/29/2016 08:34
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 09/29/2016 09:14
Lab File ID: 3F011953.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Mineral Spirits	Ave	24331	21976		903	1000	-9.7	20.0
o-Terphenyl	Ave	28924	23517		32.5	40.0	-18.7	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-141953-1
SDG No.: _____
Lab Sample ID: CCV 460-466819/2 Calibration Date: 10/04/2017 09:31
Instrument ID: CBNAGC3 Calib Start Date: 09/29/2016 08:34
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 09/29/2016 09:14
Lab File ID: 3F011953.D

Analyte	RT	RT WINDOW	
		FROM	TO
Mineral Spirits	1.51	0.51	2.51
o-Terphenyl	3.40	3.35	3.45

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011953.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 04-Oct-2017 09:31:08 ALS Bottle#: 5 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0061313-002
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-MS3F*sub1
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 04-Oct-2017 12:01:36 Calib Date: 29-Sep-2016 09:14:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK030

First Level Reviewer: kouadios

Date: 04-Oct-2017 09:46:13

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.509 (0.507-2.510) 21976142 1000.0 903.2

\$ 2 o-Terphenyl

M

3.397 3.397 0.000 940686 40.0 32.5 M

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG105MinL3_00009

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011953.D

Injection Date: 04-Oct-2017 09:31:08

Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

Operator ID: 615

ALS Bottle#: 5

Worklist Smp#: 2

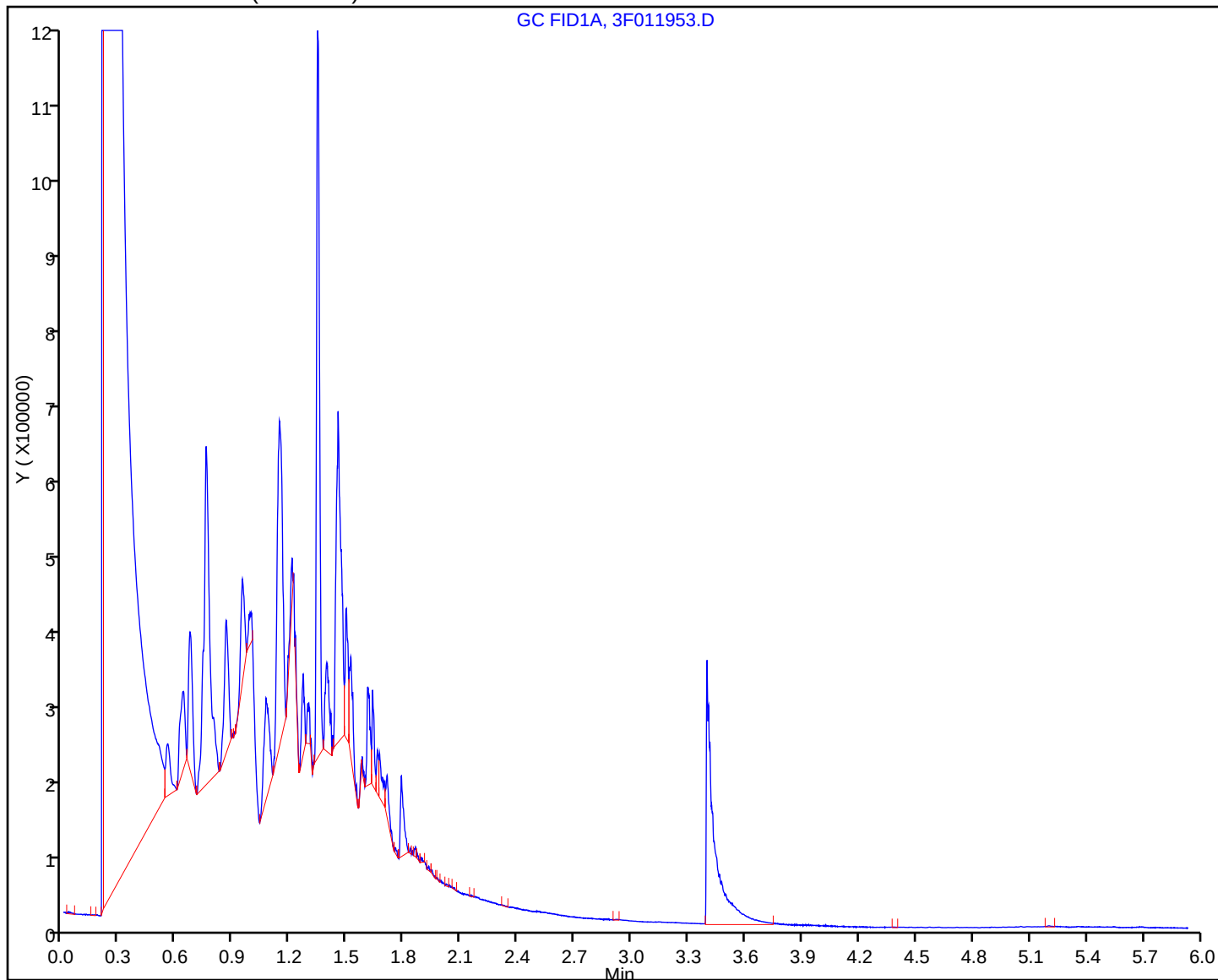
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



TestAmerica Edison

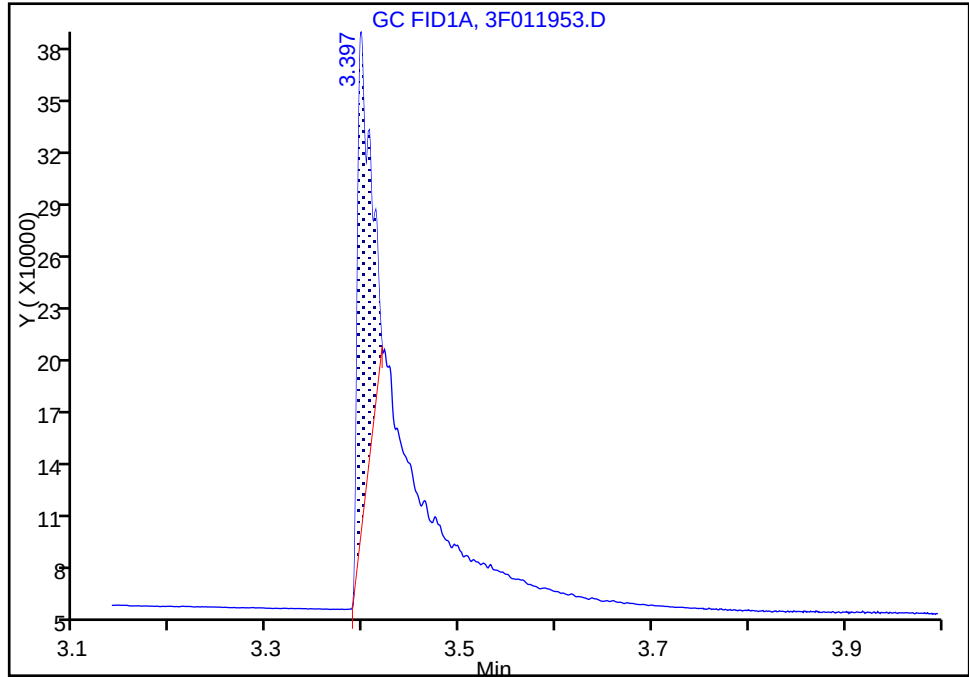
Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011953.D
Injection Date: 04-Oct-2017 09:31:08 Instrument ID: CBNAGC3
Lims ID: CCV
Client ID:
Operator ID: 615 ALS Bottle#: 5 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: MS3F Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm) Detector: GC FID1A

\$ 2 o-Terphenyl, CAS: 84-15-1

Signal: 1

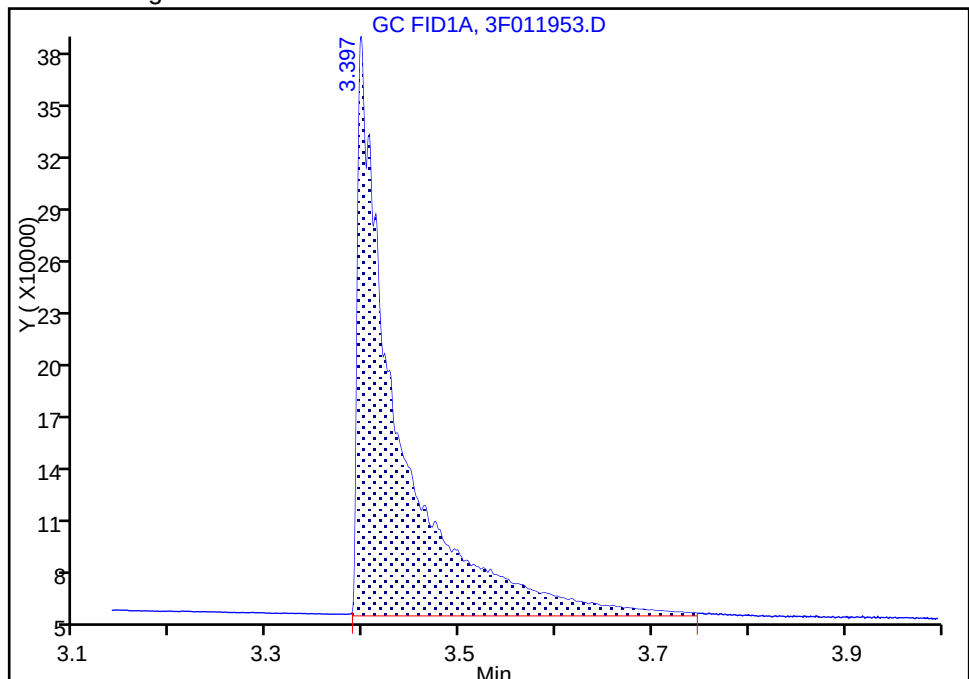
RT: 3.40
Area: 261511
Amount: 9.041222
Amount Units: ug/ml

Processing Integration Results



RT: 3.40
Area: 940686
Amount: 32.522344
Amount Units: ug/ml

Manual Integration Results



Reviewer: nimerd, 04-Oct-2017 10:29:58

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-141953-1
SDG No.: _____
Lab Sample ID: CCV 460-466819/14 Calibration Date: 10/04/2017 13:18
Instrument ID: CBNAGC3 Calib Start Date: 09/29/2016 08:34
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 09/29/2016 09:14
Lab File ID: 3F011965.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Mineral Spirits	Ave	24331	20310		835	1000	-16.5	20.0
o-Terphenyl	Ave	28924	25055		34.6	40.0	-13.4	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-141953-1
SDG No.: _____
Lab Sample ID: CCV 460-466819/14 Calibration Date: 10/04/2017 13:18
Instrument ID: CBNAGC3 Calib Start Date: 09/29/2016 08:34
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 09/29/2016 09:14
Lab File ID: 3F011965.D

Analyte	RT	RT WINDOW	
		FROM	TO
Mineral Spirits	1.51	0.51	2.51
o-Terphenyl	3.38	3.35	3.45

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011965.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 04-Oct-2017 13:18:45 ALS Bottle#: 5 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0061313-014
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-MS3F*sub1
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 04-Oct-2017 14:22:25 Calib Date: 29-Sep-2016 09:14:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK030

First Level Reviewer: kouadios

Date: 04-Oct-2017 14:21:18

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.509 (0.507-2.510) 20309974 1000.0 834.7

\$ 2 o-Terphenyl

M

3.383 3.397 -0.014 1002211 40.0 34.6 M

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG105MinL3_00009

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011965.D

Injection Date: 04-Oct-2017 13:18:45

Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

Operator ID: 615

ALS Bottle#: 5

Worklist Smp#: 14

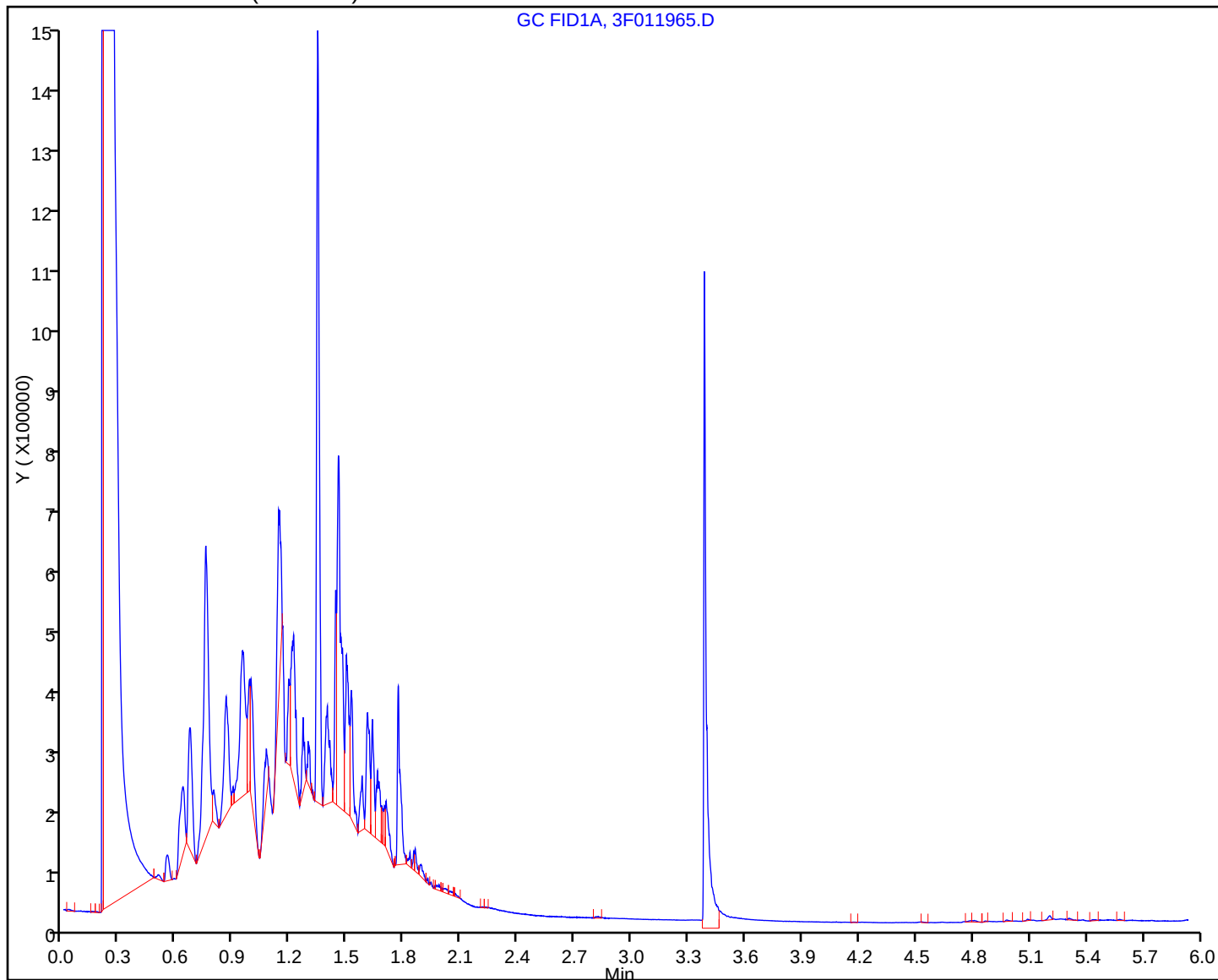
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



TestAmerica Edison

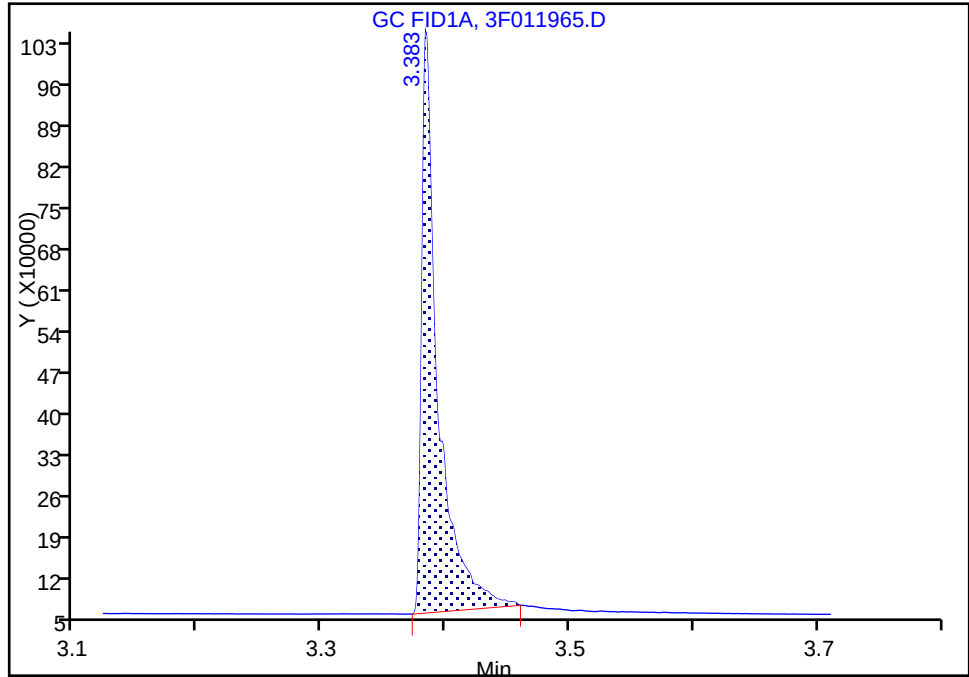
Data File:	\\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011965.D		
Injection Date:	04-Oct-2017 13:18:45	Instrument ID:	CBNAGC3
Lims ID:	CCV		
Client ID:			
Operator ID:	615	ALS Bottle#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	MS3F	Limit Group:	GC 8015C DRO ICAL
Column:	Rtx Mineral Oil (0.32 mm)	Detector:	GC FID1A
		Worklist Smp#:	14

\$ 2 o-Terphenyl, CAS: 84-15-1

Signal: 1

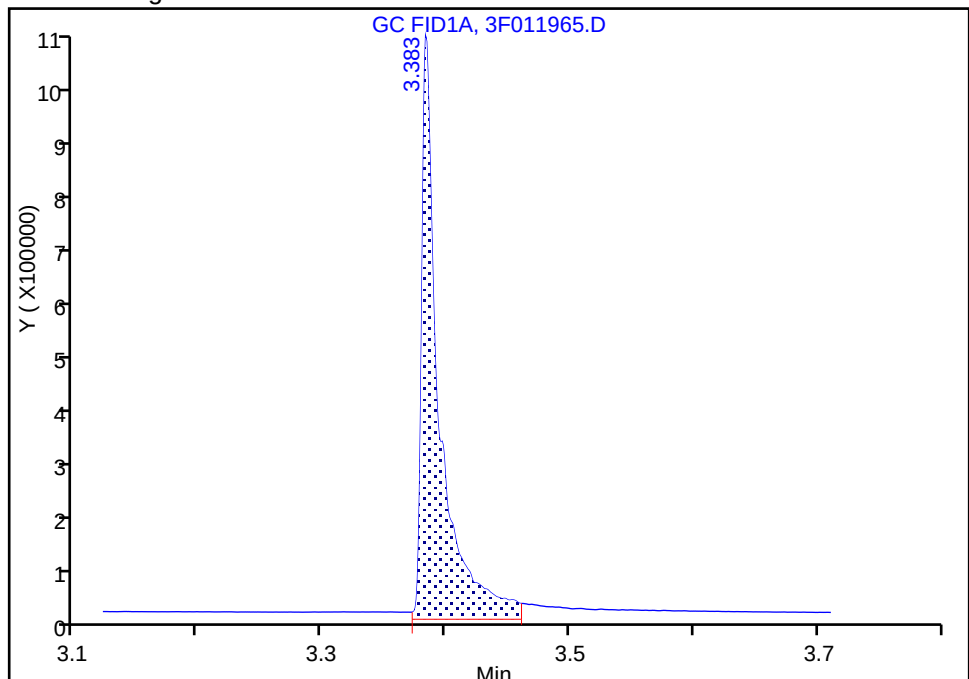
RT: 3.38
Area: 897222
Amount: 31.019663
Amount Units: ug/ml

Processing Integration Results



RT: 3.38
Area: 1002211
Amount: 34.649448
Amount Units: ug/ml

Manual Integration Results



Reviewer: kouadios, 04-Oct-2017 14:22:08
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-141953-1
SDG No.: _____
Lab Sample ID: CCV 460-466819/26 Calibration Date: 10/04/2017 16:18
Instrument ID: CBNAGC3 Calib Start Date: 09/29/2016 08:34
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 09/29/2016 09:14
Lab File ID: 3F011977.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Mineral Spirits	Ave	24331	20921		860	1000	-14.0	20.0
o-Terphenyl	Ave	28924	24553		34.0	40.0	-15.1	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-141953-1
SDG No.: _____
Lab Sample ID: CCV 460-466819/26 Calibration Date: 10/04/2017 16:18
Instrument ID: CBNAGC3 Calib Start Date: 09/29/2016 08:34
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 09/29/2016 09:14
Lab File ID: 3F011977.D

Analyte	RT	RT WINDOW	
		FROM	TO
Mineral Spirits	1.51	0.51	2.51
o-Terphenyl	3.39	3.35	3.45

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011977.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 04-Oct-2017 16:18:16 ALS Bottle#: 5 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0061313-026
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-MS3F*sub1
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 05-Oct-2017 07:18:14 Calib Date: 29-Sep-2016 09:14:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK029

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits
1.509 (0.507-2.510) 20921141 1000.0 859.9

\$ 2 o-Terphenyl
3.386 3.397 -0.011 982112 40.0 34.0

Reagents:

SG105MinL3_00009 Amount Added: 1.00 Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011977.D

Injection Date: 04-Oct-2017 16:18:16

Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

Operator ID: 615

ALS Bottle#: 5

Worklist Smp#: 26

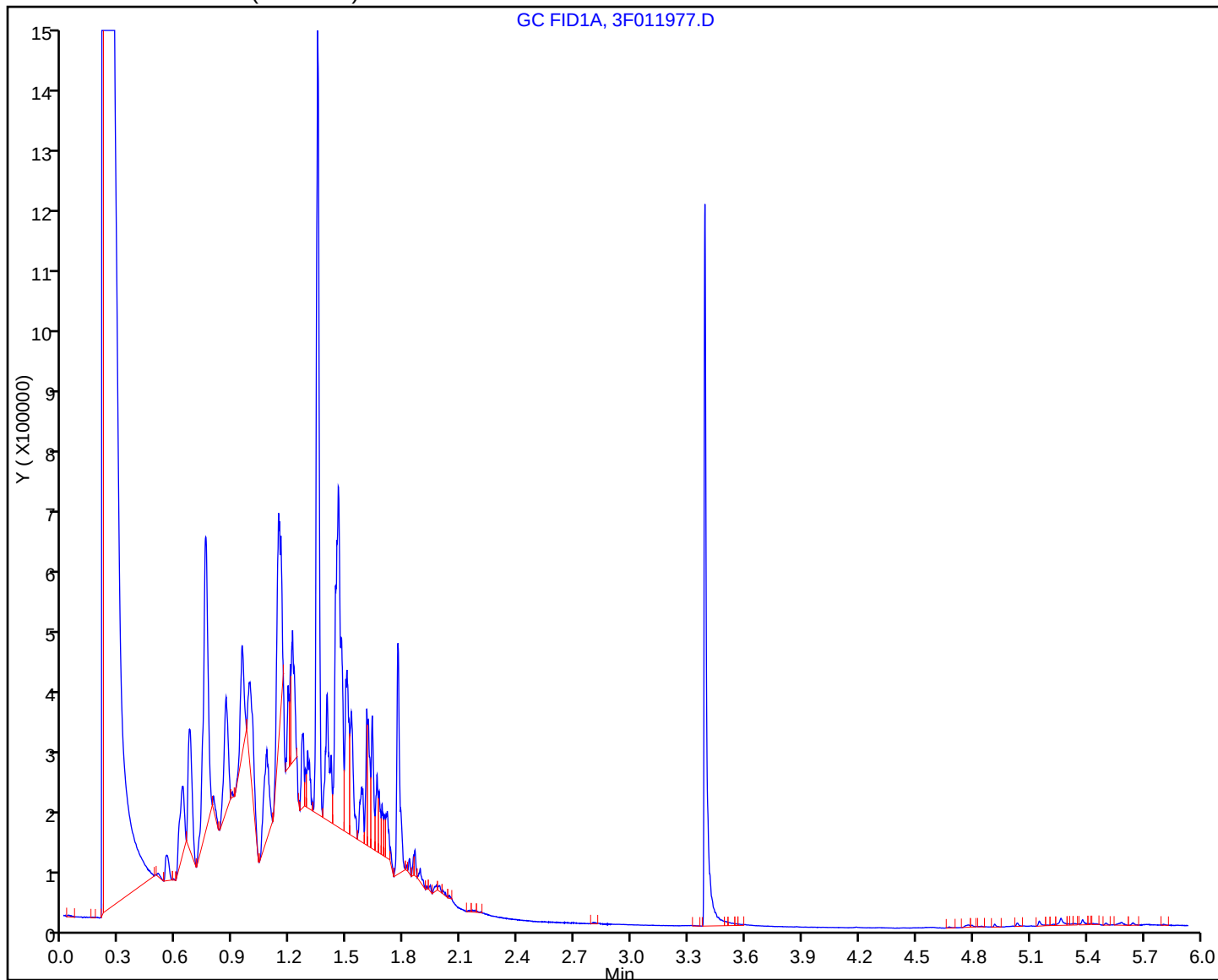
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-466313/1-A
Matrix: Water Lab File ID: 3F011954.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: 3510C Date Extracted: 10/02/2017 07:18
Sample wt/vol: 1000 (mL) Date Analyzed: 10/04/2017 11:26
Con. Extract Vol.: 1 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 466819 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	50	U	50	6.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	68		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011954.D
Lims ID: MB 460-466313/1-A
Client ID:
Sample Type: MB
Inject. Date: 04-Oct-2017 11:26:04 ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0061313-003
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 04-Oct-2017 12:01:36 Calib Date: 29-Sep-2016 09:14:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK030

First Level Reviewer: kouadios

Date: 04-Oct-2017 11:58:58

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.399	3.397	0.002	394686	20.0	13.6	

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011954.D

Injection Date: 04-Oct-2017 11:26:04

Instrument ID: CBNAGC3

Lims ID: MB 460-466313/1-A

Client ID:

Operator ID: 615

ALS Bottle#: 6

Worklist Smp#: 3

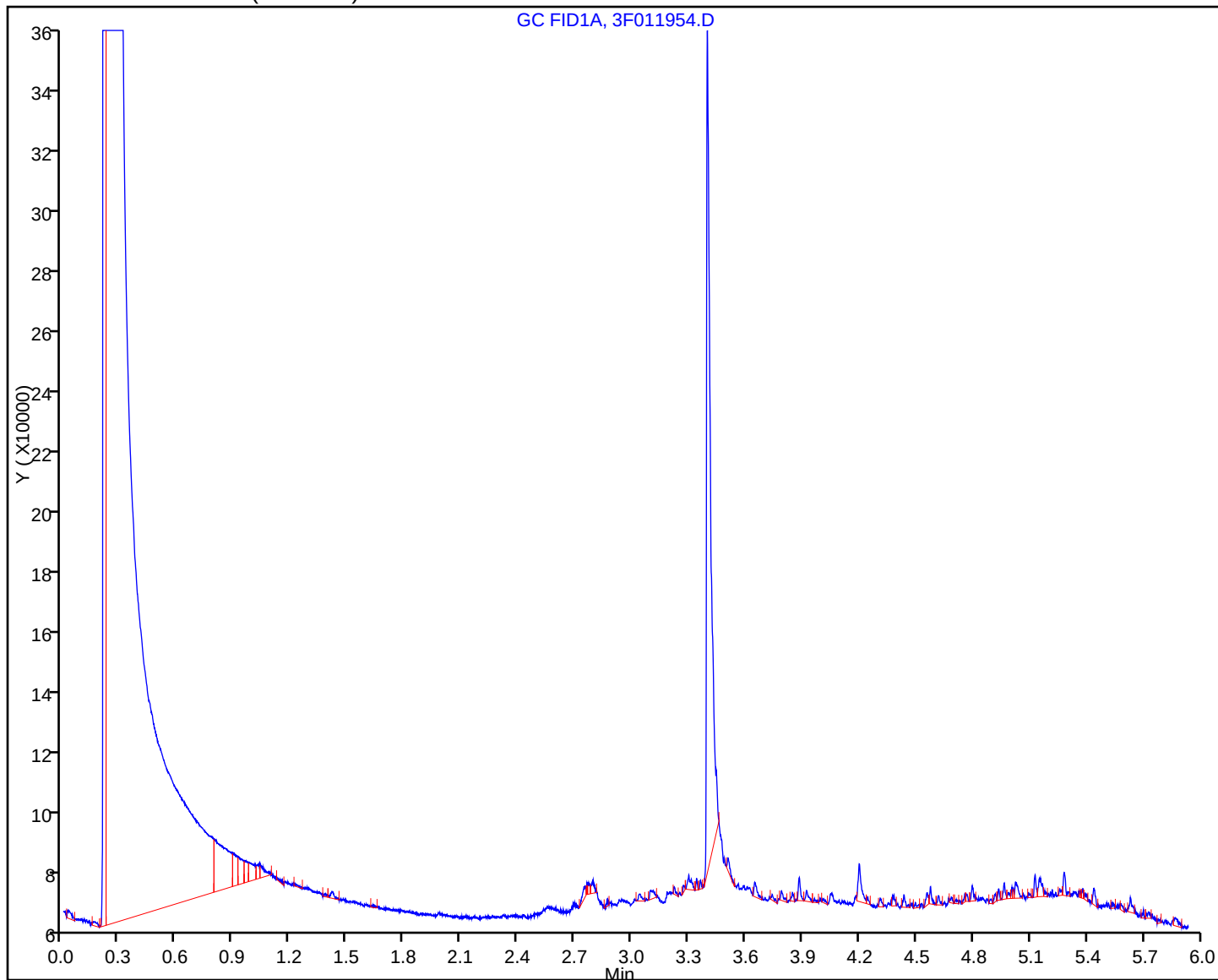
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: PIBLK 460-466819/1
Matrix: Water Lab File ID: 3F011952.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 1(mL) Date Analyzed: 10/04/2017 09:20
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 1(uL) GC Column: Rtx-Mineral Oil ID: 0.32(mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 466819 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	0.050	U	0.050	0.026

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	88		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011952.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 04-Oct-2017 09:20:43 ALS Bottle#: 4 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0061313-001
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 04-Oct-2017 12:01:27 Calib Date: 29-Sep-2016 09:14:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK030

First Level Reviewer: kouadios

Date: 04-Oct-2017 09:46:04

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl
3.387 3.397 -0.010 1019927 40.0 35.3

Reagents:

SGPIBLKDRO_00013 Amount Added: 1.00 Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011952.D

Injection Date: 04-Oct-2017 09:20:43

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 4

Worklist Smp#: 1

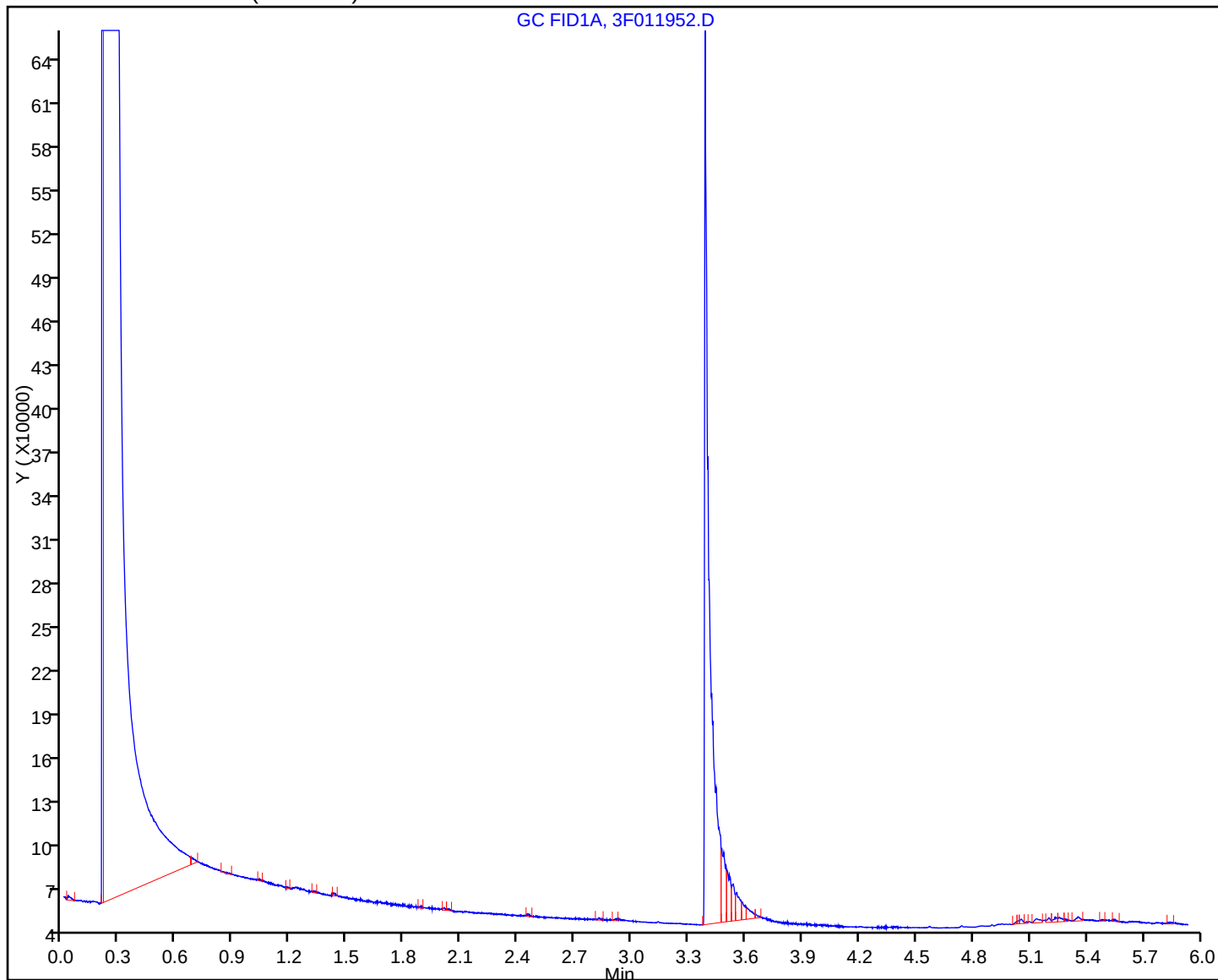
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: PIBLK 460-466819/13
Matrix: Water Lab File ID: 3F011964.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 1(mL) Date Analyzed: 10/04/2017 13:08
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 1(uL) GC Column: Rtx-Mineral Oil ID: 0.32(mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 466819 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	0.050	U	0.050	0.026

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	113		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011964.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 04-Oct-2017 13:08:30 ALS Bottle#: 4 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0061313-013
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 04-Oct-2017 13:16:32 Calib Date: 29-Sep-2016 09:14:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK030

First Level Reviewer: kouadlos

Date: 04-Oct-2017 13:16:32

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl
3.379 3.397 -0.018 1309012 40.0 45.3

Reagents:

SGPIBLKDRO_00013 Amount Added: 1.00 Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011964.D

Injection Date: 04-Oct-2017 13:08:30

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 4

Worklist Smp#: 13

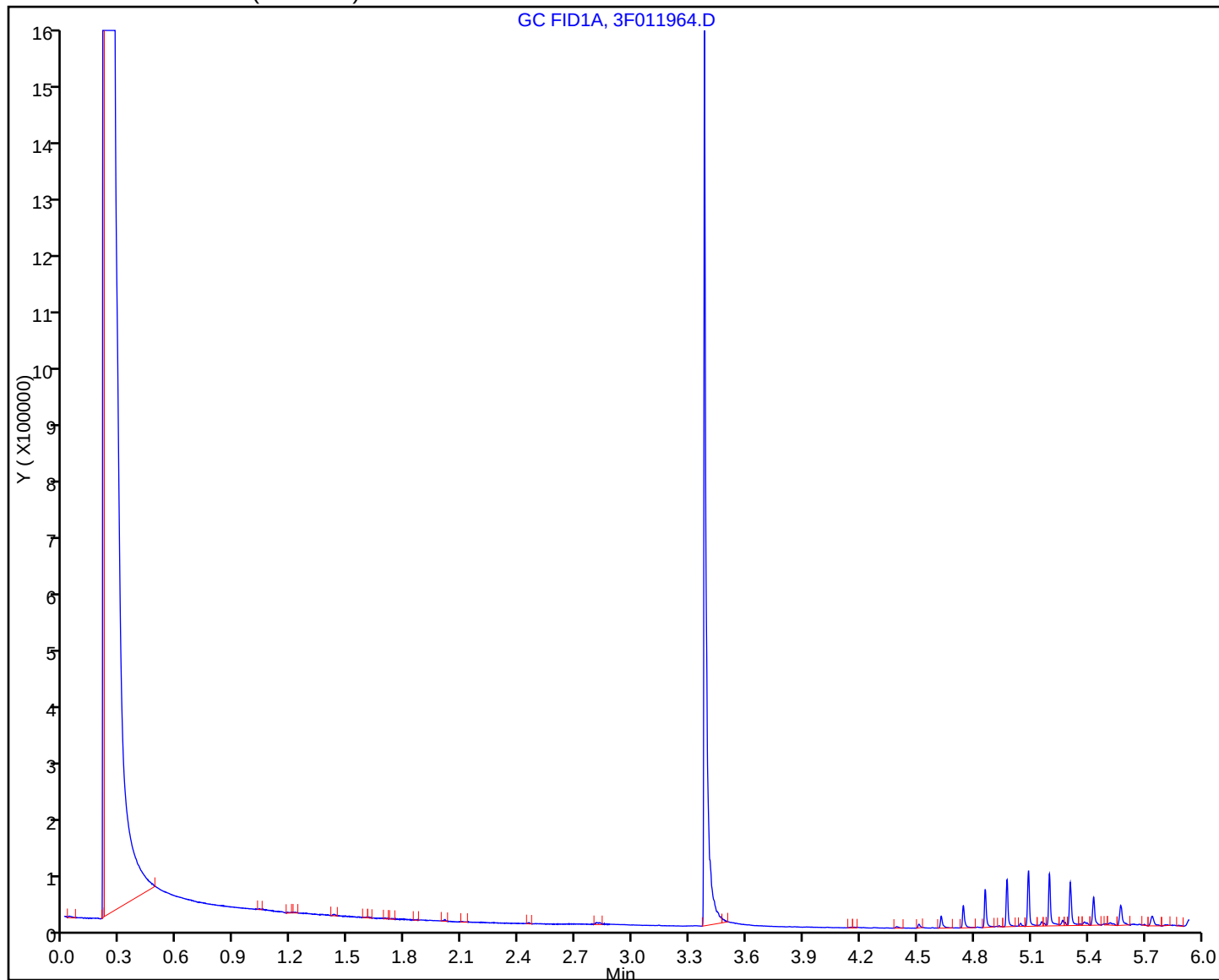
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-466819/25
 Matrix: Water Lab File ID: 3F011976.D
 Analysis Method: 8015D Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: 1(mL) Date Analyzed: 10/04/2017 16:08
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: Rtx-Mineral Oil ID: 0.32(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 466819 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	0.050	U	0.050	0.026

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	115		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011976.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 04-Oct-2017 16:08:00 ALS Bottle#: 4 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0061313-025
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 05-Oct-2017 07:17:53 Calib Date: 29-Sep-2016 09:14:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK029

First Level Reviewer: adoum

Date: 04-Oct-2017 16:48:17

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl
3.376 3.397 -0.021 1329356 40.0 46.0

Reagents:

SGPIBLKDRO_00013 Amount Added: 1.00 Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011976.D

Injection Date: 04-Oct-2017 16:08:00

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 4

Worklist Smp#: 25

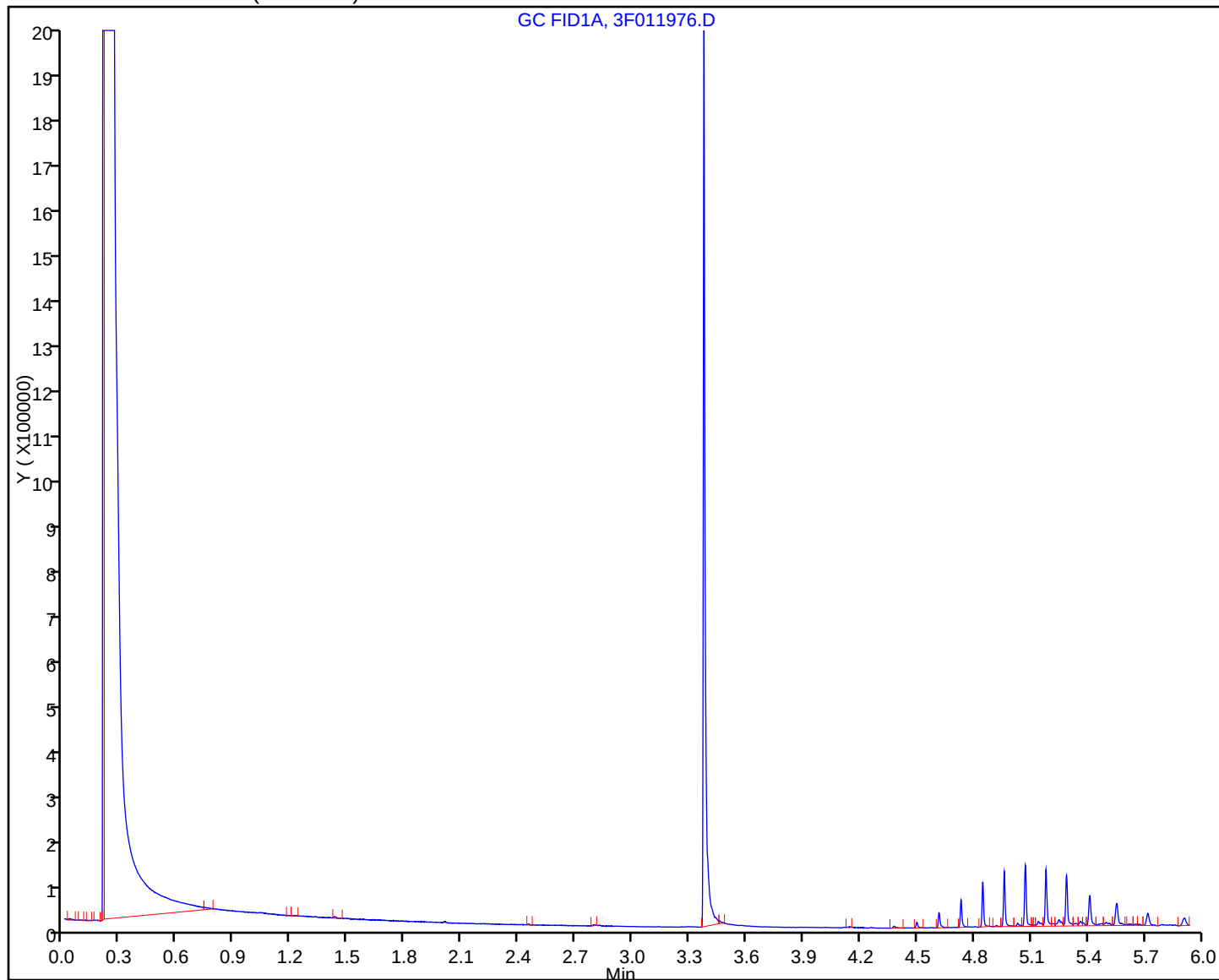
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-466313/2-A
Matrix: Water Lab File ID: 3F011955.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: 3510C Date Extracted: 10/02/2017 07:18
Sample wt/vol: 1000 (mL) Date Analyzed: 10/04/2017 11:36
Con. Extract Vol.: 1 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 466819 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	1900		50	6.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	55		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011955.D
Lims ID: LCS 460-466313/2-A
Client ID:
Sample Type: LCS
Inject. Date: 04-Oct-2017 11:36:11 ALS Bottle#: 7 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0061313-004
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 04-Oct-2017 12:01:36 Calib Date: 29-Sep-2016 09:14:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK030

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.509	(0.507-2.510)		46233389	2500.0	1900.2	

\$ 2 o-Terphenyl

3.408	3.397	0.011	319736	20.0	11.1	

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011955.D

Injection Date: 04-Oct-2017 11:36:11

Instrument ID: CBNAGC3

Lims ID: LCS 460-466313/2-A

Client ID:

Operator ID: 615

ALS Bottle#: 7

Worklist Smp#: 4

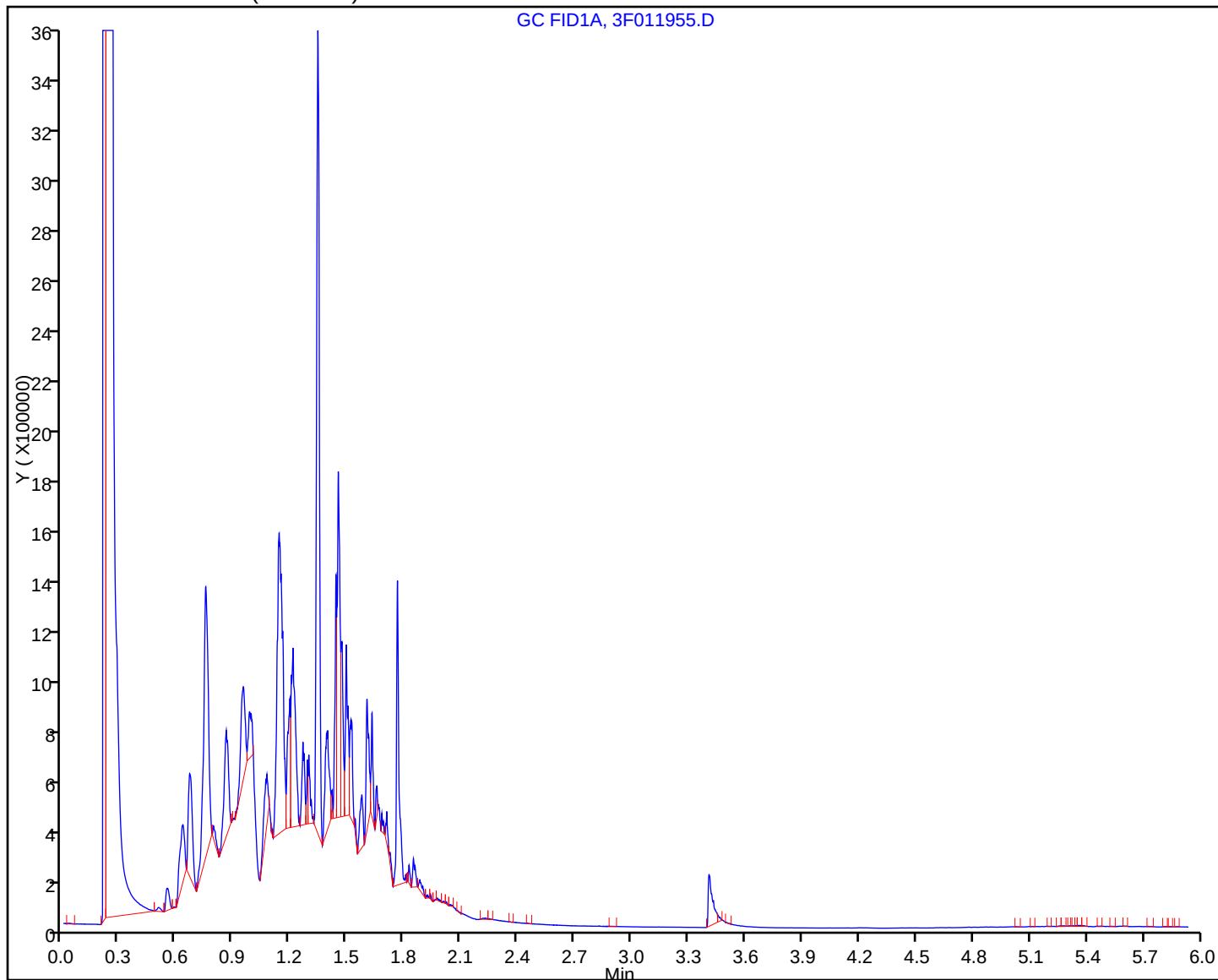
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCSD 460-466313/3-A
Matrix: Water Lab File ID: 3F011956.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: 3510C Date Extracted: 10/02/2017 07:18
Sample wt/vol: 1000 (mL) Date Analyzed: 10/04/2017 11:46
Con. Extract Vol.: 1 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 466819 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	1770		50	6.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	68		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011956.D
Lims ID: LCSD 460-466313/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 04-Oct-2017 11:46:15 ALS Bottle#: 8 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0061313-005
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 04-Oct-2017 12:01:36 Calib Date: 29-Sep-2016 09:14:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20160928-46133.b\3F003737.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK030

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.509	(0.507-2.510)		43100323	2500.0	1771.4	

\$ 2 o-Terphenyl

3.409	3.397	0.012	395745	20.0	13.7	

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20171004-61313.b\3F011956.D

Injection Date: 04-Oct-2017 11:46:15

Instrument ID: CBNAGC3

Lims ID: LCSD 460-466313/3-A

Client ID:

Operator ID: 615

ALS Bottle#: 8

Worklist Smp#: 5

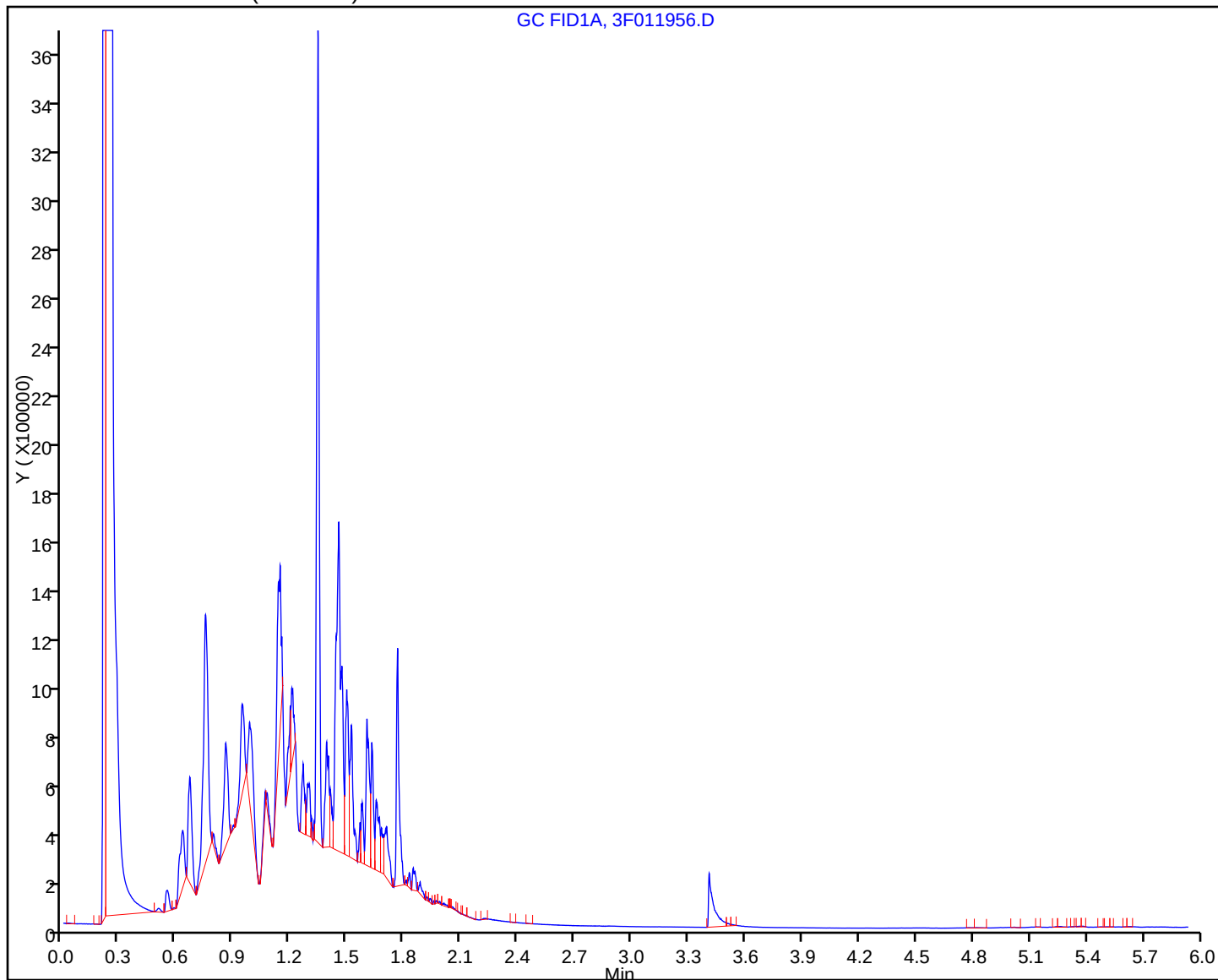
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-141953-1

SDG No.: _____

Instrument ID: CBNAGC3 Start Date: 09/29/2016 08:24Analysis Batch Number: 393396 End Date: 09/29/2016 09:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-393396/1		09/29/2016 08:24	1		Rtx-Mineral Oil 0.32 (mm)
STD1 460-393396/2 IC		09/29/2016 08:34	1	3F003733.D	Rtx-Mineral Oil 0.32 (mm)
STD2 460-393396/3 IC		09/29/2016 08:44	1	3F003734.D	Rtx-Mineral Oil 0.32 (mm)
STD3 460-393396/4 IC		09/29/2016 08:54	1	3F003735.D	Rtx-Mineral Oil 0.32 (mm)
STD4 460-393396/5 IC		09/29/2016 09:04	1	3F003736.D	Rtx-Mineral Oil 0.32 (mm)
STD5 460-393396/6 IC		09/29/2016 09:14	1	3F003737.D	Rtx-Mineral Oil 0.32 (mm)
ICV 460-393396/7		09/29/2016 09:23	1		Rtx-Mineral Oil 0.32 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-141953-1

SDG No.: _____

Instrument ID: CBNAGC3Start Date: 10/04/2017 09:20Analysis Batch Number: 466819End Date: 10/04/2017 17:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-466819/1		10/04/2017 09:20	1	3F011952.D	Rtx-Mineral Oil 0.32 (mm)
CCV 460-466819/2		10/04/2017 09:31	1	3F011953.D	Rtx-Mineral Oil 0.32 (mm)
MB 460-466313/1-A		10/04/2017 11:26	1	3F011954.D	Rtx-Mineral Oil 0.32 (mm)
LCS 460-466313/2-A		10/04/2017 11:36	1	3F011955.D	Rtx-Mineral Oil 0.32 (mm)
LCSD 460-466313/3-A		10/04/2017 11:46	1	3F011956.D	Rtx-Mineral Oil 0.32 (mm)
460-141953-1		10/04/2017 11:56	1	3F011957.D	Rtx-Mineral Oil 0.32 (mm)
460-141953-2		10/04/2017 12:06	1	3F011958.D	Rtx-Mineral Oil 0.32 (mm)
460-141953-3		10/04/2017 12:17	1	3F011959.D	Rtx-Mineral Oil 0.32 (mm)
460-141953-4		10/04/2017 12:27	1	3F011960.D	Rtx-Mineral Oil 0.32 (mm)
460-141953-5		10/04/2017 12:37	1	3F011961.D	Rtx-Mineral Oil 0.32 (mm)
460-141953-6		10/04/2017 12:48	1	3F011962.D	Rtx-Mineral Oil 0.32 (mm)
460-141953-7		10/04/2017 12:58	1	3F011963.D	Rtx-Mineral Oil 0.32 (mm)
PIBLK 460-466819/13		10/04/2017 13:08	1	3F011964.D	Rtx-Mineral Oil 0.32 (mm)
CCV 460-466819/14		10/04/2017 13:18	1	3F011965.D	Rtx-Mineral Oil 0.32 (mm)
460-141953-8		10/04/2017 14:26	1	3F011966.D	Rtx-Mineral Oil 0.32 (mm)
460-141953-9		10/04/2017 14:36	1	3F011967.D	Rtx-Mineral Oil 0.32 (mm)
460-141953-10		10/04/2017 14:46	1	3F011968.D	Rtx-Mineral Oil 0.32 (mm)
460-141953-11		10/04/2017 14:56	1	3F011969.D	Rtx-Mineral Oil 0.32 (mm)
460-141953-13		10/04/2017 15:06	1	3F011970.D	Rtx-Mineral Oil 0.32 (mm)
460-141953-14		10/04/2017 15:16	1	3F011971.D	Rtx-Mineral Oil 0.32 (mm)
460-141953-15		10/04/2017 15:27	1	3F011972.D	Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/04/2017 15:37	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/04/2017 15:47	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/04/2017 15:57	1		Rtx-Mineral Oil 0.32 (mm)
PIBLK 460-466819/25		10/04/2017 16:08	1	3F011976.D	Rtx-Mineral Oil 0.32 (mm)
CCV 460-466819/26		10/04/2017 16:18	1	3F011977.D	Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/04/2017 16:28	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/04/2017 16:38	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/04/2017 16:48	1		Rtx-Mineral Oil 0.32 (mm)
PIBLK 460-466819/30		10/04/2017 16:59	1		Rtx-Mineral Oil 0.32 (mm)
CCV 460-466819/31		10/04/2017 17:09	1		Rtx-Mineral Oil 0.32 (mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1

SDG No.: _____

Batch Number: 466313 Batch Start Date: 10/02/17 07:16 Batch Analyst: Wu, HuachiBatch Method: 3510C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OPDROSU 00029	SG 105 mi STD 00009	
MB 460-466313/1		3510C, 8015D		7	1000 mL	1 mL	1 mL		
LCS 460-466313/2		3510C, 8015D		7	1000 mL	1 mL	1 mL	0.05 mL	
LCSD 460-466313/3		3510C, 8015D		7	1000 mL	1 mL	1 mL	0.05 mL	
460-141953-E-1	GT-1	3510C, 8015D	T	7	990 mL	1 mL	1 mL		
460-141953-D-2	GT-2	3510C, 8015D	T	7	990 mL	1 mL	1 mL		
460-141953-D-3	GT-3	3510C, 8015D	T	6	990 mL	1 mL	1 mL		
460-141953-E-4	GT-5	3510C, 8015D	T	7	990 mL	1 mL	1 mL		
460-141953-D-5	GT-6	3510C, 8015D	T	7	990 mL	1 mL	1 mL		
460-141953-D-6	GT-7	3510C, 8015D	T	6	990 mL	1 mL	1 mL		
460-141953-D-7	VE-1R	3510C, 8015D	T	7	990 mL	1 mL	1 mL		
460-141953-E-8	VE-5	3510C, 8015D	T	7	990 mL	1 mL	1 mL		
460-141953-E-9	VP-A	3510C, 8015D	T	7	990 mL	1 mL	1 mL		
460-141953-E-10	VP-B	3510C, 8015D	T	7	990 mL	1 mL	1 mL		
460-141953-E-11	GW-DUP	3510C, 8015D	T	7	990 mL	1 mL	1 mL		
460-141953-E-13	Rinse Blank-1	3510C, 8015D	T	6	990 mL	1 mL	1 mL		
460-141953-D-14	Rinse Blank-2	3510C, 8015D	T	7	990 mL	1 mL	1 mL		
460-141953-D-15	DW-1	3510C, 8015D	T	7	990 mL	1 mL	1 mL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-141953-1

SDG No.: _____

Batch Number: 466313 Batch Start Date: 10/02/17 07:16 Batch Analyst: Wu, HuachiBatch Method: 3510C Batch End Date: _____

Batch Notes	
Batch Comment	DRO water Mineral spirit
Analyst ID - Concentration	Wuh
Final Concentrator Volume	1 mL
Na2SO4 ID	170860
Oven, Bath or Block Temperature 1	90
Prep Solvent ID	176561
Prep Solvent Name	Mec12
Prep Solvent Volume Used	180 mL
Person's name who did the prep	wuh
Analyst ID - Reagent Drop Witness	Diaa
Uncorrected N-evap Temperature	35 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

TestAmerica Shelton
12 Progress Drive
Shelton, CT 06484
Phone (203) 929-8140 Fax (203) 929-8142

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: Ed Brodzinski	Lab P/N: Haas, Melissa	Carrier Tracking No(s):	COC No: 460-35545-23035.1						
Client Contact: Stephen Fleming		Phone: (781) 206-6671	E-Mail: melissa.haas@testamerica.com		Page: Page 1 of 2						
Company: Safety Kleen		Job #: 141953									
Address: 4120 Thunderbird Lane		Due Date Requested:		Analysis Requested							
City: Fairfield		TAT Requested (days): 10 business days		Preservation Codes:							
State, Zip: OH, 45014		PO #:		A - HCl B - NaOH C - Zn Acetate D - Nitric Acid M - Hexane N - None O - AsNaO2 P - Na2OAS							
Phone: 513-956-2172		WO #:		date							
Email: stephen.fleming@safety-kleen.com		Project #:		460-141953 Chain of Custody							
Project Name: 2019 Safety-Kleen Amityville		SSOW#:		Special Instructions/Note: MSRO reporting limit = 50 ppb.							
Site: Safety Kleen Amityville											
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab, RT=Retain, Anal)	Matrix (V=Water, S=solid, O=soil, RT=Retain, Anal)	Field Filtered Sample (Yes or No)	Retention (MSRO) (Yes or No)	8260C VOC	8015D Mineral Spirits - Total	8015D Mineral Spirits - Dissolved	Total Number of
GT-1		9/26/17	1200	G	Water			X	X	X	1
GT-2		9/25/17	1600	G	Water			X	X	X	2
GT-3		9/25/17	1645	G	Water			X	X	X	3
GT-5		9/25/17	1745	G	Water			X	X	X	4
GT-6		9/26/17	0900	G	Water			X	X	X	5
GT-7		9/26/17	0805	G	Water			X	X	X	6
VE-1R		9/26/17	1255	G	Water			X	X	X	7
VE-5		9/26/17	0715	G	Water			X	X	X	8
VP-A		9/26/17	1005	G	Water			X	X	X	9
VP-B		9/26/17	1100	G	Water			X	X	X	10
GW-DUP		9/26/17	1200	G	Water			X	X	X	11
Possible Hazard Identification		☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		☐ Return To Client ☒ Disposal By Lab ☐ Archive For ☐ Months					
Deliverable Requested: I, II, III, IV, Other (Specify)		Special Instructions/QC Requirements: Samples for dissolved MSRO to be laboratory-filtered.									
Empty Kit Relinquished by:		Date/Time:	Date:	Time:	Method of Shipment:						
Relinquished by: Stephen Fleming		9/26/17 1500			Company: HAAS						
Relinquished by: [Signature]		9/26/17 1800			Company: [Signature]						
Relinquished by: [Signature]					Company: [Signature]						
Custody Seals Intact:		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:							
Δ Yes Δ No											

TestAmerica Shelton
12 Progress Drive
Shelton, CT 06484
Phone (203) 929-8140 Fax (203) 929-8142

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: <u>Ed Brodzinski</u>	Lab P#: <u>Haas, Melissa</u>	Carrier Tracking No(s):	COC No: <u>460-35545-23035.2</u>						
Client Contact: <u>Stephen Fleming</u>		Phone: <u>(800) 206-6671</u>	E-Mail: <u>melissa.haas@testamericainc.com</u>		Page: <u>Page 2 of 2</u>						
Company: <u>Safety Kleen</u>		Due Date Requested:		Job #: <u>14953</u>							
Address: <u>4120 Thunderbird Lane</u>		TAT Requested (days): <u>10 business days</u>		Preservation Codes:							
City: <u>Fairfield</u>		State, Zip: <u>OH, 45014</u>		A - HCL M - Hexane							
Phone: <u>513-956-2172</u>		PO #:		B - NaOH N - None							
Email: <u>stephen.fleming@safety-keen.com</u>		WO #:		C - Zn Acetate O - AsH ₃ O ₂							
Project Name: <u>2017 Safety Kleen Amityville</u>		Project #:		D - Nitric Acid P - Na ₂ O ₄ S							
SSOV#:		46008953		E - NaHSO ₄ Q - Na ₂ SO ₃							
Site: <u>Safety Kleen Amityville</u>		Field Filtered Sample (Yes or No)		F - MeOH R - Na ₂ S ₂ O ₃							
		Perform MS/MSD (Yes or No)		G - Amchlor S - H ₂ SO ₄							
		8260C VOC		H - Ascorbic Acid T - TSP Dodecahydrate							
		8015D Mineral Spirits - Total		I - Ice U - Acetone							
				J - DI Water V - MCAA							
				K - EDTA W - pH 4.5							
				L - EDA Z - other (specify)							
				Other:							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix (Viewwater, Sealed, On-wastewater, BT-Tissue Anal)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C VOC	8015D Mineral Spirits - Total	Total Number of Containers	Special Instructions/Note: MSRO reporting limit = 50 ppb.
TRIP BLANK -1	Lab supplied				Water	WV	X			12	
Rinse Blank-1		9/26/17	1444	G	Water	WV	XX			13	
Rinse Blank-2		9/26/17	1445	G	Water	WV	XX			14	
DW-1		9/26/17	1320	G	Water	WV	XX			15	
DW-1 (only if DW-1 is dry)					Soil						Use lowest dilution necessary for analysis.
DW-1 BDP (only if DW-1 is dry)					Soil						Use lowest dilution necessary for analysis.
Possible Hazard Identification											
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological											
Deliverable Requested: I, II, III, IV, Other (specify)											
Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____											
Relinquished by: <u>Amityville</u> Date/Time: <u>9/26/17 0500</u> Company: <u>CKE?</u> Received by: <u>Sam Neely</u> Date/Time: <u>9/26/17 1300</u> Company: <u>BAVC</u>											
Relinquished by: _____ Date/Time: _____ Company: _____ Received by: _____ Date/Time: _____ Company: _____											
Custody Seals Intact: _____ Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: _____											

141953

W

3

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100	100

Cooler #7:	°C	°C
Cooler #8:	°C	°C
Cooler #9:	°C	°C

[illegible]

Sample No(s). adjusted:

Preservative Name/Conc.:

Volume of Preservative used (ml)

Lot # of Preservative(s):

Expiration Date:

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Login Sample Receipt Checklist

Client: Safety-Kleen Systems, Inc

Job Number: 460-141953-1

Login Number: 141953
List Number: 1
Creator: Rivera, Kenneth

List Source: TestAmerica Edison

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.8, 1.2, 1.5°C IR #9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	