



July 21, 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: Q2 2017 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) second quarter 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 QUARTERLY GROUNDWATER SAMPLING PROGRAM

Groundwater monitoring and sampling were conducted on June 12-14, 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-3, GT-5, GT-6, VE-1R, VP-A and VP-B; 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.

1.1 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 June 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 June 2017 in exterior wells. Comparatively, the water table was on average 1.35 feet lower than reported for the previous quarter (March 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.

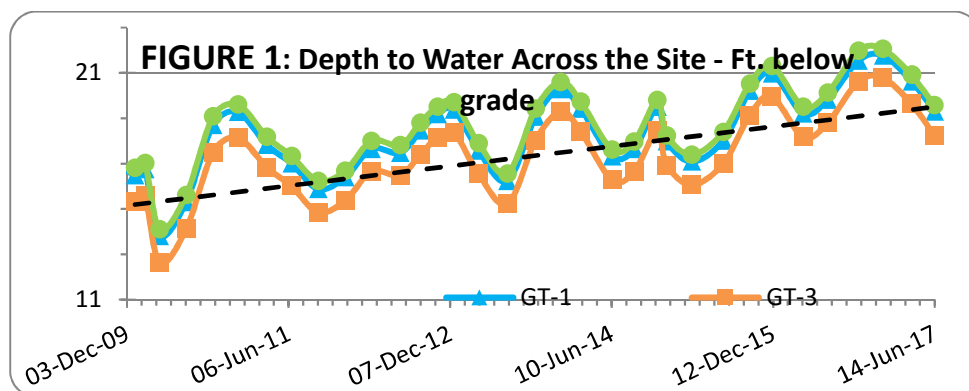
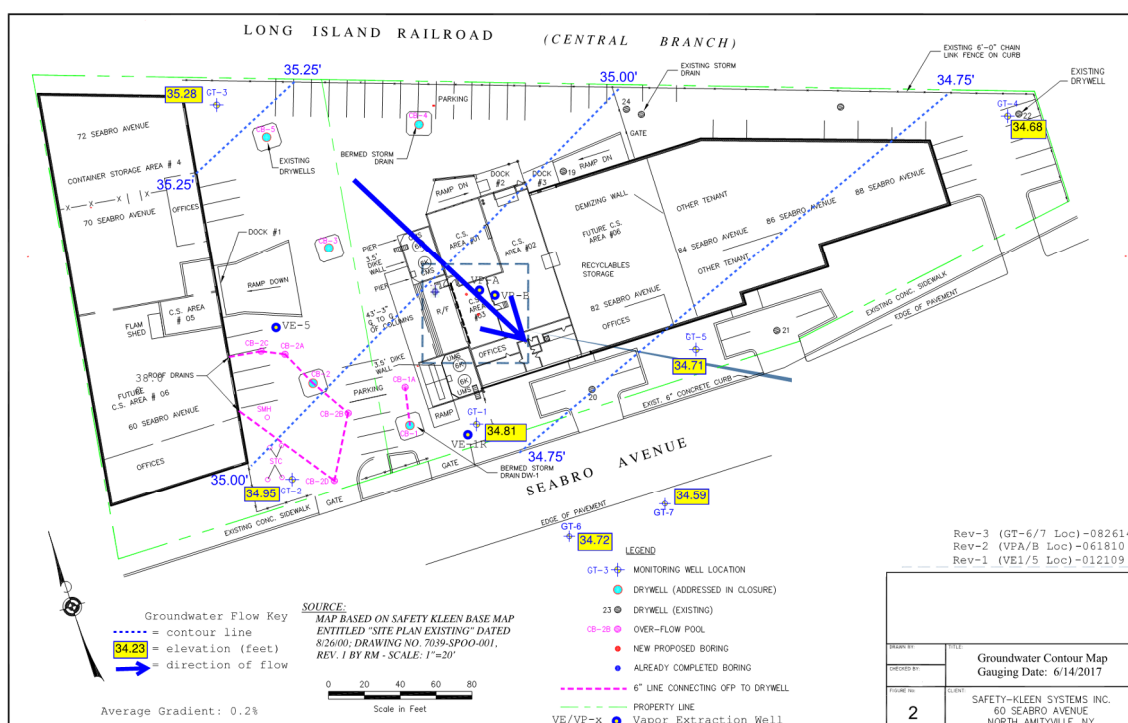
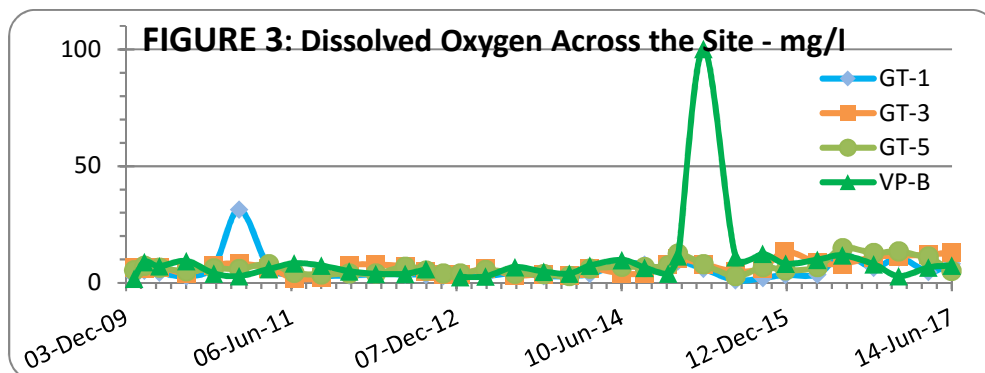


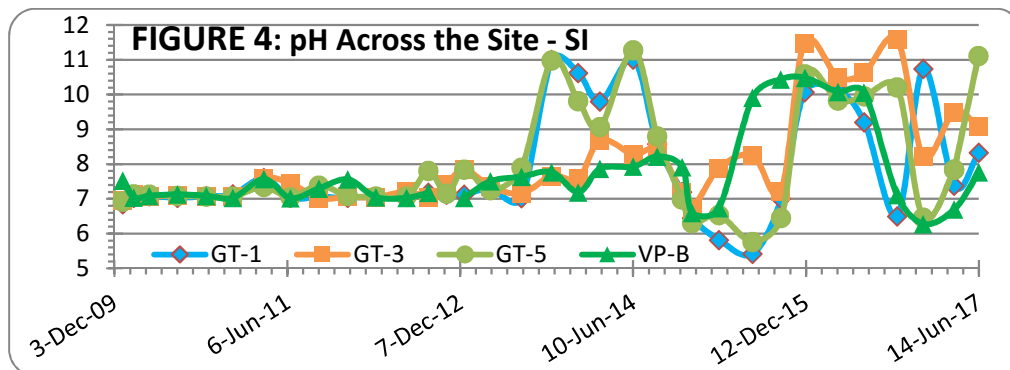
Figure 2 depicts the flow conditions for June 2017. The direction of groundwater flow was southeast and generally consistent with historic trends. The average gradient was measured at 0.2%, greater than that reported for March 2017 at 0.17%.



The DO concentrations ranged between 1.62 milligrams per liter (mg/l) at VE-1R to 13.57 mg/l at GT-5 in June 2017. Seven wells (GT-1, GT-3, GT-5, GT-6, VE-1R, VP-A and VP-B) have ORC-A® filter socks installed, that were replaced as part of the March 2017 monitoring event activities. **Figure 3** shows the historic trend in DO concentrations in select wells.



The pH (**Figure 4**) ranged from 5.95 (GT-2) to 11.11 (GT-5) in June 2017. Higher pH is a known effect from ORC-A® dissolution, and may affect the pH in wells where ORC-A® socks are deployed (GT-1, GT-3, GT-5, GT-6, VE-1R, VP-A and VP-B).



1.2 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.

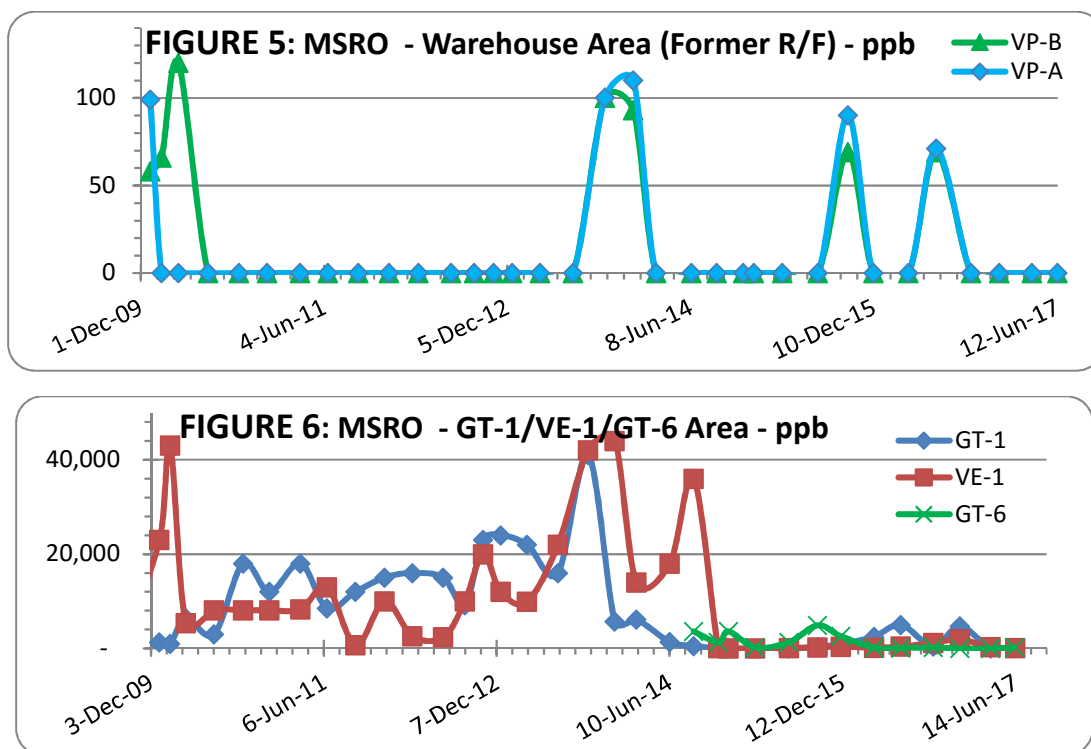
TestAmerica analyzed the groundwater samples for VOCs via EPA Method 8260c and MSRO via Modified EPA Method 8015d.

2.0 ANALYTICAL RESULTS

Historic data through June 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 June 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**.



3.0 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:

- One or more laboratory control samples recovered outside control limits for MSRO.
- Some MSRO sample volumes were below that needed for a reporting limit of 50 parts per billion (ppb), and those samples were reported with a limit of 51 ppb.

4.0 SUMMARY

1. Groundwater elevations in June 2017 were on average lower than recorded in March 2017; however, the overall direction and magnitude of groundwater flow is similar to historic trends.
2. DO concentrations were slightly lower than those for the previous quarter.
3. ORC-A® filter socks were redeployed in all wells to remediate dissolved organic concentrations, including wells GT-1, GT-3, GT-5, GT-6, VE-1R, VP-A and VP-B.
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 detected concentrations ranging from 100 to 220 ppb, in excess of the 50 ppb limit established for groundwater.
5. VOCs were not detected above the reporting limits or the respective standards in any groundwater samples.

5.0 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. At this time, Safety-Kleen proposes to reduce the groundwater monitoring frequency from quarterly to semi-annually for future progress monitoring. Additionally, Safety-Kleen proposes to remove the ORC-A® filter socks from upgradient and cross-gradient wells GT-3 and GT-5, which have been in compliance with standards since 2014.

Safety-Kleen will continue to deploy oxygen releasing compound filter socks at wells GT-1, GT-6, VE-1R, VP-A and VP-B. Sampling will be conducted in September 2017, then a semi-annual schedule is proposed, with 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.



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

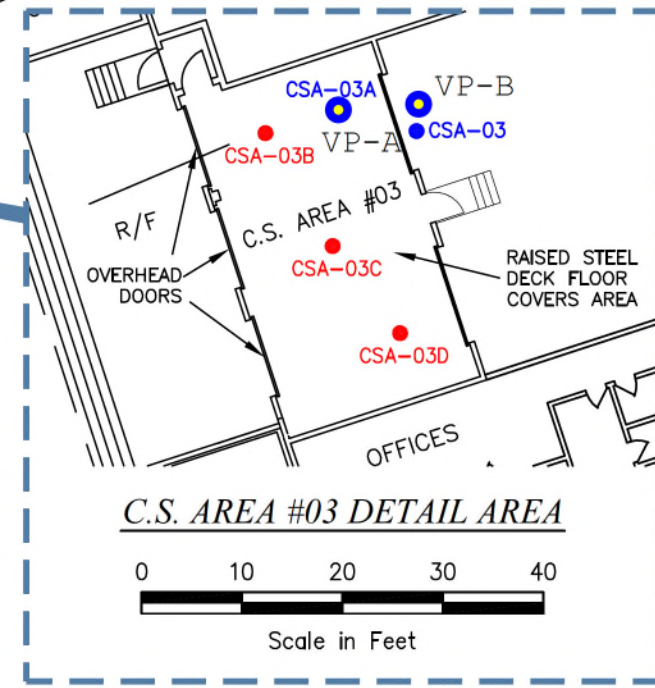
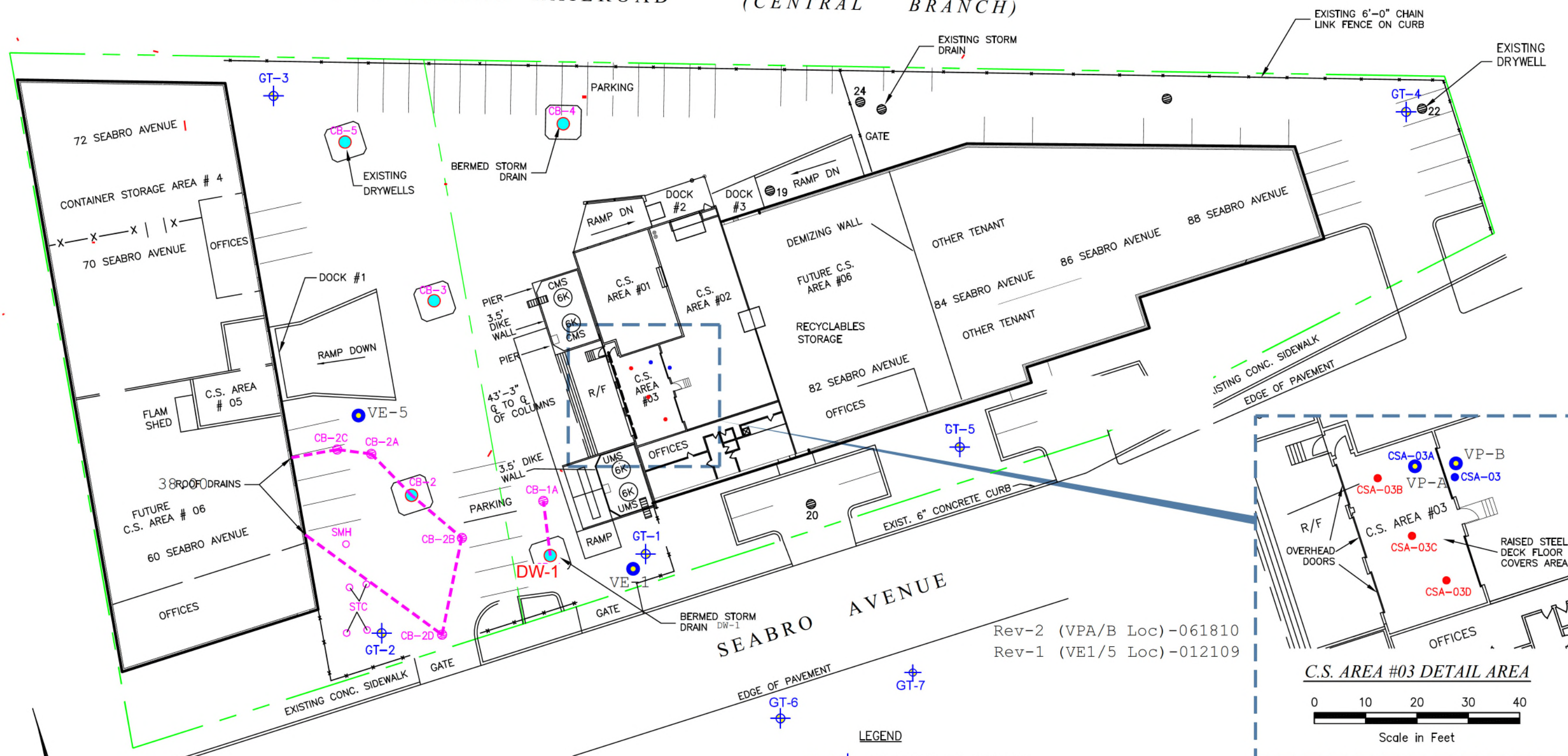
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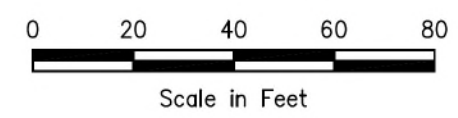
Note: e-copies transmitted via E-Mail – S. Fleming, SK to List.

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)
 - DRYWELL (EXISTING)
 - OVER-FLOW POOL
 - NEW PROPOSED BORING
 - ALREADY COMPLETED BORING
 - 6" LINE CONNECTING OFF TO DRYWELL
 - PROPERTY LINE
 - 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
SCALE: AS SHOWN		SITE PLAN
CAD FILE: 7039-1A		
DRAWN BY: JB		
CHECKED BY: J.B.		CLIENT: SAFETY-KLEEN SYSTEMS INC. 60 SEABRO AVENUE NORTH AMITYVILLE, NY
FIGURE No: 1		

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	12-Jun-17
	60 Seabro Ave, N. Amityville, NY	Weather	Clear Skies, 89° F
Sampler	Ed Brodzinski and John Talley		

Well Name / ID											warehouse	
	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	Yes	Yes	No	Yes	No	Yes	Yes
Socks Changed ("C") or Redeployed ("R")	R		R			R	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.)	19.30	19.18	18.24	17.62	10.22	19.58	19.54	19.19	19.02	18.79	20.67	19.17
Water Column Height (ft.)	6.70	8.22	9.24	8.56	N/A	1.62	6.92	9.11	5.78	6.01	6.83	3.83
Volume Purged (gal)	3.75	2.25	2.60	N/A	N/A	3.60	2.75	3.70	3.30	1.25	1.80	2.20
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	1050	1100	1220	N/A	1600	1505	1750	1640	1305	0910	1915	0915
Sample date	6/14/2017	6/13/2017	6/13/2017	N/A	6/12/2017	6/13/2017	6/13/2017	6/13/2017	6/14/2017	6/13/2017	6/13/17	6/14/2017
GW Visual Observations												
color	Gray	None	None	Orange	None	Gray	None	None	None	None	None	None
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	None	None
carbon/particulates/settled matter (lo, med, high)	Med	Lo	Lo	High	Lo	Med	Lo	Lo	Lo	Lo	Lo	Lo
GW Field Parameters												
Temperature (C)	15.82	16.56	16.29	15.69	19.75	16.69	16.24	15.81	15.36	13.10	15.77	14.57
pH	8.33	5.95	9.08	6.12	6.60	11.11	7.92	7.02	6.45	6.10	9.28	7.77
Conductivity in mS	0.545	0.498	0.238	0.192	0.066	0.617	0.481	0.471	0.502	0.246	0.423	0.372
Dissolved Oxygen (mg/L)	4.95	3.96	8.94	5.55	3.20	13.57	8.84	4.68	1.62	6.49	9.67	7.49
ORP (Eh (Mv))	152.2	-101.9	6.7	-71.2	-200.5	-122.2	110.2	-61.2	-169.0	-86.1	45.7	34.0
Turbidity (visual / NTU)	42.8	4.02	2.89	Cloudy	1.88	20.9	9.69	3.47	3.99	3.42	9.53	4.62

Comments	<u>Containerize all fluids as directed by Terri Cowans at the facility. Tel: 631.443.4509</u> (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

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	pH	Cond.	D.O.	Eh	Ozone	MSRO
			°C		uS	mg/L	mV		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	

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	

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	pH	Cond.	D.O.	Eh	Ozone	MSRO
			°C		uS	mg/L	mV		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	

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

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 Dissolved Oxygen measured in mg/l
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 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	

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

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 Ozone measured in mg/l
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 Total Concentration / Duplicate Concentration (Dissolved Concentration)

GT-6									
PARAMETER									
	Depth to Water (ft)	Groundwater Elevation (ft)	Temp °C	pH	Cond. uS	D.O. mg/L	Eh mV	Ozone	MSRO 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
GT-7									
PARAMETER									
	Depth to Water (ft)	Groundwater Elevation (ft)	Temp °C	pH	Cond. uS	D.O. mg/L	Eh mV	Ozone	MSRO 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	

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
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 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

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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-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	

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 °C	pH	Cond. uS	D.O. mg/L	Eh mV	Ozone	MSRO 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	

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	pH	Cond.	D.O.	Eh	Ozone	MSRO
			°C		uS	mg/L	mV		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	

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

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 Dissolved Oxygen measured in mg/l
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 Ozone measured in mg/l
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 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.							
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.							

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

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 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
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	

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-2	3/14/1994	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
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-3	3/14/1994	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	NS
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-4	3/14/1994	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
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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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-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-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
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

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	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-7	8/26/2014	ND	ND	ND	ND	ND	0.31J	ND	ND	ND	ND	ND	ND	<50
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
VE-1	3/30/2005	<50	<1	<5	<5	<5	<5	<5	<3	<3	64	<2	<5	2900
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
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

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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	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-5	12/28/2004	<50	<1	<5	<5	<5	<5	<5	<3	<3	<3	<2	<5	<50
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	<0.2	<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
VP-A	2/2/2010	0.84J	<0.14	<0.18	<0.14	<0.3	0.44J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	99
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
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

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	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-B	12/30/2009	<0.58	<0.14	<0.18	<0.14	<0.3	1.8J	<0.057	<0.063	<0.072	<0.17	<0.24	<0.16	58
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
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

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
DW-1 Water	3/24/2010	17	<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	3/24/2011	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
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)

ANALYTICAL REPORT

Job Number: 460-135385-1

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.
Allison L. Bennett
Project Management Assistant II
6/28/2017 1:20 PM

Designee for
Melissa Haas, Project Manager I
777 New Durham Road, Edison, NJ, 08817
(203)944-1310
melissa.haas@testamericainc.com
06/28/2017

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 LA000132

TestAmerica Laboratories, Inc.

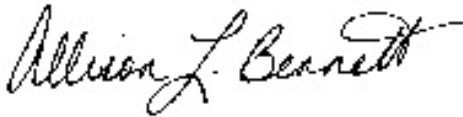
TestAmerica Edison 777 New Durham Road, Edison, NJ 08817
Tel (732) 549-3900 Fax (732) 549-3679 www.testamericainc.com



Job Number: 460-135385-1

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 cursive script that reads "Allison L. Bennett". The signature is written in black ink and is positioned above a horizontal line.

Approved for release.
Allison L. Bennett
Project Management Assistant II
6/28/2017 1:20 PM

Designee for
Melissa Haas

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CASE NARRATIVE

Client: Safety-Kleen Systems, Inc

Project: 2017 Safety-Kleen Amityville

Report Number: 460-135385-1

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.

RECEIPT

The samples were received on 6/13/2017 7:00 PM and 6/16/2017 9:05 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 2.0° C, 3.0° C and 3.7° C.

Receipt Exceptions

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

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.

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 Trip Blank-1 (460-135385-1), GT-1 (460-135536-1), GT-2 (460-135385-2), Trip Blank-2 (460-135536-2), GT-3 (460-135385-3), Rinse Blank-1 (460-135536-3), GT-5 (460-135385-4), Rinse Blank-2 (460-135536-4), DW-1 (460-135385-5), GT-6 (460-135536-5), VE-5 (460-135385-6), GT-7 (460-135536-6), VE-1R (460-135536-7), VP-A (460-135536-8), VP-B (460-135536-9) and GW-DUP (460-135536-10) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 06/26/2017 and 06/27/2017.

The continuing calibration verification (CCV) analyzed in batch 460-445936 was outside the method criteria for the following analyte(s): Iodomethane, Bromoform, 1,2,3-Trichloropropane and trans-1,4-Dichloro-2-butene (biased low) and Acetonitrile (biased high). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-446090 was outside the method criteria for the following analyte(s): Chloromethane and trans-1,4-Dichloro-2-butene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-445791 was outside the method criteria for the following analytes: Acetonitrile(biased high), Bromoform, Dichlorodifluoromethane and Iodomethane(biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes are considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-445791 recovered

outside control limits for the following analytes: 1,1,1-Trichloroethane, Carbon disulfide and Dichlorodifluoromethane. These analytes were not detected in the associated samples; therefore, the data have been reported.

Refer to the QC report for details.

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 (460-135536-1), GT-2 (460-135385-2), GT-3 (460-135385-3), Rinse Blank-1 (460-135536-3), GT-5 (460-135385-4), Rinse Blank-2 (460-135536-4), DW-1 (460-135385-5), GT-6 (460-135536-5), VE-5 (460-135385-6), GT-7 (460-135536-6), VE-1R (460-135536-7), VP-A (460-135536-8), VP-B (460-135536-9) and GW-DUP (460-135536-10) were analyzed for Mineral Range Organics (MRO) in accordance with EPA SW-846 Method 8015D_ID. The samples were prepared on 06/18/2017 and 06/20/2017 and analyzed on 06/19/2017 and 06/21/2017.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 460-444582 recovered outside control limits for the following analytes: Mineral Spirits.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 460-444195 recovered outside control limits for the following analytes: Mineral Spirits.

Refer to the QC report for details.

No other difficulties were encountered during the MRO analysis.

All other 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: 460-135385-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-135385-1	Trip Blank-1	Water	06/13/17 15:05	06/13/17 19:00
460-135385-2	GT-2	Water	06/13/17 11:00	06/13/17 19:00
460-135385-3	GT-3	Water	06/13/17 12:20	06/13/17 19:00
460-135385-4	GT-5	Water	06/13/17 15:05	06/13/17 19:00
460-135385-5	DW-1	Water	06/12/17 16:00	06/13/17 19:00
460-135385-6	VE-5	Water	06/13/17 09:10	06/13/17 19:00
460-135536-1	GT-1	Water	06/14/17 10:50	06/16/17 09:05
460-135536-2	Trip Blank-2	Water	06/14/17 13:30	06/16/17 09:05
460-135536-3	Rinse Blank-1	Water	06/14/17 13:30	06/16/17 09:05
460-135536-4	Rinse Blank-2	Water	06/14/17 01:40	06/16/17 09:05
460-135536-5	GT-6	Water	06/13/17 17:50	06/16/17 09:05
460-135536-6	GT-7	Water	06/13/17 16:40	06/16/17 09:05
460-135536-7	VE-1R	Water	06/14/17 13:05	06/16/17 09:05
460-135536-8	VP-A	Water	06/13/17 19:15	06/16/17 09:05
460-135536-9	VP-B	Water	06/14/17 09:15	06/16/17 09:05
460-135536-10	GW-DUP	Water	06/14/17 12:00	06/16/17 09:05

Detection Summary

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: Trip Blank-1

Lab Sample ID: 460-135385-1

No Detections.

Client Sample ID: GT-2

Lab Sample ID: 460-135385-2

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

Client Sample ID: GT-3

Lab Sample ID: 460-135385-3

No Detections.

Client Sample ID: GT-5

Lab Sample ID: 460-135385-4

No Detections.

Client Sample ID: DW-1

Lab Sample ID: 460-135385-5

No Detections.

Client Sample ID: VE-5

Lab Sample ID: 460-135385-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.19	J	5.0	0.12	ug/L	1		8260C	Total/NA

Client Sample ID: GT-1

Lab Sample ID: 460-135536-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mineral Spirits	110	*	51	6.6	ug/L	1		8015D	Total/NA

Client Sample ID: Trip Blank-2

Lab Sample ID: 460-135536-2

No Detections.

Client Sample ID: Rinse Blank-1

Lab Sample ID: 460-135536-3

No Detections.

Client Sample ID: Rinse Blank-2

Lab Sample ID: 460-135536-4

No Detections.

Client Sample ID: GT-6

Lab Sample ID: 460-135536-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mineral Spirits	220	*	51	6.6	ug/L	1		8015D	Total/NA

Client Sample ID: GT-7

Lab Sample ID: 460-135536-6

No Detections.

Client Sample ID: VE-1R

Lab Sample ID: 460-135536-7

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: 460-135385-1

Client Sample ID: VE-1R (Continued)

Lab Sample ID: 460-135536-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mineral Spirits	100	*	51	6.6	ug/L	1		8015D	Total/NA

Client Sample ID: VP-A

Lab Sample ID: 460-135536-8

No Detections.

Client Sample ID: VP-B

Lab Sample ID: 460-135536-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.31	J	5.0	0.12	ug/L	1		8260C	Total/NA

Client Sample ID: GW-DUP

Lab Sample ID: 460-135536-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mineral Spirits	120	*	51	6.6	ug/L	1		8015D	Total/NA

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: 460-135385-1

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: 460-135385-1

Client Sample ID: Trip Blank-1

Date Collected: 06/13/17 15:05

Date Received: 06/13/17 19:00

Lab Sample ID: 460-135385-1

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			06/27/17 03:23	1
Acetonitrile	10	U	10	1.3	ug/L			06/27/17 03:23	1
Benzene	1.0	U	1.0	0.090	ug/L			06/27/17 03:23	1
Benzyl chloride	10	U	10	0.15	ug/L			06/27/17 03:23	1
Bromodichloromethane	50	U	50	0.15	ug/L			06/27/17 03:23	1
Bromoform	5.0	U	5.0	0.18	ug/L			06/27/17 03:23	1
Bromomethane	5.0	U	5.0	0.18	ug/L			06/27/17 03:23	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			06/27/17 03:23	1
Carbon disulfide	60	U	60	0.22	ug/L			06/27/17 03:23	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			06/27/17 03:23	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			06/27/17 03:23	1
Chloroethane	5.0	U	5.0	0.37	ug/L			06/27/17 03:23	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			06/27/17 03:23	1
Chloroform	7.0	U	7.0	0.22	ug/L			06/27/17 03:23	1
Chloromethane	5.0	U	5.0	0.22	ug/L			06/27/17 03:23	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			06/27/17 03:23	1
Dibromochloromethane	50	U	50	0.22	ug/L			06/27/17 03:23	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			06/27/17 03:23	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			06/27/17 03:23	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			06/27/17 03:23	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 03:23	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 03:23	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			06/27/17 03:23	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			06/27/17 03:23	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			06/27/17 03:23	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			06/27/17 03:23	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			06/27/17 03:23	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/27/17 03:23	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			06/27/17 03:23	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			06/27/17 03:23	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			06/27/17 03:23	1
Methyl methacrylate	50	U	50	0.21	ug/L			06/27/17 03:23	1
m&p-Xylene	10	U	10	0.28	ug/L			06/27/17 03:23	1
o-Xylene	5.0	U	5.0	0.32	ug/L			06/27/17 03:23	1
Styrene	5.0	U	5.0	0.17	ug/L			06/27/17 03:23	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			06/27/17 03:23	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			06/27/17 03:23	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			06/27/17 03:23	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			06/27/17 03:23	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/27/17 03:23	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			06/27/17 03:23	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			06/27/17 03:23	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			06/27/17 03:23	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			06/27/17 03:23	1
Toluene	5.0	U	5.0	0.25	ug/L			06/27/17 03:23	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			06/27/17 03:23	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			06/27/17 03:23	1
Xylenes, Total	15	U	15	0.28	ug/L			06/27/17 03:23	1
2-Hexanone	50	U	50	0.72	ug/L			06/27/17 03:23	1

TestAmerica Edison

Client Sample Results

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: Trip Blank-1

Lab Sample ID: 460-135385-1

Date Collected: 06/13/17 15:05

Matrix: Water

Date Received: 06/13/17 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			06/27/17 03:23	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			06/27/17 03:23	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			06/27/17 03:23	1
Iodomethane	5.0	U	5.0	0.19	ug/L			06/27/17 03:23	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			06/27/17 03:23	1
Methacrylonitrile	5.0	U	5.0	0.96	ug/L			06/27/17 03:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		74 - 132		06/27/17 03:23	1
4-Bromofluorobenzene	87		77 - 124		06/27/17 03:23	1
Toluene-d8 (Surr)	95		80 - 120		06/27/17 03:23	1
Dibromofluoromethane (Surr)	95		72 - 131		06/27/17 03:23	1

Client Sample ID: GT-2

Lab Sample ID: 460-135385-2

Date Collected: 06/13/17 11:00

Matrix: Water

Date Received: 06/13/17 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			06/27/17 03:48	1
Acetonitrile	10	U	10	1.3	ug/L			06/27/17 03:48	1
Benzene	1.0	U	1.0	0.090	ug/L			06/27/17 03:48	1
Benzyl chloride	10	U	10	0.15	ug/L			06/27/17 03:48	1
Bromodichloromethane	50	U	50	0.15	ug/L			06/27/17 03:48	1
Bromoform	5.0	U	5.0	0.18	ug/L			06/27/17 03:48	1
Bromomethane	5.0	U	5.0	0.18	ug/L			06/27/17 03:48	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			06/27/17 03:48	1
Carbon disulfide	60	U	60	0.22	ug/L			06/27/17 03:48	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			06/27/17 03:48	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			06/27/17 03:48	1
Chloroethane	5.0	U	5.0	0.37	ug/L			06/27/17 03:48	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			06/27/17 03:48	1
Chloroform	7.0	U	7.0	0.22	ug/L			06/27/17 03:48	1
Chloromethane	5.0	U	5.0	0.22	ug/L			06/27/17 03:48	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			06/27/17 03:48	1
Dibromochloromethane	50	U	50	0.22	ug/L			06/27/17 03:48	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			06/27/17 03:48	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			06/27/17 03:48	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			06/27/17 03:48	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 03:48	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 03:48	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			06/27/17 03:48	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			06/27/17 03:48	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			06/27/17 03:48	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			06/27/17 03:48	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			06/27/17 03:48	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/27/17 03:48	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			06/27/17 03:48	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			06/27/17 03:48	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			06/27/17 03:48	1

TestAmerica Edison

Client Sample Results

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: GT-2

Date Collected: 06/13/17 11:00

Date Received: 06/13/17 19:00

Lab Sample ID: 460-135385-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl methacrylate	50	U	50	0.21	ug/L			06/27/17 03:48	1
m&p-Xylene	10	U	10	0.28	ug/L			06/27/17 03:48	1
o-Xylene	5.0	U	5.0	0.32	ug/L			06/27/17 03:48	1
Styrene	5.0	U	5.0	0.17	ug/L			06/27/17 03:48	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			06/27/17 03:48	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			06/27/17 03:48	1
Tetrachloroethene	0.12	J	5.0	0.12	ug/L			06/27/17 03:48	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			06/27/17 03:48	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/27/17 03:48	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			06/27/17 03:48	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			06/27/17 03:48	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			06/27/17 03:48	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			06/27/17 03:48	1
Toluene	5.0	U	5.0	0.25	ug/L			06/27/17 03:48	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			06/27/17 03:48	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			06/27/17 03:48	1
Xylenes, Total	15	U	15	0.28	ug/L			06/27/17 03:48	1
2-Hexanone	50	U	50	0.72	ug/L			06/27/17 03:48	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			06/27/17 03:48	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			06/27/17 03:48	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			06/27/17 03:48	1
Iodomethane	5.0	U	5.0	0.19	ug/L			06/27/17 03:48	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			06/27/17 03:48	1
Methacrylonitrile	5.0	U	5.0	0.96	ug/L			06/27/17 03:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		74 - 132		06/27/17 03:48	1
4-Bromofluorobenzene	87		77 - 124		06/27/17 03:48	1
Toluene-d8 (Surr)	94		80 - 120		06/27/17 03:48	1
Dibromofluoromethane (Surr)	97		72 - 131		06/27/17 03:48	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	50	U *	50	6.5	ug/L		06/18/17 07:15	06/19/17 11:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	97		34 - 158	06/18/17 07:15	06/19/17 11:09	1

Client Sample ID: GT-3

Date Collected: 06/13/17 12:20

Date Received: 06/13/17 19:00

Lab Sample ID: 460-135385-3

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			06/27/17 04:13	1
Acetonitrile	10	U	10	1.3	ug/L			06/27/17 04:13	1
Benzene	1.0	U	1.0	0.090	ug/L			06/27/17 04:13	1
Benzyl chloride	10	U	10	0.15	ug/L			06/27/17 04:13	1
Bromodichloromethane	50	U	50	0.15	ug/L			06/27/17 04:13	1
Bromoform	5.0	U	5.0	0.18	ug/L			06/27/17 04:13	1

TestAmerica Edison

Client Sample Results

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: GT-3

Date Collected: 06/13/17 12:20

Date Received: 06/13/17 19:00

Lab Sample ID: 460-135385-3

Matrix: Water

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			06/27/17 04:13	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			06/27/17 04:13	1
Carbon disulfide	60	U	60	0.22	ug/L			06/27/17 04:13	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			06/27/17 04:13	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			06/27/17 04:13	1
Chloroethane	5.0	U	5.0	0.37	ug/L			06/27/17 04:13	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			06/27/17 04:13	1
Chloroform	7.0	U	7.0	0.22	ug/L			06/27/17 04:13	1
Chloromethane	5.0	U	5.0	0.22	ug/L			06/27/17 04:13	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			06/27/17 04:13	1
Dibromochloromethane	50	U	50	0.22	ug/L			06/27/17 04:13	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			06/27/17 04:13	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			06/27/17 04:13	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			06/27/17 04:13	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 04:13	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 04:13	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			06/27/17 04:13	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			06/27/17 04:13	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			06/27/17 04:13	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			06/27/17 04:13	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			06/27/17 04:13	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/27/17 04:13	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			06/27/17 04:13	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			06/27/17 04:13	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			06/27/17 04:13	1
Methyl methacrylate	50	U	50	0.21	ug/L			06/27/17 04:13	1
m&p-Xylene	10	U	10	0.28	ug/L			06/27/17 04:13	1
o-Xylene	5.0	U	5.0	0.32	ug/L			06/27/17 04:13	1
Styrene	5.0	U	5.0	0.17	ug/L			06/27/17 04:13	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			06/27/17 04:13	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			06/27/17 04:13	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			06/27/17 04:13	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			06/27/17 04:13	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/27/17 04:13	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			06/27/17 04:13	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			06/27/17 04:13	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			06/27/17 04:13	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			06/27/17 04:13	1
Toluene	5.0	U	5.0	0.25	ug/L			06/27/17 04:13	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			06/27/17 04:13	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			06/27/17 04:13	1
Xylenes, Total	15	U	15	0.28	ug/L			06/27/17 04:13	1
2-Hexanone	50	U	50	0.72	ug/L			06/27/17 04:13	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			06/27/17 04:13	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			06/27/17 04:13	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			06/27/17 04:13	1
Iodomethane	5.0	U	5.0	0.19	ug/L			06/27/17 04:13	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			06/27/17 04:13	1
Methacrylonitrile	5.0	U	5.0	0.96	ug/L			06/27/17 04:13	1

TestAmerica Edison

Client Sample Results

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: GT-3

Date Collected: 06/13/17 12:20

Date Received: 06/13/17 19:00

Lab Sample ID: 460-135385-3

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		74 - 132		06/27/17 04:13	1
4-Bromofluorobenzene	86		77 - 124		06/27/17 04:13	1
Toluene-d8 (Surr)	93		80 - 120		06/27/17 04:13	1
Dibromofluoromethane (Surr)	96		72 - 131		06/27/17 04:13	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	50	U *	50	6.5	ug/L		06/18/17 07:15	06/19/17 11:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	91		34 - 158	06/18/17 07:15	06/19/17 11:19	1

Client Sample ID: GT-5

Date Collected: 06/13/17 15:05

Date Received: 06/13/17 19:00

Lab Sample ID: 460-135385-4

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			06/27/17 04:39	1
Acetonitrile	10	U	10	1.3	ug/L			06/27/17 04:39	1
Benzene	1.0	U	1.0	0.090	ug/L			06/27/17 04:39	1
Benzyl chloride	10	U	10	0.15	ug/L			06/27/17 04:39	1
Bromodichloromethane	50	U	50	0.15	ug/L			06/27/17 04:39	1
Bromoform	5.0	U	5.0	0.18	ug/L			06/27/17 04:39	1
Bromomethane	5.0	U	5.0	0.18	ug/L			06/27/17 04:39	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			06/27/17 04:39	1
Carbon disulfide	60	U	60	0.22	ug/L			06/27/17 04:39	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			06/27/17 04:39	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			06/27/17 04:39	1
Chloroethane	5.0	U	5.0	0.37	ug/L			06/27/17 04:39	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			06/27/17 04:39	1
Chloroform	7.0	U	7.0	0.22	ug/L			06/27/17 04:39	1
Chloromethane	5.0	U	5.0	0.22	ug/L			06/27/17 04:39	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			06/27/17 04:39	1
Dibromochloromethane	50	U	50	0.22	ug/L			06/27/17 04:39	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			06/27/17 04:39	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			06/27/17 04:39	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			06/27/17 04:39	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 04:39	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 04:39	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			06/27/17 04:39	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			06/27/17 04:39	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			06/27/17 04:39	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			06/27/17 04:39	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			06/27/17 04:39	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/27/17 04:39	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			06/27/17 04:39	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			06/27/17 04:39	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			06/27/17 04:39	1
Methyl methacrylate	50	U	50	0.21	ug/L			06/27/17 04:39	1
m&p-Xylene	10	U	10	0.28	ug/L			06/27/17 04:39	1

TestAmerica Edison

Client Sample Results

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: GT-5

Date Collected: 06/13/17 15:05

Date Received: 06/13/17 19:00

Lab Sample ID: 460-135385-4

Matrix: Water

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			06/27/17 04:39	1
Styrene	5.0	U	5.0	0.17	ug/L			06/27/17 04:39	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			06/27/17 04:39	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			06/27/17 04:39	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			06/27/17 04:39	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			06/27/17 04:39	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/27/17 04:39	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			06/27/17 04:39	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			06/27/17 04:39	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			06/27/17 04:39	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			06/27/17 04:39	1
Toluene	5.0	U	5.0	0.25	ug/L			06/27/17 04:39	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			06/27/17 04:39	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			06/27/17 04:39	1
Xylenes, Total	15	U	15	0.28	ug/L			06/27/17 04:39	1
2-Hexanone	50	U	50	0.72	ug/L			06/27/17 04:39	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			06/27/17 04:39	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			06/27/17 04:39	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			06/27/17 04:39	1
Iodomethane	5.0	U	5.0	0.19	ug/L			06/27/17 04:39	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			06/27/17 04:39	1
Methacrylonitrile	5.0	U	5.0	0.96	ug/L			06/27/17 04:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		74 - 132		06/27/17 04:39	1
4-Bromofluorobenzene	85		77 - 124		06/27/17 04:39	1
Toluene-d8 (Surr)	93		80 - 120		06/27/17 04:39	1
Dibromofluoromethane (Surr)	95		72 - 131		06/27/17 04:39	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	50	U *	50	6.5	ug/L		06/18/17 07:15	06/19/17 11:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	74		34 - 158	06/18/17 07:15	06/19/17 11:30	1

Client Sample ID: DW-1

Date Collected: 06/12/17 16:00

Date Received: 06/13/17 19:00

Lab Sample ID: 460-135385-5

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			06/26/17 12:07	1
Acetonitrile	10	U	10	1.3	ug/L			06/26/17 12:07	1
Benzene	1.0	U	1.0	0.090	ug/L			06/26/17 12:07	1
Benzyl chloride	10	U	10	0.15	ug/L			06/26/17 12:07	1
Bromodichloromethane	50	U	50	0.15	ug/L			06/26/17 12:07	1
Bromoform	5.0	U	5.0	0.18	ug/L			06/26/17 12:07	1
Bromomethane	5.0	U	5.0	0.18	ug/L			06/26/17 12:07	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			06/26/17 12:07	1

TestAmerica Edison

Client Sample Results

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: DW-1

Date Collected: 06/12/17 16:00

Date Received: 06/13/17 19:00

Lab Sample ID: 460-135385-5

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			06/26/17 12:07	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			06/26/17 12:07	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			06/26/17 12:07	1
Chloroethane	5.0	U	5.0	0.37	ug/L			06/26/17 12:07	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			06/26/17 12:07	1
Chloroform	7.0	U	7.0	0.22	ug/L			06/26/17 12:07	1
Chloromethane	5.0	U	5.0	0.22	ug/L			06/26/17 12:07	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			06/26/17 12:07	1
Dibromochloromethane	50	U	50	0.22	ug/L			06/26/17 12:07	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			06/26/17 12:07	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			06/26/17 12:07	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			06/26/17 12:07	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/26/17 12:07	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/26/17 12:07	1
Dichlorodifluoromethane	5.0	U *	5.0	0.14	ug/L			06/26/17 12:07	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			06/26/17 12:07	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			06/26/17 12:07	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			06/26/17 12:07	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			06/26/17 12:07	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/26/17 12:07	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			06/26/17 12:07	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			06/26/17 12:07	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			06/26/17 12:07	1
Methyl methacrylate	50	U	50	0.21	ug/L			06/26/17 12:07	1
m&p-Xylene	10	U	10	0.28	ug/L			06/26/17 12:07	1
o-Xylene	5.0	U	5.0	0.32	ug/L			06/26/17 12:07	1
Styrene	5.0	U	5.0	0.17	ug/L			06/26/17 12:07	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			06/26/17 12:07	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			06/26/17 12:07	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			06/26/17 12:07	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			06/26/17 12:07	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/26/17 12:07	1
1,1,1-Trichloroethane	5.0	U *	5.0	0.28	ug/L			06/26/17 12:07	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			06/26/17 12:07	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			06/26/17 12:07	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			06/26/17 12:07	1
Toluene	5.0	U	5.0	0.25	ug/L			06/26/17 12:07	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			06/26/17 12:07	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			06/26/17 12:07	1
Xylenes, Total	15	U	15	0.28	ug/L			06/26/17 12:07	1
2-Hexanone	50	U	50	0.72	ug/L			06/26/17 12:07	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			06/26/17 12:07	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			06/26/17 12:07	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			06/26/17 12:07	1
Iodomethane	5.0	U	5.0	0.19	ug/L			06/26/17 12:07	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			06/26/17 12:07	1
Methacrylonitrile	5.0	U	5.0	0.96	ug/L			06/26/17 12:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		74 - 132		06/26/17 12:07	1

TestAmerica Edison

Client Sample Results

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: DW-1

Date Collected: 06/12/17 16:00

Date Received: 06/13/17 19:00

Lab Sample ID: 460-135385-5

Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		77 - 124		06/26/17 12:07	1
Toluene-d8 (Surr)	98		80 - 120		06/26/17 12:07	1
Dibromofluoromethane (Surr)	98		72 - 131		06/26/17 12:07	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	50	U *	50	6.5	ug/L		06/18/17 07:15	06/19/17 11:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	93		34 - 158	06/18/17 07:15	06/19/17 11:40	1

Client Sample ID: VE-5

Date Collected: 06/13/17 09:10

Date Received: 06/13/17 19:00

Lab Sample ID: 460-135385-6

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			06/27/17 05:04	1
Acetonitrile	10	U	10	1.3	ug/L			06/27/17 05:04	1
Benzene	1.0	U	1.0	0.090	ug/L			06/27/17 05:04	1
Benzyl chloride	10	U	10	0.15	ug/L			06/27/17 05:04	1
Bromodichloromethane	50	U	50	0.15	ug/L			06/27/17 05:04	1
Bromoform	5.0	U	5.0	0.18	ug/L			06/27/17 05:04	1
Bromomethane	5.0	U	5.0	0.18	ug/L			06/27/17 05:04	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			06/27/17 05:04	1
Carbon disulfide	60	U	60	0.22	ug/L			06/27/17 05:04	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			06/27/17 05:04	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			06/27/17 05:04	1
Chloroethane	5.0	U	5.0	0.37	ug/L			06/27/17 05:04	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			06/27/17 05:04	1
Chloroform	7.0	U	7.0	0.22	ug/L			06/27/17 05:04	1
Chloromethane	5.0	U	5.0	0.22	ug/L			06/27/17 05:04	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			06/27/17 05:04	1
Dibromochloromethane	50	U	50	0.22	ug/L			06/27/17 05:04	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			06/27/17 05:04	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			06/27/17 05:04	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			06/27/17 05:04	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 05:04	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 05:04	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			06/27/17 05:04	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			06/27/17 05:04	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			06/27/17 05:04	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			06/27/17 05:04	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			06/27/17 05:04	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/27/17 05:04	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			06/27/17 05:04	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			06/27/17 05:04	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			06/27/17 05:04	1
Methyl methacrylate	50	U	50	0.21	ug/L			06/27/17 05:04	1
m&p-Xylene	10	U	10	0.28	ug/L			06/27/17 05:04	1

TestAmerica Edison

Client Sample Results

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: VE-5

Date Collected: 06/13/17 09:10

Date Received: 06/13/17 19:00

Lab Sample ID: 460-135385-6

Matrix: Water

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			06/27/17 05:04	1
Styrene	5.0	U	5.0	0.17	ug/L			06/27/17 05:04	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			06/27/17 05:04	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			06/27/17 05:04	1
Tetrachloroethene	0.19	J	5.0	0.12	ug/L			06/27/17 05:04	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			06/27/17 05:04	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/27/17 05:04	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			06/27/17 05:04	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			06/27/17 05:04	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			06/27/17 05:04	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			06/27/17 05:04	1
Toluene	5.0	U	5.0	0.25	ug/L			06/27/17 05:04	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			06/27/17 05:04	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			06/27/17 05:04	1
Xylenes, Total	15	U	15	0.28	ug/L			06/27/17 05:04	1
2-Hexanone	50	U	50	0.72	ug/L			06/27/17 05:04	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			06/27/17 05:04	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			06/27/17 05:04	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			06/27/17 05:04	1
Iodomethane	5.0	U	5.0	0.19	ug/L			06/27/17 05:04	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			06/27/17 05:04	1
Methacrylonitrile	5.0	U	5.0	0.96	ug/L			06/27/17 05:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		74 - 132		06/27/17 05:04	1
4-Bromofluorobenzene	84		77 - 124		06/27/17 05:04	1
Toluene-d8 (Surr)	93		80 - 120		06/27/17 05:04	1
Dibromofluoromethane (Surr)	93		72 - 131		06/27/17 05:04	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	50	U *	50	6.5	ug/L		06/18/17 07:15	06/19/17 11:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	85		34 - 158	06/18/17 07:15	06/19/17 11:50	1

Client Sample ID: GT-1

Date Collected: 06/14/17 10:50

Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-1

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			06/27/17 17:55	1
Acetonitrile	10	U	10	1.3	ug/L			06/27/17 17:55	1
Benzene	1.0	U	1.0	0.090	ug/L			06/27/17 17:55	1
Benzyl chloride	10	U	10	0.15	ug/L			06/27/17 17:55	1
Bromodichloromethane	50	U	50	0.15	ug/L			06/27/17 17:55	1
Bromoform	5.0	U	5.0	0.18	ug/L			06/27/17 17:55	1
Bromomethane	5.0	U	5.0	0.18	ug/L			06/27/17 17:55	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			06/27/17 17:55	1

TestAmerica Edison

Client Sample Results

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: GT-1

Date Collected: 06/14/17 10:50

Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-1

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			06/27/17 17:55	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			06/27/17 17:55	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			06/27/17 17:55	1
Chloroethane	5.0	U	5.0	0.37	ug/L			06/27/17 17:55	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			06/27/17 17:55	1
Chloroform	7.0	U	7.0	0.22	ug/L			06/27/17 17:55	1
Chloromethane	5.0	U	5.0	0.22	ug/L			06/27/17 17:55	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			06/27/17 17:55	1
Dibromochloromethane	50	U	50	0.22	ug/L			06/27/17 17:55	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			06/27/17 17:55	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			06/27/17 17:55	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			06/27/17 17:55	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 17:55	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 17:55	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			06/27/17 17:55	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			06/27/17 17:55	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			06/27/17 17:55	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			06/27/17 17:55	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			06/27/17 17:55	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/27/17 17:55	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			06/27/17 17:55	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			06/27/17 17:55	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			06/27/17 17:55	1
Methyl methacrylate	50	U	50	0.21	ug/L			06/27/17 17:55	1
m&p-Xylene	10	U	10	0.28	ug/L			06/27/17 17:55	1
o-Xylene	5.0	U	5.0	0.32	ug/L			06/27/17 17:55	1
Styrene	5.0	U	5.0	0.17	ug/L			06/27/17 17:55	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			06/27/17 17:55	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			06/27/17 17:55	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			06/27/17 17:55	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			06/27/17 17:55	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/27/17 17:55	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			06/27/17 17:55	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			06/27/17 17:55	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			06/27/17 17:55	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			06/27/17 17:55	1
Toluene	5.0	U	5.0	0.25	ug/L			06/27/17 17:55	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			06/27/17 17:55	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			06/27/17 17:55	1
Xylenes, Total	15	U	15	0.28	ug/L			06/27/17 17:55	1
2-Hexanone	50	U	50	0.72	ug/L			06/27/17 17:55	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			06/27/17 17:55	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			06/27/17 17:55	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			06/27/17 17:55	1
Iodomethane	5.0	U	5.0	0.19	ug/L			06/27/17 17:55	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			06/27/17 17:55	1
Methacrylonitrile	5.0	U	5.0	0.96	ug/L			06/27/17 17:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		74 - 132		06/27/17 17:55	1

TestAmerica Edison

Client Sample Results

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: GT-1

Date Collected: 06/14/17 10:50

Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-1

Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		77 - 124		06/27/17 17:55	1
Toluene-d8 (Surr)	96		80 - 120		06/27/17 17:55	1
Dibromofluoromethane (Surr)	103		72 - 131		06/27/17 17:55	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	110	*	51	6.6	ug/L		06/20/17 08:03	06/21/17 04:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	89		34 - 158	06/20/17 08:03	06/21/17 04:12	1

Client Sample ID: Trip Blank-2

Date Collected: 06/14/17 13:30

Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-2

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			06/27/17 18:22	1
Acetonitrile	10	U	10	1.3	ug/L			06/27/17 18:22	1
Benzene	1.0	U	1.0	0.090	ug/L			06/27/17 18:22	1
Benzyl chloride	10	U	10	0.15	ug/L			06/27/17 18:22	1
Bromodichloromethane	50	U	50	0.15	ug/L			06/27/17 18:22	1
Bromoform	5.0	U	5.0	0.18	ug/L			06/27/17 18:22	1
Bromomethane	5.0	U	5.0	0.18	ug/L			06/27/17 18:22	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			06/27/17 18:22	1
Carbon disulfide	60	U	60	0.22	ug/L			06/27/17 18:22	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			06/27/17 18:22	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			06/27/17 18:22	1
Chloroethane	5.0	U	5.0	0.37	ug/L			06/27/17 18:22	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			06/27/17 18:22	1
Chloroform	7.0	U	7.0	0.22	ug/L			06/27/17 18:22	1
Chloromethane	5.0	U	5.0	0.22	ug/L			06/27/17 18:22	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			06/27/17 18:22	1
Dibromochloromethane	50	U	50	0.22	ug/L			06/27/17 18:22	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			06/27/17 18:22	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			06/27/17 18:22	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			06/27/17 18:22	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 18:22	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 18:22	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			06/27/17 18:22	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			06/27/17 18:22	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			06/27/17 18:22	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			06/27/17 18:22	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			06/27/17 18:22	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/27/17 18:22	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			06/27/17 18:22	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			06/27/17 18:22	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			06/27/17 18:22	1
Methyl methacrylate	50	U	50	0.21	ug/L			06/27/17 18:22	1
m&p-Xylene	10	U	10	0.28	ug/L			06/27/17 18:22	1

TestAmerica Edison

Client Sample Results

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: Trip Blank-2

Lab Sample ID: 460-135536-2

Date Collected: 06/14/17 13:30

Matrix: Water

Date Received: 06/16/17 09:05

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			06/27/17 18:22	1
Styrene	5.0	U	5.0	0.17	ug/L			06/27/17 18:22	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			06/27/17 18:22	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			06/27/17 18:22	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			06/27/17 18:22	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			06/27/17 18:22	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/27/17 18:22	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			06/27/17 18:22	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			06/27/17 18:22	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			06/27/17 18:22	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			06/27/17 18:22	1
Toluene	5.0	U	5.0	0.25	ug/L			06/27/17 18:22	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			06/27/17 18:22	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			06/27/17 18:22	1
Xylenes, Total	15	U	15	0.28	ug/L			06/27/17 18:22	1
2-Hexanone	50	U	50	0.72	ug/L			06/27/17 18:22	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			06/27/17 18:22	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			06/27/17 18:22	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			06/27/17 18:22	1
Iodomethane	5.0	U	5.0	0.19	ug/L			06/27/17 18:22	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			06/27/17 18:22	1
Methacrylonitrile	5.0	U	5.0	0.96	ug/L			06/27/17 18:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		74 - 132		06/27/17 18:22	1
4-Bromofluorobenzene	107		77 - 124		06/27/17 18:22	1
Toluene-d8 (Surr)	96		80 - 120		06/27/17 18:22	1
Dibromofluoromethane (Surr)	104		72 - 131		06/27/17 18:22	1

Client Sample ID: Rinse Blank-1

Lab Sample ID: 460-135536-3

Date Collected: 06/14/17 13:30

Matrix: Water

Date Received: 06/16/17 09:05

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			06/27/17 20:58	1
Acetonitrile	10	U	10	1.3	ug/L			06/27/17 20:58	1
Benzene	1.0	U	1.0	0.090	ug/L			06/27/17 20:58	1
Benzyl chloride	10	U	10	0.15	ug/L			06/27/17 20:58	1
Bromodichloromethane	50	U	50	0.15	ug/L			06/27/17 20:58	1
Bromoform	5.0	U	5.0	0.18	ug/L			06/27/17 20:58	1
Bromomethane	5.0	U	5.0	0.18	ug/L			06/27/17 20:58	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			06/27/17 20:58	1
Carbon disulfide	60	U	60	0.22	ug/L			06/27/17 20:58	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			06/27/17 20:58	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			06/27/17 20:58	1
Chloroethane	5.0	U	5.0	0.37	ug/L			06/27/17 20:58	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			06/27/17 20:58	1
Chloroform	7.0	U	7.0	0.22	ug/L			06/27/17 20:58	1
Chloromethane	5.0	U	5.0	0.22	ug/L			06/27/17 20:58	1

TestAmerica Edison

Client Sample Results

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: Rinse Blank-1

Lab Sample ID: 460-135536-3

Date Collected: 06/14/17 13:30

Matrix: Water

Date Received: 06/16/17 09:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			06/27/17 20:58	1
Dibromochloromethane	50	U	50	0.22	ug/L			06/27/17 20:58	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			06/27/17 20:58	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			06/27/17 20:58	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			06/27/17 20:58	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 20:58	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 20:58	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			06/27/17 20:58	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			06/27/17 20:58	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			06/27/17 20:58	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			06/27/17 20:58	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			06/27/17 20:58	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/27/17 20:58	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			06/27/17 20:58	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			06/27/17 20:58	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			06/27/17 20:58	1
Methyl methacrylate	50	U	50	0.21	ug/L			06/27/17 20:58	1
m&p-Xylene	10	U	10	0.28	ug/L			06/27/17 20:58	1
o-Xylene	5.0	U	5.0	0.32	ug/L			06/27/17 20:58	1
Styrene	5.0	U	5.0	0.17	ug/L			06/27/17 20:58	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			06/27/17 20:58	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			06/27/17 20:58	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			06/27/17 20:58	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			06/27/17 20:58	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/27/17 20:58	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			06/27/17 20:58	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			06/27/17 20:58	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			06/27/17 20:58	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			06/27/17 20:58	1
Toluene	5.0	U	5.0	0.25	ug/L			06/27/17 20:58	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			06/27/17 20:58	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			06/27/17 20:58	1
Xylenes, Total	15	U	15	0.28	ug/L			06/27/17 20:58	1
2-Hexanone	50	U	50	0.72	ug/L			06/27/17 20:58	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			06/27/17 20:58	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			06/27/17 20:58	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			06/27/17 20:58	1
Iodomethane	5.0	U	5.0	0.19	ug/L			06/27/17 20:58	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			06/27/17 20:58	1
Methacrylonitrile	5.0	U	5.0	0.96	ug/L			06/27/17 20:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		74 - 132		06/27/17 20:58	1
4-Bromofluorobenzene	105		77 - 124		06/27/17 20:58	1
Toluene-d8 (Surr)	93		80 - 120		06/27/17 20:58	1
Dibromofluoromethane (Surr)	107		72 - 131		06/27/17 20:58	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		06/20/17 08:03	06/21/17 04:22	1

TestAmerica Edison

Client Sample Results

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: Rinse Blank-1

Date Collected: 06/14/17 13:30

Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-3

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	91		34 - 158	06/20/17 08:03	06/21/17 04:22	1

Client Sample ID: Rinse Blank-2

Date Collected: 06/14/17 01:40

Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-4

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			06/27/17 21:24	1
Acetonitrile	10	U	10	1.3	ug/L			06/27/17 21:24	1
Benzene	1.0	U	1.0	0.090	ug/L			06/27/17 21:24	1
Benzyl chloride	10	U	10	0.15	ug/L			06/27/17 21:24	1
Bromodichloromethane	50	U	50	0.15	ug/L			06/27/17 21:24	1
Bromoform	5.0	U	5.0	0.18	ug/L			06/27/17 21:24	1
Bromomethane	5.0	U	5.0	0.18	ug/L			06/27/17 21:24	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			06/27/17 21:24	1
Carbon disulfide	60	U	60	0.22	ug/L			06/27/17 21:24	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			06/27/17 21:24	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			06/27/17 21:24	1
Chloroethane	5.0	U	5.0	0.37	ug/L			06/27/17 21:24	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			06/27/17 21:24	1
Chloroform	7.0	U	7.0	0.22	ug/L			06/27/17 21:24	1
Chloromethane	5.0	U	5.0	0.22	ug/L			06/27/17 21:24	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			06/27/17 21:24	1
Dibromochloromethane	50	U	50	0.22	ug/L			06/27/17 21:24	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			06/27/17 21:24	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			06/27/17 21:24	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			06/27/17 21:24	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 21:24	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 21:24	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			06/27/17 21:24	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			06/27/17 21:24	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			06/27/17 21:24	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			06/27/17 21:24	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			06/27/17 21:24	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/27/17 21:24	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			06/27/17 21:24	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			06/27/17 21:24	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			06/27/17 21:24	1
Methyl methacrylate	50	U	50	0.21	ug/L			06/27/17 21:24	1
m&p-Xylene	10	U	10	0.28	ug/L			06/27/17 21:24	1
o-Xylene	5.0	U	5.0	0.32	ug/L			06/27/17 21:24	1
Styrene	5.0	U	5.0	0.17	ug/L			06/27/17 21:24	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			06/27/17 21:24	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			06/27/17 21:24	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			06/27/17 21:24	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			06/27/17 21:24	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/27/17 21:24	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			06/27/17 21:24	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			06/27/17 21:24	1

TestAmerica Edison

Client Sample Results

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: Rinse Blank-2

Lab Sample ID: 460-135536-4

Date Collected: 06/14/17 01:40

Matrix: Water

Date Received: 06/16/17 09:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	5.0	U	5.0	0.22	ug/L			06/27/17 21:24	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			06/27/17 21:24	1
Toluene	5.0	U	5.0	0.25	ug/L			06/27/17 21:24	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			06/27/17 21:24	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			06/27/17 21:24	1
Xylenes, Total	15	U	15	0.28	ug/L			06/27/17 21:24	1
2-Hexanone	50	U	50	0.72	ug/L			06/27/17 21:24	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			06/27/17 21:24	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			06/27/17 21:24	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			06/27/17 21:24	1
Iodomethane	5.0	U	5.0	0.19	ug/L			06/27/17 21:24	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			06/27/17 21:24	1
Methacrylonitrile	5.0	U	5.0	0.96	ug/L			06/27/17 21:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		74 - 132		06/27/17 21:24	1
4-Bromofluorobenzene	101		77 - 124		06/27/17 21:24	1
Toluene-d8 (Surr)	91		80 - 120		06/27/17 21:24	1
Dibromofluoromethane (Surr)	102		72 - 131		06/27/17 21:24	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		06/20/17 08:03	06/21/17 04:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	90		34 - 158	06/20/17 08:03	06/21/17 04:32	1

Client Sample ID: GT-6

Lab Sample ID: 460-135536-5

Date Collected: 06/13/17 17:50

Matrix: Water

Date Received: 06/16/17 09:05

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			06/27/17 18:48	1
Acetonitrile	10	U	10	1.3	ug/L			06/27/17 18:48	1
Benzene	1.0	U	1.0	0.090	ug/L			06/27/17 18:48	1
Benzyl chloride	10	U	10	0.15	ug/L			06/27/17 18:48	1
Bromodichloromethane	50	U	50	0.15	ug/L			06/27/17 18:48	1
Bromoform	5.0	U	5.0	0.18	ug/L			06/27/17 18:48	1
Bromomethane	5.0	U	5.0	0.18	ug/L			06/27/17 18:48	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			06/27/17 18:48	1
Carbon disulfide	60	U	60	0.22	ug/L			06/27/17 18:48	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			06/27/17 18:48	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			06/27/17 18:48	1
Chloroethane	5.0	U	5.0	0.37	ug/L			06/27/17 18:48	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			06/27/17 18:48	1
Chloroform	7.0	U	7.0	0.22	ug/L			06/27/17 18:48	1
Chloromethane	5.0	U	5.0	0.22	ug/L			06/27/17 18:48	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			06/27/17 18:48	1
Dibromochloromethane	50	U	50	0.22	ug/L			06/27/17 18:48	1

TestAmerica Edison

Client Sample Results

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: GT-6

Date Collected: 06/13/17 17:50

Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	5.0	U	5.0	0.13	ug/L			06/27/17 18:48	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			06/27/17 18:48	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			06/27/17 18:48	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 18:48	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 18:48	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			06/27/17 18:48	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			06/27/17 18:48	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			06/27/17 18:48	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			06/27/17 18:48	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			06/27/17 18:48	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/27/17 18:48	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			06/27/17 18:48	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			06/27/17 18:48	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			06/27/17 18:48	1
Methyl methacrylate	50	U	50	0.21	ug/L			06/27/17 18:48	1
m&p-Xylene	10	U	10	0.28	ug/L			06/27/17 18:48	1
o-Xylene	5.0	U	5.0	0.32	ug/L			06/27/17 18:48	1
Styrene	5.0	U	5.0	0.17	ug/L			06/27/17 18:48	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			06/27/17 18:48	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			06/27/17 18:48	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			06/27/17 18:48	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			06/27/17 18:48	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/27/17 18:48	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			06/27/17 18:48	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			06/27/17 18:48	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			06/27/17 18:48	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			06/27/17 18:48	1
Toluene	5.0	U	5.0	0.25	ug/L			06/27/17 18:48	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			06/27/17 18:48	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			06/27/17 18:48	1
Xylenes, Total	15	U	15	0.28	ug/L			06/27/17 18:48	1
2-Hexanone	50	U	50	0.72	ug/L			06/27/17 18:48	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			06/27/17 18:48	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			06/27/17 18:48	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			06/27/17 18:48	1
Iodomethane	5.0	U	5.0	0.19	ug/L			06/27/17 18:48	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			06/27/17 18:48	1
Methacrylonitrile	5.0	U	5.0	0.96	ug/L			06/27/17 18:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		74 - 132		06/27/17 18:48	1
4-Bromofluorobenzene	102		77 - 124		06/27/17 18:48	1
Toluene-d8 (Surr)	95		80 - 120		06/27/17 18:48	1
Dibromofluoromethane (Surr)	105		72 - 131		06/27/17 18:48	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	220	*	51	6.6	ug/L		06/20/17 08:03	06/21/17 04:42	1

TestAmerica Edison

Client Sample Results

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: GT-6

Date Collected: 06/13/17 17:50

Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-5

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	96		34 - 158	06/20/17 08:03	06/21/17 04:42	1

Client Sample ID: GT-7

Date Collected: 06/13/17 16:40

Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-6

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			06/27/17 17:03	1
Acetonitrile	10	U	10	1.3	ug/L			06/27/17 17:03	1
Benzene	1.0	U	1.0	0.090	ug/L			06/27/17 17:03	1
Benzyl chloride	10	U	10	0.15	ug/L			06/27/17 17:03	1
Bromodichloromethane	50	U	50	0.15	ug/L			06/27/17 17:03	1
Bromoform	5.0	U	5.0	0.18	ug/L			06/27/17 17:03	1
Bromomethane	5.0	U	5.0	0.18	ug/L			06/27/17 17:03	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			06/27/17 17:03	1
Carbon disulfide	60	U	60	0.22	ug/L			06/27/17 17:03	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			06/27/17 17:03	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			06/27/17 17:03	1
Chloroethane	5.0	U	5.0	0.37	ug/L			06/27/17 17:03	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			06/27/17 17:03	1
Chloroform	7.0	U	7.0	0.22	ug/L			06/27/17 17:03	1
Chloromethane	5.0	U	5.0	0.22	ug/L			06/27/17 17:03	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			06/27/17 17:03	1
Dibromochloromethane	50	U	50	0.22	ug/L			06/27/17 17:03	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			06/27/17 17:03	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			06/27/17 17:03	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			06/27/17 17:03	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 17:03	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 17:03	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			06/27/17 17:03	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			06/27/17 17:03	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			06/27/17 17:03	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			06/27/17 17:03	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			06/27/17 17:03	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/27/17 17:03	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			06/27/17 17:03	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			06/27/17 17:03	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			06/27/17 17:03	1
Methyl methacrylate	50	U	50	0.21	ug/L			06/27/17 17:03	1
m&p-Xylene	10	U	10	0.28	ug/L			06/27/17 17:03	1
o-Xylene	5.0	U	5.0	0.32	ug/L			06/27/17 17:03	1
Styrene	5.0	U	5.0	0.17	ug/L			06/27/17 17:03	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			06/27/17 17:03	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			06/27/17 17:03	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			06/27/17 17:03	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			06/27/17 17:03	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/27/17 17:03	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			06/27/17 17:03	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			06/27/17 17:03	1

TestAmerica Edison

Client Sample Results

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: GT-7

Date Collected: 06/13/17 16:40

Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	5.0	U	5.0	0.22	ug/L			06/27/17 17:03	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			06/27/17 17:03	1
Toluene	5.0	U	5.0	0.25	ug/L			06/27/17 17:03	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			06/27/17 17:03	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			06/27/17 17:03	1
Xylenes, Total	15	U	15	0.28	ug/L			06/27/17 17:03	1
2-Hexanone	50	U	50	0.72	ug/L			06/27/17 17:03	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			06/27/17 17:03	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			06/27/17 17:03	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			06/27/17 17:03	1
Iodomethane	5.0	U	5.0	0.19	ug/L			06/27/17 17:03	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			06/27/17 17:03	1
Methacrylonitrile	5.0	U	5.0	0.96	ug/L			06/27/17 17:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		74 - 132		06/27/17 17:03	1
4-Bromofluorobenzene	106		77 - 124		06/27/17 17:03	1
Toluene-d8 (Surr)	94		80 - 120		06/27/17 17:03	1
Dibromofluoromethane (Surr)	106		72 - 131		06/27/17 17:03	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		06/20/17 08:03	06/21/17 04:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	95		34 - 158	06/20/17 08:03	06/21/17 04:52	1

Client Sample ID: VE-1R

Date Collected: 06/14/17 13:05

Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-7

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			06/27/17 19:40	1
Acetonitrile	10	U	10	1.3	ug/L			06/27/17 19:40	1
Benzene	1.0	U	1.0	0.090	ug/L			06/27/17 19:40	1
Benzyl chloride	10	U	10	0.15	ug/L			06/27/17 19:40	1
Bromodichloromethane	50	U	50	0.15	ug/L			06/27/17 19:40	1
Bromoform	5.0	U	5.0	0.18	ug/L			06/27/17 19:40	1
Bromomethane	5.0	U	5.0	0.18	ug/L			06/27/17 19:40	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			06/27/17 19:40	1
Carbon disulfide	60	U	60	0.22	ug/L			06/27/17 19:40	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			06/27/17 19:40	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			06/27/17 19:40	1
Chloroethane	5.0	U	5.0	0.37	ug/L			06/27/17 19:40	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			06/27/17 19:40	1
Chloroform	7.0	U	7.0	0.22	ug/L			06/27/17 19:40	1
Chloromethane	5.0	U	5.0	0.22	ug/L			06/27/17 19:40	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			06/27/17 19:40	1
Dibromochloromethane	50	U	50	0.22	ug/L			06/27/17 19:40	1

TestAmerica Edison

Client Sample Results

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: VE-1R

Date Collected: 06/14/17 13:05

Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	5.0	U	5.0	0.13	ug/L			06/27/17 19:40	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			06/27/17 19:40	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			06/27/17 19:40	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 19:40	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 19:40	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			06/27/17 19:40	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			06/27/17 19:40	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			06/27/17 19:40	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			06/27/17 19:40	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			06/27/17 19:40	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/27/17 19:40	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			06/27/17 19:40	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			06/27/17 19:40	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			06/27/17 19:40	1
Methyl methacrylate	50	U	50	0.21	ug/L			06/27/17 19:40	1
m&p-Xylene	10	U	10	0.28	ug/L			06/27/17 19:40	1
o-Xylene	5.0	U	5.0	0.32	ug/L			06/27/17 19:40	1
Styrene	5.0	U	5.0	0.17	ug/L			06/27/17 19:40	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			06/27/17 19:40	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			06/27/17 19:40	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			06/27/17 19:40	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			06/27/17 19:40	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/27/17 19:40	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			06/27/17 19:40	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			06/27/17 19:40	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			06/27/17 19:40	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			06/27/17 19:40	1
Toluene	5.0	U	5.0	0.25	ug/L			06/27/17 19:40	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			06/27/17 19:40	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			06/27/17 19:40	1
Xylenes, Total	15	U	15	0.28	ug/L			06/27/17 19:40	1
2-Hexanone	50	U	50	0.72	ug/L			06/27/17 19:40	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			06/27/17 19:40	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			06/27/17 19:40	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			06/27/17 19:40	1
Iodomethane	5.0	U	5.0	0.19	ug/L			06/27/17 19:40	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			06/27/17 19:40	1
Methacrylonitrile	5.0	U	5.0	0.96	ug/L			06/27/17 19:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		74 - 132		06/27/17 19:40	1
4-Bromofluorobenzene	102		77 - 124		06/27/17 19:40	1
Toluene-d8 (Surr)	95		80 - 120		06/27/17 19:40	1
Dibromofluoromethane (Surr)	106		72 - 131		06/27/17 19:40	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	100	*	51	6.6	ug/L		06/20/17 08:03	06/21/17 05:02	1

TestAmerica Edison

Client Sample Results

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: VE-1R
Date Collected: 06/14/17 13:05
Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-7
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	84		34 - 158	06/20/17 08:03	06/21/17 05:02	1

Client Sample ID: VP-A
Date Collected: 06/13/17 19:15
Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-8
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			06/27/17 17:29	1
Acetonitrile	10	U	10	1.3	ug/L			06/27/17 17:29	1
Benzene	1.0	U	1.0	0.090	ug/L			06/27/17 17:29	1
Benzyl chloride	10	U	10	0.15	ug/L			06/27/17 17:29	1
Bromodichloromethane	50	U	50	0.15	ug/L			06/27/17 17:29	1
Bromoform	5.0	U	5.0	0.18	ug/L			06/27/17 17:29	1
Bromomethane	5.0	U	5.0	0.18	ug/L			06/27/17 17:29	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			06/27/17 17:29	1
Carbon disulfide	60	U	60	0.22	ug/L			06/27/17 17:29	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			06/27/17 17:29	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			06/27/17 17:29	1
Chloroethane	5.0	U	5.0	0.37	ug/L			06/27/17 17:29	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			06/27/17 17:29	1
Chloroform	7.0	U	7.0	0.22	ug/L			06/27/17 17:29	1
Chloromethane	5.0	U	5.0	0.22	ug/L			06/27/17 17:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			06/27/17 17:29	1
Dibromochloromethane	50	U	50	0.22	ug/L			06/27/17 17:29	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			06/27/17 17:29	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			06/27/17 17:29	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			06/27/17 17:29	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 17:29	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 17:29	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			06/27/17 17:29	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			06/27/17 17:29	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			06/27/17 17:29	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			06/27/17 17:29	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			06/27/17 17:29	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/27/17 17:29	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			06/27/17 17:29	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			06/27/17 17:29	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			06/27/17 17:29	1
Methyl methacrylate	50	U	50	0.21	ug/L			06/27/17 17:29	1
m&p-Xylene	10	U	10	0.28	ug/L			06/27/17 17:29	1
o-Xylene	5.0	U	5.0	0.32	ug/L			06/27/17 17:29	1
Styrene	5.0	U	5.0	0.17	ug/L			06/27/17 17:29	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			06/27/17 17:29	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			06/27/17 17:29	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			06/27/17 17:29	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			06/27/17 17:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/27/17 17:29	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			06/27/17 17:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			06/27/17 17:29	1

TestAmerica Edison

Client Sample Results

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: VP-A

Date Collected: 06/13/17 19:15

Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	5.0	U	5.0	0.22	ug/L			06/27/17 17:29	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			06/27/17 17:29	1
Toluene	5.0	U	5.0	0.25	ug/L			06/27/17 17:29	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			06/27/17 17:29	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			06/27/17 17:29	1
Xylenes, Total	15	U	15	0.28	ug/L			06/27/17 17:29	1
2-Hexanone	50	U	50	0.72	ug/L			06/27/17 17:29	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			06/27/17 17:29	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			06/27/17 17:29	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			06/27/17 17:29	1
Iodomethane	5.0	U	5.0	0.19	ug/L			06/27/17 17:29	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			06/27/17 17:29	1
Methacrylonitrile	5.0	U	5.0	0.96	ug/L			06/27/17 17:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		74 - 132		06/27/17 17:29	1
4-Bromofluorobenzene	101		77 - 124		06/27/17 17:29	1
Toluene-d8 (Surr)	97		80 - 120		06/27/17 17:29	1
Dibromofluoromethane (Surr)	108		72 - 131		06/27/17 17:29	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		06/20/17 08:03	06/21/17 05:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	82		34 - 158	06/20/17 08:03	06/21/17 05:12	1

Client Sample ID: VP-B

Date Collected: 06/14/17 09:15

Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-9

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			06/27/17 20:06	1
Acetonitrile	10	U	10	1.3	ug/L			06/27/17 20:06	1
Benzene	1.0	U	1.0	0.090	ug/L			06/27/17 20:06	1
Benzyl chloride	10	U	10	0.15	ug/L			06/27/17 20:06	1
Bromodichloromethane	50	U	50	0.15	ug/L			06/27/17 20:06	1
Bromoform	5.0	U	5.0	0.18	ug/L			06/27/17 20:06	1
Bromomethane	5.0	U	5.0	0.18	ug/L			06/27/17 20:06	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			06/27/17 20:06	1
Carbon disulfide	60	U	60	0.22	ug/L			06/27/17 20:06	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			06/27/17 20:06	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			06/27/17 20:06	1
Chloroethane	5.0	U	5.0	0.37	ug/L			06/27/17 20:06	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			06/27/17 20:06	1
Chloroform	7.0	U	7.0	0.22	ug/L			06/27/17 20:06	1
Chloromethane	5.0	U	5.0	0.22	ug/L			06/27/17 20:06	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			06/27/17 20:06	1
Dibromochloromethane	50	U	50	0.22	ug/L			06/27/17 20:06	1

TestAmerica Edison

Client Sample Results

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: VP-B

Date Collected: 06/14/17 09:15

Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	5.0	U	5.0	0.13	ug/L			06/27/17 20:06	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			06/27/17 20:06	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			06/27/17 20:06	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 20:06	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 20:06	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			06/27/17 20:06	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			06/27/17 20:06	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			06/27/17 20:06	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			06/27/17 20:06	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			06/27/17 20:06	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/27/17 20:06	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			06/27/17 20:06	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			06/27/17 20:06	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			06/27/17 20:06	1
Methyl methacrylate	50	U	50	0.21	ug/L			06/27/17 20:06	1
m&p-Xylene	10	U	10	0.28	ug/L			06/27/17 20:06	1
o-Xylene	5.0	U	5.0	0.32	ug/L			06/27/17 20:06	1
Styrene	5.0	U	5.0	0.17	ug/L			06/27/17 20:06	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			06/27/17 20:06	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			06/27/17 20:06	1
Tetrachloroethene	0.31	J	5.0	0.12	ug/L			06/27/17 20:06	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			06/27/17 20:06	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/27/17 20:06	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			06/27/17 20:06	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			06/27/17 20:06	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			06/27/17 20:06	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			06/27/17 20:06	1
Toluene	5.0	U	5.0	0.25	ug/L			06/27/17 20:06	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			06/27/17 20:06	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			06/27/17 20:06	1
Xylenes, Total	15	U	15	0.28	ug/L			06/27/17 20:06	1
2-Hexanone	50	U	50	0.72	ug/L			06/27/17 20:06	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			06/27/17 20:06	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			06/27/17 20:06	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			06/27/17 20:06	1
Iodomethane	5.0	U	5.0	0.19	ug/L			06/27/17 20:06	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			06/27/17 20:06	1
Methacrylonitrile	5.0	U	5.0	0.96	ug/L			06/27/17 20:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		74 - 132		06/27/17 20:06	1
4-Bromofluorobenzene	102		77 - 124		06/27/17 20:06	1
Toluene-d8 (Surr)	97		80 - 120		06/27/17 20:06	1
Dibromofluoromethane (Surr)	104		72 - 131		06/27/17 20:06	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		06/20/17 08:03	06/21/17 06:20	1

TestAmerica Edison

Client Sample Results

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: VP-B

Date Collected: 06/14/17 09:15

Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-9

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	91		34 - 158	06/20/17 08:03	06/21/17 06:20	1

Client Sample ID: GW-DUP

Date Collected: 06/14/17 12:00

Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-10

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			06/27/17 20:32	1
Acetonitrile	10	U	10	1.3	ug/L			06/27/17 20:32	1
Benzene	1.0	U	1.0	0.090	ug/L			06/27/17 20:32	1
Benzyl chloride	10	U	10	0.15	ug/L			06/27/17 20:32	1
Bromodichloromethane	50	U	50	0.15	ug/L			06/27/17 20:32	1
Bromoform	5.0	U	5.0	0.18	ug/L			06/27/17 20:32	1
Bromomethane	5.0	U	5.0	0.18	ug/L			06/27/17 20:32	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			06/27/17 20:32	1
Carbon disulfide	60	U	60	0.22	ug/L			06/27/17 20:32	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			06/27/17 20:32	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			06/27/17 20:32	1
Chloroethane	5.0	U	5.0	0.37	ug/L			06/27/17 20:32	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			06/27/17 20:32	1
Chloroform	7.0	U	7.0	0.22	ug/L			06/27/17 20:32	1
Chloromethane	5.0	U	5.0	0.22	ug/L			06/27/17 20:32	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			06/27/17 20:32	1
Dibromochloromethane	50	U	50	0.22	ug/L			06/27/17 20:32	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			06/27/17 20:32	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			06/27/17 20:32	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			06/27/17 20:32	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 20:32	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 20:32	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			06/27/17 20:32	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			06/27/17 20:32	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			06/27/17 20:32	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			06/27/17 20:32	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			06/27/17 20:32	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/27/17 20:32	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			06/27/17 20:32	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			06/27/17 20:32	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			06/27/17 20:32	1
Methyl methacrylate	50	U	50	0.21	ug/L			06/27/17 20:32	1
m&p-Xylene	10	U	10	0.28	ug/L			06/27/17 20:32	1
o-Xylene	5.0	U	5.0	0.32	ug/L			06/27/17 20:32	1
Styrene	5.0	U	5.0	0.17	ug/L			06/27/17 20:32	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			06/27/17 20:32	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			06/27/17 20:32	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			06/27/17 20:32	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			06/27/17 20:32	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/27/17 20:32	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			06/27/17 20:32	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			06/27/17 20:32	1

TestAmerica Edison

Client Sample Results

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: GW-DUP

Lab Sample ID: 460-135536-10

Date Collected: 06/14/17 12:00

Matrix: Water

Date Received: 06/16/17 09:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	5.0	U	5.0	0.22	ug/L			06/27/17 20:32	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			06/27/17 20:32	1
Toluene	5.0	U	5.0	0.25	ug/L			06/27/17 20:32	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			06/27/17 20:32	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			06/27/17 20:32	1
Xylenes, Total	15	U	15	0.28	ug/L			06/27/17 20:32	1
2-Hexanone	50	U	50	0.72	ug/L			06/27/17 20:32	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			06/27/17 20:32	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			06/27/17 20:32	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			06/27/17 20:32	1
Iodomethane	5.0	U	5.0	0.19	ug/L			06/27/17 20:32	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			06/27/17 20:32	1
Methacrylonitrile	5.0	U	5.0	0.96	ug/L			06/27/17 20:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		74 - 132		06/27/17 20:32	1
4-Bromofluorobenzene	110		77 - 124		06/27/17 20:32	1
Toluene-d8 (Surr)	103		80 - 120		06/27/17 20:32	1
Dibromofluoromethane (Surr)	114		72 - 131		06/27/17 20:32	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	120	*	51	6.6	ug/L		06/20/17 08:03	06/21/17 06:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	91		34 - 158	06/20/17 08:03	06/21/17 06:30	1

Surrogate Summary

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

TestAmerica Job ID: 460-135385-1

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)
460-135385-1	Trip Blank-1	88	87	95	95
460-135385-2	GT-2	88	87	94	97
460-135385-3	GT-3	87	86	93	96
460-135385-4	GT-5	88	85	93	95
460-135385-5	DW-1	92	90	98	98
460-135385-6	VE-5	87	84	93	93
460-135536-1	GT-1	96	103	96	103
460-135536-2	Trip Blank-2	95	107	96	104
460-135536-3	Rinse Blank-1	96	105	93	107
460-135536-4	Rinse Blank-2	96	101	91	102
460-135536-5	GT-6	93	102	95	105
460-135536-6	GT-7	95	106	94	106
460-135536-7	VE-1R	94	102	95	106
460-135536-8	VP-A	100	101	97	108
460-135536-9	VP-B	97	102	97	104
460-135536-10	GW-DUP	105	110	103	114
LCS 460-445791/3	Lab Control Sample	89	95	98	96
LCS 460-445936/4	Lab Control Sample	84	91	94	92
LCS 460-446090/4	Lab Control Sample	92	108	99	101
LCSD 460-445791/4	Lab Control Sample Dup	93	94	97	97
LCSD 460-445936/5	Lab Control Sample Dup	85	94	95	91
LCSD 460-446090/5	Lab Control Sample Dup	96	109	97	104
MB 460-445791/7	Method Blank	88	86	94	93
MB 460-445936/8	Method Blank	87	87	94	92
MB 460-446090/8	Method Blank	95	102	93	104

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)	
460-135385-2	GT-2	97	
460-135385-3	GT-3	91	
460-135385-4	GT-5	74	
460-135385-5	DW-1	93	
460-135385-6	VE-5	85	
460-135536-1	GT-1	89	
460-135536-3	Rinse Blank-1	91	
460-135536-4	Rinse Blank-2	90	
460-135536-5	GT-6	96	
460-135536-6	GT-7	95	
460-135536-7	VE-1R	84	

TestAmerica Edison

Surrogate Summary

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

TestAmerica Job ID: 460-135385-1

Method: 8015D - Hydrocarbon Product Identification (GC) (Continued)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTPH (34-158)
460-135536-8	VP-A	82
460-135536-9	VP-B	91
460-135536-10	GW-DUP	91
LCS 460-444195/2-A	Lab Control Sample	94
LCS 460-444582/2-A	Lab Control Sample	103
LCSD 460-444195/3-A	Lab Control Sample Dup	92
LCSD 460-444582/3-A	Lab Control Sample Dup	81
MB 460-444195/1-A	Method Blank	90
MB 460-444582/1-A	Method Blank	94

Surrogate Legend

OTPH = o-Terphenyl

QC Sample Results

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

TestAmerica Job ID: 460-135385-1

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

Lab Sample ID: MB 460-445791/7

Matrix: Water

Analysis Batch: 445791

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			06/26/17 11:14	1
Acetonitrile	10	U	10	1.3	ug/L			06/26/17 11:14	1
Benzene	1.0	U	1.0	0.090	ug/L			06/26/17 11:14	1
Benzyl chloride	10	U	10	0.15	ug/L			06/26/17 11:14	1
Bromodichloromethane	50	U	50	0.15	ug/L			06/26/17 11:14	1
Bromoform	5.0	U	5.0	0.18	ug/L			06/26/17 11:14	1
Bromomethane	5.0	U	5.0	0.18	ug/L			06/26/17 11:14	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			06/26/17 11:14	1
Carbon disulfide	60	U	60	0.22	ug/L			06/26/17 11:14	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			06/26/17 11:14	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			06/26/17 11:14	1
Chloroethane	5.0	U	5.0	0.37	ug/L			06/26/17 11:14	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			06/26/17 11:14	1
Chloroform	7.0	U	7.0	0.22	ug/L			06/26/17 11:14	1
Chloromethane	5.0	U	5.0	0.22	ug/L			06/26/17 11:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			06/26/17 11:14	1
Dibromochloromethane	50	U	50	0.22	ug/L			06/26/17 11:14	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			06/26/17 11:14	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			06/26/17 11:14	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			06/26/17 11:14	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/26/17 11:14	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/26/17 11:14	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			06/26/17 11:14	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			06/26/17 11:14	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			06/26/17 11:14	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			06/26/17 11:14	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			06/26/17 11:14	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/26/17 11:14	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			06/26/17 11:14	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			06/26/17 11:14	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			06/26/17 11:14	1
Methyl methacrylate	50	U	50	0.21	ug/L			06/26/17 11:14	1
m&p-Xylene	10	U	10	0.28	ug/L			06/26/17 11:14	1
o-Xylene	5.0	U	5.0	0.32	ug/L			06/26/17 11:14	1
Styrene	5.0	U	5.0	0.17	ug/L			06/26/17 11:14	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			06/26/17 11:14	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			06/26/17 11:14	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			06/26/17 11:14	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			06/26/17 11:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/26/17 11:14	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			06/26/17 11:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			06/26/17 11:14	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			06/26/17 11:14	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			06/26/17 11:14	1
Toluene	5.0	U	5.0	0.25	ug/L			06/26/17 11:14	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			06/26/17 11:14	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			06/26/17 11:14	1
Xylenes, Total	15	U	15	0.28	ug/L			06/26/17 11:14	1

TestAmerica Edison

QC Sample Results

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

TestAmerica Job ID: 460-135385-1

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

Lab Sample ID: MB 460-445791/7

Matrix: Water

Analysis Batch: 445791

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			06/26/17 11:14	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			06/26/17 11:14	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			06/26/17 11:14	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			06/26/17 11:14	1
Iodomethane	5.0	U	5.0	0.19	ug/L			06/26/17 11:14	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			06/26/17 11:14	1
Methacrylonitrile	5.0	U	5.0	0.96	ug/L			06/26/17 11:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		74 - 132		06/26/17 11:14	1
4-Bromofluorobenzene	86		77 - 124		06/26/17 11:14	1
Toluene-d8 (Surr)	94		80 - 120		06/26/17 11:14	1
Dibromofluoromethane (Surr)	93		72 - 131		06/26/17 11:14	1

Lab Sample ID: LCS 460-445791/3

Matrix: Water

Analysis Batch: 445791

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	64.3		ug/L		64	39 - 150
Acetonitrile	200	258		ug/L		129	37 - 150
Benzene	20.0	19.2		ug/L		96	77 - 121
Benzyl chloride	20.0	13.6		ug/L		68	48 - 133
Bromodichloromethane	20.0	16.7	J	ug/L		83	76 - 120
Bromoform	20.0	15.0		ug/L		75	53 - 120
Bromomethane	20.0	18.0		ug/L		90	10 - 150
4-Methyl-2-pentanone (MIBK)	100	89.2		ug/L		89	78 - 124
Carbon disulfide	20.0	13.8	J	ug/L		69	69 - 133
Carbon tetrachloride	20.0	14.9		ug/L		74	70 - 132
Chlorobenzene	20.0	19.0		ug/L		95	80 - 120
Chloroethane	20.0	18.1		ug/L		91	52 - 150
2-Chloroethyl vinyl ether	20.0	16.2	J	ug/L		81	43 - 146
Chloroform	20.0	17.6		ug/L		88	80 - 120
Chloromethane	20.0	19.7		ug/L		98	56 - 131
cis-1,3-Dichloropropene	20.0	17.2		ug/L		86	77 - 120
Dibromochloromethane	20.0	16.4	J	ug/L		82	73 - 120
Dibromomethane	20.0	17.4		ug/L		87	79 - 120
1,2-Dibromo-3-Chloropropane	20.0	16.2		ug/L		81	55 - 134
1,2-Dichlorobenzene	20.0	18.6		ug/L		93	80 - 120
1,3-Dichlorobenzene	20.0	18.5		ug/L		93	80 - 120
1,4-Dichlorobenzene	20.0	17.9		ug/L		90	80 - 120
Dichlorodifluoromethane	20.0	9.80	*	ug/L		49	50 - 131
1,1-Dichloroethane	20.0	18.7		ug/L		94	77 - 123
1,2-Dichloroethane	20.0	16.7		ug/L		84	76 - 121
1,1-Dichloroethene	20.0	15.4		ug/L		77	74 - 123
1,2-Dichloroethene, Total	40.0	34.5		ug/L		86	80 - 120
1,2-Dichloropropane	20.0	19.7		ug/L		98	77 - 123
Ethylbenzene	20.0	18.6		ug/L		93	80 - 120

TestAmerica Edison

QC Sample Results

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

TestAmerica Job ID: 460-135385-1

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

Lab Sample ID: LCS 460-445791/3

Matrix: Water

Analysis Batch: 445791

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	80.8		ug/L		81	64 - 120
Methylene Chloride	20.0	17.3		ug/L		87	77 - 123
Methyl methacrylate	40.0	35.3	J	ug/L		88	71 - 124
m&p-Xylene	20.0	18.4		ug/L		92	80 - 120
o-Xylene	20.0	18.5		ug/L		92	80 - 120
Styrene	20.0	18.0		ug/L		90	80 - 120
1,1,1,2-Tetrachloroethane	20.0	16.3		ug/L		81	77 - 120
1,1,2,2-Tetrachloroethane	20.0	18.6		ug/L		93	74 - 120
Tetrachloroethene	20.0	17.6		ug/L		88	78 - 122
trans-1,2-Dichloroethene	20.0	16.8		ug/L		84	79 - 120
trans-1,3-Dichloropropene	20.0	16.6		ug/L		83	76 - 120
1,1,1-Trichloroethane	20.0	15.5		ug/L		77	75 - 125
1,1,2-Trichloroethane	20.0	18.6		ug/L		93	78 - 120
Trichloroethene	20.0	18.0		ug/L		90	77 - 120
1,2,3-Trichloropropane	20.0	16.9		ug/L		84	76 - 120
Toluene	20.0	17.9		ug/L		90	80 - 120
Vinyl acetate	40.0	35.8		ug/L		89	10 - 150
Vinyl chloride	20.0	18.0		ug/L		90	62 - 138
Xylenes, Total	40.0	36.9		ug/L		92	80 - 120
2-Hexanone	100	92.5		ug/L		93	71 - 125
cis-1,2-Dichloroethene	20.0	17.7		ug/L		89	80 - 120
1,2-Dibromoethane	20.0	17.7		ug/L		88	80 - 120
Ethyl methacrylate	20.0	16.8		ug/L		84	70 - 121
Iodomethane	20.0	10.6		ug/L		53	10 - 147
trans-1,4-Dichloro-2-butene	20.0	17.1		ug/L		86	61 - 122
Methacrylonitrile	200	207		ug/L		103	77 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	89		74 - 132
4-Bromofluorobenzene	95		77 - 124
Toluene-d8 (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	96		72 - 131

Lab Sample ID: LCSD 460-445791/4

Matrix: Water

Analysis Batch: 445791

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	62.8		ug/L		63	39 - 150	2	30
Acetonitrile	200	266		ug/L		133	37 - 150	3	30
Benzene	20.0	18.4		ug/L		92	77 - 121	5	30
Benzyl chloride	20.0	12.8		ug/L		64	48 - 133	6	30
Bromodichloromethane	20.0	16.1	J	ug/L		81	76 - 120	3	30
Bromoform	20.0	14.3		ug/L		72	53 - 120	5	30
Bromomethane	20.0	19.1		ug/L		96	10 - 150	6	30
4-Methyl-2-pentanone (MIBK)	100	88.1		ug/L		88	78 - 124	1	30
Carbon disulfide	20.0	13.1	J *	ug/L		66	69 - 133	5	30
Carbon tetrachloride	20.0	14.2		ug/L		71	70 - 132	4	30

TestAmerica Edison

QC Sample Results

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

TestAmerica Job ID: 460-135385-1

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

Lab Sample ID: LCSD 460-445791/4

Matrix: Water

Analysis Batch: 445791

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	18.1		ug/L		91	80 - 120	5	30
Chloroethane	20.0	17.8		ug/L		89	52 - 150	2	30
2-Chloroethyl vinyl ether	20.0	18.0	J	ug/L		90	43 - 146	11	30
Chloroform	20.0	17.1		ug/L		85	80 - 120	3	30
Chloromethane	20.0	19.2		ug/L		96	56 - 131	2	30
cis-1,3-Dichloropropene	20.0	16.8		ug/L		84	77 - 120	2	30
Dibromochloromethane	20.0	15.7	J	ug/L		78	73 - 120	5	30
Dibromomethane	20.0	17.6		ug/L		88	79 - 120	1	30
1,2-Dibromo-3-Chloropropane	20.0	15.2		ug/L		76	55 - 134	6	30
1,2-Dichlorobenzene	20.0	17.9		ug/L		90	80 - 120	4	30
1,3-Dichlorobenzene	20.0	17.8		ug/L		89	80 - 120	4	30
1,4-Dichlorobenzene	20.0	17.2		ug/L		86	80 - 120	4	30
Dichlorodifluoromethane	20.0	9.21	*	ug/L		46	50 - 131	6	30
1,1-Dichloroethane	20.0	18.4		ug/L		92	77 - 123	2	30
1,2-Dichloroethane	20.0	16.7		ug/L		84	76 - 121	0	30
1,1-Dichloroethene	20.0	14.9		ug/L		74	74 - 123	4	30
1,2-Dichloroethene, Total	40.0	33.2		ug/L		83	80 - 120	4	30
1,2-Dichloropropane	20.0	19.3		ug/L		97	77 - 123	2	30
Ethylbenzene	20.0	17.8		ug/L		89	80 - 120	4	30
2-Butanone (MEK)	100	79.1		ug/L		79	64 - 120	2	30
Methylene Chloride	20.0	16.9		ug/L		84	77 - 123	3	30
Methyl methacrylate	40.0	34.5	J	ug/L		86	71 - 124	2	30
m&p-Xylene	20.0	17.2		ug/L		86	80 - 120	7	30
o-Xylene	20.0	17.6		ug/L		88	80 - 120	5	30
Styrene	20.0	17.4		ug/L		87	80 - 120	4	30
1,1,1,2-Tetrachloroethane	20.0	16.1		ug/L		80	77 - 120	1	30
1,1,2,2-Tetrachloroethane	20.0	17.7		ug/L		89	74 - 120	5	30
Tetrachloroethene	20.0	16.4		ug/L		82	78 - 122	7	30
trans-1,2-Dichloroethene	20.0	16.1		ug/L		81	79 - 120	4	30
trans-1,3-Dichloropropene	20.0	16.2		ug/L		81	76 - 120	2	30
1,1,1-Trichloroethane	20.0	14.7	*	ug/L		74	75 - 125	5	30
1,1,2-Trichloroethane	20.0	18.2		ug/L		91	78 - 120	2	30
Trichloroethene	20.0	17.6		ug/L		88	77 - 120	2	30
1,2,3-Trichloropropane	20.0	15.5		ug/L		78	76 - 120	8	30
Toluene	20.0	17.3		ug/L		87	80 - 120	4	30
Vinyl acetate	40.0	35.0		ug/L		88	10 - 150	2	30
Vinyl chloride	20.0	17.1		ug/L		85	62 - 138	6	30
Xylenes, Total	40.0	34.9		ug/L		87	80 - 120	6	30
2-Hexanone	100	87.5		ug/L		88	71 - 125	6	30
cis-1,2-Dichloroethene	20.0	17.1		ug/L		86	80 - 120	3	30
1,2-Dibromoethane	20.0	17.1		ug/L		85	80 - 120	3	30
Ethyl methacrylate	20.0	16.3		ug/L		81	70 - 121	3	30
Iodomethane	20.0	10.8		ug/L		54	10 - 147	2	30
trans-1,4-Dichloro-2-butene	20.0	15.4		ug/L		77	61 - 122	11	30
Methacrylonitrile	200	201		ug/L		100	77 - 130	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	93		74 - 132

TestAmerica Edison

QC Sample Results

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

TestAmerica Job ID: 460-135385-1

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

Lab Sample ID: LCSD 460-445791/4

Matrix: Water

Analysis Batch: 445791

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	94		77 - 124
Toluene-d8 (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	97		72 - 131

Lab Sample ID: MB 460-445936/8

Matrix: Water

Analysis Batch: 445936

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			06/27/17 01:16	1
Acetonitrile	10	U	10	1.3	ug/L			06/27/17 01:16	1
Benzene	1.0	U	1.0	0.090	ug/L			06/27/17 01:16	1
Benzyl chloride	10	U	10	0.15	ug/L			06/27/17 01:16	1
Bromodichloromethane	50	U	50	0.15	ug/L			06/27/17 01:16	1
Bromoform	5.0	U	5.0	0.18	ug/L			06/27/17 01:16	1
Bromomethane	5.0	U	5.0	0.18	ug/L			06/27/17 01:16	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			06/27/17 01:16	1
Carbon disulfide	60	U	60	0.22	ug/L			06/27/17 01:16	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			06/27/17 01:16	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			06/27/17 01:16	1
Chloroethane	5.0	U	5.0	0.37	ug/L			06/27/17 01:16	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			06/27/17 01:16	1
Chloroform	7.0	U	7.0	0.22	ug/L			06/27/17 01:16	1
Chloromethane	5.0	U	5.0	0.22	ug/L			06/27/17 01:16	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			06/27/17 01:16	1
Dibromochloromethane	50	U	50	0.22	ug/L			06/27/17 01:16	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			06/27/17 01:16	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			06/27/17 01:16	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			06/27/17 01:16	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 01:16	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 01:16	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			06/27/17 01:16	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			06/27/17 01:16	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			06/27/17 01:16	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			06/27/17 01:16	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			06/27/17 01:16	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/27/17 01:16	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			06/27/17 01:16	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			06/27/17 01:16	1
Methylene Chloride	5.0	U	5.0	0.21	ug/L			06/27/17 01:16	1
Methyl methacrylate	50	U	50	0.21	ug/L			06/27/17 01:16	1
m&p-Xylene	10	U	10	0.28	ug/L			06/27/17 01:16	1
o-Xylene	5.0	U	5.0	0.32	ug/L			06/27/17 01:16	1
Styrene	5.0	U	5.0	0.17	ug/L			06/27/17 01:16	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			06/27/17 01:16	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			06/27/17 01:16	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			06/27/17 01:16	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			06/27/17 01:16	1

TestAmerica Edison

QC Sample Results

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

TestAmerica Job ID: 460-135385-1

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

Lab Sample ID: MB 460-445936/8

Matrix: Water

Analysis Batch: 445936

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/27/17 01:16	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			06/27/17 01:16	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			06/27/17 01:16	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			06/27/17 01:16	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			06/27/17 01:16	1
Toluene	5.0	U	5.0	0.25	ug/L			06/27/17 01:16	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			06/27/17 01:16	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			06/27/17 01:16	1
Xylenes, Total	15	U	15	0.28	ug/L			06/27/17 01:16	1
2-Hexanone	50	U	50	0.72	ug/L			06/27/17 01:16	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			06/27/17 01:16	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			06/27/17 01:16	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			06/27/17 01:16	1
Iodomethane	5.0	U	5.0	0.19	ug/L			06/27/17 01:16	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			06/27/17 01:16	1
Methacrylonitrile	5.0	U	5.0	0.96	ug/L			06/27/17 01:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		74 - 132		06/27/17 01:16	1
4-Bromofluorobenzene	87		77 - 124		06/27/17 01:16	1
Toluene-d8 (Surr)	94		80 - 120		06/27/17 01:16	1
Dibromofluoromethane (Surr)	92		72 - 131		06/27/17 01:16	1

Lab Sample ID: LCS 460-445936/4

Matrix: Water

Analysis Batch: 445936

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	68.2		ug/L		68	39 - 150
Acetonitrile	200	295		ug/L		147	37 - 150
Benzene	20.0	20.7		ug/L		103	77 - 121
Benzyl chloride	20.0	14.9		ug/L		75	48 - 133
Bromodichloromethane	20.0	17.9	J	ug/L		89	76 - 120
Bromoform	20.0	15.0		ug/L		75	53 - 120
Bromomethane	20.0	22.3		ug/L		112	10 - 150
4-Methyl-2-pentanone (MIBK)	100	95.4		ug/L		95	78 - 124
Carbon disulfide	20.0	16.4	J	ug/L		82	69 - 133
Carbon tetrachloride	20.0	17.7		ug/L		89	70 - 132
Chlorobenzene	20.0	20.2		ug/L		101	80 - 120
Chloroethane	20.0	18.7		ug/L		93	52 - 150
2-Chloroethyl vinyl ether	20.0	16.0	J	ug/L		80	43 - 146
Chloroform	20.0	18.8		ug/L		94	80 - 120
Chloromethane	20.0	20.9		ug/L		104	56 - 131
cis-1,3-Dichloropropene	20.0	18.4		ug/L		92	77 - 120
Dibromochloromethane	20.0	17.1	J	ug/L		85	73 - 120
Dibromomethane	20.0	18.1		ug/L		91	79 - 120
1,2-Dibromo-3-Chloropropane	20.0	14.9		ug/L		75	55 - 134
1,2-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120

TestAmerica Edison

QC Sample Results

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

TestAmerica Job ID: 460-135385-1

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

Lab Sample ID: LCS 460-445936/4

Matrix: Water

Analysis Batch: 445936

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120
1,4-Dichlorobenzene	20.0	20.1		ug/L		100	80 - 120
Dichlorodifluoromethane	20.0	16.7		ug/L		84	50 - 131
1,1-Dichloroethane	20.0	20.4		ug/L		102	77 - 123
1,2-Dichloroethane	20.0	17.3		ug/L		87	76 - 121
1,1-Dichloroethene	20.0	17.9		ug/L		89	74 - 123
1,2-Dichloroethene, Total	40.0	37.9		ug/L		95	80 - 120
1,2-Dichloropropane	20.0	20.9		ug/L		104	77 - 123
Ethylbenzene	20.0	20.4		ug/L		102	80 - 120
2-Butanone (MEK)	100	84.6		ug/L		85	64 - 120
Methylene Chloride	20.0	18.5		ug/L		92	77 - 123
Methyl methacrylate	40.0	33.5	J	ug/L		84	71 - 124
m&p-Xylene	20.0	20.4		ug/L		102	80 - 120
o-Xylene	20.0	20.4		ug/L		102	80 - 120
Styrene	20.0	19.8		ug/L		99	80 - 120
1,1,1,2-Tetrachloroethane	20.0	17.3		ug/L		87	77 - 120
1,1,2,2-Tetrachloroethane	20.0	18.5		ug/L		92	74 - 120
Tetrachloroethene	20.0	20.0		ug/L		100	78 - 122
trans-1,2-Dichloroethene	20.0	18.6		ug/L		93	79 - 120
trans-1,3-Dichloropropene	20.0	17.4		ug/L		87	76 - 120
1,1,1-Trichloroethane	20.0	17.5		ug/L		88	75 - 125
1,1,2-Trichloroethane	20.0	19.4		ug/L		97	78 - 120
Trichloroethene	20.0	19.7		ug/L		99	77 - 120
1,2,3-Trichloropropane	20.0	16.3		ug/L		82	76 - 120
Toluene	20.0	19.7		ug/L		98	80 - 120
Vinyl acetate	40.0	36.6		ug/L		91	10 - 150
Vinyl chloride	20.0	20.1		ug/L		101	62 - 138
Xylenes, Total	40.0	40.8		ug/L		102	80 - 120
2-Hexanone	100	96.2		ug/L		96	71 - 125
cis-1,2-Dichloroethene	20.0	19.4		ug/L		97	80 - 120
1,2-Dibromoethane	20.0	18.1		ug/L		90	80 - 120
Ethyl methacrylate	20.0	16.9		ug/L		85	70 - 121
Iodomethane	20.0	13.0		ug/L		65	10 - 147
trans-1,4-Dichloro-2-butene	20.0	16.8		ug/L		84	61 - 122
Methacrylonitrile	200	200		ug/L		100	77 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	84		74 - 132
4-Bromofluorobenzene	91		77 - 124
Toluene-d8 (Surr)	94		80 - 120
Dibromofluoromethane (Surr)	92		72 - 131

Lab Sample ID: LCSD 460-445936/5

Matrix: Water

Analysis Batch: 445936

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	67.8		ug/L		68	39 - 150	1	30

TestAmerica Edison

QC Sample Results

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

TestAmerica Job ID: 460-135385-1

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

Lab Sample ID: LCSD 460-445936/5

Matrix: Water

Analysis Batch: 445936

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
Acetonitrile	200	288		ug/L		144	37 - 150	2	30
Benzene	20.0	20.0		ug/L		100	77 - 121	3	30
Benzyl chloride	20.0	14.3		ug/L		71	48 - 133	5	30
Bromodichloromethane	20.0	17.2	J	ug/L		86	76 - 120	4	30
Bromoform	20.0	14.4		ug/L		72	53 - 120	4	30
Bromomethane	20.0	21.0		ug/L		105	10 - 150	6	30
4-Methyl-2-pentanone (MIBK)	100	94.7		ug/L		95	78 - 124	1	30
Carbon disulfide	20.0	15.6	J	ug/L		78	69 - 133	5	30
Carbon tetrachloride	20.0	16.4		ug/L		82	70 - 132	8	30
Chlorobenzene	20.0	20.0		ug/L		100	80 - 120	1	30
Chloroethane	20.0	16.3		ug/L		81	52 - 150	14	30
2-Chloroethyl vinyl ether	20.0	18.9	J	ug/L		95	43 - 146	17	30
Chloroform	20.0	18.7		ug/L		94	80 - 120	0	30
Chloromethane	20.0	18.3		ug/L		91	56 - 131	13	30
cis-1,3-Dichloropropene	20.0	18.1		ug/L		90	77 - 120	2	30
Dibromochloromethane	20.0	16.6	J	ug/L		83	73 - 120	3	30
Dibromomethane	20.0	18.0		ug/L		90	79 - 120	1	30
1,2-Dibromo-3-Chloropropane	20.0	14.5		ug/L		72	55 - 134	3	30
1,2-Dichlorobenzene	20.0	19.6		ug/L		98	80 - 120	5	30
1,3-Dichlorobenzene	20.0	20.2		ug/L		101	80 - 120	2	30
1,4-Dichlorobenzene	20.0	19.1		ug/L		96	80 - 120	5	30
Dichlorodifluoromethane	20.0	14.6		ug/L		73	50 - 131	14	30
1,1-Dichloroethane	20.0	19.8		ug/L		99	77 - 123	3	30
1,2-Dichloroethane	20.0	17.2		ug/L		86	76 - 121	1	30
1,1-Dichloroethene	20.0	17.0		ug/L		85	74 - 123	5	30
1,2-Dichloroethene, Total	40.0	36.9		ug/L		92	80 - 120	3	30
1,2-Dichloropropane	20.0	20.6		ug/L		103	77 - 123	1	30
Ethylbenzene	20.0	19.5		ug/L		98	80 - 120	4	30
2-Butanone (MEK)	100	85.9		ug/L		86	64 - 120	2	30
Methylene Chloride	20.0	17.8		ug/L		89	77 - 123	4	30
Methyl methacrylate	40.0	33.8	J	ug/L		84	71 - 124	1	30
m&p-Xylene	20.0	19.7		ug/L		98	80 - 120	4	30
o-Xylene	20.0	19.6		ug/L		98	80 - 120	4	30
Styrene	20.0	19.3		ug/L		96	80 - 120	3	30
1,1,1,2-Tetrachloroethane	20.0	17.0		ug/L		85	77 - 120	2	30
1,1,2,2-Tetrachloroethane	20.0	17.7		ug/L		89	74 - 120	4	30
Tetrachloroethene	20.0	18.9		ug/L		94	78 - 122	6	30
trans-1,2-Dichloroethene	20.0	17.9		ug/L		90	79 - 120	3	30
trans-1,3-Dichloropropene	20.0	17.4		ug/L		87	76 - 120	0	30
1,1,1-Trichloroethane	20.0	16.9		ug/L		85	75 - 125	4	30
1,1,2-Trichloroethane	20.0	19.1		ug/L		95	78 - 120	2	30
Trichloroethene	20.0	19.1		ug/L		96	77 - 120	3	30
1,2,3-Trichloropropane	20.0	16.2		ug/L		81	76 - 120	1	30
Toluene	20.0	19.0		ug/L		95	80 - 120	3	30
Vinyl acetate	40.0	35.8		ug/L		89	10 - 150	2	30
Vinyl chloride	20.0	17.2		ug/L		86	62 - 138	16	30
Xylenes, Total	40.0	39.3		ug/L		98	80 - 120	4	30
2-Hexanone	100	93.2		ug/L		93	71 - 125	3	30

TestAmerica Edison

QC Sample Results

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

TestAmerica Job ID: 460-135385-1

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

Lab Sample ID: LCSD 460-445936/5

Matrix: Water

Analysis Batch: 445936

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
cis-1,2-Dichloroethene	20.0	19.0		ug/L		95	80 - 120	2	30
1,2-Dibromoethane	20.0	17.5		ug/L		88	80 - 120	3	30
Ethyl methacrylate	20.0	16.8		ug/L		84	70 - 121	1	30
Iodomethane	20.0	12.6		ug/L		63	10 - 147	3	30
trans-1,4-Dichloro-2-butene	20.0	16.7		ug/L		84	61 - 122	0	30
Methacrylonitrile	200	196		ug/L		98	77 - 130	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	85		74 - 132
4-Bromofluorobenzene	94		77 - 124
Toluene-d8 (Surr)	95		80 - 120
Dibromofluoromethane (Surr)	91		72 - 131

Lab Sample ID: MB 460-446090/8

Matrix: Water

Analysis Batch: 446090

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			06/27/17 12:42	1
Acetonitrile	10	U	10	1.3	ug/L			06/27/17 12:42	1
Benzene	1.0	U	1.0	0.090	ug/L			06/27/17 12:42	1
Benzyl chloride	10	U	10	0.15	ug/L			06/27/17 12:42	1
Bromodichloromethane	50	U	50	0.15	ug/L			06/27/17 12:42	1
Bromoform	5.0	U	5.0	0.18	ug/L			06/27/17 12:42	1
Bromomethane	5.0	U	5.0	0.18	ug/L			06/27/17 12:42	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			06/27/17 12:42	1
Carbon disulfide	60	U	60	0.22	ug/L			06/27/17 12:42	1
Carbon tetrachloride	5.0	U	5.0	0.33	ug/L			06/27/17 12:42	1
Chlorobenzene	5.0	U	5.0	0.24	ug/L			06/27/17 12:42	1
Chloroethane	5.0	U	5.0	0.37	ug/L			06/27/17 12:42	1
2-Chloroethyl vinyl ether	20	U	20	0.17	ug/L			06/27/17 12:42	1
Chloroform	7.0	U	7.0	0.22	ug/L			06/27/17 12:42	1
Chloromethane	5.0	U	5.0	0.22	ug/L			06/27/17 12:42	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			06/27/17 12:42	1
Dibromochloromethane	50	U	50	0.22	ug/L			06/27/17 12:42	1
Dibromomethane	5.0	U	5.0	0.13	ug/L			06/27/17 12:42	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			06/27/17 12:42	1
1,2-Dichlorobenzene	3.0	U	3.0	0.22	ug/L			06/27/17 12:42	1
1,3-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 12:42	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			06/27/17 12:42	1
Dichlorodifluoromethane	5.0	U	5.0	0.14	ug/L			06/27/17 12:42	1
1,1-Dichloroethane	5.0	U	5.0	0.24	ug/L			06/27/17 12:42	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			06/27/17 12:42	1
1,1-Dichloroethene	5.0	U	5.0	0.34	ug/L			06/27/17 12:42	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.18	ug/L			06/27/17 12:42	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/27/17 12:42	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			06/27/17 12:42	1
2-Butanone (MEK)	50	U	50	2.2	ug/L			06/27/17 12:42	1

TestAmerica Edison

QC Sample Results

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

TestAmerica Job ID: 460-135385-1

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

Lab Sample ID: MB 460-446090/8

Matrix: Water

Analysis Batch: 446090

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	5.0	U	5.0	0.21	ug/L			06/27/17 12:42	1
Methyl methacrylate	50	U	50	0.21	ug/L			06/27/17 12:42	1
m&p-Xylene	10	U	10	0.28	ug/L			06/27/17 12:42	1
o-Xylene	5.0	U	5.0	0.32	ug/L			06/27/17 12:42	1
Styrene	5.0	U	5.0	0.17	ug/L			06/27/17 12:42	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.22	ug/L			06/27/17 12:42	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.19	ug/L			06/27/17 12:42	1
Tetrachloroethene	5.0	U	5.0	0.12	ug/L			06/27/17 12:42	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.18	ug/L			06/27/17 12:42	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/27/17 12:42	1
1,1,1-Trichloroethane	5.0	U	5.0	0.28	ug/L			06/27/17 12:42	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			06/27/17 12:42	1
Trichloroethene	5.0	U	5.0	0.22	ug/L			06/27/17 12:42	1
1,2,3-Trichloropropane	1.0	U	1.0	0.36	ug/L			06/27/17 12:42	1
Toluene	5.0	U	5.0	0.25	ug/L			06/27/17 12:42	1
Vinyl acetate	5.0	U	5.0	0.48	ug/L			06/27/17 12:42	1
Vinyl chloride	2.0	U	2.0	0.060	ug/L			06/27/17 12:42	1
Xylenes, Total	15	U	15	0.28	ug/L			06/27/17 12:42	1
2-Hexanone	50	U	50	0.72	ug/L			06/27/17 12:42	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.26	ug/L			06/27/17 12:42	1
1,2-Dibromoethane	5.0	U	5.0	0.19	ug/L			06/27/17 12:42	1
Ethyl methacrylate	5.0	U	5.0	0.12	ug/L			06/27/17 12:42	1
Iodomethane	5.0	U	5.0	0.19	ug/L			06/27/17 12:42	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.18	ug/L			06/27/17 12:42	1
Methacrylonitrile	5.0	U	5.0	0.96	ug/L			06/27/17 12:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		74 - 132		06/27/17 12:42	1
4-Bromofluorobenzene	102		77 - 124		06/27/17 12:42	1
Toluene-d8 (Surr)	93		80 - 120		06/27/17 12:42	1
Dibromofluoromethane (Surr)	104		72 - 131		06/27/17 12:42	1

Lab Sample ID: LCS 460-446090/4

Matrix: Water

Analysis Batch: 446090

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	99.6		ug/L		100	39 - 150
Acetonitrile	200	168		ug/L		84	37 - 150
Benzene	20.0	17.8		ug/L		89	77 - 121
Benzyl chloride	20.0	18.8		ug/L		94	48 - 133
Bromodichloromethane	20.0	17.0	J	ug/L		85	76 - 120
Bromoform	20.0	19.0		ug/L		95	53 - 120
Bromomethane	20.0	15.2		ug/L		76	10 - 150
4-Methyl-2-pentanone (MIBK)	100	89.3		ug/L		89	78 - 124
Carbon disulfide	20.0	16.0	J	ug/L		80	69 - 133
Carbon tetrachloride	20.0	20.3		ug/L		101	70 - 132
Chlorobenzene	20.0	18.5		ug/L		93	80 - 120

TestAmerica Edison

QC Sample Results

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

TestAmerica Job ID: 460-135385-1

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

Lab Sample ID: LCS 460-446090/4

Matrix: Water

Analysis Batch: 446090

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	20.0	17.0		ug/L		85	52 - 150
2-Chloroethyl vinyl ether	20.0	16.6	J	ug/L		83	43 - 146
Chloroform	20.0	18.8		ug/L		94	80 - 120
Chloromethane	20.0	12.5		ug/L		63	56 - 131
cis-1,3-Dichloropropene	20.0	17.8		ug/L		89	77 - 120
Dibromochloromethane	20.0	19.1	J	ug/L		96	73 - 120
Dibromomethane	20.0	18.0		ug/L		90	79 - 120
1,2-Dibromo-3-Chloropropane	20.0	22.2		ug/L		111	55 - 134
1,2-Dichlorobenzene	20.0	18.4		ug/L		92	80 - 120
1,3-Dichlorobenzene	20.0	18.5		ug/L		92	80 - 120
1,4-Dichlorobenzene	20.0	17.9		ug/L		90	80 - 120
Dichlorodifluoromethane	20.0	17.6		ug/L		88	50 - 131
1,1-Dichloroethane	20.0	16.2		ug/L		81	77 - 123
1,2-Dichloroethane	20.0	18.7		ug/L		94	76 - 121
1,1-Dichloroethene	20.0	18.6		ug/L		93	74 - 123
1,2-Dichloroethene, Total	40.0	36.6		ug/L		91	80 - 120
1,2-Dichloropropane	20.0	15.4		ug/L		77	77 - 123
Ethylbenzene	20.0	18.2		ug/L		91	80 - 120
2-Butanone (MEK)	100	105		ug/L		105	64 - 120
Methylene Chloride	20.0	17.3		ug/L		87	77 - 123
Methyl methacrylate	40.0	39.7	J	ug/L		99	71 - 124
m&p-Xylene	20.0	18.3		ug/L		92	80 - 120
o-Xylene	20.0	18.0		ug/L		90	80 - 120
Styrene	20.0	18.9		ug/L		94	80 - 120
1,1,1,2-Tetrachloroethane	20.0	18.5		ug/L		93	77 - 120
1,1,2,2-Tetrachloroethane	20.0	16.0		ug/L		80	74 - 120
Tetrachloroethene	20.0	20.9		ug/L		105	78 - 122
trans-1,2-Dichloroethene	20.0	18.2		ug/L		91	79 - 120
trans-1,3-Dichloropropene	20.0	16.5		ug/L		82	76 - 120
1,1,1-Trichloroethane	20.0	19.8		ug/L		99	75 - 125
1,1,2-Trichloroethane	20.0	16.4		ug/L		82	78 - 120
Trichloroethene	20.0	17.4		ug/L		87	77 - 120
1,2,3-Trichloropropane	20.0	17.0		ug/L		85	76 - 120
Toluene	20.0	17.6		ug/L		88	80 - 120
Vinyl acetate	40.0	33.3		ug/L		83	10 - 150
Vinyl chloride	20.0	15.3		ug/L		77	62 - 138
Xylenes, Total	40.0	36.4		ug/L		91	80 - 120
2-Hexanone	100	92.4		ug/L		92	71 - 125
cis-1,2-Dichloroethene	20.0	18.4		ug/L		92	80 - 120
1,2-Dibromoethane	20.0	19.0		ug/L		95	80 - 120
Ethyl methacrylate	20.0	16.4		ug/L		82	70 - 121
Iodomethane	20.0	17.0		ug/L		85	10 - 147
trans-1,4-Dichloro-2-butene	20.0	14.2		ug/L		71	61 - 122
Methacrylonitrile	200	177		ug/L		88	77 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		74 - 132
4-Bromofluorobenzene	108		77 - 124

TestAmerica Edison

QC Sample Results

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

TestAmerica Job ID: 460-135385-1

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

Lab Sample ID: LCS 460-446090/4

Matrix: Water

Analysis Batch: 446090

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	101		72 - 131

Lab Sample ID: LCSD 460-446090/5

Matrix: Water

Analysis Batch: 446090

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	89.5		ug/L		90	39 - 150	11	30
Acetonitrile	200	157		ug/L		79	37 - 150	7	30
Benzene	20.0	17.4		ug/L		87	77 - 121	2	30
Benzyl chloride	20.0	19.5		ug/L		98	48 - 133	4	30
Bromodichloromethane	20.0	18.2	J	ug/L		91	76 - 120	7	30
Bromoform	20.0	19.6		ug/L		98	53 - 120	3	30
Bromomethane	20.0	18.5		ug/L		92	10 - 150	19	30
4-Methyl-2-pentanone (MIBK)	100	89.6		ug/L		90	78 - 124	0	30
Carbon disulfide	20.0	16.2	J	ug/L		81	69 - 133	1	30
Carbon tetrachloride	20.0	21.9		ug/L		109	70 - 132	8	30
Chlorobenzene	20.0	17.9		ug/L		90	80 - 120	3	30
Chloroethane	20.0	17.0		ug/L		85	52 - 150	0	30
2-Chloroethyl vinyl ether	20.0	17.0	J	ug/L		85	43 - 146	2	30
Chloroform	20.0	18.6		ug/L		93	80 - 120	1	30
Chloromethane	20.0	13.2		ug/L		66	56 - 131	5	30
cis-1,3-Dichloropropene	20.0	18.4		ug/L		92	77 - 120	3	30
Dibromochloromethane	20.0	20.2	J	ug/L		101	73 - 120	5	30
Dibromomethane	20.0	18.2		ug/L		91	79 - 120	1	30
1,2-Dibromo-3-Chloropropane	20.0	23.4		ug/L		117	55 - 134	5	30
1,2-Dichlorobenzene	20.0	18.4		ug/L		92	80 - 120	0	30
1,3-Dichlorobenzene	20.0	19.3		ug/L		96	80 - 120	4	30
1,4-Dichlorobenzene	20.0	18.7		ug/L		93	80 - 120	4	30
Dichlorodifluoromethane	20.0	17.7		ug/L		88	50 - 131	1	30
1,1-Dichloroethane	20.0	16.9		ug/L		85	77 - 123	4	30
1,2-Dichloroethane	20.0	18.4		ug/L		92	76 - 121	2	30
1,1-Dichloroethene	20.0	20.1		ug/L		100	74 - 123	8	30
1,2-Dichloroethene, Total	40.0	39.0		ug/L		98	80 - 120	6	30
1,2-Dichloropropane	20.0	15.7		ug/L		79	77 - 123	2	30
Ethylbenzene	20.0	18.9		ug/L		95	80 - 120	4	30
2-Butanone (MEK)	100	97.2		ug/L		97	64 - 120	8	30
Methylene Chloride	20.0	17.5		ug/L		87	77 - 123	1	30
Methyl methacrylate	40.0	41.0	J	ug/L		103	71 - 124	3	30
m&p-Xylene	20.0	19.2		ug/L		96	80 - 120	5	30
o-Xylene	20.0	19.3		ug/L		97	80 - 120	7	30
Styrene	20.0	19.2		ug/L		96	80 - 120	1	30
1,1,1,2-Tetrachloroethane	20.0	18.0		ug/L		90	77 - 120	3	30
1,1,2,2-Tetrachloroethane	20.0	16.6		ug/L		83	74 - 120	4	30
Tetrachloroethene	20.0	22.0		ug/L		110	78 - 122	5	30
trans-1,2-Dichloroethene	20.0	19.1		ug/L		95	79 - 120	5	30
trans-1,3-Dichloropropene	20.0	17.7		ug/L		89	76 - 120	7	30

TestAmerica Edison

QC Sample Results

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

TestAmerica Job ID: 460-135385-1

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

Lab Sample ID: LCSD 460-446090/5

Matrix: Water

Analysis Batch: 446090

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
1,1,1-Trichloroethane	20.0	20.0		ug/L		100	75 - 125	1	30
1,1,2-Trichloroethane	20.0	17.1		ug/L		85	78 - 120	4	30
Trichloroethene	20.0	19.1		ug/L		95	77 - 120	9	30
1,2,3-Trichloropropane	20.0	17.7		ug/L		89	76 - 120	4	30
Toluene	20.0	17.6		ug/L		88	80 - 120	0	30
Vinyl acetate	40.0	35.2		ug/L		88	10 - 150	6	30
Vinyl chloride	20.0	15.6		ug/L		78	62 - 138	1	30
Xylenes, Total	40.0	38.5		ug/L		96	80 - 120	6	30
2-Hexanone	100	90.4		ug/L		90	71 - 125	2	30
cis-1,2-Dichloroethene	20.0	19.9		ug/L		100	80 - 120	8	30
1,2-Dibromoethane	20.0	17.7		ug/L		89	80 - 120	7	30
Ethyl methacrylate	20.0	17.0		ug/L		85	70 - 121	4	30
Iodomethane	20.0	18.8		ug/L		94	10 - 147	10	30
trans-1,4-Dichloro-2-butene	20.0	15.6		ug/L		78	61 - 122	9	30
Methacrylonitrile	200	183		ug/L		92	77 - 130	4	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		74 - 132
4-Bromofluorobenzene	109		77 - 124
Toluene-d8 (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	104		72 - 131

Method: 8015D - Hydrocarbon Product Identification (GC)

Lab Sample ID: MB 460-444195/1-A

Matrix: Water

Analysis Batch: 444364

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 444195

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	50	U	50	6.5	ug/L		06/18/17 07:15	06/19/17 10:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	90		34 - 158	06/18/17 07:15	06/19/17 10:39	1

Lab Sample ID: LCS 460-444195/2-A

Matrix: Water

Analysis Batch: 444364

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 444195

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mineral Spirits	2000	2530		ug/L		126	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl	94		34 - 158

QC Sample Results

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

TestAmerica Job ID: 460-135385-1

Method: 8015D - Hydrocarbon Product Identification (GC) (Continued)

Lab Sample ID: LCSD 460-444195/3-A

Matrix: Water

Analysis Batch: 444364

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 444195

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mineral Spirits	2000	1480	*	ug/L		74	70 - 130	52	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
o-Terphenyl	92		34 - 158						

Lab Sample ID: MB 460-444582/1-A

Matrix: Water

Analysis Batch: 444791

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 444582

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	50	U	50	6.5	ug/L		06/20/17 08:03	06/21/17 03:42	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
o-Terphenyl	94		34 - 158						
							Prepared	Analyzed	Dil Fac
							06/20/17 08:03	06/21/17 03:42	1

Lab Sample ID: LCS 460-444582/2-A

Matrix: Water

Analysis Batch: 444791

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 444582

			Spike	LCS	LCS			%Rec.			
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Mineral Spirits			2000	2070		ug/L		103	70 - 130		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
o-Terphenyl	103		34 - 158								

Lab Sample ID: LCSD 460-444582/3-A

Matrix: Water

Analysis Batch: 444791

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 444582

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mineral Spirits	2000	1460	*	ug/L		73	70 - 130	35	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
o-Terphenyl	81		34 - 158						

Definitions/Glossary

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

TestAmerica Job ID: 460-135385-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Analyzed for but not detected.
J	Indicates an estimated value.
*	LCS or LCSD is outside acceptance limits.

GC Semi VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
U	Analyzed for but not detected.

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: 460-135385-1

GC/MS VOA

Analysis Batch: 445791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-135385-5	DW-1	Total/NA	Water	8260C	
MB 460-445791/7	Method Blank	Total/NA	Water	8260C	
LCS 460-445791/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-445791/4	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 445936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-135385-1	Trip Blank-1	Total/NA	Water	8260C	
460-135385-2	GT-2	Total/NA	Water	8260C	
460-135385-3	GT-3	Total/NA	Water	8260C	
460-135385-4	GT-5	Total/NA	Water	8260C	
460-135385-6	VE-5	Total/NA	Water	8260C	
MB 460-445936/8	Method Blank	Total/NA	Water	8260C	
LCS 460-445936/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-445936/5	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 446090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-135536-1	GT-1	Total/NA	Water	8260C	
460-135536-2	Trip Blank-2	Total/NA	Water	8260C	
460-135536-3	Rinse Blank-1	Total/NA	Water	8260C	
460-135536-4	Rinse Blank-2	Total/NA	Water	8260C	
460-135536-5	GT-6	Total/NA	Water	8260C	
460-135536-6	GT-7	Total/NA	Water	8260C	
460-135536-7	VE-1R	Total/NA	Water	8260C	
460-135536-8	VP-A	Total/NA	Water	8260C	
460-135536-9	VP-B	Total/NA	Water	8260C	
460-135536-10	GW-DUP	Total/NA	Water	8260C	
MB 460-446090/8	Method Blank	Total/NA	Water	8260C	
LCS 460-446090/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-446090/5	Lab Control Sample Dup	Total/NA	Water	8260C	

GC Semi VOA

Prep Batch: 444195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-135385-2	GT-2	Total/NA	Water	3510C	
460-135385-3	GT-3	Total/NA	Water	3510C	
460-135385-4	GT-5	Total/NA	Water	3510C	
460-135385-5	DW-1	Total/NA	Water	3510C	
460-135385-6	VE-5	Total/NA	Water	3510C	
MB 460-444195/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-444195/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-444195/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 444364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-135385-2	GT-2	Total/NA	Water	8015D	444195
460-135385-3	GT-3	Total/NA	Water	8015D	444195
460-135385-4	GT-5	Total/NA	Water	8015D	444195

TestAmerica Edison

QC Association Summary

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

TestAmerica Job ID: 460-135385-1

GC Semi VOA (Continued)

Analysis Batch: 444364 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-135385-5	DW-1	Total/NA	Water	8015D	444195
460-135385-6	VE-5	Total/NA	Water	8015D	444195
MB 460-444195/1-A	Method Blank	Total/NA	Water	8015D	444195
LCS 460-444195/2-A	Lab Control Sample	Total/NA	Water	8015D	444195
LCSD 460-444195/3-A	Lab Control Sample Dup	Total/NA	Water	8015D	444195

Prep Batch: 444582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-135536-1	GT-1	Total/NA	Water	3510C	
460-135536-3	Rinse Blank-1	Total/NA	Water	3510C	
460-135536-4	Rinse Blank-2	Total/NA	Water	3510C	
460-135536-5	GT-6	Total/NA	Water	3510C	
460-135536-6	GT-7	Total/NA	Water	3510C	
460-135536-7	VE-1R	Total/NA	Water	3510C	
460-135536-8	VP-A	Total/NA	Water	3510C	
460-135536-9	VP-B	Total/NA	Water	3510C	
460-135536-10	GW-DUP	Total/NA	Water	3510C	
MB 460-444582/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-444582/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-444582/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 444791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-135536-1	GT-1	Total/NA	Water	8015D	444582
460-135536-3	Rinse Blank-1	Total/NA	Water	8015D	444582
460-135536-4	Rinse Blank-2	Total/NA	Water	8015D	444582
460-135536-5	GT-6	Total/NA	Water	8015D	444582
460-135536-6	GT-7	Total/NA	Water	8015D	444582
460-135536-7	VE-1R	Total/NA	Water	8015D	444582
460-135536-8	VP-A	Total/NA	Water	8015D	444582
460-135536-9	VP-B	Total/NA	Water	8015D	444582
460-135536-10	GW-DUP	Total/NA	Water	8015D	444582
MB 460-444582/1-A	Method Blank	Total/NA	Water	8015D	444582
LCS 460-444582/2-A	Lab Control Sample	Total/NA	Water	8015D	444582
LCSD 460-444582/3-A	Lab Control Sample Dup	Total/NA	Water	8015D	444582

Lab Chronicle

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: Trip Blank-1

Date Collected: 06/13/17 15:05

Date Received: 06/13/17 19:00

Lab Sample ID: 460-135385-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	445936	06/27/17 03:23	MZS	TAL EDI

Client Sample ID: GT-2

Date Collected: 06/13/17 11:00

Date Received: 06/13/17 19:00

Lab Sample ID: 460-135385-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	445936	06/27/17 03:48	MZS	TAL EDI
Total/NA	Prep	3510C			444195	06/18/17 07:15	JNP	TAL EDI
Total/NA	Analysis	8015D		1	444364	06/19/17 11:09	FPO	TAL EDI

Client Sample ID: GT-3

Date Collected: 06/13/17 12:20

Date Received: 06/13/17 19:00

Lab Sample ID: 460-135385-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	445936	06/27/17 04:13	MZS	TAL EDI
Total/NA	Prep	3510C			444195	06/18/17 07:15	JNP	TAL EDI
Total/NA	Analysis	8015D		1	444364	06/19/17 11:19	FPO	TAL EDI

Client Sample ID: GT-5

Date Collected: 06/13/17 15:05

Date Received: 06/13/17 19:00

Lab Sample ID: 460-135385-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	445936	06/27/17 04:39	MZS	TAL EDI
Total/NA	Prep	3510C			444195	06/18/17 07:15	JNP	TAL EDI
Total/NA	Analysis	8015D		1	444364	06/19/17 11:30	FPO	TAL EDI

Client Sample ID: DW-1

Date Collected: 06/12/17 16:00

Date Received: 06/13/17 19:00

Lab Sample ID: 460-135385-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	445791	06/26/17 12:07	SZD	TAL EDI
Total/NA	Prep	3510C			444195	06/18/17 07:15	JNP	TAL EDI
Total/NA	Analysis	8015D		1	444364	06/19/17 11:40	FPO	TAL EDI

Lab Chronicle

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: VE-5

Date Collected: 06/13/17 09:10

Date Received: 06/13/17 19:00

Lab Sample ID: 460-135385-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	445936	06/27/17 05:04	MZS	TAL EDI
Total/NA	Prep	3510C			444195	06/18/17 07:15	JNP	TAL EDI
Total/NA	Analysis	8015D		1	444364	06/19/17 11:50	FPO	TAL EDI

Client Sample ID: GT-1

Date Collected: 06/14/17 10:50

Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	446090	06/27/17 17:55	EMM	TAL EDI
Total/NA	Prep	3510C			444582	06/20/17 08:03	HAW	TAL EDI
Total/NA	Analysis	8015D		1	444791	06/21/17 04:12	FPO	TAL EDI

Client Sample ID: Trip Blank-2

Date Collected: 06/14/17 13:30

Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	446090	06/27/17 18:22	EMM	TAL EDI

Client Sample ID: Rinse Blank-1

Date Collected: 06/14/17 13:30

Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	446090	06/27/17 20:58	EMM	TAL EDI
Total/NA	Prep	3510C			444582	06/20/17 08:03	HAW	TAL EDI
Total/NA	Analysis	8015D		1	444791	06/21/17 04:22	FPO	TAL EDI

Client Sample ID: Rinse Blank-2

Date Collected: 06/14/17 01:40

Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	446090	06/27/17 21:24	EMM	TAL EDI
Total/NA	Prep	3510C			444582	06/20/17 08:03	HAW	TAL EDI
Total/NA	Analysis	8015D		1	444791	06/21/17 04:32	FPO	TAL EDI

Lab Chronicle

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: GT-6

Date Collected: 06/13/17 17:50

Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	446090	06/27/17 18:48	EMM	TAL EDI
Total/NA	Prep	3510C			444582	06/20/17 08:03	HAW	TAL EDI
Total/NA	Analysis	8015D		1	444791	06/21/17 04:42	FPO	TAL EDI

Client Sample ID: GT-7

Date Collected: 06/13/17 16:40

Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	446090	06/27/17 17:03	EMM	TAL EDI
Total/NA	Prep	3510C			444582	06/20/17 08:03	HAW	TAL EDI
Total/NA	Analysis	8015D		1	444791	06/21/17 04:52	FPO	TAL EDI

Client Sample ID: VE-1R

Date Collected: 06/14/17 13:05

Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	446090	06/27/17 19:40	EMM	TAL EDI
Total/NA	Prep	3510C			444582	06/20/17 08:03	HAW	TAL EDI
Total/NA	Analysis	8015D		1	444791	06/21/17 05:02	FPO	TAL EDI

Client Sample ID: VP-A

Date Collected: 06/13/17 19:15

Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	446090	06/27/17 17:29	EMM	TAL EDI
Total/NA	Prep	3510C			444582	06/20/17 08:03	HAW	TAL EDI
Total/NA	Analysis	8015D		1	444791	06/21/17 05:12	FPO	TAL EDI

Client Sample ID: VP-B

Date Collected: 06/14/17 09:15

Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	446090	06/27/17 20:06	EMM	TAL EDI
Total/NA	Prep	3510C			444582	06/20/17 08:03	HAW	TAL EDI
Total/NA	Analysis	8015D		1	444791	06/21/17 06:20	FPO	TAL EDI

Lab Chronicle

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

TestAmerica Job ID: 460-135385-1

Client Sample ID: GW-DUP

Date Collected: 06/14/17 12:00

Date Received: 06/16/17 09:05

Lab Sample ID: 460-135536-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	446090	06/27/17 20:32	EMM	TAL EDI
Total/NA	Prep	3510C			444582	06/20/17 08:03	HAW	TAL EDI
Total/NA	Analysis	8015D		1	444791	06/21/17 06:30	FPO	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: 460-135385-1

Laboratory: TestAmerica Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	11452	04-01-18

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8015D	3510C	Water	Mineral Spirits
8260C		Water	1,2-Dichloroethene, Total

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-135385-1
 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 #
Trip Blank-1	460-135385-1	95	88	95	87
GT-2	460-135385-2	97	88	94	87
GT-3	460-135385-3	96	87	93	86
GT-5	460-135385-4	95	88	93	85
DW-1	460-135385-5	98	92	98	90
VE-5	460-135385-6	93	87	93	84
GT-1	460-135536-1	103	96	96	103
Trip Blank-2	460-135536-2	104	95	96	107
Rinse Blank-1	460-135536-3	107	96	93	105
Rinse Blank-2	460-135536-4	102	96	91	101
GT-6	460-135536-5	105	93	95	102
GT-7	460-135536-6	106	95	94	106
VE-1R	460-135536-7	106	94	95	102
VP-A	460-135536-8	108	100	97	101
VP-B	460-135536-9	104	97	97	102
GW-DUP	460-135536-10	114	105	103	110
	MB 460-445791/7	93	88	94	86
	MB 460-445936/8	92	87	94	87
	MB 460-446090/8	104	95	93	102
	LCS 460-445791/3	96	89	98	95
	LCS 460-445936/4	92	84	94	91
	LCS 460-446090/4	101	92	99	108
	LCSD 460-445791/4	97	93	97	94
	LCSD 460-445936/5	91	85	95	94
	LCSD 460-446090/5	104	96	97	109

	<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.: 460-135385-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P30003.D
 Lab ID: LCS 460-445791/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	100	64.3	64	39-150	
Acetonitrile	200	258	129	37-150	
Benzene	20.0	19.2	96	77-121	
Benzyl chloride	20.0	13.6	68	48-133	
Bromodichloromethane	20.0	16.7 J	83	76-120	
Bromoform	20.0	15.0	75	53-120	
Bromomethane	20.0	18.0	90	10-150	
4-Methyl-2-pentanone (MIBK)	100	89.2	89	78-124	
Carbon disulfide	20.0	13.8 J	69	69-133	
Carbon tetrachloride	20.0	14.9	74	70-132	
Chlorobenzene	20.0	19.0	95	80-120	
Chloroethane	20.0	18.1	91	52-150	
2-Chloroethyl vinyl ether	20.0	16.2 J	81	43-146	
Chloroform	20.0	17.6	88	80-120	
Chloromethane	20.0	19.7	98	56-131	
cis-1,3-Dichloropropene	20.0	17.2	86	77-120	
Dibromochloromethane	20.0	16.4 J	82	73-120	
Dibromomethane	20.0	17.4	87	79-120	
1,2-Dibromo-3-Chloropropane	20.0	16.2	81	55-134	
1,2-Dichlorobenzene	20.0	18.6	93	80-120	
1,3-Dichlorobenzene	20.0	18.5	93	80-120	
1,4-Dichlorobenzene	20.0	17.9	90	80-120	
Dichlorodifluoromethane	20.0	9.80	49	50-131	*
1,1-Dichloroethane	20.0	18.7	94	77-123	
1,2-Dichloroethane	20.0	16.7	84	76-121	
1,1-Dichloroethene	20.0	15.4	77	74-123	
1,2-Dichloroethene, Total	40.0	34.5	86	80-120	
1,2-Dichloropropane	20.0	19.7	98	77-123	
Ethylbenzene	20.0	18.6	93	80-120	
2-Butanone (MEK)	100	80.8	81	64-120	
Methylene Chloride	20.0	17.3	87	77-123	
Methyl methacrylate	40.0	35.3 J	88	71-124	
m&p-Xylene	20.0	18.4	92	80-120	
o-Xylene	20.0	18.5	92	80-120	
Styrene	20.0	18.0	90	80-120	
1,1,1,2-Tetrachloroethane	20.0	16.3	81	77-120	
1,1,2,2-Tetrachloroethane	20.0	18.6	93	74-120	
Tetrachloroethene	20.0	17.6	88	78-122	
trans-1,2-Dichloroethene	20.0	16.8	84	79-120	
trans-1,3-Dichloropropene	20.0	16.6	83	76-120	
1,1,1-Trichloroethane	20.0	15.5	77	75-125	
1,1,2-Trichloroethane	20.0	18.6	93	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.: 460-135385-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P30003.D
 Lab ID: LCS 460-445791/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Trichloroethene	20.0	18.0	90	77-120	
1,2,3-Trichloropropane	20.0	16.9	84	76-120	
Toluene	20.0	17.9	90	80-120	
Vinyl acetate	40.0	35.8	89	10-150	
Vinyl chloride	20.0	18.0	90	62-138	
Xylenes, Total	40.0	36.9	92	80-120	
2-Hexanone	100	92.5	93	71-125	
cis-1,2-Dichloroethene	20.0	17.7	89	80-120	
1,2-Dibromoethane	20.0	17.7	88	80-120	
Ethyl methacrylate	20.0	16.8	84	70-121	
Iodomethane	20.0	10.6	53	10-147	
trans-1,4-Dichloro-2-butene	20.0	17.1	86	61-122	
Methacrylonitrile	200	207	103	77-130	

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.: 460-135385-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P30029.D
 Lab ID: LCS 460-445936/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	100	68.2	68	39-150	
Acetonitrile	200	295	147	37-150	
Benzene	20.0	20.7	103	77-121	
Benzyl chloride	20.0	14.9	75	48-133	
Bromodichloromethane	20.0	17.9 J	89	76-120	
Bromoform	20.0	15.0	75	53-120	
Bromomethane	20.0	22.3	112	10-150	
4-Methyl-2-pentanone (MIBK)	100	95.4	95	78-124	
Carbon disulfide	20.0	16.4 J	82	69-133	
Carbon tetrachloride	20.0	17.7	89	70-132	
Chlorobenzene	20.0	20.2	101	80-120	
Chloroethane	20.0	18.7	93	52-150	
2-Chloroethyl vinyl ether	20.0	16.0 J	80	43-146	
Chloroform	20.0	18.8	94	80-120	
Chloromethane	20.0	20.9	104	56-131	
cis-1,3-Dichloropropene	20.0	18.4	92	77-120	
Dibromochloromethane	20.0	17.1 J	85	73-120	
Dibromomethane	20.0	18.1	91	79-120	
1,2-Dibromo-3-Chloropropane	20.0	14.9	75	55-134	
1,2-Dichlorobenzene	20.0	20.6	103	80-120	
1,3-Dichlorobenzene	20.0	20.6	103	80-120	
1,4-Dichlorobenzene	20.0	20.1	100	80-120	
Dichlorodifluoromethane	20.0	16.7	84	50-131	
1,1-Dichloroethane	20.0	20.4	102	77-123	
1,2-Dichloroethane	20.0	17.3	87	76-121	
1,1-Dichloroethene	20.0	17.9	89	74-123	
1,2-Dichloroethene, Total	40.0	37.9	95	80-120	
1,2-Dichloropropane	20.0	20.9	104	77-123	
Ethylbenzene	20.0	20.4	102	80-120	
2-Butanone (MEK)	100	84.6	85	64-120	
Methylene Chloride	20.0	18.5	92	77-123	
Methyl methacrylate	40.0	33.5 J	84	71-124	
m&p-Xylene	20.0	20.4	102	80-120	
o-Xylene	20.0	20.4	102	80-120	
Styrene	20.0	19.8	99	80-120	
1,1,1,2-Tetrachloroethane	20.0	17.3	87	77-120	
1,1,2,2-Tetrachloroethane	20.0	18.5	92	74-120	
Tetrachloroethene	20.0	20.0	100	78-122	
trans-1,2-Dichloroethene	20.0	18.6	93	79-120	
trans-1,3-Dichloropropene	20.0	17.4	87	76-120	
1,1,1-Trichloroethane	20.0	17.5	88	75-125	
1,1,2-Trichloroethane	20.0	19.4	97	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.: 460-135385-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P30029.D
 Lab ID: LCS 460-445936/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Trichloroethene	20.0	19.7	99	77-120	
1,2,3-Trichloropropane	20.0	16.3	82	76-120	
Toluene	20.0	19.7	98	80-120	
Vinyl acetate	40.0	36.6	91	10-150	
Vinyl chloride	20.0	20.1	101	62-138	
Xylenes, Total	40.0	40.8	102	80-120	
2-Hexanone	100	96.2	96	71-125	
cis-1,2-Dichloroethene	20.0	19.4	97	80-120	
1,2-Dibromoethane	20.0	18.1	90	80-120	
Ethyl methacrylate	20.0	16.9	85	70-121	
Iodomethane	20.0	13.0	65	10-147	
trans-1,4-Dichloro-2-butene	20.0	16.8	84	61-122	
Methacrylonitrile	200	200	100	77-130	

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.: 460-135385-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: J573488.D
 Lab ID: LCS 460-446090/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	100	99.6	100	39-150	
Acetonitrile	200	168	84	37-150	
Benzene	20.0	17.8	89	77-121	
Benzyl chloride	20.0	18.8	94	48-133	
Bromodichloromethane	20.0	17.0 J	85	76-120	
Bromoform	20.0	19.0	95	53-120	
Bromomethane	20.0	15.2	76	10-150	
4-Methyl-2-pentanone (MIBK)	100	89.3	89	78-124	
Carbon disulfide	20.0	16.0 J	80	69-133	
Carbon tetrachloride	20.0	20.3	101	70-132	
Chlorobenzene	20.0	18.5	93	80-120	
Chloroethane	20.0	17.0	85	52-150	
2-Chloroethyl vinyl ether	20.0	16.6 J	83	43-146	
Chloroform	20.0	18.8	94	80-120	
Chloromethane	20.0	12.5	63	56-131	
cis-1,3-Dichloropropene	20.0	17.8	89	77-120	
Dibromochloromethane	20.0	19.1 J	96	73-120	
Dibromomethane	20.0	18.0	90	79-120	
1,2-Dibromo-3-Chloropropane	20.0	22.2	111	55-134	
1,2-Dichlorobenzene	20.0	18.4	92	80-120	
1,3-Dichlorobenzene	20.0	18.5	92	80-120	
1,4-Dichlorobenzene	20.0	17.9	90	80-120	
Dichlorodifluoromethane	20.0	17.6	88	50-131	
1,1-Dichloroethane	20.0	16.2	81	77-123	
1,2-Dichloroethane	20.0	18.7	94	76-121	
1,1-Dichloroethene	20.0	18.6	93	74-123	
1,2-Dichloroethene, Total	40.0	36.6	91	80-120	
1,2-Dichloropropane	20.0	15.4	77	77-123	
Ethylbenzene	20.0	18.2	91	80-120	
2-Butanone (MEK)	100	105	105	64-120	
Methylene Chloride	20.0	17.3	87	77-123	
Methyl methacrylate	40.0	39.7 J	99	71-124	
m&p-Xylene	20.0	18.3	92	80-120	
o-Xylene	20.0	18.0	90	80-120	
Styrene	20.0	18.9	94	80-120	
1,1,1,2-Tetrachloroethane	20.0	18.5	93	77-120	
1,1,2,2-Tetrachloroethane	20.0	16.0	80	74-120	
Tetrachloroethene	20.0	20.9	105	78-122	
trans-1,2-Dichloroethene	20.0	18.2	91	79-120	
trans-1,3-Dichloropropene	20.0	16.5	82	76-120	
1,1,1-Trichloroethane	20.0	19.8	99	75-125	
1,1,2-Trichloroethane	20.0	16.4	82	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.: 460-135385-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: J573488.D
 Lab ID: LCS 460-446090/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Trichloroethene	20.0	17.4	87	77-120	
1,2,3-Trichloropropane	20.0	17.0	85	76-120	
Toluene	20.0	17.6	88	80-120	
Vinyl acetate	40.0	33.3	83	10-150	
Vinyl chloride	20.0	15.3	77	62-138	
Xylenes, Total	40.0	36.4	91	80-120	
2-Hexanone	100	92.4	92	71-125	
cis-1,2-Dichloroethene	20.0	18.4	92	80-120	
1,2-Dibromoethane	20.0	19.0	95	80-120	
Ethyl methacrylate	20.0	16.4	82	70-121	
Iodomethane	20.0	17.0	85	10-147	
trans-1,4-Dichloro-2-butene	20.0	14.2	71	61-122	
Methacrylonitrile	200	177	88	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.: 460-135385-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: P30004.D
Lab ID: LCSD 460-445791/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Acetone	100	62.8	63	2	30	39-150	
Acetonitrile	200	266	133	3	30	37-150	
Benzene	20.0	18.4	92	5	30	77-121	
Benzyl chloride	20.0	12.8	64	6	30	48-133	
Bromodichloromethane	20.0	16.1 J	81	3	30	76-120	
Bromoform	20.0	14.3	72	5	30	53-120	
Bromomethane	20.0	19.1	96	6	30	10-150	
4-Methyl-2-pentanone (MIBK)	100	88.1	88	1	30	78-124	
Carbon disulfide	20.0	13.1 J	66	5	30	69-133	*
Carbon tetrachloride	20.0	14.2	71	4	30	70-132	
Chlorobenzene	20.0	18.1	91	5	30	80-120	
Chloroethane	20.0	17.8	89	2	30	52-150	
2-Chloroethyl vinyl ether	20.0	18.0 J	90	11	30	43-146	
Chloroform	20.0	17.1	85	3	30	80-120	
Chloromethane	20.0	19.2	96	2	30	56-131	
cis-1,3-Dichloropropene	20.0	16.8	84	2	30	77-120	
Dibromochloromethane	20.0	15.7 J	78	5	30	73-120	
Dibromomethane	20.0	17.6	88	1	30	79-120	
1,2-Dibromo-3-Chloropropane	20.0	15.2	76	6	30	55-134	
1,2-Dichlorobenzene	20.0	17.9	90	4	30	80-120	
1,3-Dichlorobenzene	20.0	17.8	89	4	30	80-120	
1,4-Dichlorobenzene	20.0	17.2	86	4	30	80-120	
Dichlorodifluoromethane	20.0	9.21	46	6	30	50-131	*
1,1-Dichloroethane	20.0	18.4	92	2	30	77-123	
1,2-Dichloroethane	20.0	16.7	84	0	30	76-121	
1,1-Dichloroethene	20.0	14.9	74	4	30	74-123	
1,2-Dichloroethene, Total	40.0	33.2	83	4	30	80-120	
1,2-Dichloropropane	20.0	19.3	97	2	30	77-123	
Ethylbenzene	20.0	17.8	89	4	30	80-120	
2-Butanone (MEK)	100	79.1	79	2	30	64-120	
Methylene Chloride	20.0	16.9	84	3	30	77-123	
Methyl methacrylate	40.0	34.5 J	86	2	30	71-124	
m&p-Xylene	20.0	17.2	86	7	30	80-120	
o-Xylene	20.0	17.6	88	5	30	80-120	
Styrene	20.0	17.4	87	4	30	80-120	
1,1,1,2-Tetrachloroethane	20.0	16.1	80	1	30	77-120	
1,1,2,2-Tetrachloroethane	20.0	17.7	89	5	30	74-120	
Tetrachloroethene	20.0	16.4	82	7	30	78-122	
trans-1,2-Dichloroethene	20.0	16.1	81	4	30	79-120	
trans-1,3-Dichloropropene	20.0	16.2	81	2	30	76-120	
1,1,1-Trichloroethane	20.0	14.7	74	5	30	75-125	*
1,1,2-Trichloroethane	20.0	18.2	91	2	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.: 460-135385-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P30004.D
 Lab ID: LCSD 460-445791/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Trichloroethene	20.0	17.6	88	2	30	77-120	
1,2,3-Trichloropropane	20.0	15.5	78	8	30	76-120	
Toluene	20.0	17.3	87	4	30	80-120	
Vinyl acetate	40.0	35.0	88	2	30	10-150	
Vinyl chloride	20.0	17.1	85	6	30	62-138	
Xylenes, Total	40.0	34.9	87	6	30	80-120	
2-Hexanone	100	87.5	88	6	30	71-125	
cis-1,2-Dichloroethene	20.0	17.1	86	3	30	80-120	
1,2-Dibromoethane	20.0	17.1	85	3	30	80-120	
Ethyl methacrylate	20.0	16.3	81	3	30	70-121	
Iodomethane	20.0	10.8	54	2	30	10-147	
trans-1,4-Dichloro-2-butene	20.0	15.4	77	11	30	61-122	
Methacrylonitrile	200	201	100	3	30	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.: 460-135385-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P30030.D
 Lab ID: LCSD 460-445936/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Acetone	100	67.8	68	1	30	39-150	
Acetonitrile	200	288	144	2	30	37-150	
Benzene	20.0	20.0	100	3	30	77-121	
Benzyl chloride	20.0	14.3	71	5	30	48-133	
Bromodichloromethane	20.0	17.2 J	86	4	30	76-120	
Bromoform	20.0	14.4	72	4	30	53-120	
Bromomethane	20.0	21.0	105	6	30	10-150	
4-Methyl-2-pentanone (MIBK)	100	94.7	95	1	30	78-124	
Carbon disulfide	20.0	15.6 J	78	5	30	69-133	
Carbon tetrachloride	20.0	16.4	82	8	30	70-132	
Chlorobenzene	20.0	20.0	100	1	30	80-120	
Chloroethane	20.0	16.3	81	14	30	52-150	
2-Chloroethyl vinyl ether	20.0	18.9 J	95	17	30	43-146	
Chloroform	20.0	18.7	94	0	30	80-120	
Chloromethane	20.0	18.3	91	13	30	56-131	
cis-1,3-Dichloropropene	20.0	18.1	90	2	30	77-120	
Dibromochloromethane	20.0	16.6 J	83	3	30	73-120	
Dibromomethane	20.0	18.0	90	1	30	79-120	
1,2-Dibromo-3-Chloropropane	20.0	14.5	72	3	30	55-134	
1,2-Dichlorobenzene	20.0	19.6	98	5	30	80-120	
1,3-Dichlorobenzene	20.0	20.2	101	2	30	80-120	
1,4-Dichlorobenzene	20.0	19.1	96	5	30	80-120	
Dichlorodifluoromethane	20.0	14.6	73	14	30	50-131	
1,1-Dichloroethane	20.0	19.8	99	3	30	77-123	
1,2-Dichloroethane	20.0	17.2	86	1	30	76-121	
1,1-Dichloroethene	20.0	17.0	85	5	30	74-123	
1,2-Dichloroethene, Total	40.0	36.9	92	3	30	80-120	
1,2-Dichloropropane	20.0	20.6	103	1	30	77-123	
Ethylbenzene	20.0	19.5	98	4	30	80-120	
2-Butanone (MEK)	100	85.9	86	2	30	64-120	
Methylene Chloride	20.0	17.8	89	4	30	77-123	
Methyl methacrylate	40.0	33.8 J	84	1	30	71-124	
m&p-Xylene	20.0	19.7	98	4	30	80-120	
o-Xylene	20.0	19.6	98	4	30	80-120	
Styrene	20.0	19.3	96	3	30	80-120	
1,1,1,2-Tetrachloroethane	20.0	17.0	85	2	30	77-120	
1,1,2,2-Tetrachloroethane	20.0	17.7	89	4	30	74-120	
Tetrachloroethene	20.0	18.9	94	6	30	78-122	
trans-1,2-Dichloroethene	20.0	17.9	90	3	30	79-120	
trans-1,3-Dichloropropene	20.0	17.4	87	0	30	76-120	
1,1,1-Trichloroethane	20.0	16.9	85	4	30	75-125	
1,1,2-Trichloroethane	20.0	19.1	95	2	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.: 460-135385-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P30030.D
 Lab ID: LCSD 460-445936/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Trichloroethene	20.0	19.1	96	3	30	77-120	
1,2,3-Trichloropropane	20.0	16.2	81	1	30	76-120	
Toluene	20.0	19.0	95	3	30	80-120	
Vinyl acetate	40.0	35.8	89	2	30	10-150	
Vinyl chloride	20.0	17.2	86	16	30	62-138	
Xylenes, Total	40.0	39.3	98	4	30	80-120	
2-Hexanone	100	93.2	93	3	30	71-125	
cis-1,2-Dichloroethene	20.0	19.0	95	2	30	80-120	
1,2-Dibromoethane	20.0	17.5	88	3	30	80-120	
Ethyl methacrylate	20.0	16.8	84	1	30	70-121	
Iodomethane	20.0	12.6	63	3	30	10-147	
trans-1,4-Dichloro-2-butene	20.0	16.7	84	0	30	61-122	
Methacrylonitrile	200	196	98	2	30	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.: 460-135385-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: J573489.D
Lab ID: LCSD 460-446090/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Acetone	100	89.5	90	11	30	39-150	
Acetonitrile	200	157	79	7	30	37-150	
Benzene	20.0	17.4	87	2	30	77-121	
Benzyl chloride	20.0	19.5	98	4	30	48-133	
Bromodichloromethane	20.0	18.2 J	91	7	30	76-120	
Bromoform	20.0	19.6	98	3	30	53-120	
Bromomethane	20.0	18.5	92	19	30	10-150	
4-Methyl-2-pentanone (MIBK)	100	89.6	90	0	30	78-124	
Carbon disulfide	20.0	16.2 J	81	1	30	69-133	
Carbon tetrachloride	20.0	21.9	109	8	30	70-132	
Chlorobenzene	20.0	17.9	90	3	30	80-120	
Chloroethane	20.0	17.0	85	0	30	52-150	
2-Chloroethyl vinyl ether	20.0	17.0 J	85	2	30	43-146	
Chloroform	20.0	18.6	93	1	30	80-120	
Chloromethane	20.0	13.2	66	5	30	56-131	
cis-1,3-Dichloropropene	20.0	18.4	92	3	30	77-120	
Dibromochloromethane	20.0	20.2 J	101	5	30	73-120	
Dibromomethane	20.0	18.2	91	1	30	79-120	
1,2-Dibromo-3-Chloropropane	20.0	23.4	117	5	30	55-134	
1,2-Dichlorobenzene	20.0	18.4	92	0	30	80-120	
1,3-Dichlorobenzene	20.0	19.3	96	4	30	80-120	
1,4-Dichlorobenzene	20.0	18.7	93	4	30	80-120	
Dichlorodifluoromethane	20.0	17.7	88	1	30	50-131	
1,1-Dichloroethane	20.0	16.9	85	4	30	77-123	
1,2-Dichloroethane	20.0	18.4	92	2	30	76-121	
1,1-Dichloroethene	20.0	20.1	100	8	30	74-123	
1,2-Dichloroethene, Total	40.0	39.0	98	6	30	80-120	
1,2-Dichloropropane	20.0	15.7	79	2	30	77-123	
Ethylbenzene	20.0	18.9	95	4	30	80-120	
2-Butanone (MEK)	100	97.2	97	8	30	64-120	
Methylene Chloride	20.0	17.5	87	1	30	77-123	
Methyl methacrylate	40.0	41.0 J	103	3	30	71-124	
m&p-Xylene	20.0	19.2	96	5	30	80-120	
o-Xylene	20.0	19.3	97	7	30	80-120	
Styrene	20.0	19.2	96	1	30	80-120	
1,1,1,2-Tetrachloroethane	20.0	18.0	90	3	30	77-120	
1,1,2,2-Tetrachloroethane	20.0	16.6	83	4	30	74-120	
Tetrachloroethene	20.0	22.0	110	5	30	78-122	
trans-1,2-Dichloroethene	20.0	19.1	95	5	30	79-120	
trans-1,3-Dichloropropene	20.0	17.7	89	7	30	76-120	
1,1,1-Trichloroethane	20.0	20.0	100	1	30	75-125	
1,1,2-Trichloroethane	20.0	17.1	85	4	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.: 460-135385-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: J573489.D
 Lab ID: LCSD 460-446090/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Trichloroethene	20.0	19.1	95	9	30	77-120	
1,2,3-Trichloropropane	20.0	17.7	89	4	30	76-120	
Toluene	20.0	17.6	88	0	30	80-120	
Vinyl acetate	40.0	35.2	88	6	30	10-150	
Vinyl chloride	20.0	15.6	78	1	30	62-138	
Xylenes, Total	40.0	38.5	96	6	30	80-120	
2-Hexanone	100	90.4	90	2	30	71-125	
cis-1,2-Dichloroethene	20.0	19.9	100	8	30	80-120	
1,2-Dibromoethane	20.0	17.7	89	7	30	80-120	
Ethyl methacrylate	20.0	17.0	85	4	30	70-121	
Iodomethane	20.0	18.8	94	10	30	10-147	
trans-1,4-Dichloro-2-butene	20.0	15.6	78	9	30	61-122	
Methacrylonitrile	200	183	92	4	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.: 460-135385-1
SDG No.: _____
Lab File ID: P30007.D Lab Sample ID: MB 460-445791/7
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS13 Date Analyzed: 06/26/2017 11:14
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 460-445791/3	P30003.D	06/26/2017 09:21
	LCSD 460-445791/4	P30004.D	06/26/2017 09:58
DW-1	460-135385-5	P30009.D	06/26/2017 12:07

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-135385-1
SDG No.: _____
Lab File ID: P30033.D Lab Sample ID: MB 460-445936/8
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS13 Date Analyzed: 06/27/2017 01:16
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 460-445936/4	P30029.D	06/26/2017 22:45
	LCSD 460-445936/5	P30030.D	06/26/2017 23:11
Trip Blank-1	460-135385-1	P30038.D	06/27/2017 03:23
GT-2	460-135385-2	P30039.D	06/27/2017 03:48
GT-3	460-135385-3	P30040.D	06/27/2017 04:13
GT-5	460-135385-4	P30041.D	06/27/2017 04:39
VE-5	460-135385-6	P30042.D	06/27/2017 05:04

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-135385-1
SDG No.: _____
Lab File ID: J573492.D Lab Sample ID: MB 460-446090/8
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS8 Date Analyzed: 06/27/2017 12:42
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 460-446090/4	J573488.D	06/27/2017 10:57
	LCSD 460-446090/5	J573489.D	06/27/2017 11:23
GT-7	460-135536-6	J573502.D	06/27/2017 17:03
VP-A	460-135536-8	J573503.D	06/27/2017 17:29
GT-1	460-135536-1	J573504.D	06/27/2017 17:55
Trip Blank-2	460-135536-2	J573505.D	06/27/2017 18:22
GT-6	460-135536-5	J573506.D	06/27/2017 18:48
VE-1R	460-135536-7	J573508.D	06/27/2017 19:40
VP-B	460-135536-9	J573509.D	06/27/2017 20:06
GW-DUP	460-135536-10	J573510.D	06/27/2017 20:32
Rinse Blank-1	460-135536-3	J573511.D	06/27/2017 20:58
Rinse Blank-2	460-135536-4	J573512.D	06/27/2017 21:24

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

Lab Name: TestAmerica Edison Job No.: 460-135385-1
 SDG No.: _____
 Lab File ID: P26301.D BFB Injection Date: 04/14/2017
 Instrument ID: CVOAMS13 BFB Injection Time: 01:13
 Analysis Batch No.: 430209

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	15.2
75	30.0 - 60.0 % of mass 95	44.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.6
173	Less than 2.0 % of mass 174	0.5 (0.6) 1
174	50.0 - 120.00 % of mass 95	81.9
175	5.0 - 9.0 % of mass 174	5.6 (6.8) 1
176	95.0 - 101.0 % of mass 174	78.6 (96.0) 1
177	5.0 - 9.0 % of mass 176	4.7 (6.0) 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
	STD8 460-430209/2	P26302.D	04/14/2017	01:41
	STD05 460-430209/3	P26303.D	04/14/2017	02:07
	STD5 460-430209/5	P26305.D	04/14/2017	02:57
	STD20 460-430209/6	P26306.D	04/14/2017	03:22
	STD50 460-430209/7	P26307.D	04/14/2017	03:48
	STD200 460-430209/8	P26308.D	04/14/2017	04:13
	STD500 460-430209/9	P26309.D	04/14/2017	04:38
	STD1 460-430209/16	P26316.D	04/14/2017	08:47

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

Lab Name: TestAmerica Edison Job No.: 460-135385-1
 SDG No.: _____
 Lab File ID: P30001.D BFB Injection Date: 06/26/2017
 Instrument ID: CVOAMS13 BFB Injection Time: 08:32
 Analysis Batch No.: 445791

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	15.3
75	30.0 - 60.0 % of mass 95	45.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.3
173	Less than 2.0 % of mass 174	0.6 (0.6) 1
174	50.0 - 120.00 % of mass 95	93.8
175	5.0 - 9.0 % of mass 174	6.7 (7.2) 1
176	95.0 - 101.0 % of mass 174	91.7 (97.8) 1
177	5.0 - 9.0 % of mass 176	6.1 (6.7) 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 460-445791/2	P30002.D	06/26/2017	08:56
	LCS 460-445791/3	P30003.D	06/26/2017	09:21
	LCSD 460-445791/4	P30004.D	06/26/2017	09:58
	MB 460-445791/7	P30007.D	06/26/2017	11:14
DW-1	460-135385-5	P30009.D	06/26/2017	12:07

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

Lab Name: TestAmerica Edison Job No.: 460-135385-1
 SDG No.: _____
 Lab File ID: P30026.D BFB Injection Date: 06/26/2017
 Instrument ID: CVOAMS13 BFB Injection Time: 20:48
 Analysis Batch No.: 445936

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	15.0
75	30.0 - 60.0 % of mass 95	43.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.5
173	Less than 2.0 % of mass 174	0.2 (0.2) 1
174	50.0 - 120.00 % of mass 95	88.0
175	5.0 - 9.0 % of mass 174	6.3 (7.2) 1
176	95.0 - 101.0 % of mass 174	84.2 (95.8) 1
177	5.0 - 9.0 % of mass 176	5.5 (6.5) 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 460-445936/3	P30028.D	06/26/2017	22:19
	LCS 460-445936/4	P30029.D	06/26/2017	22:45
	LCSD 460-445936/5	P30030.D	06/26/2017	23:11
	MB 460-445936/8	P30033.D	06/27/2017	01:16
Trip Blank-1	460-135385-1	P30038.D	06/27/2017	03:23
GT-2	460-135385-2	P30039.D	06/27/2017	03:48
GT-3	460-135385-3	P30040.D	06/27/2017	04:13
GT-5	460-135385-4	P30041.D	06/27/2017	04:39
VE-5	460-135385-6	P30042.D	06/27/2017	05:04

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

Lab Name: TestAmerica Edison Job No.: 460-135385-1
 SDG No.: _____
 Lab File ID: J573267.D BFB Injection Date: 06/22/2017
 Instrument ID: CVOAMS8 BFB Injection Time: 16:49
 Analysis Batch No.: 445170

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.7	
75	30.0 - 60.0 % of mass 95	46.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.6	(0.7) 1
174	50.0 - 120.00 % of mass 95	91.3	
175	5.0 - 9.0 % of mass 174	8.1	(8.8) 1
176	95.0 - 101.0 % of mass 174	87.9	(96.3) 1
177	5.0 - 9.0 % of mass 176	6.5	(7.4) 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
	STD7 460-445170/2	J573268.D	06/22/2017	17:20
	STD20 460-445170/5	J573271.D	06/22/2017	18:47
	STD50 460-445170/6	J573272.D	06/22/2017	19:13
	STD200 460-445170/7	J573273.D	06/22/2017	19:39
	STD500 460-445170/8	J573274.D	06/22/2017	20:05
	STD5 460-445170/12	J573278.D	06/23/2017	01:58
	STD1 460-445170/14	J573280.D	06/23/2017	02:50

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

Lab Name: TestAmerica Edison Job No.: 460-135385-1
SDG No.: _____
Lab File ID: J573485.D BFB Injection Date: 06/27/2017
Instrument ID: CVOAMS8 BFB Injection Time: 09:38
Analysis Batch No.: 446090

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	22.5
75	30.0 - 60.0 % of mass 95	47.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.2
173	Less than 2.0 % of mass 174	1.2 (1.2) 1
174	50.0 - 120.00 % of mass 95	103.5
175	5.0 - 9.0 % of mass 174	8.7 (8.4) 1
176	95.0 - 101.0 % of mass 174	100.3 (96.8) 1
177	5.0 - 9.0 % of mass 176	7.0 (6.9) 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 460-446090/3	J573487.D	06/27/2017	10:31
	LCS 460-446090/4	J573488.D	06/27/2017	10:57
	LCSD 460-446090/5	J573489.D	06/27/2017	11:23
	MB 460-446090/8	J573492.D	06/27/2017	12:42
GT-7	460-135536-6	J573502.D	06/27/2017	17:03
VP-A	460-135536-8	J573503.D	06/27/2017	17:29
GT-1	460-135536-1	J573504.D	06/27/2017	17:55
Trip Blank-2	460-135536-2	J573505.D	06/27/2017	18:22
GT-6	460-135536-5	J573506.D	06/27/2017	18:48
VE-1R	460-135536-7	J573508.D	06/27/2017	19:40
VP-B	460-135536-9	J573509.D	06/27/2017	20:06
GW-DUP	460-135536-10	J573510.D	06/27/2017	20:32
Rinse Blank-1	460-135536-3	J573511.D	06/27/2017	20:58
Rinse Blank-2	460-135536-4	J573512.D	06/27/2017	21:24

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

Lab Name: TestAmerica Edison Job No.: 460-135385-1
 SDG No.: _____
 Sample No.: CCVIS 460-445791/2 Date Analyzed: 06/26/2017 08:56
 Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): P30002.D Heated Purge: (Y/N) N
 Calibration ID: 61755

	TBA _d 9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	282225	2.09	382196	3.13	863248	3.71	
UPPER LIMIT	564450	2.59	764392	3.63	1726496	4.21	
LOWER LIMIT	141113	1.59	191098	2.63	431624	3.21	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-445791/3		301253	2.09	397270	3.13	865490	3.71
LCSD 460-445791/4		287997	2.09	389681	3.13	876887	3.71
MB 460-445791/7		289129	2.08	379598	3.13	878237	3.71
460-135385-5	DW-1	268880	2.08	352271	3.13	837283	3.71

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.: 460-135385-1
 SDG No.: _____
 Sample No.: CCVIS 460-445791/2 Date Analyzed: 06/26/2017 08:56
 Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): P30002.D Heated Purge: (Y/N) N
 Calibration ID: 61755

	DXE		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	45298	4.60	669673	7.14	398869	10.68	
UPPER LIMIT	90596	5.10	1339346	7.64	797738	11.18	
LOWER LIMIT	22649	4.10	334837	6.64	199435	10.18	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-445791/3		46159	4.60	667889	7.14	390470	10.68
LCSD 460-445791/4		45778	4.60	683683	7.14	403782	10.68
MB 460-445791/7		39894	4.60	664612	7.14	375741	10.68
460-135385-5	DW-1	38592	4.60	633661	7.14	356748	10.68

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

Lab Name: TestAmerica Edison Job No.: 460-135385-1
 SDG No.: _____
 Sample No.: CCVIS 460-445936/3 Date Analyzed: 06/26/2017 22:19
 Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): P30028.D Heated Purge: (Y/N) N
 Calibration ID: 61755

		TBA _d 9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		222983	2.09	331173	3.13	909011	3.71
UPPER LIMIT		445966	2.59	662346	3.63	1818022	4.21
LOWER LIMIT		111492	1.59	165587	2.63	454506	3.21
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-445936/4		260701	2.09	363552	3.13	905232	3.71
LCSD 460-445936/5		256228	2.09	359467	3.13	899368	3.71
MB 460-445936/8		302469	2.08	389834	3.13	888833	3.71
460-135385-1	Trip Blank-1	289652	2.08	376997	3.13	872691	3.71
460-135385-2	GT-2	291693	2.08	379014	3.13	862938	3.71
460-135385-3	GT-3	290435	2.08	376044	3.13	863773	3.71
460-135385-4	GT-5	293070	2.08	380178	3.13	862472	3.71
460-135385-6	VE-5	298985	2.08	384084	3.13	856678	3.71

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.: 460-135385-1
 SDG No.: _____
 Sample No.: CCVIS 460-445936/3 Date Analyzed: 06/26/2017 22:19
 Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): P30028.D Heated Purge: (Y/N) N
 Calibration ID: 61755

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		36640	4.60	698693	7.14	407220	10.68
UPPER LIMIT		73280	5.10	1397386	7.64	814440	11.18
LOWER LIMIT		18320	4.10	349347	6.64	203610	10.18
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-445936/4		43408	4.60	701481	7.14	404531	10.68
LCSD 460-445936/5		41633	4.60	700862	7.14	409160	10.68
MB 460-445936/8		42451	4.60	683181	7.14	382513	10.68
460-135385-1	Trip Blank-1	41863	4.60	660401	7.14	372570	10.68
460-135385-2	GT-2	42036	4.60	658675	7.14	373031	10.68
460-135385-3	GT-3	40718	4.60	657774	7.14	369030	10.68
460-135385-4	GT-5	40648	4.60	653565	7.14	370625	10.68
460-135385-6	VE-5	42853	4.60	649610	7.14	369182	10.68

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

Lab Name: TestAmerica Edison Job No.: 460-135385-1
 SDG No.: _____
 Sample No.: CCVIS 460-446090/3 Date Analyzed: 06/27/2017 10:31
 Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): J573487.D Heated Purge: (Y/N) N
 Calibration ID: 62990

		TBA d9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		113056	2.72	133829	4.03	379740	5.31
UPPER LIMIT		226112	3.22	267658	4.53	759480	5.81
LOWER LIMIT		56528	2.22	66915	3.53	189870	4.81
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-446090/4		113722	2.72	136122	4.03	386917	5.32
LCSD 460-446090/5		111248	2.73	134854	4.04	365472	5.31
MB 460-446090/8		104404	2.72	122469	4.03	348200	5.32
460-135536-6	GT-7	100860	2.72	120276	4.04	345318	5.32
460-135536-8	VP-A	108599	2.73	134859	4.04	354440	5.32
460-135536-1	GT-1	114775	2.72	132415	4.03	369122	5.32
460-135536-2	Trip Blank-2	99832	2.72	118892	4.03	342576	5.32
460-135536-5	GT-6	105731	2.73	124818	4.04	361640	5.32
460-135536-7	VE-1R	108312	2.72	127238	4.03	363188	5.32
460-135536-9	VP-B	105884	2.72	127604	4.04	356050	5.32
460-135536-10	GW-DUP	102522	2.72	122496	4.04	348600	5.32
460-135536-3	Rinse Blank-1	100101	2.73	117347	4.04	338040	5.32
460-135536-4	Rinse Blank-2	102450	2.73	114179	4.04	343990	5.32

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

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

Lab Name: TestAmerica Edison Job No.: 460-135385-1
 SDG No.: _____
 Sample No.: CCVIS 460-446090/3 Date Analyzed: 06/27/2017 10:31
 Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): J573487.D Heated Purge: (Y/N) N
 Calibration ID: 62990

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		15938	6.12	292874	9.13	159676	11.25
UPPER LIMIT		31876	6.62	585748	9.63	319352	11.75
LOWER LIMIT		7969	5.62	146437	8.63	79838	10.75
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-446090/4		15554	6.11	284000	9.13	160244	11.25
LCSD 460-446090/5		14398	6.13	277224	9.13	158574	11.26
MB 460-446090/8		14686	6.12	269614	9.13	149456	11.26
460-135536-6	GT-7	12982	6.13	265691	9.14	145982	11.26
460-135536-8	VP-A	13153	6.13	271410	9.13	147322	11.26
460-135536-1	GT-1	14454	6.11	281018	9.13	152882	11.26
460-135536-2	Trip Blank-2	14893	6.14	260179	9.13	151243	11.25
460-135536-5	GT-6	12858	6.14	276303	9.13	149111	11.25
460-135536-7	VE-1R	12611	6.13	270800	9.13	146501	11.25
460-135536-9	VP-B	13332	6.12	269437	9.13	147956	11.25
460-135536-10	GW-DUP	13128	6.13	269362	9.13	144009	11.25
460-135536-3	Rinse Blank-1	13855	6.13	268590	9.13	147545	11.25
460-135536-4	Rinse Blank-2	13597	6.13	271898	9.13	147671	11.25

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>460-135385-1</u>
SDG No.: _____	
Client Sample ID: <u>Trip Blank-1</u>	Lab Sample ID: <u>460-135385-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>P30038.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/13/2017 15:05</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>06/27/2017 03:23</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>445936</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.: 460-135385-1
 SDG No.: _____
 Client Sample ID: Trip Blank-1 Lab Sample ID: 460-135385-1
 Matrix: Water Lab File ID: P30038.D
 Analysis Method: 8260C Date Collected: 06/13/2017 15:05
 Sample wt/vol: 5 (mL) Date Analyzed: 06/27/2017 03:23
 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.: 445936 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	5.0	U	5.0	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		74-132
460-00-4	4-Bromofluorobenzene	87		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120
1868-53-7	Dibromofluoromethane (Surr)	95		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56988.b\P30038.D
 Lims ID: 460-135385-C-1
 Client ID: Trip Blank-1
 Sample Type: Client
 Inject. Date: 27-Jun-2017 03:23:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-135385-C-1
 Misc. Info.: 460-0056988-013
 Operator ID: Instrument ID: CVOAMS13
 Method: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56988.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 27-Jun-2017 09:16:11 Calib Date: 14-Apr-2017 08:47:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK028

First Level Reviewer: desais

Date: 27-Jun-2017 09:00:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.081	2.088	-0.007	99	289652	1000.0	
\$ 47 Dibromofluoromethane (Surr	113	3.070	3.062	0.008	98	148925	47.3	
* 49 2-Butanone-d5	46	3.127	3.127	0.000	98	376997	250.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.471	3.471	0.000	95	154876	43.8	
* 62 Fluorobenzene	96	3.714	3.714	0.000	99	872691	50.0	
* 72 1,4-Dioxane-d8	96	4.595	4.595	0.000	94	41863	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.262	5.261	0.001	99	620836	47.3	
* 92 Chlorobenzene-d5	117	7.138	7.138	0.000	84	660401	50.0	
\$ 103 4-Bromofluorobenzene	174	8.922	8.922	0.000	96	201345	43.4	
* 119 1,4-Dichlorobenzene-d4	152	10.684	10.684	0.000	93	372570	50.0	

Reagents:

8260ISNEW_00112	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS13\\20170626-56988.b\\P30038.D

Injection Date: 27-Jun-2017 03:23:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-135385-C-1

Lab Sample ID: 460-135385-1

Worklist Smp#: 13

Client ID: Trip Blank-1

Purge Vol: 5.000 mL

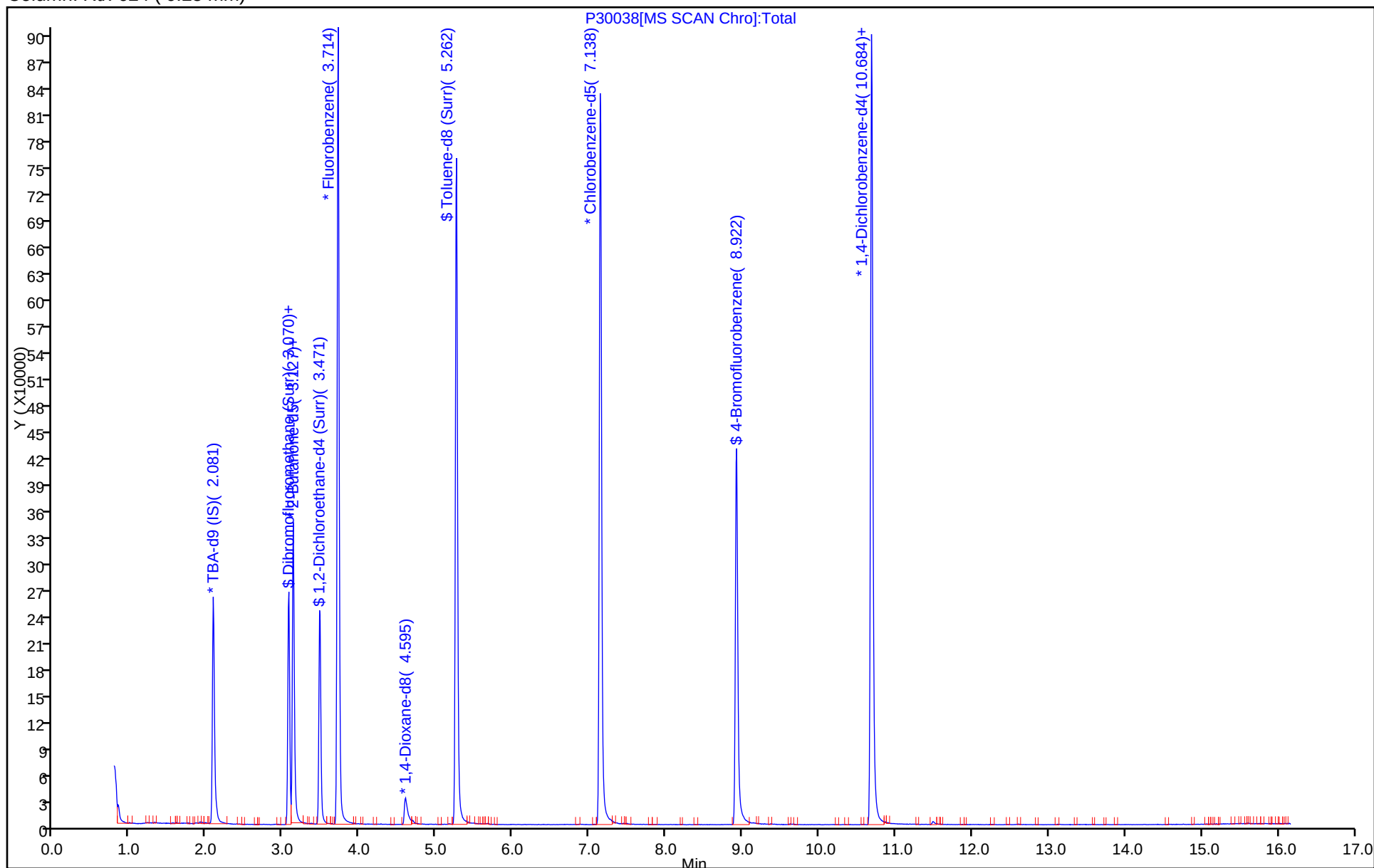
Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8260W_13

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>460-135385-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-2</u>	Lab Sample ID: <u>460-135385-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>P30039.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/13/2017 11:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>06/27/2017 03:48</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>445936</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.: 460-135385-1
 SDG No.: _____
 Client Sample ID: GT-2 Lab Sample ID: 460-135385-2
 Matrix: Water Lab File ID: P30039.D
 Analysis Method: 8260C Date Collected: 06/13/2017 11:00
 Sample wt/vol: 5 (mL) Date Analyzed: 06/27/2017 03:48
 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.: 445936 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	0.12	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	5.0	U	5.0	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		74-132
460-00-4	4-Bromofluorobenzene	87		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120
1868-53-7	Dibromofluoromethane (Surr)	97		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56988.b\P30039.D
 Lims ID: 460-135385-C-2
 Client ID: GT-2
 Sample Type: Client
 Inject. Date: 27-Jun-2017 03:48:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-135385-C-2
 Misc. Info.: 460-0056988-014
 Operator ID: Instrument ID: CVOAMS13
 Method: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56988.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 27-Jun-2017 09:16:11 Calib Date: 14-Apr-2017 08:47:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK028

First Level Reviewer: desais

Date: 27-Jun-2017 09:01:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.081	2.088	-0.007	99	291693	1000.0	
\$ 47 Dibromofluoromethane (Surr	113	3.070	3.062	0.008	98	150553	48.3	
* 49 2-Butanone-d5	46	3.127	3.127	0.000	98	379014	250.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.471	3.471	0.000	94	153416	43.9	
* 62 Fluorobenzene	96	3.714	3.714	0.000	99	862938	50.0	
* 72 1,4-Dioxane-d8	96	4.595	4.595	0.000	94	42036	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.262	5.261	0.001	99	617940	47.2	
82 Tetrachloroethene	166	5.756	5.749	0.007	92	627	0.1246	
* 92 Chlorobenzene-d5	117	7.138	7.138	0.000	84	658675	50.0	
\$ 103 4-Bromofluorobenzene	174	8.922	8.922	0.000	96	201409	43.6	
* 119 1,4-Dichlorobenzene-d4	152	10.684	10.684	0.000	94	373031	50.0	

Reagents:

8260ISNEW_00112	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS13\\20170626-56988.b\\P30039.D

Injection Date: 27-Jun-2017 03:48:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-135385-C-2

Lab Sample ID: 460-135385-2

Worklist Smp#: 14

Client ID: GT-2

Purge Vol: 5.000 mL

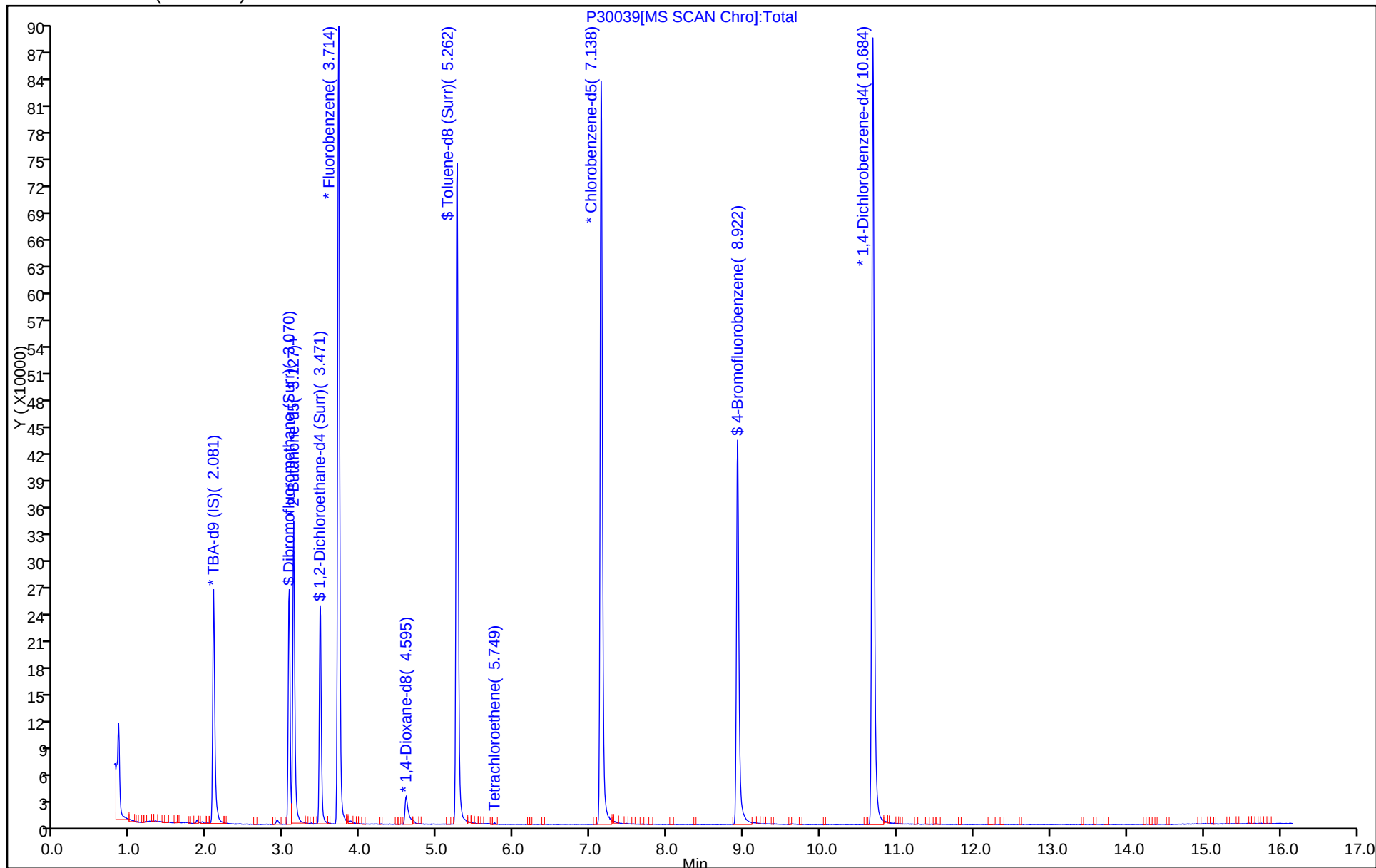
Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56988.b\P30039.D

Injection Date: 27-Jun-2017 03:48:30

Instrument ID: CVOAMS13

Lims ID: 460-135385-C-2

Lab Sample ID: 460-135385-2

Client ID: GT-2

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

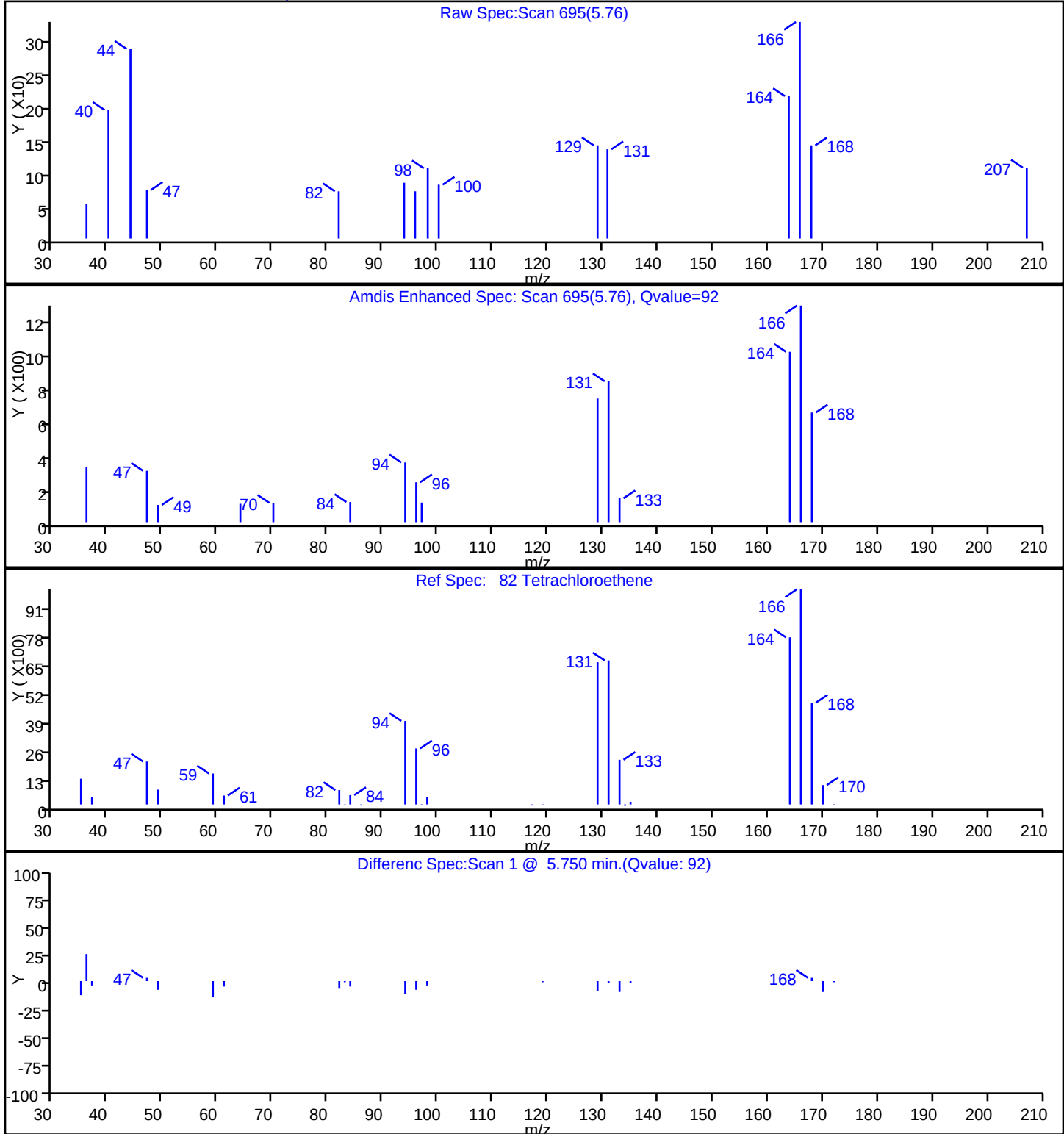
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

82 Tetrachloroethene, CAS: 127-18-4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-135385-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-3</u>	Lab Sample ID: <u>460-135385-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>P30040.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/13/2017 12:20</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>06/27/2017 04:13</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>445936</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.: 460-135385-1

SDG No.: _____

Client Sample ID: GT-3 Lab Sample ID: 460-135385-3

Matrix: Water Lab File ID: P30040.D

Analysis Method: 8260C Date Collected: 06/13/2017 12:20

Sample wt/vol: 5 (mL) Date Analyzed: 06/27/2017 04:13

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.: 445936 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	5.0	U	5.0	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		74-132
460-00-4	4-Bromofluorobenzene	86		77-124
2037-26-5	Toluene-d8 (Surr)	93		80-120
1868-53-7	Dibromofluoromethane (Surr)	96		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56988.b\P30040.D
 Lims ID: 460-135385-C-3
 Client ID: GT-3
 Sample Type: Client
 Inject. Date: 27-Jun-2017 04:13:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-135385-C-3
 Misc. Info.: 460-0056988-015
 Operator ID: Instrument ID: CVOAMS13
 Method: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56988.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 27-Jun-2017 09:16:11 Calib Date: 14-Apr-2017 08:47:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK028

First Level Reviewer: desais

Date: 27-Jun-2017 09:03:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.081	2.088	-0.007	100	290435	1000.0	
\$ 47 Dibromofluoromethane (Surr	113	3.070	3.062	0.008	98	149612	48.0	
* 49 2-Butanone-d5	46	3.127	3.127	0.000	97	376044	250.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.471	3.471	0.000	94	152254	43.5	
* 62 Fluorobenzene	96	3.714	3.714	0.000	99	863773	50.0	
* 72 1,4-Dioxane-d8	96	4.595	4.595	0.000	95	40718	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.262	5.261	0.001	99	609616	46.6	
* 92 Chlorobenzene-d5	117	7.138	7.138	0.000	84	657774	50.0	
\$ 103 4-Bromofluorobenzene	174	8.922	8.922	0.000	97	197519	42.8	
* 119 1,4-Dichlorobenzene-d4	152	10.684	10.684	0.000	93	369030	50.0	

Reagents:

8260ISNEW_00112	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS13\\20170626-56988.b\\P30040.D

Injection Date: 27-Jun-2017 04:13:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-135385-C-3

Lab Sample ID: 460-135385-3

Worklist Smp#: 15

Client ID: GT-3

Purge Vol: 5.000 mL

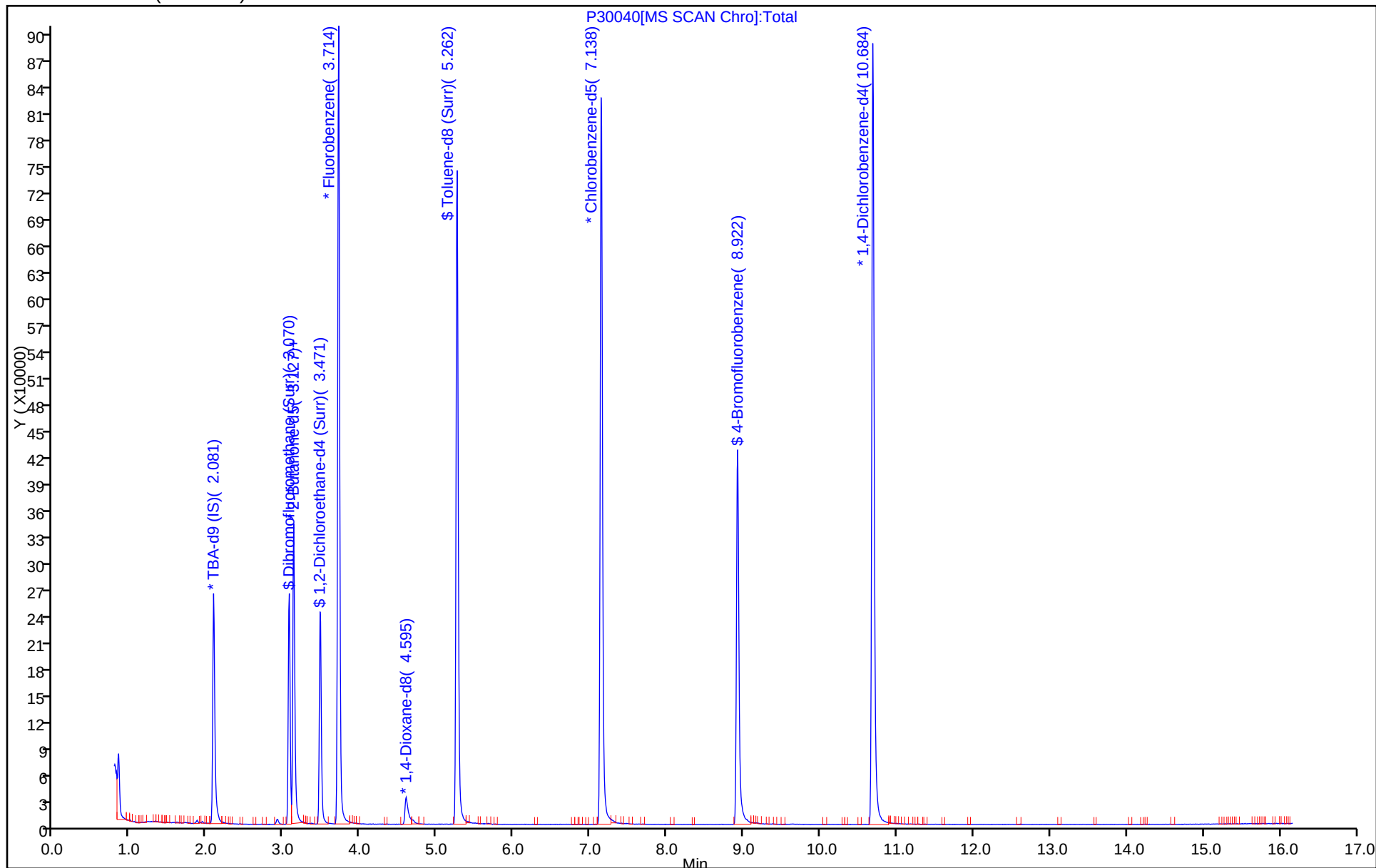
Dil. Factor: 1.0000

ALS Bottle#: 14

Method: 8260W_13

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>460-135385-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-5</u>	Lab Sample ID: <u>460-135385-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>P30041.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/13/2017 15:05</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>06/27/2017 04:39</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>445936</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>460-135385-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-5</u>	Lab Sample ID: <u>460-135385-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>P30041.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/13/2017 15:05</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>06/27/2017 04:39</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>445936</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	5.0	U	5.0	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		74-132
460-00-4	4-Bromofluorobenzene	85		77-124
2037-26-5	Toluene-d8 (Surr)	93		80-120
1868-53-7	Dibromofluoromethane (Surr)	95		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56988.b\P30041.D
 Lims ID: 460-135385-C-4
 Client ID: GT-5
 Sample Type: Client
 Inject. Date: 27-Jun-2017 04:39:30 ALS Bottle#: 15 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-135385-C-4
 Misc. Info.: 460-0056988-016
 Operator ID: Instrument ID: CVOAMS13
 Method: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56988.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 27-Jun-2017 09:16:11 Calib Date: 14-Apr-2017 08:47:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK028

First Level Reviewer: desais

Date: 27-Jun-2017 09:04:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.081	2.088	-0.007	99	293070	1000.0	
\$ 47 Dibromofluoromethane (Surr	113	3.070	3.062	0.008	98	148146	47.6	
* 49 2-Butanone-d5	46	3.127	3.127	0.000	97	380178	250.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.471	3.471	0.000	94	152805	43.8	
* 62 Fluorobenzene	96	3.714	3.714	0.000	99	862472	50.0	
* 72 1,4-Dioxane-d8	96	4.595	4.595	0.000	95	40648	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.261	5.261	0.000	99	607298	46.7	
* 92 Chlorobenzene-d5	117	7.138	7.138	0.000	85	653565	50.0	
\$ 103 4-Bromofluorobenzene	174	8.922	8.922	0.000	96	195548	42.6	
* 119 1,4-Dichlorobenzene-d4	152	10.684	10.684	0.000	94	370625	50.0	

Reagents:

8260ISNEW_00112	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS13\\20170626-56988.b\\P30041.D

Injection Date: 27-Jun-2017 04:39:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-135385-C-4

Lab Sample ID: 460-135385-4

Worklist Smp#: 16

Client ID: GT-5

Purge Vol: 5.000 mL

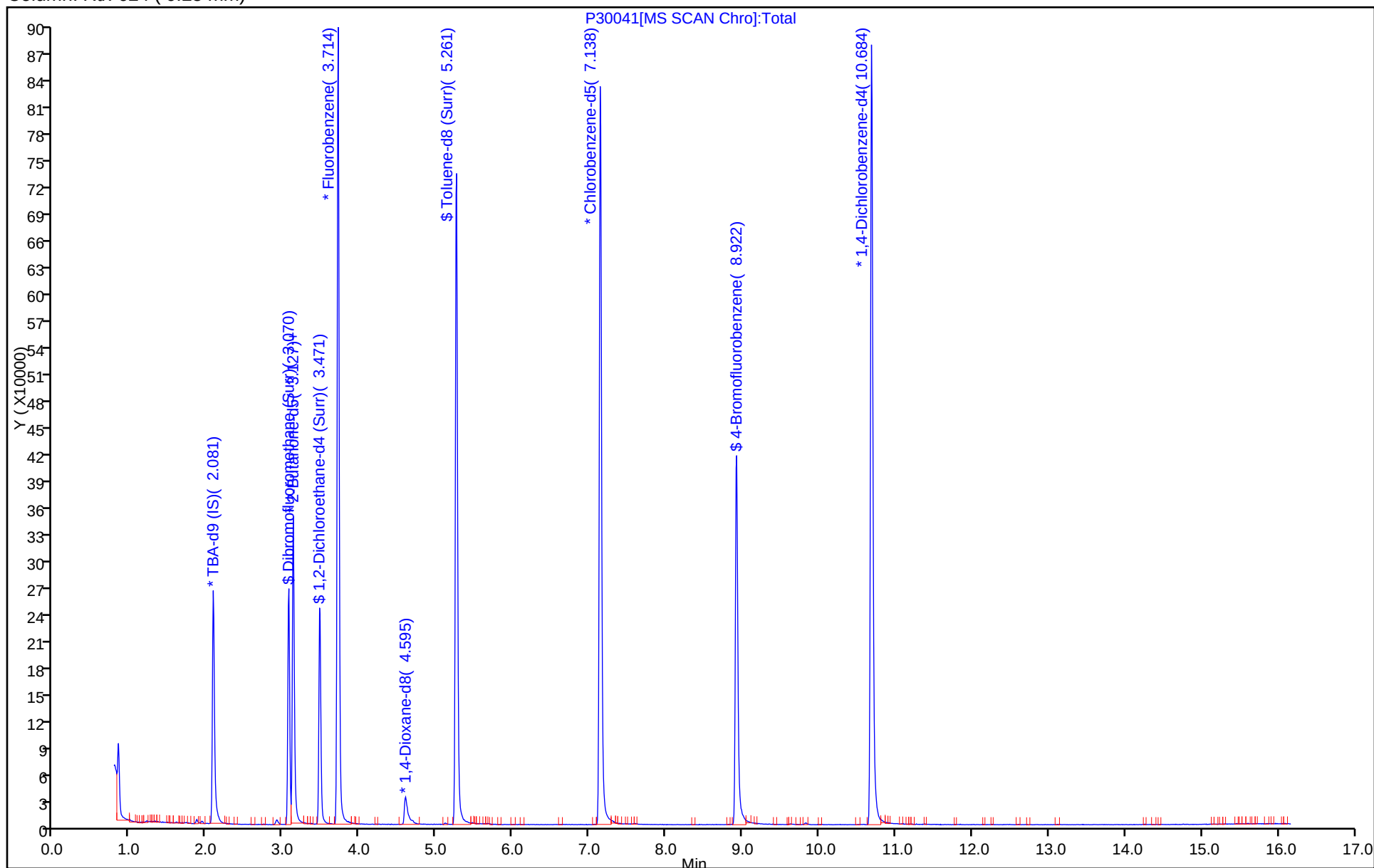
Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8260W_13

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>460-135385-1</u>
SDG No.: _____	
Client Sample ID: <u>DW-1</u>	Lab Sample ID: <u>460-135385-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>P30009.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/12/2017 16:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>06/26/2017 12:07</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>445791</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.: 460-135385-1

SDG No.: _____

Client Sample ID: DW-1 Lab Sample ID: 460-135385-5

Matrix: Water Lab File ID: P30009.D

Analysis Method: 8260C Date Collected: 06/12/2017 16:00

Sample wt/vol: 5 (mL) Date Analyzed: 06/26/2017 12:07

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.: 445791 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	5.0	U	5.0	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		74-132
460-00-4	4-Bromofluorobenzene	90		77-124
2037-26-5	Toluene-d8 (Surr)	98		80-120
1868-53-7	Dibromofluoromethane (Surr)	98		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56954.b\P30009.D
 Lims ID: 460-135385-C-5
 Client ID: DW-1
 Sample Type: Client
 Inject. Date: 26-Jun-2017 12:07:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-135385-C-5
 Misc. Info.: 460-0056954-009
 Operator ID: Instrument ID: CVOAMS13
 Method: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56954.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Jun-2017 14:16:08 Calib Date: 14-Apr-2017 08:47:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: desais

Date: 26-Jun-2017 12:25:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.081	2.088	-0.007	100	268880	1000.0	
\$ 47 Dibromofluoromethane (Surr	113	3.070	3.062	0.008	98	148617	49.2	
* 49 2-Butanone-d5	46	3.127	3.127	0.000	97	352271	250.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.471	3.471	0.000	94	156403	46.1	
* 62 Fluorobenzene	96	3.714	3.714	0.000	99	837283	50.0	
* 72 1,4-Dioxane-d8	96	4.595	4.595	0.000	94	38592	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.262	5.261	0.001	99	619606	49.1	
* 92 Chlorobenzene-d5	117	7.138	7.138	0.000	84	633661	50.0	
\$ 103 4-Bromofluorobenzene	174	8.922	8.922	0.000	98	200274	45.0	
* 119 1,4-Dichlorobenzene-d4	152	10.684	10.684	0.000	93	356748	50.0	

Reagents:

8260ISNEW_00112	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56954.b\P30009.D

Injection Date: 26-Jun-2017 12:07:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-135385-C-5

Lab Sample ID: 460-135385-5

Worklist Smp#: 9

Client ID: DW-1

Purge Vol: 5.000 mL

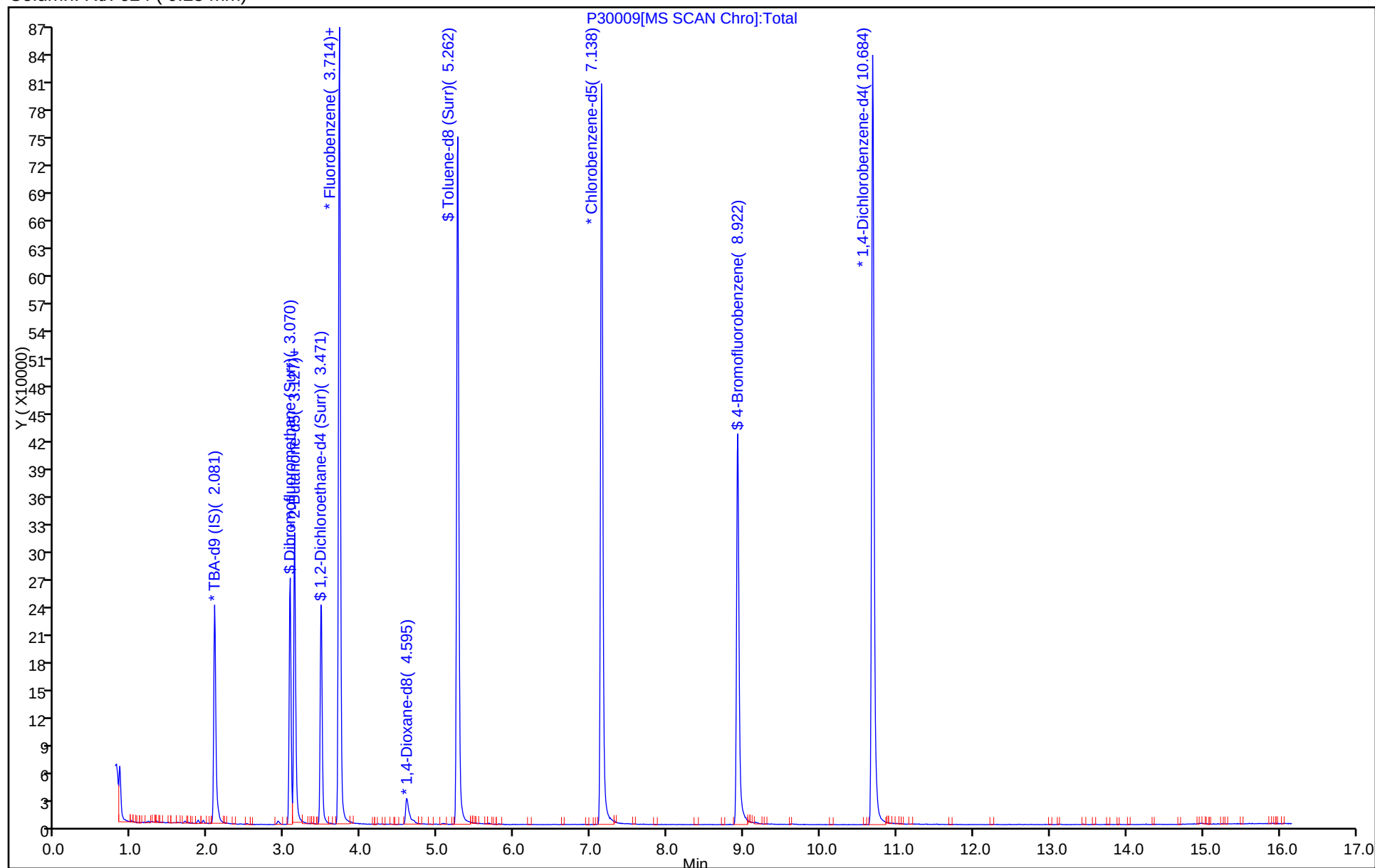
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260W_13

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>460-135385-1</u>
SDG No.: _____	
Client Sample ID: <u>VE-5</u>	Lab Sample ID: <u>460-135385-6</u>
Matrix: <u>Water</u>	Lab File ID: <u>P30042.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/13/2017 09:10</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>06/27/2017 05:04</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>445936</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.: 460-135385-1

SDG No.: _____

Client Sample ID: VE-5 Lab Sample ID: 460-135385-6

Matrix: Water Lab File ID: P30042.D

Analysis Method: 8260C Date Collected: 06/13/2017 09:10

Sample wt/vol: 5 (mL) Date Analyzed: 06/27/2017 05:04

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.: 445936 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	0.19	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	5.0	U	5.0	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		74-132
460-00-4	4-Bromofluorobenzene	84		77-124
2037-26-5	Toluene-d8 (Surr)	93		80-120
1868-53-7	Dibromofluoromethane (Surr)	93		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56988.b\P30042.D
 Lims ID: 460-135385-C-6
 Client ID: VE-5
 Sample Type: Client
 Inject. Date: 27-Jun-2017 05:04:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-135385-C-6
 Misc. Info.: 460-0056988-017
 Operator ID: Instrument ID: CVOAMS13
 Method: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56988.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 27-Jun-2017 09:16:11 Calib Date: 14-Apr-2017 08:47:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK028

First Level Reviewer: desais

Date: 27-Jun-2017 09:04:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.081	2.088	-0.007	100	298985	1000.0	
\$ 47 Dibromofluoromethane (Surr	113	3.069	3.062	0.007	98	144408	46.7	
* 49 2-Butanone-d5	46	3.127	3.127	0.000	98	384084	250.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.471	3.471	0.000	94	150593	43.4	
* 62 Fluorobenzene	96	3.714	3.714	0.000	99	856678	50.0	
* 72 1,4-Dioxane-d8	96	4.595	4.595	0.000	94	42853	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.261	5.261	0.000	99	602426	46.6	
82 Tetrachloroethene	166	5.756	5.749	0.007	90	953	0.1920	
* 92 Chlorobenzene-d5	117	7.138	7.138	0.000	84	649610	50.0	
\$ 103 4-Bromofluorobenzene	174	8.922	8.922	0.000	95	191203	41.9	
* 119 1,4-Dichlorobenzene-d4	152	10.684	10.684	0.000	94	369182	50.0	

Reagents:

8260ISNEW_00112	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS13\\20170626-56988.b\\P30042.D

Injection Date: 27-Jun-2017 05:04:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-135385-C-6

Lab Sample ID: 460-135385-6

Worklist Smp#: 17

Client ID: VE-5

Purge Vol: 5.000 mL

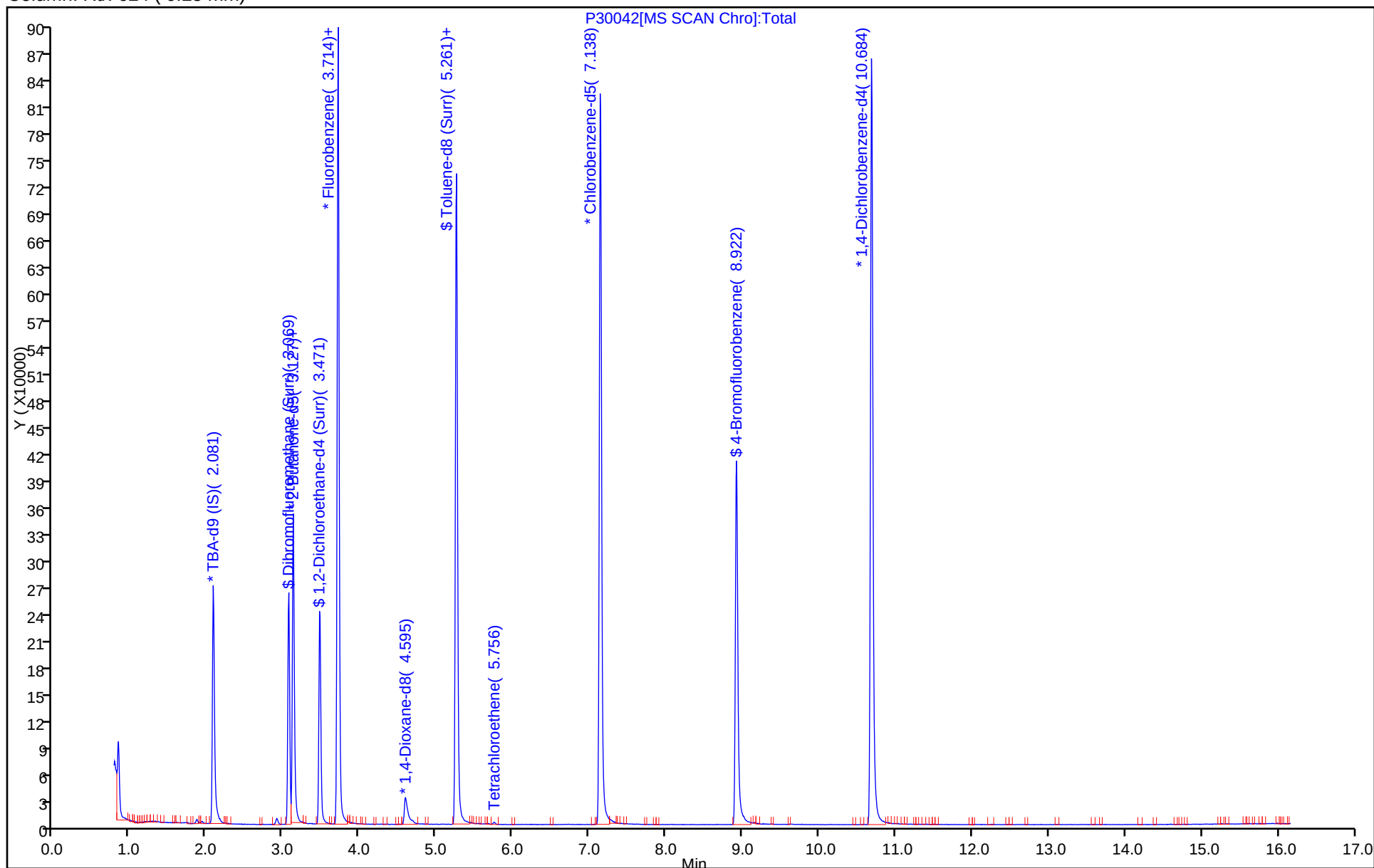
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56988.b\P30042.D

Injection Date: 27-Jun-2017 05:04:30

Instrument ID: CVOAMS13

Lims ID: 460-135385-C-6

Lab Sample ID: 460-135385-6

Client ID: VE-5

Operator ID:

ALS Bottle#: 16

Worklist Smp#: 17

Purge Vol: 5.000 mL

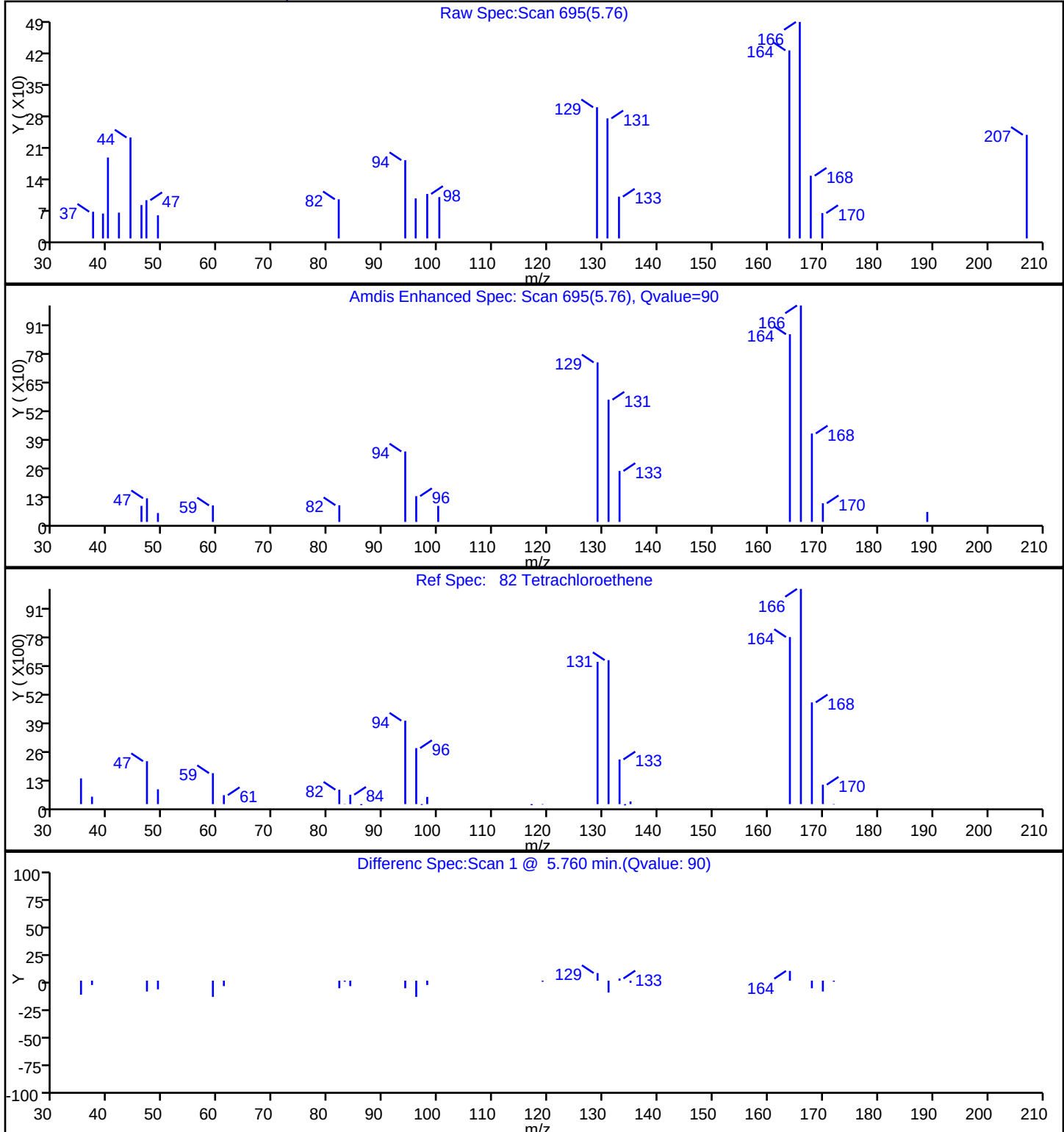
Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

82 Tetrachloroethene, CAS: 127-18-4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-135385-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-1</u>	Lab Sample ID: <u>460-135536-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>J573504.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/14/2017 10:50</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>06/27/2017 17:55</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>446090</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.: 460-135385-1

SDG No.: _____

Client Sample ID: GT-1 Lab Sample ID: 460-135536-1

Matrix: Water Lab File ID: J573504.D

Analysis Method: 8260C Date Collected: 06/14/2017 10:50

Sample wt/vol: 5 (mL) Date Analyzed: 06/27/2017 17:55

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.: 446090 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	5.0	U	5.0	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		74-132
460-00-4	4-Bromofluorobenzene	103		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120
1868-53-7	Dibromofluoromethane (Surr)	103		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\J573504.D
 Lims ID: 460-135536-C-1
 Client ID: GT-1
 Sample Type: Client
 Inject. Date: 27-Jun-2017 17:55:30 ALS Bottle#: 19 Worklist Smp#: 20
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-135536-C-1
 Misc. Info.: 460-0057019-020
 Operator ID: Instrument ID: CVOAMS8
 Method: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\8260_W8.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Jun-2017 11:33:04 Calib Date: 23-Jun-2017 02:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: starzecm

Date: 27-Jun-2017 18:23:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.724	2.726	-0.002	81	114775	1000.0	
* 39 2-Butanone-d5	46	4.034	4.036	-0.002	87	132415	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.593	4.595	-0.002	97	76564	51.6	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.010	5.000	0.010	96	85091	47.9	
* 62 Fluorobenzene	96	5.315	5.311	0.004	99	369122	50.0	
* 68 1,4-Dioxane-d8	96	6.114	6.128	-0.014	91	14454	1000.0	
\$ 79 Toluene-d8 (Surr)	98	7.195	7.192	0.003	99	300799	48.0	
* 90 Chlorobenzene-d5	117	9.134	9.125	0.009	83	281018	50.0	
\$ 101 4-Bromofluorobenzene	174	10.368	10.364	0.004	96	98635	51.3	
* 117 1,4-Dichlorobenzene-d4	152	11.255	11.257	-0.002	93	152882	50.0	

Reagents:

8260ISNEW_00112	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS8\\20170627-57019.b\\J573504.D

Injection Date: 27-Jun-2017 17:55:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-135536-C-1

Lab Sample ID: 460-135536-1

Worklist Smp#: 20

Client ID: GT-1

Purge Vol: 5.000 mL

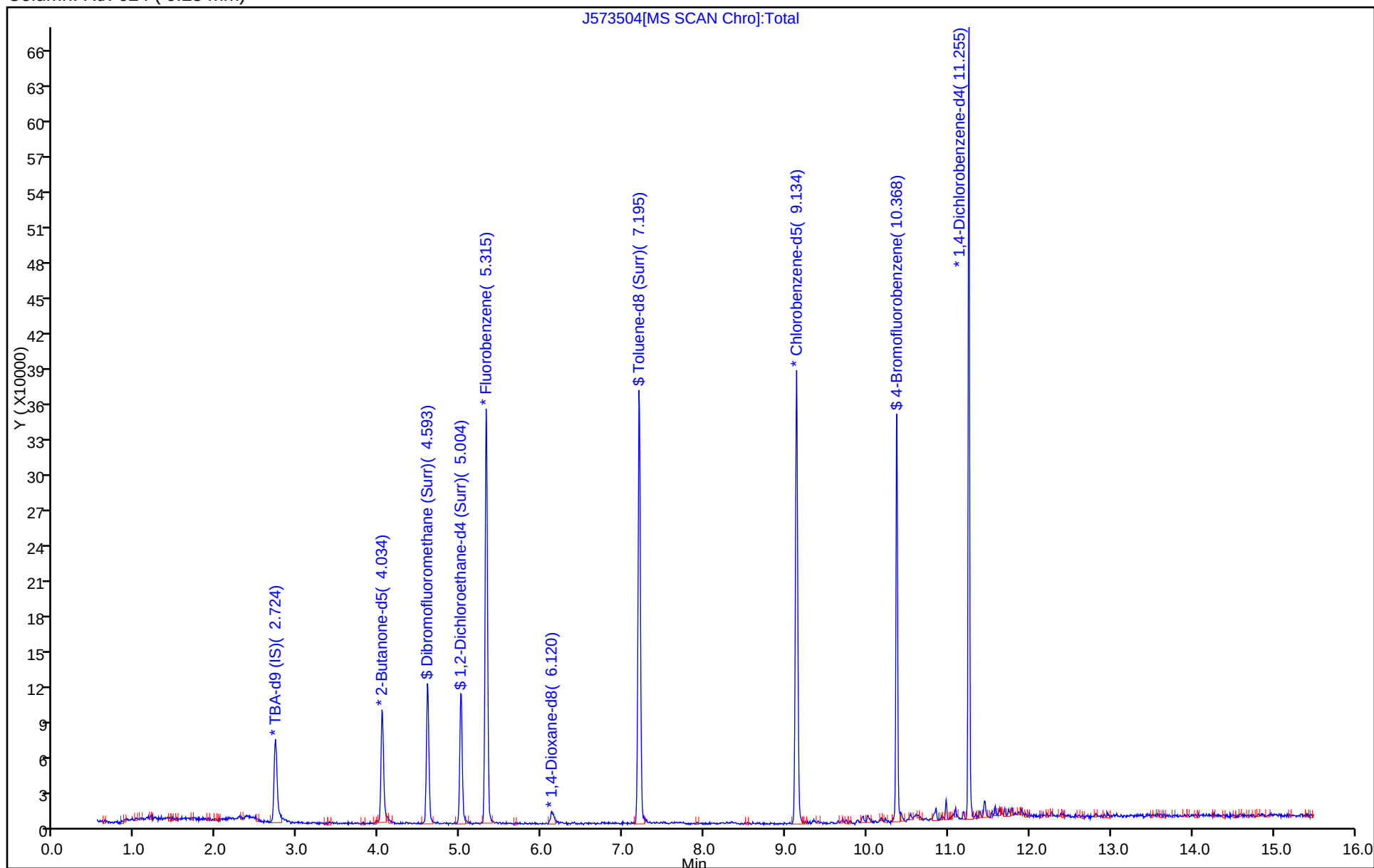
Dil. Factor: 1.0000

ALS Bottle#: 19

Method: 8260_W8

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>460-135385-1</u>
SDG No.: _____	
Client Sample ID: <u>Trip Blank-2</u>	Lab Sample ID: <u>460-135536-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>J573505.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/14/2017 13:30</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>06/27/2017 18:22</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>446090</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.: 460-135385-1
 SDG No.: _____
 Client Sample ID: Trip Blank-2 Lab Sample ID: 460-135536-2
 Matrix: Water Lab File ID: J573505.D
 Analysis Method: 8260C Date Collected: 06/14/2017 13:30
 Sample wt/vol: 5 (mL) Date Analyzed: 06/27/2017 18:22
 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.: 446090 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	5.0	U	5.0	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		74-132
460-00-4	4-Bromofluorobenzene	107		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120
1868-53-7	Dibromofluoromethane (Surr)	104		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\J573505.D
 Lims ID: 460-135536-C-2
 Client ID: Trip Blank-2
 Sample Type: Client
 Inject. Date: 27-Jun-2017 18:22:30 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-135536-C-2
 Misc. Info.: 460-0057019-021
 Operator ID: Instrument ID: CVOAMS8
 Method: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\8260_W8.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 27-Jun-2017 19:09:25 Calib Date: 23-Jun-2017 02:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: starzecm

Date: 27-Jun-2017 19:09:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.724	2.726	-0.002	81	99832	1000.0	
* 39 2-Butanone-d5	46	4.034	4.036	-0.002	87	118892	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.593	4.595	-0.002	97	71849	52.1	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.010	5.000	0.010	97	78472	47.6	
* 62 Fluorobenzene	96	5.315	5.311	0.004	99	342576	50.0	
* 68 1,4-Dioxane-d8	96	6.138	6.128	0.010	95	14893	1000.0	
\$ 79 Toluene-d8 (Surr)	98	7.195	7.192	0.003	100	278863	48.1	
* 90 Chlorobenzene-d5	117	9.134	9.125	0.009	83	260179	50.0	
\$ 101 4-Bromofluorobenzene	174	10.368	10.364	0.004	97	95132	53.5	
* 117 1,4-Dichlorobenzene-d4	152	11.249	11.257	-0.008	93	151243	50.0	

Reagents:

8260ISNEW_00112	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS8\\20170627-57019.b\\J573505.D

Injection Date: 27-Jun-2017 18:22:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-135536-C-2

Lab Sample ID: 460-135536-2

Worklist Smp#: 21

Client ID: Trip Blank-2

Purge Vol: 5.000 mL

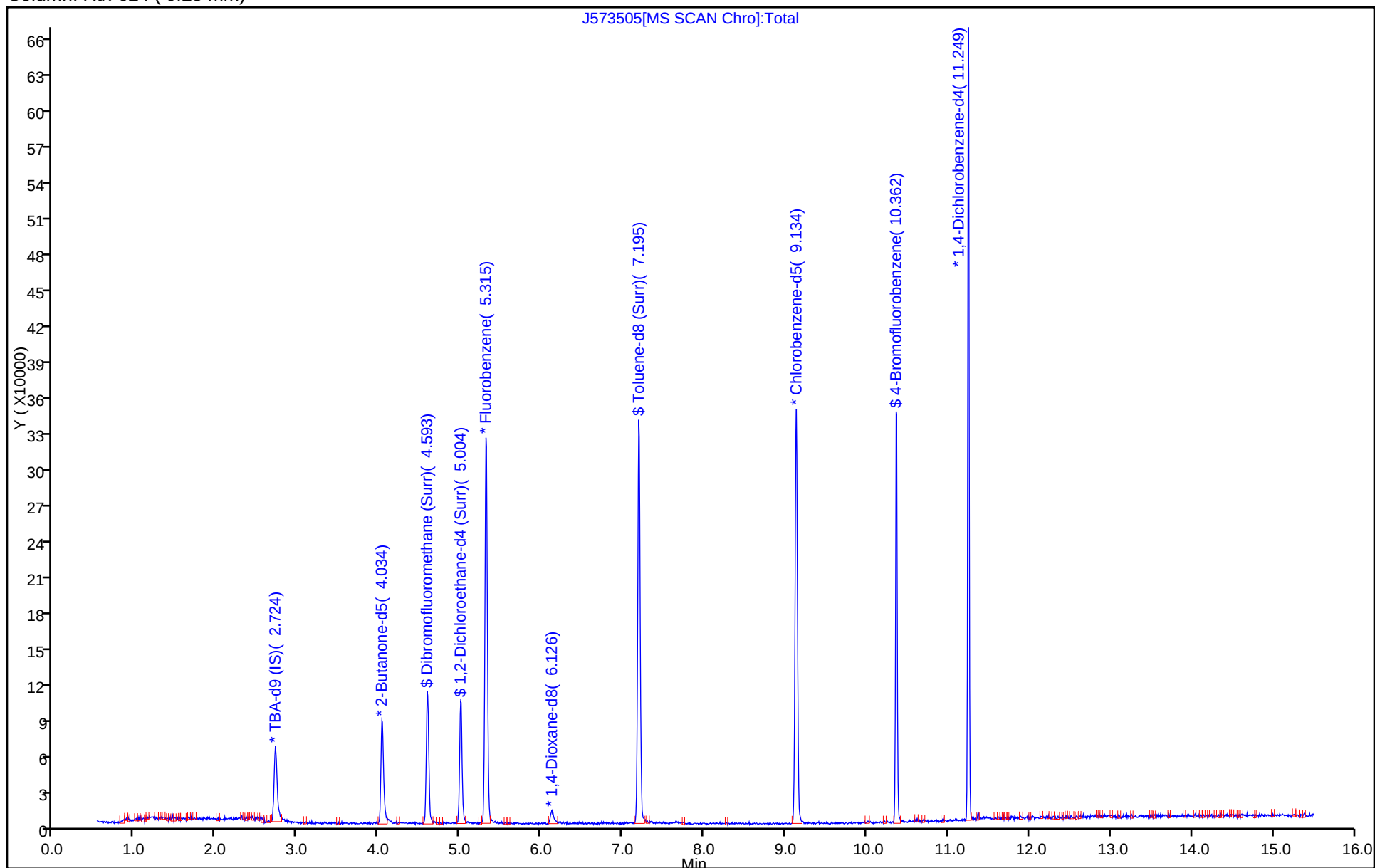
Dil. Factor: 1.0000

ALS Bottle#: 20

Method: 8260_W8

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>460-135385-1</u>
SDG No.: _____	
Client Sample ID: <u>Rinse Blank-1</u>	Lab Sample ID: <u>460-135536-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>J573511.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/14/2017 13:30</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>06/27/2017 20:58</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>446090</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.: 460-135385-1

SDG No.: _____

Client Sample ID: Rinse Blank-1 Lab Sample ID: 460-135536-3

Matrix: Water Lab File ID: J573511.D

Analysis Method: 8260C Date Collected: 06/14/2017 13:30

Sample wt/vol: 5 (mL) Date Analyzed: 06/27/2017 20:58

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.: 446090 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	5.0	U	5.0	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		74-132
460-00-4	4-Bromofluorobenzene	105		77-124
2037-26-5	Toluene-d8 (Surr)	93		80-120
1868-53-7	Dibromofluoromethane (Surr)	107		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\J573511.D
 Lims ID: 460-135536-C-3
 Client ID: Rinse Blank-1
 Sample Type: Client
 Inject. Date: 27-Jun-2017 20:58:30 ALS Bottle#: 26 Worklist Smp#: 27
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-135536-C-3
 Misc. Info.: 460-0057019-027
 Operator ID: Instrument ID: CVOAMS8
 Method: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\8260_W8.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Jun-2017 11:36:00 Calib Date: 23-Jun-2017 02:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: starzecm

Date: 27-Jun-2017 21:51:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.725	2.726	-0.001	81	100101	1000.0	
* 39 2-Butanone-d5	46	4.035	4.036	-0.001	87	117347	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.594	4.595	-0.001	96	72632	53.4	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.005	5.000	0.005	95	78122	48.1	
* 62 Fluorobenzene	96	5.316	5.311	0.005	99	338040	50.0	
* 68 1,4-Dioxane-d8	96	6.133	6.128	0.005	95	13855	1000.0	
\$ 79 Toluene-d8 (Surr)	98	7.191	7.192	-0.001	99	279189	46.6	
* 90 Chlorobenzene-d5	117	9.129	9.125	0.004	84	268590	50.0	
\$ 101 4-Bromofluorobenzene	174	10.363	10.364	-0.001	98	96487	52.5	
* 117 1,4-Dichlorobenzene-d4	152	11.251	11.257	-0.006	93	147545	50.0	

Reagents:

8260ISNEW_00112	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\J573511.D

Injection Date: 27-Jun-2017 20:58:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-135536-C-3

Lab Sample ID: 460-135536-3

Worklist Smp#: 27

Client ID: Rinse Blank-1

Purge Vol: 5.000 mL

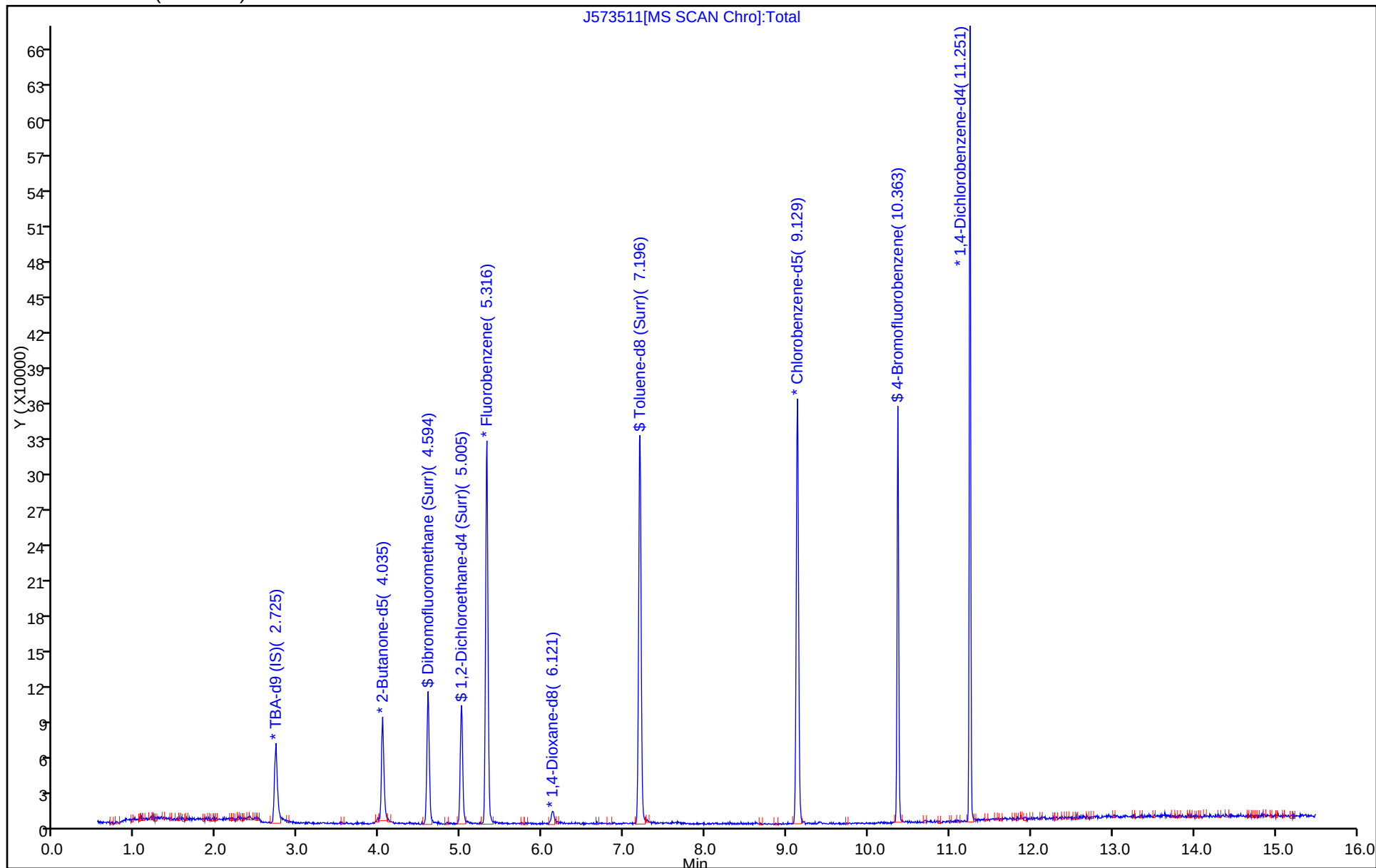
Dil. Factor: 1.0000

ALS Bottle#: 26

Method: 8260_W8

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>460-135385-1</u>
SDG No.: _____	
Client Sample ID: <u>Rinse Blank-2</u>	Lab Sample ID: <u>460-135536-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>J573512.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/14/2017 01:40</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>06/27/2017 21:24</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>446090</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>460-135385-1</u>
SDG No.: _____	
Client Sample ID: <u>Rinse Blank-2</u>	Lab Sample ID: <u>460-135536-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>J573512.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/14/2017 01:40</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>06/27/2017 21:24</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>446090</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	5.0	U	5.0	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		74-132
460-00-4	4-Bromofluorobenzene	101		77-124
2037-26-5	Toluene-d8 (Surr)	91		80-120
1868-53-7	Dibromofluoromethane (Surr)	102		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\J573512.D
 Lims ID: 460-135536-C-4
 Client ID: Rinse Blank-2
 Sample Type: Client
 Inject. Date: 27-Jun-2017 21:24:30 ALS Bottle#: 27 Worklist Smp#: 28
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-135536-C-4
 Misc. Info.: 460-0057019-028
 Operator ID: Instrument ID: CVOAMS8
 Method: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\8260_W8.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Jun-2017 11:36:20 Calib Date: 23-Jun-2017 02:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: starzecm

Date: 27-Jun-2017 21:53:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.726	2.726	0.000	80	102450	1000.0	
* 39 2-Butanone-d5	46	4.036	4.036	0.000	87	114179	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.595	4.595	0.000	97	70831	51.2	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.006	5.000	0.006	96	79718	48.2	
* 62 Fluorobenzene	96	5.317	5.311	0.006	99	343990	50.0	
* 68 1,4-Dioxane-d8	96	6.128	6.128	0.000	93	13597	1000.0	
\$ 79 Toluene-d8 (Surr)	98	7.197	7.192	0.005	100	276616	45.6	
* 90 Chlorobenzene-d5	117	9.130	9.125	0.005	83	271898	50.0	
\$ 101 4-Bromofluorobenzene	174	10.364	10.364	0.000	97	93740	50.4	
* 117 1,4-Dichlorobenzene-d4	152	11.251	11.257	-0.006	93	147671	50.0	

Reagents:

8260ISNEW_00112	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS8\\20170627-57019.b\\J573512.D

Injection Date: 27-Jun-2017 21:24:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-135536-C-4

Lab Sample ID: 460-135536-4

Worklist Smp#: 28

Client ID: Rinse Blank-2

Purge Vol: 5.000 mL

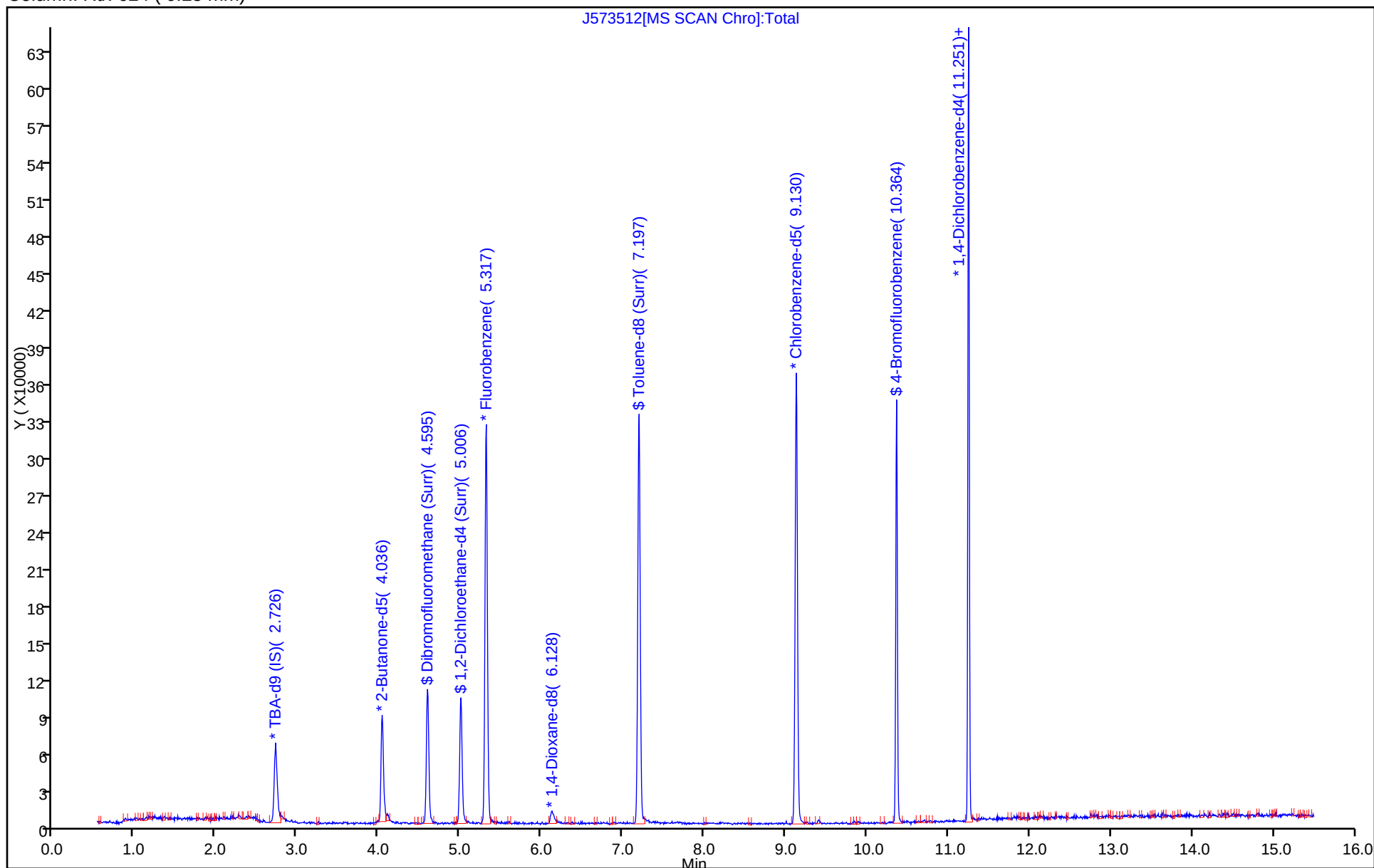
Dil. Factor: 1.0000

ALS Bottle#: 27

Method: 8260_W8

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>460-135385-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-6</u>	Lab Sample ID: <u>460-135536-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>J573506.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/13/2017 17:50</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>06/27/2017 18:48</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>446090</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>460-135385-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-6</u>	Lab Sample ID: <u>460-135536-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>J573506.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/13/2017 17:50</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>06/27/2017 18:48</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>446090</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	5.0	U	5.0	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		74-132
460-00-4	4-Bromofluorobenzene	102		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120
1868-53-7	Dibromofluoromethane (Surr)	105		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\J573506.D
 Lims ID: 460-135536-A-5
 Client ID: GT-6
 Sample Type: Client
 Inject. Date: 27-Jun-2017 18:48:30 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-135536-A-5
 Misc. Info.: 460-0057019-022
 Operator ID: Instrument ID: CVOAMS8
 Method: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\8260_W8.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Jun-2017 11:33:29 Calib Date: 23-Jun-2017 02:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: starzecm

Date: 27-Jun-2017 19:10:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.733	2.726	0.007	80	105731	1000.0	
* 39 2-Butanone-d5	46	4.037	4.036	0.001	88	124818	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.601	4.595	0.006	96	76018	52.3	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.007	5.000	0.007	96	81061	46.6	
* 62 Fluorobenzene	96	5.318	5.311	0.007	99	361640	50.0	
* 68 1,4-Dioxane-d8	96	6.135	6.128	0.007	93	12858	1000.0	
\$ 79 Toluene-d8 (Surr)	98	7.198	7.192	0.006	99	291181	47.3	
* 90 Chlorobenzene-d5	117	9.131	9.125	0.006	83	276303	50.0	
\$ 101 4-Bromofluorobenzene	174	10.365	10.364	0.001	95	96740	51.2	
* 117 1,4-Dichlorobenzene-d4	152	11.252	11.257	-0.005	93	149111	50.0	

Reagents:

8260ISNEW_00112	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS8\\20170627-57019.b\\J573506.D

Injection Date: 27-Jun-2017 18:48:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-135536-A-5

Lab Sample ID: 460-135536-5

Worklist Smp#: 22

Client ID: GT-6

Purge Vol: 5.000 mL

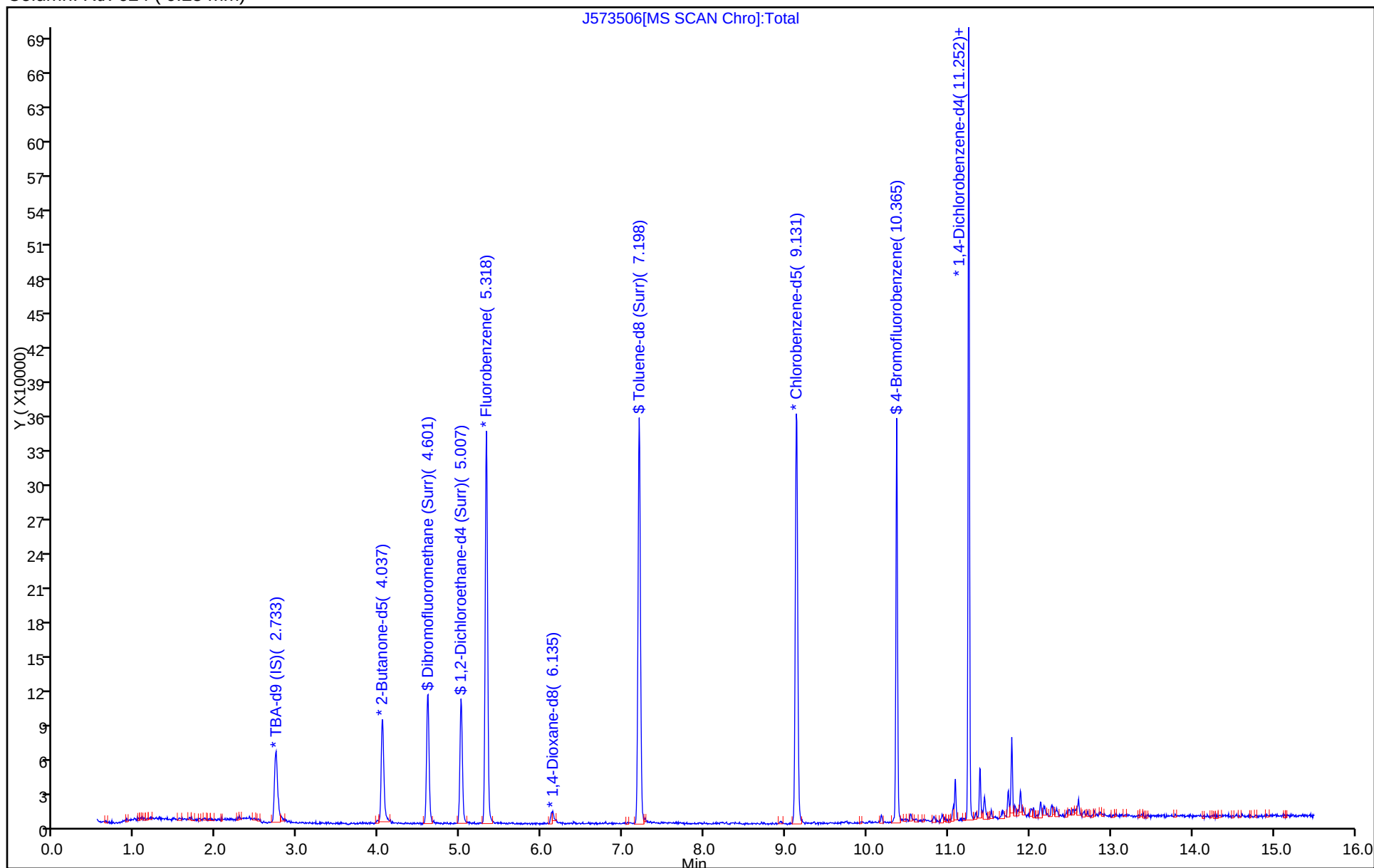
Dil. Factor: 1.0000

ALS Bottle#: 21

Method: 8260_W8

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>460-135385-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-7</u>	Lab Sample ID: <u>460-135536-6</u>
Matrix: <u>Water</u>	Lab File ID: <u>J573502.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/13/2017 16:40</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>06/27/2017 17:03</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>446090</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.: 460-135385-1
 SDG No.: _____
 Client Sample ID: GT-7 Lab Sample ID: 460-135536-6
 Matrix: Water Lab File ID: J573502.D
 Analysis Method: 8260C Date Collected: 06/13/2017 16:40
 Sample wt/vol: 5 (mL) Date Analyzed: 06/27/2017 17:03
 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.: 446090 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	5.0	U	5.0	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		74-132
460-00-4	4-Bromofluorobenzene	106		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120
1868-53-7	Dibromofluoromethane (Surr)	106		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\J573502.D
 Lims ID: 460-135536-C-6
 Client ID: GT-7
 Sample Type: Client
 Inject. Date: 27-Jun-2017 17:03:30 ALS Bottle#: 17 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-135536-C-6
 Misc. Info.: 460-0057019-018
 Operator ID: Instrument ID: CVOAMS8
 Method: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\8260_W8.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Jun-2017 11:30:05 Calib Date: 23-Jun-2017 02:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: baronm

Date: 28-Jun-2017 11:31:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.720	2.726	-0.006	80	100860	1000.0	
* 39 2-Butanone-d5	46	4.036	4.036	0.000	87	120276	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.594	4.595	-0.001	96	73624	53.0	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.006	5.000	0.006	97	78902	47.5	
* 62 Fluorobenzene	96	5.317	5.311	0.006	99	345318	50.0	
* 68 1,4-Dioxane-d8	96	6.134	6.128	0.006	93	12982	1000.0	
\$ 79 Toluene-d8 (Surr)	98	7.197	7.192	0.005	99	277458	46.8	
* 90 Chlorobenzene-d5	117	9.136	9.125	0.011	84	265691	50.0	
\$ 101 4-Bromofluorobenzene	174	10.364	10.364	0.000	97	96174	52.9	
* 117 1,4-Dichlorobenzene-d4	152	11.257	11.257	0.000	93	145982	50.0	

Reagents:

8260ISNEW_00112	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS8\\20170627-57019.b\\J573502.D

Injection Date: 27-Jun-2017 17:03:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-135536-C-6

Lab Sample ID: 460-135536-6

Worklist Smp#: 18

Client ID: GT-7

Purge Vol: 5.000 mL

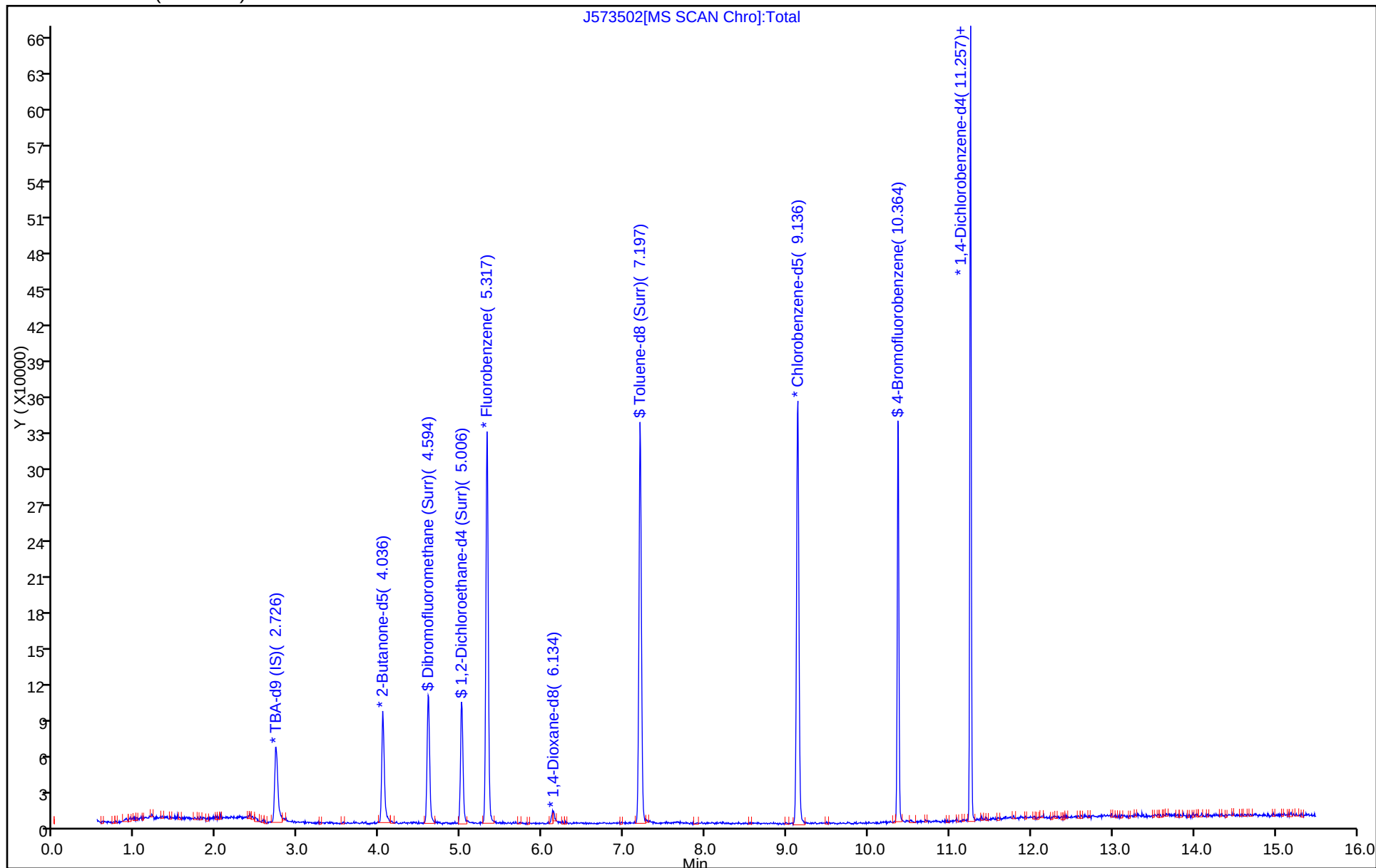
Dil. Factor: 1.0000

ALS Bottle#: 17

Method: 8260_W8

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>460-135385-1</u>
SDG No.: _____	
Client Sample ID: <u>VE-1R</u>	Lab Sample ID: <u>460-135536-7</u>
Matrix: <u>Water</u>	Lab File ID: <u>J573508.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/14/2017 13:05</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>06/27/2017 19:40</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>446090</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.: 460-135385-1

SDG No.: _____

Client Sample ID: VE-1R Lab Sample ID: 460-135536-7

Matrix: Water Lab File ID: J573508.D

Analysis Method: 8260C Date Collected: 06/14/2017 13:05

Sample wt/vol: 5 (mL) Date Analyzed: 06/27/2017 19:40

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.: 446090 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	5.0	U	5.0	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		74-132
460-00-4	4-Bromofluorobenzene	102		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120
1868-53-7	Dibromofluoromethane (Surr)	106		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\J573508.D
 Lims ID: 460-135536-C-7
 Client ID: VE-1R
 Sample Type: Client
 Inject. Date: 27-Jun-2017 19:40:30 ALS Bottle#: 23 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-135536-C-7
 Misc. Info.: 460-0057019-024
 Operator ID: Instrument ID: CVOAMS8
 Method: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\8260_W8.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Jun-2017 11:35:05 Calib Date: 23-Jun-2017 02:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: starzecm

Date: 27-Jun-2017 19:58:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.724	2.726	-0.002	80	108312	1000.0	
* 39 2-Butanone-d5	46	4.034	4.036	-0.002	87	127238	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.592	4.595	-0.003	98	77189	52.8	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.003	5.000	0.003	96	82363	47.2	
* 62 Fluorobenzene	96	5.315	5.311	0.004	99	363188	50.0	
* 68 1,4-Dioxane-d8	96	6.126	6.128	-0.002	94	12611	1000.0	
\$ 79 Toluene-d8 (Surr)	98	7.201	7.192	0.009	100	285463	47.3	
* 90 Chlorobenzene-d5	117	9.134	9.125	0.009	84	270800	50.0	
\$ 101 4-Bromofluorobenzene	174	10.368	10.364	0.004	98	94467	51.0	
* 117 1,4-Dichlorobenzene-d4	152	11.249	11.257	-0.008	93	146501	50.0	

Reagents:

8260ISNEW_00112	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS8\\20170627-57019.b\\J573508.D

Injection Date: 27-Jun-2017 19:40:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-135536-C-7

Lab Sample ID: 460-135536-7

Worklist Smp#: 24

Client ID: VE-1R

Purge Vol: 5.000 mL

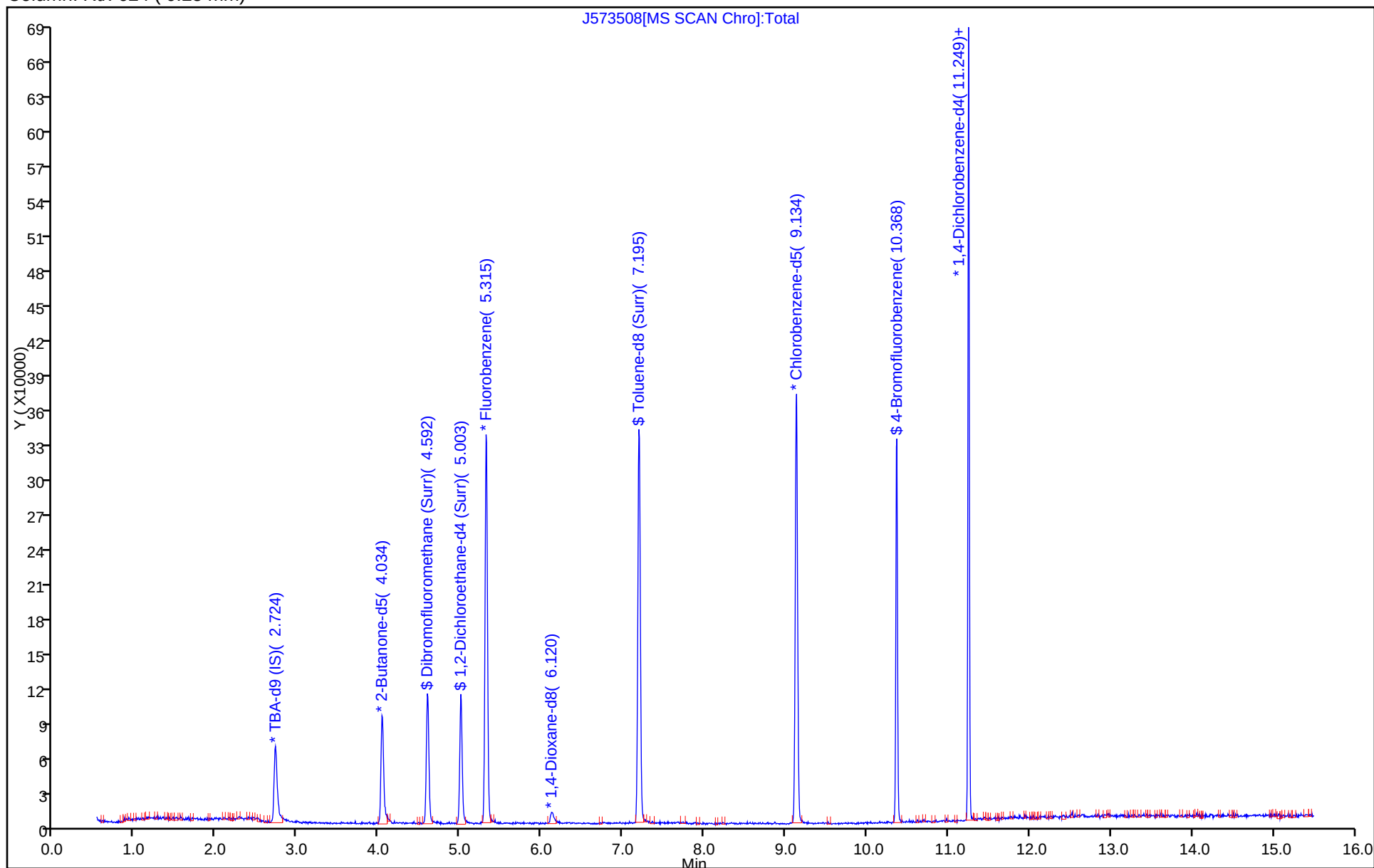
Dil. Factor: 1.0000

ALS Bottle#: 23

Method: 8260_W8

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>460-135385-1</u>
SDG No.: _____	
Client Sample ID: <u>VP-A</u>	Lab Sample ID: <u>460-135536-8</u>
Matrix: <u>Water</u>	Lab File ID: <u>J573503.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/13/2017 19:15</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>06/27/2017 17:29</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>446090</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.: 460-135385-1
 SDG No.: _____
 Client Sample ID: VP-A Lab Sample ID: 460-135536-8
 Matrix: Water Lab File ID: J573503.D
 Analysis Method: 8260C Date Collected: 06/13/2017 19:15
 Sample wt/vol: 5 (mL) Date Analyzed: 06/27/2017 17:29
 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.: 446090 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	5.0	U	5.0	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		74-132
460-00-4	4-Bromofluorobenzene	101		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120
1868-53-7	Dibromofluoromethane (Surr)	108		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\J573503.D
 Lims ID: 460-135536-C-8
 Client ID: VP-A
 Sample Type: Client
 Inject. Date: 27-Jun-2017 17:29:30 ALS Bottle#: 18 Worklist Smp#: 19
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-135536-C-8
 Misc. Info.: 460-0057019-019
 Operator ID: Instrument ID: CVOAMS8
 Method: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\8260_W8.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Jun-2017 11:32:43 Calib Date: 23-Jun-2017 02:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: starzecm

Date: 27-Jun-2017 18:22:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.730	2.726	0.004	80	108599	1000.0	
* 39 2-Butanone-d5	46	4.035	4.036	-0.001	87	134859	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.599	4.595	0.004	98	77327	54.2	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.010	5.000	0.010	97	85067	49.9	
* 62 Fluorobenzene	96	5.315	5.311	0.004	99	354440	50.0	
* 68 1,4-Dioxane-d8	96	6.132	6.128	0.004	93	13153	1000.0	
\$ 79 Toluene-d8 (Surr)	98	7.196	7.192	0.004	100	292606	48.3	
* 90 Chlorobenzene-d5	117	9.134	9.125	0.009	85	271410	50.0	
\$ 101 4-Bromofluorobenzene	174	10.368	10.364	0.004	97	94174	50.7	
* 117 1,4-Dichlorobenzene-d4	152	11.256	11.257	-0.001	93	147322	50.0	

Reagents:

8260ISNEW_00112	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS8\\20170627-57019.b\\J573503.D

Injection Date: 27-Jun-2017 17:29:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-135536-C-8

Lab Sample ID: 460-135536-8

Worklist Smp#: 19

Client ID: VP-A

Purge Vol: 5.000 mL

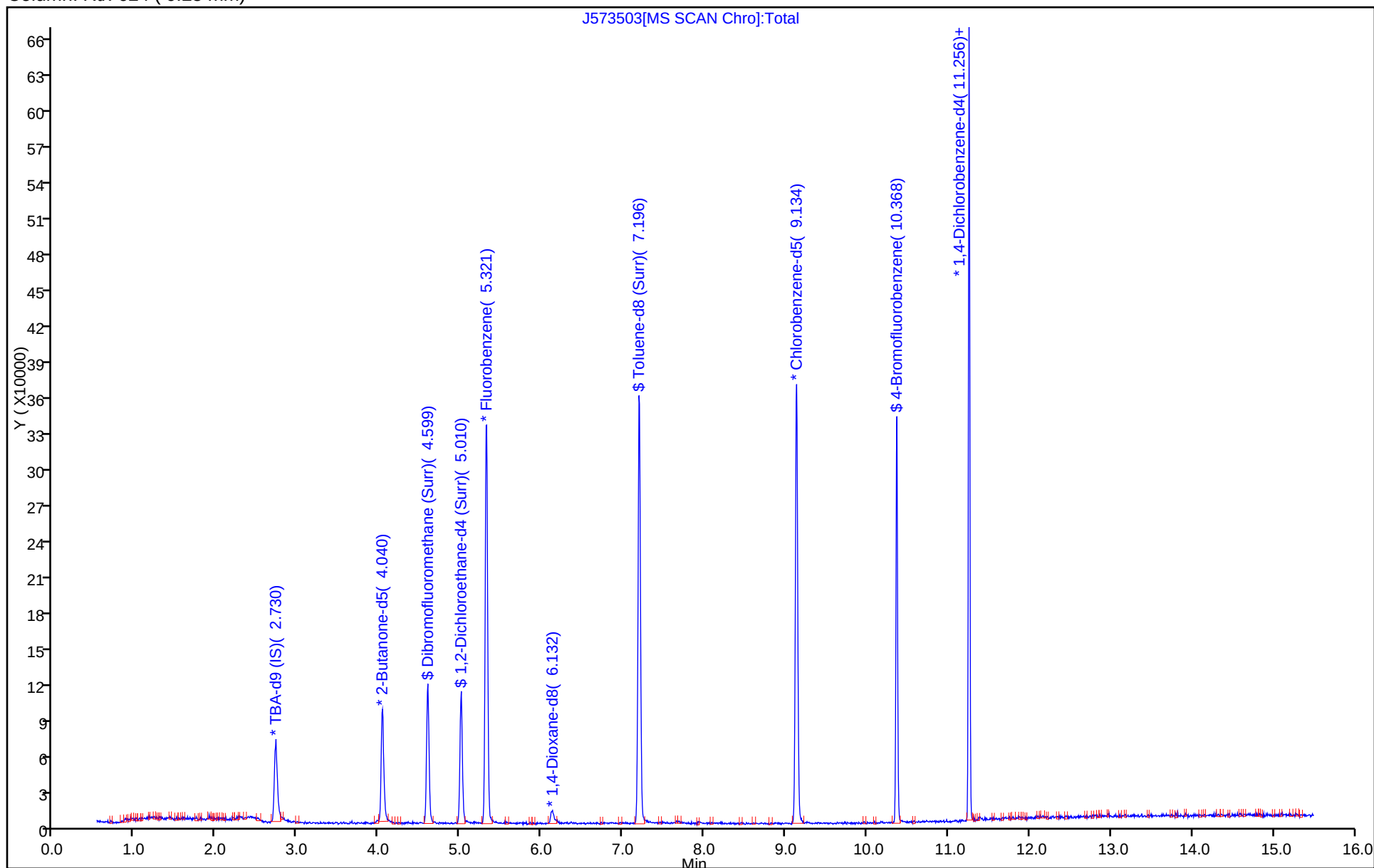
Dil. Factor: 1.0000

ALS Bottle#: 18

Method: 8260_W8

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>460-135385-1</u>
SDG No.: _____	
Client Sample ID: <u>VP-B</u>	Lab Sample ID: <u>460-135536-9</u>
Matrix: <u>Water</u>	Lab File ID: <u>J573509.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/14/2017 09:15</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>06/27/2017 20:06</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>446090</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>460-135385-1</u>
SDG No.: _____	
Client Sample ID: <u>VP-B</u>	Lab Sample ID: <u>460-135536-9</u>
Matrix: <u>Water</u>	Lab File ID: <u>J573509.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/14/2017 09:15</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>06/27/2017 20:06</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>446090</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	0.31	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	5.0	U	5.0	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		74-132
460-00-4	4-Bromofluorobenzene	102		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120
1868-53-7	Dibromofluoromethane (Surr)	104		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\J573509.D
 Lims ID: 460-135536-C-9
 Client ID: VP-B
 Sample Type: Client
 Inject. Date: 27-Jun-2017 20:06:30 ALS Bottle#: 24 Worklist Smp#: 25
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-135536-C-9
 Misc. Info.: 460-0057019-025
 Operator ID: Instrument ID: CVOAMS8
 Method: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\8260_W8.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 27-Jun-2017 20:24:14 Calib Date: 23-Jun-2017 02:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: starzecm

Date: 27-Jun-2017 20:24:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.718	2.726	-0.008	80	105884	1000.0	
* 39 2-Butanone-d5	46	4.035	4.036	-0.001	87	127604	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.593	4.595	-0.002	97	74502	52.0	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.004	5.000	0.004	97	83178	48.6	
* 62 Fluorobenzene	96	5.315	5.311	0.004	99	356050	50.0	
* 68 1,4-Dioxane-d8	96	6.120	6.128	-0.008	90	13332	1000.0	
\$ 79 Toluene-d8 (Surr)	98	7.196	7.192	0.004	99	290010	48.3	
84 Tetrachloroethene	166	7.948	7.938	0.010	20	580	0.3054	
* 90 Chlorobenzene-d5	117	9.129	9.125	0.004	83	269437	50.0	
\$ 101 4-Bromofluorobenzene	174	10.362	10.364	-0.002	97	93758	50.9	
* 117 1,4-Dichlorobenzene-d4	152	11.250	11.257	-0.007	94	147956	50.0	

Reagents:

8260ISNEW_00112	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS8\\20170627-57019.b\\J573509.D

Injection Date: 27-Jun-2017 20:06:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-135536-C-9

Lab Sample ID: 460-135536-9

Worklist Smp#: 25

Client ID: VP-B

Purge Vol: 5.000 mL

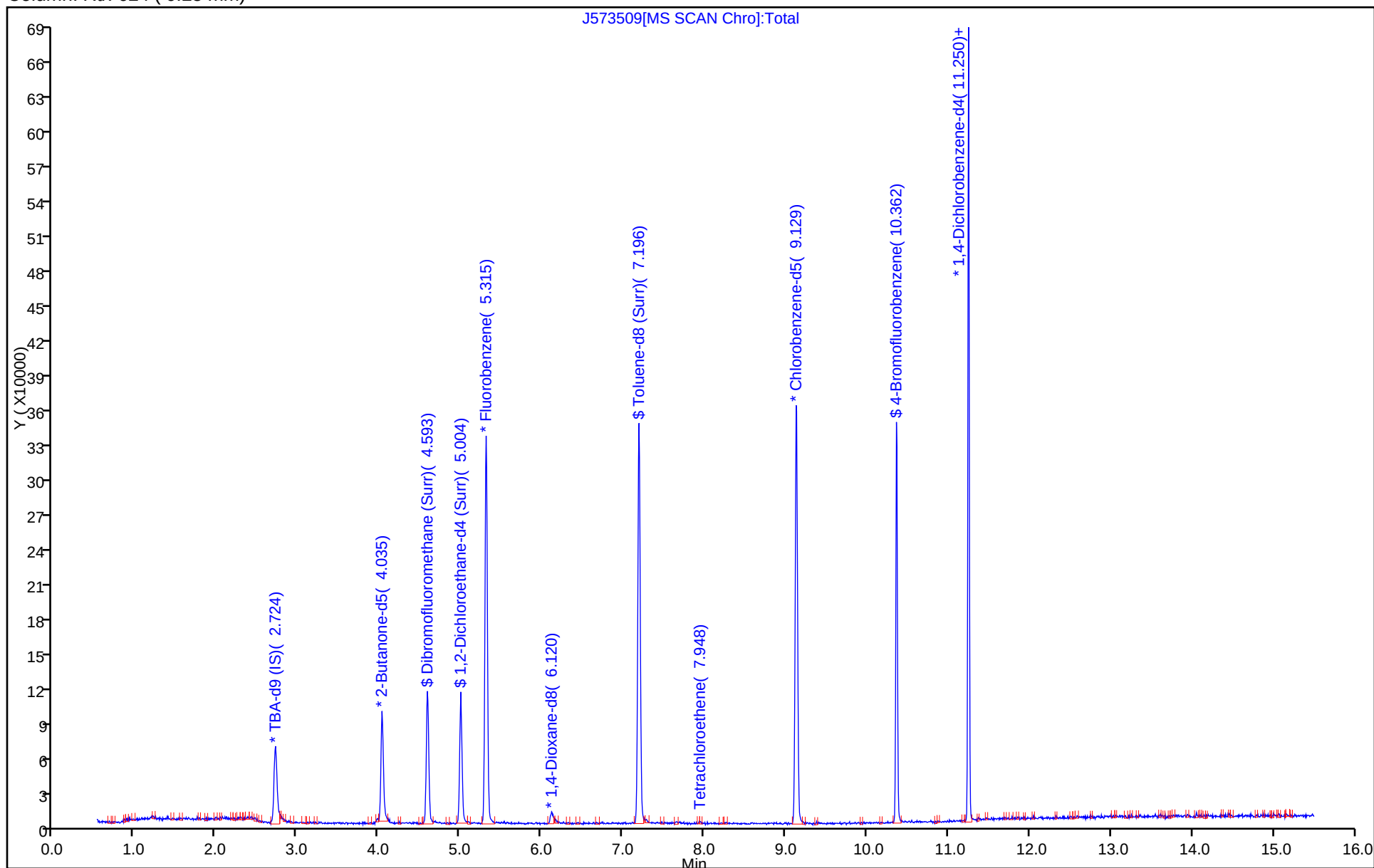
Dil. Factor: 1.0000

ALS Bottle#: 24

Method: 8260_W8

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\J573509.D

Injection Date: 27-Jun-2017 20:06:30

Instrument ID: CVOAMS8

Lims ID: 460-135536-C-9

Lab Sample ID: 460-135536-9

Client ID: VP-B

Operator ID:

ALS Bottle#: 24

Worklist Smp#: 25

Purge Vol: 5.000 mL

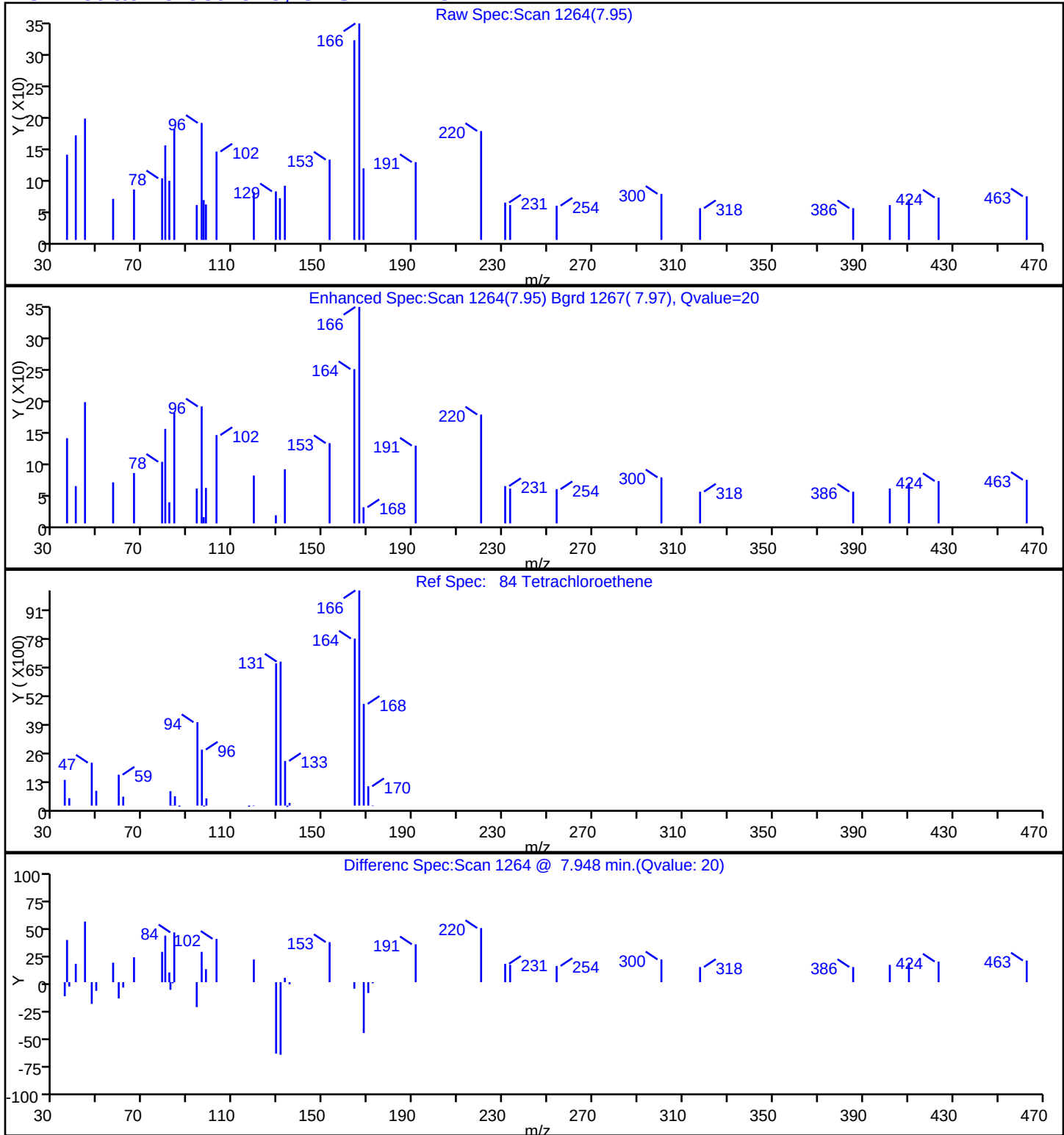
Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

84 Tetrachloroethene, CAS: 127-18-4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-135385-1</u>
SDG No.: _____	
Client Sample ID: <u>GW-DUP</u>	Lab Sample ID: <u>460-135536-10</u>
Matrix: <u>Water</u>	Lab File ID: <u>J573510.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/14/2017 12:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>06/27/2017 20:32</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>446090</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.: 460-135385-1

SDG No.: _____

Client Sample ID: GW-DUP Lab Sample ID: 460-135536-10

Matrix: Water Lab File ID: J573510.D

Analysis Method: 8260C Date Collected: 06/14/2017 12:00

Sample wt/vol: 5 (mL) Date Analyzed: 06/27/2017 20:32

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.: 446090 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	5.0	U	5.0	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		74-132
460-00-4	4-Bromofluorobenzene	110		77-124
2037-26-5	Toluene-d8 (Surr)	103		80-120
1868-53-7	Dibromofluoromethane (Surr)	114		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\J573510.D
 Lims ID: 460-135536-A-10
 Client ID: GW-DUP
 Sample Type: Client
 Inject. Date: 27-Jun-2017 20:32:30 ALS Bottle#: 25 Worklist Smp#: 26
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-135536-A-10
 Misc. Info.: 460-0057019-026
 Operator ID: Instrument ID: CVOAMS8
 Method: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\8260_W8.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Jun-2017 11:35:40 Calib Date: 23-Jun-2017 02:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK025

First Level Reviewer: starzecm

Date: 27-Jun-2017 21:50:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.724	2.726	-0.002	80	102522	1000.0	
* 39 2-Butanone-d5	46	4.040	4.036	0.004	87	122496	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.598	4.595	0.003	97	80110	57.1	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.009	5.000	0.009	97	88210	52.6	
* 62 Fluorobenzene	96	5.315	5.311	0.004	99	348600	50.0	
* 68 1,4-Dioxane-d8	96	6.132	6.128	0.004	93	13128	1000.0	
\$ 79 Toluene-d8 (Surr)	98	7.195	7.192	0.003	100	309430	51.5	
* 90 Chlorobenzene-d5	117	9.134	9.125	0.009	83	269362	50.0	
\$ 101 4-Bromofluorobenzene	174	10.368	10.364	0.004	97	101438	55.1	
* 117 1,4-Dichlorobenzene-d4	152	11.249	11.257	-0.008	93	144009	50.0	

Reagents:

8260ISNEW_00112	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS8\\20170627-57019.b\\J573510.D

Injection Date: 27-Jun-2017 20:32:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-135536-A-10

Lab Sample ID: 460-135536-10

Worklist Smp#: 26

Client ID: GW-DUP

Purge Vol: 5.000 mL

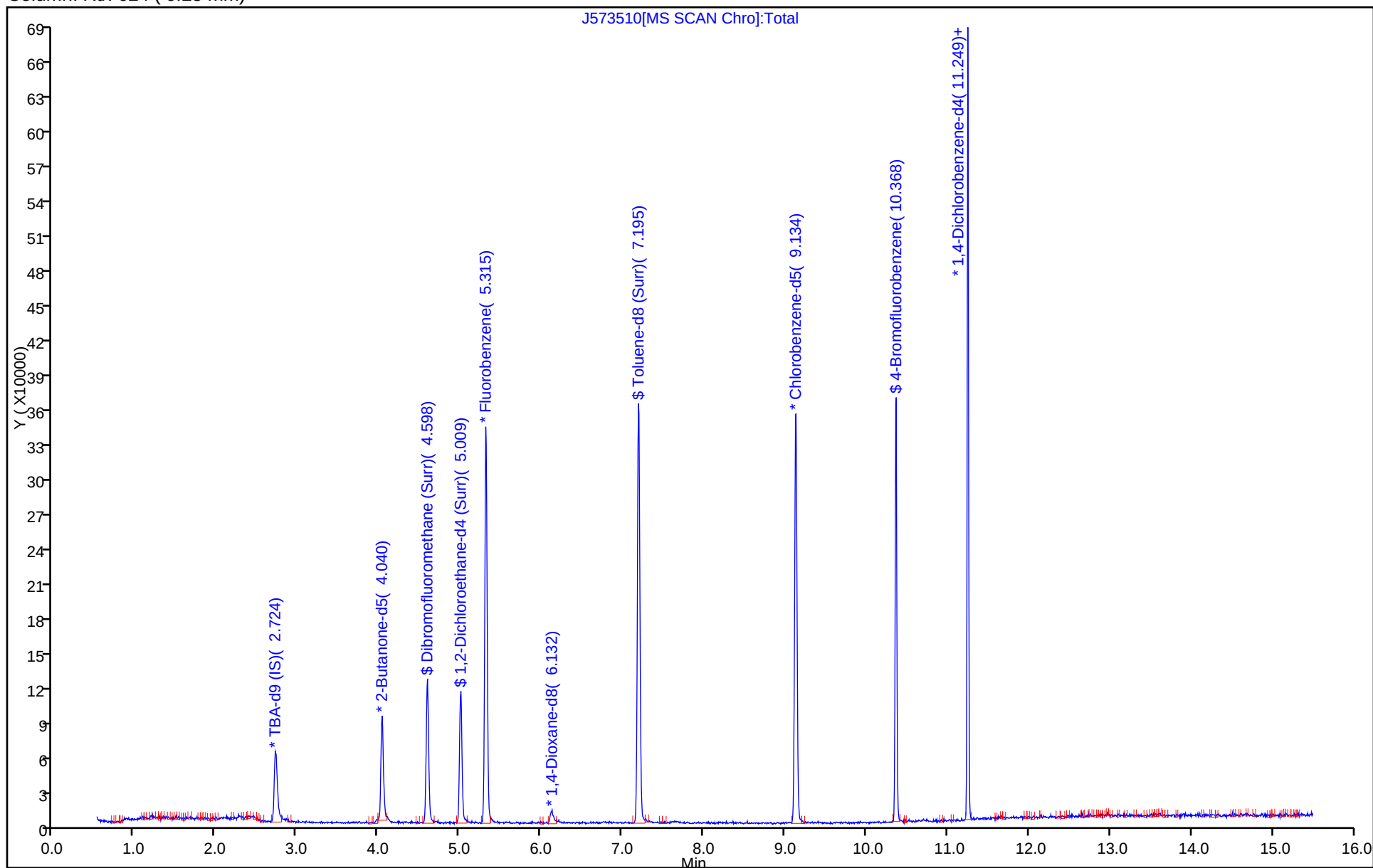
Dil. Factor: 1.0000

ALS Bottle#: 25

Method: 8260_W8

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.: 460-135385-1 Analy Batch No.: 430209

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2017 01:41 Calibration End Date: 04/14/2017 08:47 Calibration ID: 61755

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-430209/2	P26302.D
Level 2	STD05 460-430209/3	P26303.D
Level 3	STD1 460-430209/16	P26316.D
Level 4	STD5 460-430209/5	P26305.D
Level 5	STD20 460-430209/6	P26306.D
Level 6	STD50 460-430209/7	P26307.D
Level 7	STD200 460-430209/8	P26308.D
Level 8	STD500 460-430209/9	P26309.D

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 8	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	++++ 0.1187	0.1387 0.1277	0.0993 0.1250	0.1223	0.1138	Ave		0.1208				10.1		20.0			
Dichlorodifluoromethane	++++ 0.3013	0.3176 0.3082	0.3642 0.3091	0.3378	0.3114	Ave		0.3214			0.1000	6.9		20.0			
Vinyl chloride	++++ 0.2776	0.3415 0.2850	0.3522 0.2852	0.3256	0.2852	Ave		0.3075			0.1000	10.2		20.0			
Chloromethane	++++ 0.3391	0.4223 0.3558	0.4436 0.3631	0.3828	0.3548	Ave		0.3802			0.1000	10.2		20.0			
Butadiene	++++ 0.2277	0.2667 0.2429	0.2549 0.2455	0.2465	0.2340	Ave		0.2455				5.2		20.0			
Bromomethane	++++ 1.4622	1.1246 1.7006	1.2920 1.4174	1.3496	1.4173	Ave		1.3948			0.1000	12.6		20.0			
Chloroethane	++++ 8.0218	8.5632 8.0972	9.9104 ++++	8.1585	8.4672	Ave		8.5364			0.1000	8.3		20.0			
Pentane	++++ 2.1138	2.7802 2.0610	2.7364 ++++	1.9196	2.0033	Ave		2.2690				17.0		20.0			
Trichlorofluoromethane	++++ 0.3306	0.3958 0.3405	0.3731 0.3115	0.3635	0.3411	Ave		0.3509			0.1000	8.1		20.0			
Dichlorofluoromethane	++++ 0.4040	0.4387 0.4125	0.4309 0.3858	0.4403	0.4150	Ave		0.4182				4.8		20.0			
2-Methyl-1,3-butadiene	++++ 0.3124	0.1869 0.2998	0.2404 ++++	0.2600	0.2820	Ave		0.2636				17.4		20.0			
Ethyl ether	++++ 0.1970	0.2583 0.2010	0.2410 0.1858	0.2321	0.1983	Ave		0.2162				12.6		20.0			
Ethanol	++++ 0.0573	0.1580 0.0570	0.0984 0.0549	0.0634	0.0539	QuaF		0.0582	0					1.0000		0.9900	
1,2-Dichloro-1,1,2-trifluoroethane	++++ 0.2533	0.3197 0.2626	0.2829 0.2301	0.2835	0.2399	Ave		0.2674				11.4		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.: 460-135385-1 Analy Batch No.: 430209
SDG No.: _____
Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 04/14/2017 01:41 Calibration End Date: 04/14/2017 08:47 Calibration ID: 61755

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 8	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloroethene	++++ 0.2134	0.2430 0.2273	0.2430 0.2175	0.2359	0.2088	Ave		0.2270			0.1000	6.2		20.0			
Carbon disulfide	++++ 0.7645	0.9777 0.8107	1.0478 0.7590	0.8500	0.7365	Ave		0.8495			0.1000	14.1		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.2039	0.2347 0.2207	0.1436 0.2083	0.2297	0.1866	Ave		0.2040			0.1000	15.3		20.0			
Iodomethane	++++ 0.2421	0.1380 0.3085	0.0987 0.2651	0.1539	0.2034	QuaF		0.3221	-0.000113						0.9980		0.9900
Cyclopentene	++++ 0.5790	0.6326 0.5492	0.6126 0.5851	0.5666	0.5419	Ave		0.5810				5.6		20.0			
Acrolein	++++ 0.0312	0.0349 0.0307	0.0280 0.0317	0.0310	0.0266	Ave		0.0306				8.8		20.0			
Allyl chloride	++++ 0.1383	0.1728 0.1382	0.1572 0.1163	0.1585	0.1344	Ave		0.1451				13.0		20.0			
Isopropyl alcohol	++++ 0.6200	1.1024 0.6394	0.8097 0.6068	0.7409	0.6292	Lin2	2.2819	0.6287							0.9960		0.9900
Methylene Chloride	++++ 0.2541	0.2983 0.2621	0.3126 0.2519	0.3167	0.2573	Ave		0.2790			0.1000	10.4		20.0			
Acetone	++++ 0.6210	1.4146 0.7638	1.0652 0.6901	0.9189	0.7427	QuaF		0.7871	-0.000038		0.0500				0.9990		0.9900
trans-1,2-Dichloroethene	++++ 0.2399	0.2719 0.2454	0.2956 0.2387	0.2625	0.2362	Ave		0.2557			0.1000	8.6		20.0			
Methyl acetate	++++ 0.1454	0.1565 0.1457	0.1682 0.1269	0.1659	0.1484	Ave		0.1510			0.1000	9.4		20.0			
Hexane	++++ 0.4267	0.4698 0.4594	0.3471 0.4332	0.4761	0.3902	Ave		0.4289				10.9		20.0			
Methyl tert-butyl ether	++++ 0.6943	0.8020 0.7004	0.7675 0.6778	0.7936	0.6993	Ave		0.7336			0.1000	7.1		20.0			
2-Methyl-2-propanol	++++ 1.0645	2.0065 1.1073	1.6209 1.0708	1.3114	1.0816	Lin2	4.6817	1.1041							0.9960		0.9900
Acetonitrile	++++ 1.2253	1.1534 1.2918	1.2534 1.2071	1.3460	1.2268	Ave		1.2434				5.0		20.0			
Isopropyl ether	++++ 0.6876	0.7266 0.6986	0.7277 0.6999	0.7462	0.6760	Ave		0.7089				3.5		20.0			
2-Chloro-1,3-butadiene	++++ 0.2149	0.1933 0.2119	0.2192 0.2210	0.2203	0.2043	Ave		0.2121				4.8		20.0			
1,1-Dichloroethane	++++ 0.3947	0.4438 0.4157	0.4349 0.4130	0.4564	0.3947	Ave		0.4219			0.2000	5.7		20.0			
Acrylonitrile	0.0743 0.0828	0.0875 0.0824	0.0868 0.0872	0.0877	0.0824	Ave		0.0839				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.: 460-135385-1 Analy Batch No.: 430209
SDG No.: _____
Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 04/14/2017 01:41 Calibration End Date: 04/14/2017 08:47 Calibration ID: 61755

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 8	LVL 4	LVL 5		B	M1	M2								
Tert-butyl ethyl ether	++++ 0.7346	0.6949 0.7462	0.7997 0.7295	0.7894	0.7164	Ave		0.7444				5.1		20.0			
Vinyl acetate	++++ 0.5009	0.4778 0.5196	0.4423 0.5048	0.5578	0.5032	Ave		0.5009				7.1		20.0			
cis-1,2-Dichloroethene	++++ 0.2632	0.3144 0.2780	0.3142 0.2854	0.3107	0.2650	Ave		0.2901			0.1000	7.9		20.0			
2,2-Dichloropropane	++++ 0.3449	0.4774 0.3695	0.3366 0.3524	0.3942	0.3373	Ave		0.3732				13.5		20.0			
Cyclohexane	++++ 0.3359	0.3379 0.3733	0.2601 0.3648	0.3714	0.3063	Ave		0.3357			0.1000	12.2		20.0			
Chlorobromomethane	++++ 0.1354	0.1517 0.1366	0.1596 0.1322	0.1534	0.1301	Ave		0.1427				8.3		20.0			
Chloroform	++++ 0.4000	0.4342 0.4123	0.4404 0.4121	0.4327	0.3988	Ave		0.4186			0.2000	4.1		20.0			
Carbon tetrachloride	++++ 0.2893	0.3308 0.3194	0.2856 0.3049	0.3125	0.2727	Ave		0.3022			0.1000	6.8		20.0			
Ethyl acetate	++++ 0.3067	0.3155 0.3252	0.4869 0.3321	0.4319	0.3031	QuaF		0.3184	0.0000138						1.0000		0.9900
Methyl acrylate	++++ 0.1998	0.1795 0.2063	0.1810 0.2163	0.2081	0.1918	Ave		0.1975				7.1		20.0			
Tetrahydrofuran	++++ 0.9028	0.9682 0.9601	1.0064 0.9218	1.0452	0.8849	Ave		0.9556				6.0		20.0			
1,1,1-Trichloroethane	++++ 0.3463	0.3887 0.3716	0.3784 0.3592	0.3943	0.3376	Ave		0.3680			0.1000	5.8		20.0			
2-Butanone (MEK)	++++ 0.3358	0.4513 0.3797	0.4412 0.3785	0.4079	0.3457	Ave		0.3915			0.0500	11.3		20.0			
1,1-Dichloropropene	++++ 0.3061	0.4335 0.3295	0.3663 0.3180	0.3564	0.2966	Ave		0.3438				13.7		20.0			
2,2,4-Trimethylpentane	++++ 0.5260	0.5938 0.4963	0.5071 0.5189	0.4678	0.4848	Ave		0.5135				7.9		20.0			
n-Heptane	++++ 0.1234	0.1266 0.1449	0.0939 0.1343	0.1426	0.1066	Ave		0.1246				15.0		20.0			
Benzene	++++ 1.2362	1.4097 1.2953	1.3328 1.2274	1.3821	1.2331	Ave		1.3024			0.5000	5.7		20.0			
Propionitrile	++++ 1.4806	1.2683 1.6204	1.6205 1.5472	1.5956	1.4417	Ave		1.5106				8.4		20.0			
Methacrylonitrile	++++ 0.0983	0.0867 0.0997	0.0970 0.0973	0.1062	0.0950	Ave		0.0972				6.0		20.0			
Tert-amyl methyl ether	++++ 0.6904	0.6733 0.7155	0.7180 0.7198	0.7636	0.6821	Ave		0.7090				4.3		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.: 460-135385-1 Analy Batch No.: 430209
SDG No.: _____
Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 04/14/2017 01:41 Calibration End Date: 04/14/2017 08:47 Calibration ID: 61755

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 8	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloroethane	++++ 0.2951	0.3818 0.3086	0.3649 0.2955	0.3416	0.2987	Ave		0.3266			0.1000	11.0		20.0			
Isobutyl alcohol	++++ 0.4032	0.4070 0.4543	0.3778 0.4496	0.4413	0.3848	Ave		0.4168				7.5		20.0			
Isopropyl acetate	++++ 0.3950	0.3947 0.3993	0.3953 0.4174	0.4211	0.3781	Ave		0.4001				3.7		20.0			
Methylcyclohexane	++++ 0.3468	0.2932 0.3926	0.2132 0.3743	0.3799	0.3073	Ave		0.3296			0.1000	19.3		20.0			
Trichloroethene	++++ 0.2645	0.2828 0.2833	0.3121 0.2701	0.2974	0.2559	Ave		0.2809			0.2000	6.9		20.0			
Dibromomethane	++++ 0.1532	0.1674 0.1628	0.1735 0.1605	0.1774	0.1524	Ave		0.1639				5.8		20.0			
n-Butanol	++++ 0.2763	0.2172 0.3080	0.2281 0.3112	0.2788	0.2468	Ave		0.2666				13.9		20.0			
1,2-Dichloropropane	++++ 0.2322	0.2815 0.2503	0.2543 0.2445	0.2635	0.2307	Ave		0.2510			0.1000	7.1		20.0			
Ethyl acrylate	++++ 0.2850	0.2240 0.3003	0.2485 0.3182	0.3113	0.2695	Ave		0.2796				12.3		20.0			
Bromodichloromethane	++++ 0.3084	0.3191 0.3322	0.3179 0.3252	0.3315	0.3036	Ave		0.3197			0.2000	3.4		20.0			
Methyl methacrylate	++++ 0.0731	0.0627 0.0756	0.0660 0.0783	0.0744	0.0686	Ave		0.0712				7.9		20.0			
1,4-Dioxane	++++ 1.1329	1.0939 1.1377	1.1136 1.1294	1.3223	1.1230	Ave		1.1504				6.7		20.0			
n-Propyl acetate	++++ 0.2888	0.2993 0.2991	0.2696 0.3147	0.3141	0.2853	Ave		0.2958				5.4		20.0			
2-Chloroethyl vinyl ether	++++ 0.0812	0.0445 0.0892	0.0697 0.1168	0.0770	0.0709	Qua2	-0.014	0.0763	0.0000787						0.9970		0.9900
cis-1,3-Dichloropropene	++++ 0.5124	0.5174 0.5447	0.5434 0.5314	0.5557	0.5049	Ave		0.5300			0.2000	3.6		20.0			
Toluene	++++ 1.3817	1.7960 1.4622	1.5204 1.3860	1.5508	1.3695	Ave		1.4953			0.4000	10.1		20.0			
Epichlorohydrin	0.2300 0.2600	0.2387 0.2829	0.2520 0.2761	0.2763	0.2518	Ave		0.2585				7.3		20.0			
2-Nitropropane	++++ 0.0538	0.0542 0.0555	0.0555 0.0589	0.0562	0.0536	Ave		0.0554				3.3		20.0			
Tetrachloroethene	++++ 0.3596	0.4242 0.3935	0.3721 0.3769	0.4057	0.3425	Ave		0.3821			0.2000	7.3		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 2.2756	2.4152 2.4581	2.2245 2.3563	2.5082	2.2261	Ave		2.3520			0.0500	4.8		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.: 460-135385-1 Analy Batch No.: 430209
SDG No.: _____
Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 04/14/2017 01:41 Calibration End Date: 04/14/2017 08:47 Calibration ID: 61755

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 8	LVL 4	LVL 5		B	M1	M2								
trans-1,3-Dichloropropene	++++ 0.4739	0.4612 0.5162	0.4773 0.5029	0.5026	0.4616	Ave		0.4851			0.1000	4.5		20.0			
1,1,2-Trichloroethane	++++ 0.2360	0.2376 0.2512	0.2546 0.2511	0.2657	0.2361	Ave		0.2475			0.1000	4.6		20.0			
Ethyl methacrylate	++++ 0.3199	0.3298 0.3432	0.2992 0.3483	0.3399	0.3090	Ave		0.3271				5.6		20.0			
Dibromochloromethane	++++ 0.3416	0.3018 0.3769	0.3242 0.3730	0.3551	0.3221	Ave		0.3421			0.1000	8.2		20.0			
1,3-Dichloropropane	++++ 0.4891	0.5122 0.5150	0.4771 0.5089	0.5524	0.4798	Ave		0.5049				5.2		20.0			
1,2-Dibromoethane	++++ 0.3088	0.3014 0.3309	0.3150 0.3285	0.3258	0.3014	Ave		0.3160			0.1000	4.0		20.0			
n-Butyl acetate	++++ 0.3999	0.3779 0.4143	0.3922 0.4389	0.4262	0.3782	Ave		0.4039				5.8		20.0			
2-Hexanone	++++ 1.5945	1.0914 1.7520	1.4143 1.7305	1.7058	1.5912	Ave		1.5542			0.0500	15.1		20.0			
Chlorobenzene	++++ 0.9085	1.0340 0.9646	1.0169 0.9228	1.0107	0.9037	Ave		0.9659			0.5000	5.7		20.0			
Ethylbenzene	++++ 0.4862	0.5517 0.5238	0.4955 0.4993	0.5408	0.4703	Ave		0.5097			0.1000	5.9		20.0			
1,1,1,2-Tetrachloroethane	++++ 0.3181	0.3746 0.3493	0.3136 0.3383	0.3472	0.3100	Ave		0.3359				7.0		20.0			
m&p-Xylene	++++ 0.5972	0.6595 0.6425	0.6357 0.6147	0.6673	0.5897	Ave		0.6295			0.1000	4.8		20.0			
o-Xylene	++++ 0.5817	0.6043 0.6210	0.6041 0.5930	0.6591	0.5678	Ave		0.6044			0.3000	4.9		20.0			
Bromoform	++++ 0.2403	0.2084 0.2712	0.2046 0.2734	0.2405	0.2231	Ave		0.2374			0.1000	11.6		20.0			
Styrene	++++ 1.0095	0.9886 1.0822	0.9525 1.0262	1.0621	0.9828	Ave		1.0148			0.3000	4.5		20.0			
n-Butyl acrylate	++++ 0.2280	0.1885 0.2490	0.2065 0.2614	0.2259	0.2143	Ave		0.2248				11.0		20.0			
Isopropylbenzene	++++ 1.4792	1.3429 1.5948	1.3786 1.5060	1.6585	1.4378	Ave		1.4854			0.1000	7.6		20.0			
Amyl acetate (mixed isomers)	++++ 0.8205	0.7084 0.8572	0.7468 0.9088	0.8485	0.7885	Ave		0.8112				8.5		20.0			
Bromobenzene	++++ 0.7500	0.8428 0.7911	0.7574 0.7601	0.8480	0.7336	Ave		0.7833				5.8		20.0			
N-Propylbenzene	++++ 2.9275	2.5125 3.1338	2.6875 2.9514	3.3348	2.8311	Ave		2.9112				9.4		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.: 460-135385-1 Analy Batch No.: 430209

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2017 01:41 Calibration End Date: 04/14/2017 08:47 Calibration ID: 61755

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 8	LVL 4	LVL 5		B	M1	M2								
1,1,2,2-Tetrachloroethane	++++ 0.6462	0.6933 0.6755	0.6917 0.6758	0.7376	0.6425	Ave		0.6804			0.3000	4.7		20.0			
2-Chlorotoluene	++++ 2.0810	2.2588 2.1906	2.1623 2.0729	2.3077	2.0737	Ave		2.1639				4.4		20.0			
4-Ethyltoluene	++++ 2.6337	2.7161 2.5910	2.8463 2.5550	2.7335	2.5273	Ave		2.6575				4.3		20.0			
1,2,3-Trichloropropane	++++ 0.2051	0.2695 0.2116	0.2095 0.2131	0.2373	0.2009	Ave		0.2210				11.0		20.0			
1,3,5-Trimethylbenzene	++++ 2.1870	1.8869 2.3194	2.1587 2.1851	2.4497	2.1484	Ave		2.1908				7.9		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.1737	0.1296 0.1923	0.1644 0.1948	0.1849	0.1674	Ave		0.1724				12.9		20.0			
4-Chlorotoluene	++++ 1.9720	1.9363 2.0891	1.9551 2.0014	2.1820	1.9424	Ave		2.0112				4.6		20.0			
tert-Butylbenzene	++++ 1.8015	1.5044 1.9360	1.6000 1.8019	2.0396	1.7306	Ave		1.7734				10.4		20.0			
Butyl Methacrylate	++++ 0.7642	0.7110 0.8209	0.6213 0.8260	0.7791	0.7215	Ave		0.7491				9.6		20.0			
1,2,4-Trimethylbenzene	++++ 2.2770	2.1778 2.4156	2.1970 2.1936	2.5878	2.2400	Ave		2.2984				6.6		20.0			
sec-Butylbenzene	++++ 2.5513	2.0416 2.7915	2.2769 2.5661	2.9124	2.4380	Ave		2.5111				11.8		20.0			
1,3-Dichlorobenzene	++++ 1.3638	1.3026 1.4414	1.3837 1.3183	1.4935	1.3425	Ave		1.3780			0.6000	5.0		20.0			
4-Isopropyltoluene	++++ 2.2885	1.8100 2.4741	2.0747 2.2255	2.5441	2.1862	Ave		2.2290				11.1		20.0			
1,4-Dichlorobenzene	++++ 1.4030	1.5121 1.4817	1.5743 1.3914	1.6012	1.3971	Ave		1.4801			0.5000	5.9		20.0			
1,2,3-Trimethylbenzene	++++ 2.3767	2.4550 2.3968	2.5816 2.3486	2.5223	2.3295	Ave		2.4301				3.9		20.0			
Indan	++++ 2.4063	2.4072 2.4311	2.5088 2.3554	2.5564	2.3718	Ave		2.4339				3.0		20.0			
Benzyl chloride	++++ 1.6693	1.4433 1.7927	1.3714 1.8181	1.5983	1.5313	Ave		1.6035				10.5		20.0			
p-Diethylbenzene	++++ 1.2959	1.2809 1.2906	1.4022 1.2570	1.3235	1.2336	Ave		1.2977				4.2		20.0			
n-Butylbenzene	++++ 1.8985	1.5040 2.0798	1.7259 1.8949	2.1170	1.8200	Ave		1.8629				11.2		20.0			
1,2-Dichlorobenzene	++++ 1.3297	1.2971 1.4001	1.3268 1.3129	1.4435	1.3073	Ave		1.3453			0.4000	4.1		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
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-135385-1 Analy Batch No.: 430209

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2017 01:41 Calibration End Date: 04/14/2017 08:47 Calibration ID: 61755

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 8	LVL 4	LVL 5		B	M1	M2								
1,2,4,5-Tetramethylbenzene	++++ 2.2214	2.1995 2.1739	2.4507 2.0577	2.2978	2.1766	Ave		2.2254				5.5		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.1420	0.1182 0.1595	0.1124 0.1657	0.1498	0.1340	Ave		0.1403			0.0500	14.3		20.0			
1,3,5-Trichlorobenzene	++++ 0.9466	0.9506 0.9342	1.1196 0.9029	0.9921	0.9146	Ave		0.9658				7.6		20.0			
1,2,4-Trichlorobenzene	++++ 0.9023	0.7073 0.9350	0.9583 0.8440	0.9769	0.8741	Ave		0.8854			0.2000	10.3		20.0			
Hexachlorobutadiene	++++ 0.3294	0.3060 0.3544	0.3567 0.3146	0.3866	0.3106	Ave		0.3369				8.9		20.0			
Naphthalene	++++ 2.0569	2.3556 2.1310	2.4241 2.0482	2.1333	1.9806	Ave		2.1614				7.7		20.0			
1,2,3-Trichlorobenzene	++++ 0.7888	0.7721 0.8119	0.9289 0.7572	0.8327	0.7657	Ave		0.8082				7.4		20.0			
Dibromofluoromethane (Surr)	0.1813 0.1816	0.1917 0.1779	0.1822 0.1731	0.1797	0.1767	Ave		0.1805				3.0		20.0			
1,2-Dichloroethane-d4 (Surr)	0.1991 0.1993	0.2128 0.1917	0.2033 0.2113	0.2055	0.1966	Ave		0.2025				3.6		20.0			
Toluene-d8 (Surr)	0.9932 0.9989	1.0484 0.9738	0.9850 0.9883	0.9879	0.9828	Ave		0.9948				2.3		20.0			
4-Bromofluorobenzene	0.3446 0.3519	0.3696 0.3510	0.3431 0.3530	0.3499	0.3447	Ave		0.3510				2.4		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
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-135385-1 Analy Batch No.: 430209

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2017 01:41 Calibration End Date: 04/14/2017 08:47 Calibration ID: 61755

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-430209/2	P26302.D
Level 2	STD05 460-430209/3	P26303.D
Level 3	STD1 460-430209/16	P26316.D
Level 4	STD5 460-430209/5	P26305.D
Level 5	STD20 460-430209/6	P26306.D
Level 6	STD50 460-430209/7	P26307.D
Level 7	STD200 460-430209/8	P26308.D
Level 8	STD500 460-430209/9	P26309.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	++++ 78051	853 353490	1243 891845	7852	29713	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	++++ 198148	1954 853366	4559 2206259	21689	81317	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	++++ 182565	2101 789086	4408 2035745	20902	74467	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	++++ 223050	2598 985008	5552 2591225	24578	92643	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	++++ 149747	1641 672471	3190 1751804	15827	61107	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	BUT	Ave	++++ 83136	597 397757	1384 903733	7510	32098	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroethane	TBAd 9	Ave	++++ 106587	1058 432360	2508 ++++	10702	44424	++++ 50.0	0.500 200	1.00 ++++	5.00	20.0
Pentane	TBAd 9	Ave	++++ 56172	687 220099	1385 ++++	5036	21021	++++ 100	1.00 400	2.00 ++++	10.0	40.0
Trichlorofluoromethane	FB	Ave	++++ 217431	2435 942828	4670 2223279	23337	89049	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	++++ 265674	2699 1141904	5394 2753328	28267	108360	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	++++ 205490	1150 830085	3009 ++++	16693	73633	++++ 50.0	0.500 200	1.00 ++++	5.00	20.0
Ethyl ether	FB	Ave	++++ 129534	1589 556557	3017 1325865	14901	51775	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethanol	TBAd 9	QuaF	++++ 30445	781 121796	996 330723	3326	11305	++++ 2000	20.0 8000	40.0 20000	200	800
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 166563	1967 726947	3541 1642145	18201	62627	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethene	FB	Ave	++++ 140326	1495 629190	3041 1552333	15148	54509	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: TestAmerica Edison Job No.: 460-135385-1 Analy Batch No.: 430209

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2017 01:41 Calibration End Date: 04/14/2017 08:47 Calibration ID: 61755

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Carbon disulfide	FB	Ave	++++ 502790	6015 2244352	13115 5416472	54573	192302	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 134086	1444 611059	1798 1486867	14749	48729	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Iodomethane	FB	QuaF	++++ 159253	849 854069	1236 1891867	9880	53117	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclopentene	FB	Ave	++++ 380778	3892 1520475	7668 4175709	36376	141498	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	FB	Ave	++++ 41099	859 84940	1402 180834	7967	13871	++++ 100	2.00 200	4.00 400	20.0	40.0
Allyl chloride	FB	Ave	++++ 90936	1063 382493	1968 830175	10177	35101	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd 9	Lin2	++++ 82387	1362 341411	2049 913703	9719	33014	++++ 500	5.00 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	++++ 167138	1835 725694	3913 1798026	20330	67175	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetone	BUT	QuaF	++++ 176528	3755 893180	5705 2200040	25566	84094	++++ 250	2.50 1000	5.00 2500	25.0	100
trans-1,2-Dichloroethene	FB	Ave	++++ 157757	1673 679536	3700 1703434	16852	61661	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	++++ 478187	4814 2016559	10528 4526718	53250	193795	++++ 250	2.50 1000	5.00 2500	25.0	100
Hexane	FB	Ave	++++ 280656	2890 1271907	4344 3091746	30569	101894	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl tert-butyl ether	FB	Ave	++++ 456654	4934 1939010	9606 4837651	50948	182576	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAd 9	Lin2	++++ 141444	2479 591233	4102 1612473	17203	56749	++++ 500	5.00 2000	10.0 5000	50.0	200
Acetonitrile	TBAd 9	Ave	++++ 162803	1425 689796	3172 1817725	17656	64363	++++ 500	5.00 2000	10.0 5000	50.0	200
Isopropyl ether	FB	Ave	++++ 452221	4470 1934239	9108 4994822	47907	176507	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chloro-1,3-butadiene	FB	Ave	++++ 141322	1189 586749	2744 1576906	14142	53332	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	++++ 259594	2730 1150962	5443 2947191	29301	103069	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	1973 544869	5381 2280389	10864 6223659	56276	215091	2.00 500	5.00 2000	10.0 5000	50.0	200
Tert-butyl ethyl ether	FB	Ave	++++ 483136	4275 2065938	10009 5206117	50679	187050	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl acetate	FB	Ave	++++ 658856	5879 2877045	11071 7205191	71627	262795	++++ 100	1.00 400	2.00 1000	10.0	40.0

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

Lab Name: TestAmerica Edison Job No.: 460-135385-1 Analy Batch No.: 430209

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2017 01:41 Calibration End Date: 04/14/2017 08:47 Calibration ID: 61755

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
cis-1,2-Dichloroethene	FB	Ave	++++ 173093	1934 769762	3933 2036926	19948	69191	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	++++ 226864	2937 1023003	4213 2514724	25307	88073	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	++++ 220883	2079 1033561	3256 2603552	23847	79988	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobromomethane	FB	Ave	++++ 89066	933 378210	1998 943812	9850	33977	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroform	FB	Ave	++++ 263069	2671 1141619	5512 2941176	27779	104140	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	++++ 190245	2035 884247	3575 2176121	20063	71193	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl acetate	BUT	QuaF	++++ 34879	335 152140	1043 423470	4807	13729	++++ 100	1.00 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Ave	++++ 131425	1104 571026	2266 1543894	13360	50071	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrahydrofuran	BUT	Ave	++++ 102664	1028 449115	2156 1175381	11632	40078	++++ 100	1.00 400	2.00 1000	10.0	40.0
1,1,1-Trichloroethane	FB	Ave	++++ 227782	2391 1028710	4736 2563361	25313	88147	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Butanone (MEK)	BUT	Ave	++++ 95457	1198 443995	2363 1206761	11350	39148	++++ 250	2.50 1000	5.00 2500	25.0	100
1,1-Dichloropropene	FB	Ave	++++ 201341	2667 912320	4585 2269142	22879	77448	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2,4-Trimethylpentane	FB	Ave	++++ 345940	3653 1373987	6347 3703531	30035	126585	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	++++ 81161	779 401235	1175 958492	9157	27822	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzene	CBNZ d5	Ave	++++ 632528	6669 2803079	12805 6845455	68904	249882	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Propionitrile	TBAd 9	Ave	++++ 196733	1567 865215	4101 2329713	20930	75640	++++ 500	5.00 2000	10.0 5000	50.0	200
Methacrylonitrile	FB	Ave	++++ 646783	5334 2759615	12142 6946423	68150	248049	++++ 500	5.00 2000	10.0 5000	50.0	200
Tert-amyl methyl ether	FB	Ave	++++ 454051	4142 1980907	8987 5136949	49024	178094	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	++++ 194052	2349 854434	4567 2108769	21934	77985	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd 9	Ave	++++ 133924	1257 606440	2390 1692498	14473	50472	++++ 1250	12.5 5000	25.0 12500	125	500
Isopropyl acetate	FB	Ave	++++ 259750	2428 1105480	4948 2978808	27033	98712	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: TestAmerica Edison Job No.: 460-135385-1 Analy Batch No.: 430209

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2017 01:41 Calibration End Date: 04/14/2017 08:47 Calibration ID: 61755

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Methylcyclohexane	FB	Ave	++++ 228061	1804 1087079	2669 2671562	24388	80234	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichloroethene	FB	Ave	++++ 173948	1740 784388	3906 1927777	19095	66810	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromomethane	FB	Ave	++++ 100740	1030 450734	2172 1145142	11389	39788	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBAd 9	Ave	++++ 91767	671 411120	1443 1171610	9142	32376	++++ 1250	12.5 5000	25.0 12500	125	500
1,2-Dichloropropane	FB	Ave	++++ 152719	1732 692906	3183 1745028	16919	60237	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl acrylate	FB	Ave	++++ 187455	1378 831368	3111 2270632	19988	70379	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromodichloromethane	FB	Ave	++++ 202859	1963 919743	3979 2321015	21284	79279	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	++++ 96105	772 418459	1651 1117998	9558	35799	++++ 100	1.00 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	++++ 36213	831 152891	1728 414191	4088	14082	++++ 1000	25.0 4000	50.0 10000	100	400
n-Propyl acetate	FB	Ave	++++ 189940	1841 828006	3375 2246082	20164	74495	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chloroethyl vinyl ether	FB	Qua2	++++ 53427	274 246936	873 833829	4946	18505	++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 262194	2448 1178801	5221 2963909	27704	102322	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Toluene	CBNZ d5	Ave	++++ 706977	8497 3164381	14608 7729906	77313	277535	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Epichlorohydrin	BUT	Ave	1254 295684	2534 1323542	5399 3520873	30754	114045	5.00 1000	10.0 4000	20.0 10000	100	400
2-Nitropropane	FB	Ave	++++ 70705	667 307537	1390 841384	7215	27988	++++ 100	1.00 400	2.00 1000	10.0	40.0
Tetrachloroethene	CBNZ d5	Ave	++++ 184017	2007 851539	3575 2102253	20225	69407	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 646905	6411 2874598	11914 7511512	69786	252072	++++ 250	2.50 1000	5.00 2500	25.0	100
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 242498	2182 1117197	4586 2804890	25056	93540	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 120742	1124 543696	2446 1400170	13247	47842	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl methacrylate	FB	Ave	++++ 210398	2029 950306	3745 2485900	21824	80685	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromochloromethane	CBNZ d5	Ave	++++ 174777	1428 815569	3115 2080498	17701	65277	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: TestAmerica Edison Job No.: 460-135385-1 Analy Batch No.: 430209

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2017 01:41 Calibration End Date: 04/14/2017 08:47 Calibration ID: 61755

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,3-Dichloropropane	CBNZ d5	Ave	++++ 250236	2423 1114497	4584 2838229	27541	97237	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromoethane	CBNZ d5	Ave	++++ 157990	1426 716123	3026 1832089	16240	61087	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acetate	CBNZ d5	Ave	++++ 204620	1788 896665	3768 2447924	21247	76634	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	++++ 453286	2897 2048801	7575 5516553	47461	180175	++++ 250	2.50 1000	5.00 2500	25.0	100
Chlorobenzene	CBNZ d5	Ave	++++ 464855	4892 2087521	9770 5146617	50385	183130	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZ d5	Ave	++++ 248776	2610 1133484	4761 2784817	26960	95306	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 162751	1772 756015	3013 1886970	17307	62821	++++ 50.0	0.500 200	1.00 500	5.00	20.0
m&p-Xylene	CBNZ d5	Ave	++++ 305550	3120 1390454	6108 3428221	33268	119504	++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBNZ d5	Ave	++++ 297634	2859 1343949	5804 3307254	32858	115066	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromoform	CBNZ d5	Ave	++++ 122957	986 586887	1966 1524541	11990	45219	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Styrene	CBNZ d5	Ave	++++ 516522	4677 2341913	9151 5723050	52948	199164	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBNZ d5	Ave	++++ 116677	892 538858	1984 1458045	11261	43436	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZ d5	Ave	++++ 756889	6353 3451289	13245 8399399	82681	291376	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	++++ 244291	1924 1084848	4171 2952606	24297	92030	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromobenzene	DCBd 4	Ave	++++ 223297	2289 1001150	4230 2469441	24283	85626	++++ 50.0	0.500 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd 4	Ave	++++ 871633	6824 3966019	15009 9588303	95495	330428	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	++++ 192387	1883 854957	3863 2195515	21122	74985	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd 4	Ave	++++ 619607	6135 2772385	12076 6734442	66081	242031	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd 4	Ave	++++ 784162	7377 3279132	15896 8300392	78275	294974	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCBd 4	Ave	++++ 61059	732 267788	1170 692386	6794	23452	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	++++ 651162	5125 2935419	12056 7098656	70149	250753	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: TestAmerica Edison Job No.: 460-135385-1 Analy Batch No.: 430209

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2017 01:41 Calibration End Date: 04/14/2017 08:47 Calibration ID: 61755

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	++++ 51712	352 243338	918 632945	5295	19533	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCBd 4	Ave	++++ 587153	5259 2643925	10919 6502060	62483	226708	++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd 4	Ave	++++ 536371	4086 2450180	8936 5853806	58406	201981	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd 4	Ave	++++ 227535	1931 1038965	3470 2683512	22309	84209	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 677959	5915 3057162	12270 7126427	74104	261444	++++ 50.0	0.500 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd 4	Ave	++++ 759624	5545 3532868	12716 8336557	83397	284544	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 406051	3538 1824257	7728 4282699	42768	156685	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 681383	4916 3131184	11587 7230137	72851	255158	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 417725	4107 1875224	8792 4520144	45851	163056	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 707658	6668 3033328	14418 7629872	72227	271885	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCBd 4	Ave	++++ 716467	6538 3076803	14011 7651986	73204	276824	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd 4	Ave	++++ 497035	3920 2268856	7659 5906605	45768	178726	++++ 50.0	0.500 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd 4	Ave	++++ 385843	3479 1633380	7831 4083649	37899	143980	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd 4	Ave	++++ 565266	4085 2632159	9639 6155895	60622	212417	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 395912	3523 1771943	7410 4265104	41335	152583	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 661411	5974 2751281	13687 6684839	65798	254038	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	++++ 42290	321 201885	628 538367	4291	15642	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	++++ 281841	2582 1182259	6253 2933427	28408	106746	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	++++ 268660	1921 1183276	5352 2742075	27974	102018	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd 4	Ave	++++ 98088	831 448533	1992 1021892	11070	36252	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Naphthalene	DCBd 4	Ave	++++ 612435	6398 2697005	13538 6653971	61087	231163	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: TestAmerica Edison Job No.: 460-135385-1 Analy Batch No.: 430209

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2017 01:41 Calibration End Date: 04/14/2017 08:47 Calibration ID: 61755

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 234866	2097 1027540	5188 2459906	23844	89372	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	120296 119416	117942 123141	114030 123555	115400	115352	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	132123 131099	130926 132653	127262 150783	131920	128352	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	501674 511089	496005 526836	473202 551177	492508	497906	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	174073 180058	174840 189871	164814 196866	174450	174628	50.0 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
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26302.D
 Lims ID: STD8
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 14-Apr-2017 01:41:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD8
 Misc. Info.: 460-0053706-002
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub51
 Method: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 22-May-2017 19:25:34 Calib Date: 14-Apr-2017 08:47:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: desais

Date: 14-Apr-2017 06:52:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.081	2.081	0.000	98	248921	1000.0	1000.0	
35 Acrylonitrile	53	2.410	2.403	0.007	95	1973	2.00	1.77	
\$ 47 Dibromofluoromethane (Surr	113	3.069	3.070	-0.001	98	120296	50.0	50.2	
* 49 2-Butanone-d5	46	3.127	3.127	0.000	97	272582	250.0	250.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.471	3.471	0.000	96	132123	50.0	49.2	
* 62 Fluorobenzene	96	3.714	3.714	0.000	99	663542	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.595	4.595	0.000	94	29863	1000.0	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.261	5.261	0.000	99	501674	50.0	49.9	
80 Epichlorohydrin	57	5.347	5.340	0.007	95	1254	5.00	4.45	
* 92 Chlorobenzene-d5	117	7.138	7.138	0.000	85	505103	50.0	50.0	
\$ 103 4-Bromofluorobenzene	174	8.922	8.922	0.000	93	174073	50.0	49.1	
* 119 1,4-Dichlorobenzene-d4	152	10.684	10.684	0.000	95	289082	50.0	50.0	

Reagents:

MIX 1 Hi_00071	Amount Added: 0.00	Units: uL	
MIX 2 Hi_00054	Amount Added: 0.00	Units: uL	
GAS Hi_00196	Amount Added: 0.00	Units: uL	
ACROLEIN W_00063	Amount Added: 0.00	Units: uL	
14DIOXINTER_00068	Amount Added: 0.00	Units: uL	
ACRY/EPIH MIX_00032	Amount Added: 2.00	Units: uL	
8260ISNEW_00102	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00155	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS13\\20170414-53706.b\\P26302.D

Injection Date: 14-Apr-2017 01:41:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD8

Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL

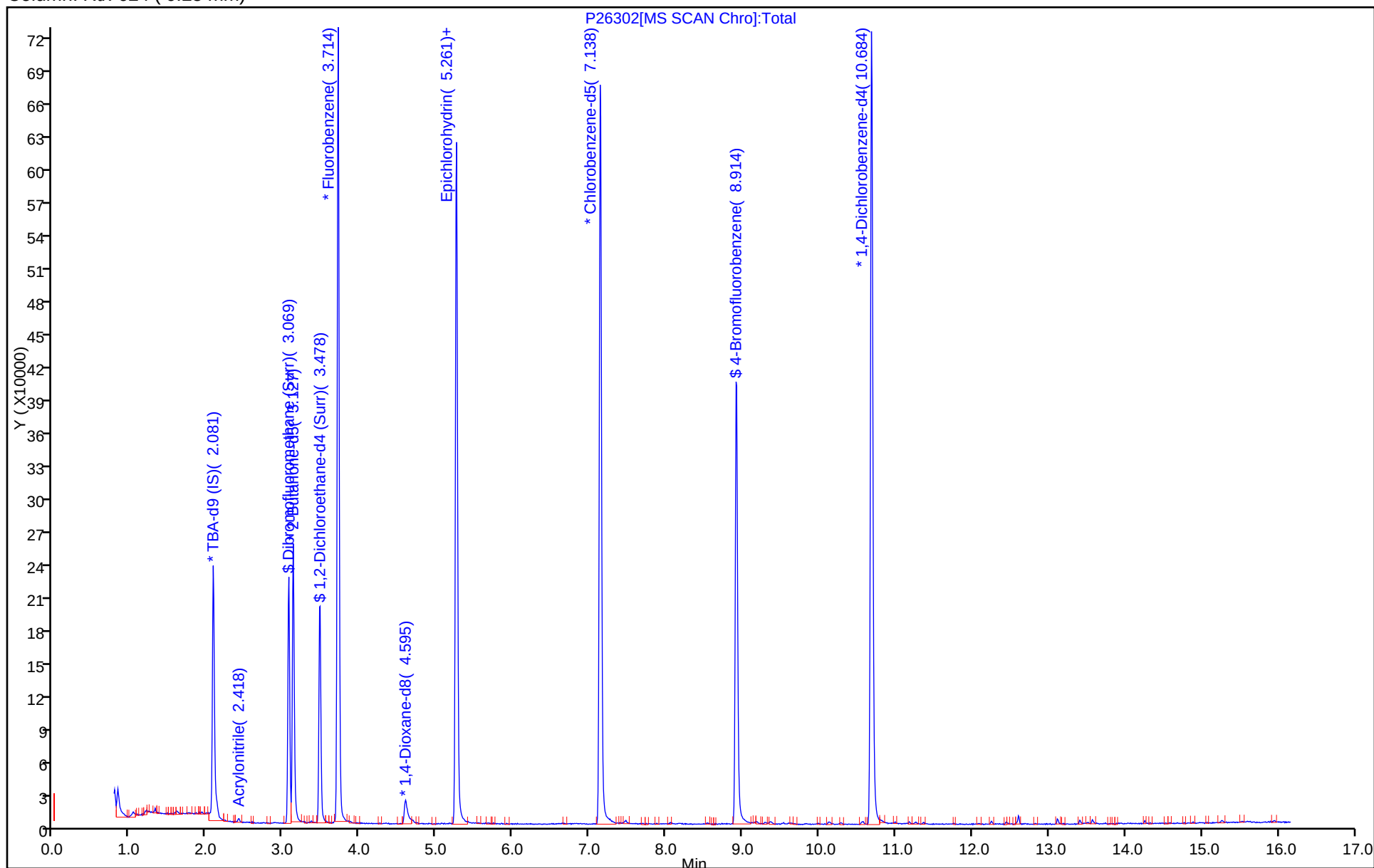
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26303.D
 Lims ID: STD05
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 14-Apr-2017 02:07:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD05
 Misc. Info.: 460-0053706-003
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub51
 Method: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 22-May-2017 19:25:59 Calib Date: 14-Apr-2017 08:47:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: desais

Date: 14-Apr-2017 06:58:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.870	0.878	-0.008	80	853	0.5000	0.5741	
2 Dichlorodifluoromethane	85	0.885	0.885	0.000	81	1954	0.5000	0.4941	
5 Vinyl chloride	62	1.028	1.028	0.000	82	2101	0.5000	0.5554	
4 Chloromethane	50	1.028	1.028	0.000	66	2598	0.5000	0.5553	
3 Butadiene	54	1.028	1.028	0.000	93	1641	0.5000	0.5434	
6 Bromomethane	94	1.186	1.186	0.000	89	597	0.5000	0.4031	
7 Chloroethane	64	1.250	1.250	0.000	96	1058	0.5000	0.5016	
8 Trichlorofluoromethane	101	1.322	1.322	0.000	64	2435	0.5000	0.5640	
9 Pentane	72	1.315	1.322	-0.007	95	687	1.00	1.23	
10 Dichlorofluoromethane	67	1.350	1.350	0.000	96	2699	0.5000	0.5246	
12 Ethyl ether	59	1.479	1.479	0.000	92	1589	0.5000	0.5973	
11 2-Methyl-1,3-butadiene	67	1.472	1.479	-0.007	71	1150	0.5000	0.3546	
13 Ethanol	46	1.558	1.558	0.000	54	781	20.0	54.3	
14 1,1-Dichloroethene	96	1.587	1.587	0.000	96	1495	0.5000	0.5353	
15 1,2-Dichloro-1,1,2-trifluo	67	1.587	1.587	0.000	84	1967	0.5000	0.5978	
16 Carbon disulfide	76	1.601	1.601	0.000	100	6015	0.5000	0.5755	
17 1,1,2-Trichloro-1,2,2-trif	101	1.608	1.608	0.000	96	1444	0.5000	0.5754	
18 Iodomethane	142	1.666	1.666	0.000	98	849	0.5000	0.2143	
19 Cyclopentene	67	1.752	1.752	0.000	96	3892	0.5000	0.5444	
20 Acrolein	56	1.766	1.766	0.000	86	859	2.00	2.28	
21 3-Chloro-1-propene	76	1.845	1.845	0.000	93	1063	0.5000	0.5954	
22 Isopropyl alcohol	45	1.866	1.866	0.000	97	1362	5.00	5.14	
23 Methylene Chloride	84	1.909	1.909	0.000	88	1835	0.5000	0.5345	
24 Acetone	43	1.938	1.931	0.007	87	3755	2.50	4.49	
25 trans-1,2-Dichloroethene	96	2.002	2.002	0.000	95	1673	0.5000	0.5317	
26 Methyl acetate	43	2.009	2.009	0.000	99	4814	2.50	2.59	
27 Hexane	57	2.060	2.052	0.008	37	2890	0.5000	0.5476	
28 Methyl tert-butyl ether	73	2.067	2.067	0.000	96	4934	0.5000	0.5467	
* 29 TBA-d9 (IS)	65	2.088	2.081	0.007	98	247103	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.131	2.131	0.000	98	2479	5.00	4.85	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.210	2.210	0.000	96	1425	5.00	4.64	
32 Isopropyl ether	45	2.303	2.303	0.000	96	4470	0.5000	0.5125	
33 2-Chloro-1,3-butadiene	88	2.360	2.368	-0.008	89	1189	0.5000	0.4556	
34 1,1-Dichloroethane	63	2.375	2.375	0.000	98	2730	0.5000	0.5259	
35 Acrylonitrile	53	2.411	2.403	0.008	93	5381	5.00	5.21	
36 Tert-butyl ethyl ether	59	2.539	2.540	-0.001	91	4275	0.5000	0.4668	
37 Vinyl acetate	43	2.554	2.547	0.007	99	5879	1.00	0.9539	
38 cis-1,2-Dichloroethene	96	2.740	2.740	0.000	96	1934	0.5000	0.5418	
39 2,2-Dichloropropane	77	2.804	2.812	-0.008	95	2937	0.5000	0.6396	
41 Chlorobromomethane	128	2.876	2.876	0.000	87	933	0.5000	0.5313	
40 Cyclohexane	56	2.876	2.876	0.000	89	2079	0.5000	0.5034	
42 Chloroform	83	2.933	2.933	0.000	97	2671	0.5000	0.5185	
43 Carbon tetrachloride	117	3.034	3.027	0.007	93	2035	0.5000	0.5474	
45 Methyl acrylate	55	3.041	3.034	0.007	32	1104	0.5000	0.4542	
44 Ethyl acetate	70	3.034	3.034	0.000	92	335	1.00	0.99	
46 Tetrahydrofuran	42	3.055	3.048	0.007	29	1028	1.00	1.01	
\$ 47 Dibromofluoromethane (Surr	113	3.070	3.070	0.000	98	117942	50.0	53.1	
48 1,1,1-Trichloroethane	97	3.077	3.077	0.000	35	2391	0.5000	0.5281	
* 49 2-Butanone-d5	46	3.127	3.127	0.000	97	265439	250.0	250.0	
50 2-Butanone (MEK)	72	3.170	3.163	0.007	73	1198	2.50	2.88	
51 1,1-Dichloropropene	75	3.177	3.177	0.000	20	2667	0.5000	0.6305	
52 Isooctane	57	3.263	3.263	0.000	99	3653	0.5000	0.5781	
53 n-Heptane	57	3.356	3.356	0.000	46	779	0.5000	0.5081	
54 Benzene	78	3.370	3.363	0.007	94	6669	0.5000	0.5412	
55 Propionitrile	54	3.392	3.385	0.007	41	1567	5.00	4.20	
56 Methacrylonitrile	67	3.406	3.406	0.000	92	5334	5.00	4.46	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.471	3.471	0.000	96	130926	50.0	52.6	
58 Tert-amyl methyl ether	73	3.478	3.478	0.000	87	4142	0.5000	0.4748	
59 1,2-Dichloroethane	62	3.528	3.528	0.000	91	2349	0.5000	0.5846	
60 Isobutyl alcohol	43	3.600	3.592	0.008	91	1257	12.5	12.2	
61 t-Amyl alcohol	59	3.671	3.664	0.007	69	1190	5.00	5.38	
* 62 Fluorobenzene	96	3.714	3.714	0.000	99	615192	50.0	50.0	
63 Isopropyl acetate	43	3.779	3.779	0.000	96	2428	0.5000	0.4932	
64 Methylcyclohexane	83	3.843	3.843	0.000	89	1804	0.5000	0.4448	
65 Trichloroethene	130	3.865	3.865	0.000	97	1740	0.5000	0.5035	
66 2-ethoxy-2-methyl butane	59	4.108	4.108	0.000	91	3543	0.5000	0.4918	
68 n-Butanol	56	4.259	4.230	0.029	52	671	12.5	10.2	
67 Dibromomethane	93	4.237	4.237	0.000	91	1030	0.5000	0.5108	
69 1,2-Dichloropropane	63	4.330	4.330	0.000	93	1732	0.5000	0.5608	
70 Ethyl acrylate	55	4.416	4.402	0.014	63	1378	0.5000	0.4006	
71 Dichlorobromomethane	83	4.416	4.409	0.007	97	1963	0.5000	0.4990	
* 72 1,4-Dioxane-d8	96	4.595	4.595	0.000	96	30388	1000.0	1000.0	
73 Methyl methacrylate	100	4.617	4.602	0.015	80	772	1.00	0.8808	
74 1,4-Dioxane	88	4.631	4.624	0.007	65	831	25.0	23.8	
75 n-Propyl acetate	43	4.767	4.760	0.007	96	1841	0.5000	0.5058	
76 2-Chloroethyl vinyl ether	63	5.039	5.032	0.007	28	274	0.5000	0.4749	
77 cis-1,3-Dichloropropene	75	5.068	5.061	0.007	91	2448	0.5000	0.4881	
\$ 78 Toluene-d8 (Surr)	98	5.261	5.261	0.000	99	496005	50.0	52.7	
79 Toluene	91	5.312	5.319	-0.007	92	8497	0.5000	0.6006	
80 Epichlorohydrin	57	5.355	5.340	0.015	97	2534	10.0	9.23	
81 2-Nitropropane	41	5.569	5.577	-0.008	93	667	1.00	0.9786	
82 Tetrachloroethene	166	5.741	5.749	-0.008	96	2007	0.5000	0.5552	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 4-Methyl-2-pentanone (MIBK)	43	5.791	5.784	0.007	94	6411	2.50	2.57	
84 trans-1,3-Dichloropropene	75	5.834	5.820	0.014	91	2182	0.5000	0.4754	
85 1,1,2-Trichloroethane	83	5.999	5.999	0.000	94	1124	0.5000	0.4800	
86 Ethyl methacrylate	69	6.085	6.071	0.014	83	2029	0.5000	0.5042	
87 Chlorodibromomethane	129	6.207	6.200	0.007	95	1428	0.5000	0.4412	
88 1,3-Dichloropropane	76	6.314	6.314	0.000	88	2423	0.5000	0.5072	
89 Ethylene Dibromide	107	6.458	6.443	0.015	97	1426	0.5000	0.4770	
90 n-Butyl acetate	43	6.801	6.787	0.014	96	1788	0.5000	0.4678	
91 2-Hexanone	43	6.866	6.852	0.014	95	2897	2.50	1.76	
* 92 Chlorobenzene-d5	117	7.138	7.138	0.000	85	473094	50.0	50.0	
93 Chlorobenzene	112	7.160	7.160	0.000	95	4892	0.5000	0.5353	
94 Ethylbenzene	106	7.253	7.246	0.007	97	2610	0.5000	0.5412	
95 1,1,1,2-Tetrachloroethane	131	7.274	7.274	0.000	90	1772	0.5000	0.5576	
96 m-Xylene & p-Xylene	106	7.475	7.461	0.014	96	3120	0.5000	0.5238	
97 o-Xylene	106	8.055	8.055	0.000	93	2859	0.5000	0.4999	
98 Bromoform	173	8.127	8.120	0.007	93	986	0.5000	0.4390	
99 Styrene	104	8.155	8.141	0.014	95	4677	0.5000	0.4871	
100 n-Butyl acrylate	73	8.478	8.463	0.015	96	892	0.5000	0.4193	
101 Isopropylbenzene	105	8.542	8.542	0.000	95	6353	0.5000	0.4520	
102 Amyl acetate (mixed isomer)	43	8.893	8.879	0.014	37	1924	0.5000	0.4366	
\$ 103 4-Bromofluorobenzene	174	8.922	8.922	0.000	94	174840	50.0	52.6	
104 Bromobenzene	156	9.029	9.029	0.000	95	2289	0.5000	0.5380	
105 N-Propylbenzene	91	9.187	9.180	0.007	99	6824	0.5000	0.4315	
106 1,1,2,2-Tetrachloroethane	83	9.330	9.323	0.007	97	1883	0.5000	0.5095	
107 2-Chlorotoluene	91	9.359	9.352	0.007	97	6135	0.5000	0.5219	
108 4-Ethyltoluene	105	9.366	9.366	0.000	98	7377	0.5000	0.5110	
109 1,2,3-Trichloropropane	110	9.459	9.459	0.000	92	732	0.5000	0.6098	
110 1,3,5-Trimethylbenzene	105	9.523	9.523	0.000	94	5125	0.5000	0.4307	
111 trans-1,4-Dichloro-2-buten	53	9.609	9.588	0.021	36	352	0.5000	0.3758	M
112 4-Chlorotoluene	91	9.631	9.624	0.007	97	5259	0.5000	0.4814	
113 tert-Butylbenzene	119	9.996	9.996	0.000	94	4086	0.5000	0.4241	
114 Butyl Methacrylate	87	10.125	10.118	0.007	51	1931	0.5000	0.4745	
115 1,2,4-Trimethylbenzene	105	10.132	10.125	0.007	95	5915	0.5000	0.4738	
116 sec-Butylbenzene	105	10.290	10.283	0.007	98	5545	0.5000	0.4065	
117 1,3-Dichlorobenzene	146	10.562	10.548	0.014	80	3538	0.5000	0.4727	
118 4-Isopropyltoluene	119	10.569	10.562	0.007	96	4916	0.5000	0.4060	
* 119 1,4-Dichlorobenzene-d4	152	10.684	10.684	0.000	94	271605	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.705	10.705	0.000	35	4107	0.5000	0.5108	
138 1,2,3-Trimethylbenzene	105	10.813	10.813	0.000	0	6668	0.5000	0.5051	
121 2,3-Dihydroindene	117	10.999	10.992	0.007	94	6538	0.5000	0.4945	
122 Benzyl chloride	91	11.171	11.164	0.007	93	3920	0.5000	0.4500	
123 p-Diethylbenzene	119	11.178	11.171	0.007	88	3479	0.5000	0.4935	
124 n-Butylbenzene	91	11.257	11.250	0.007	96	4085	0.5000	0.4037	
125 1,2-Dichlorobenzene	146	11.364	11.357	0.007	97	3523	0.5000	0.4821	
126 1,2,4,5-Tetramethylbenzene	119	12.253	12.245	0.008	96	5974	0.5000	0.4942	
127 1,2-Dibromo-3-Chloropropan	157	12.396	12.396	0.000	86	321	0.5000	0.4213	
128 1,3,5-Trichlorobenzene	180	12.446	12.439	0.007	95	2582	0.5000	0.4922	
129 1,2,4-Trichlorobenzene	180	13.112	13.105	0.007	93	1921	0.5000	0.3994	
130 Hexachlorobutadiene	225	13.119	13.119	0.000	76	831	0.5000	0.4541	
131 Naphthalene	128	13.406	13.399	0.007	99	6398	0.5000	0.5449	
132 1,2,3-Trichlorobenzene	180	13.571	13.563	0.008	95	2097	0.5000	0.4777	
S 133 1,2-Dichloroethene, Total	100				0		1.00	1.07	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,3-Dichloropropene, Total	100				0		0.5000	0.9635	
S 135 Xylenes, Total	100				0		1.00	1.02	
S 137 Total BTEX	1				0		2.50	2.71	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

MIX 1 Hi_00071	Amount Added: 0.50	Units: uL	
MIX 2 Hi_00054	Amount Added: 0.50	Units: uL	
GAS Hi_00196	Amount Added: 0.50	Units: uL	
ACROLEIN W_00063	Amount Added: 2.00	Units: uL	
14DIOXINTER_00068	Amount Added: 15.00	Units: uL	
8260ISNEW_00102	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00155	Amount Added: 1.00	Units: uL	Run Reagent

Chrom Revision: 2.2 25-Apr-2017 13:27:22

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS13\\20170414-53706.b\\P26303.D

Injection Date: 14-Apr-2017 02:07:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD05

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

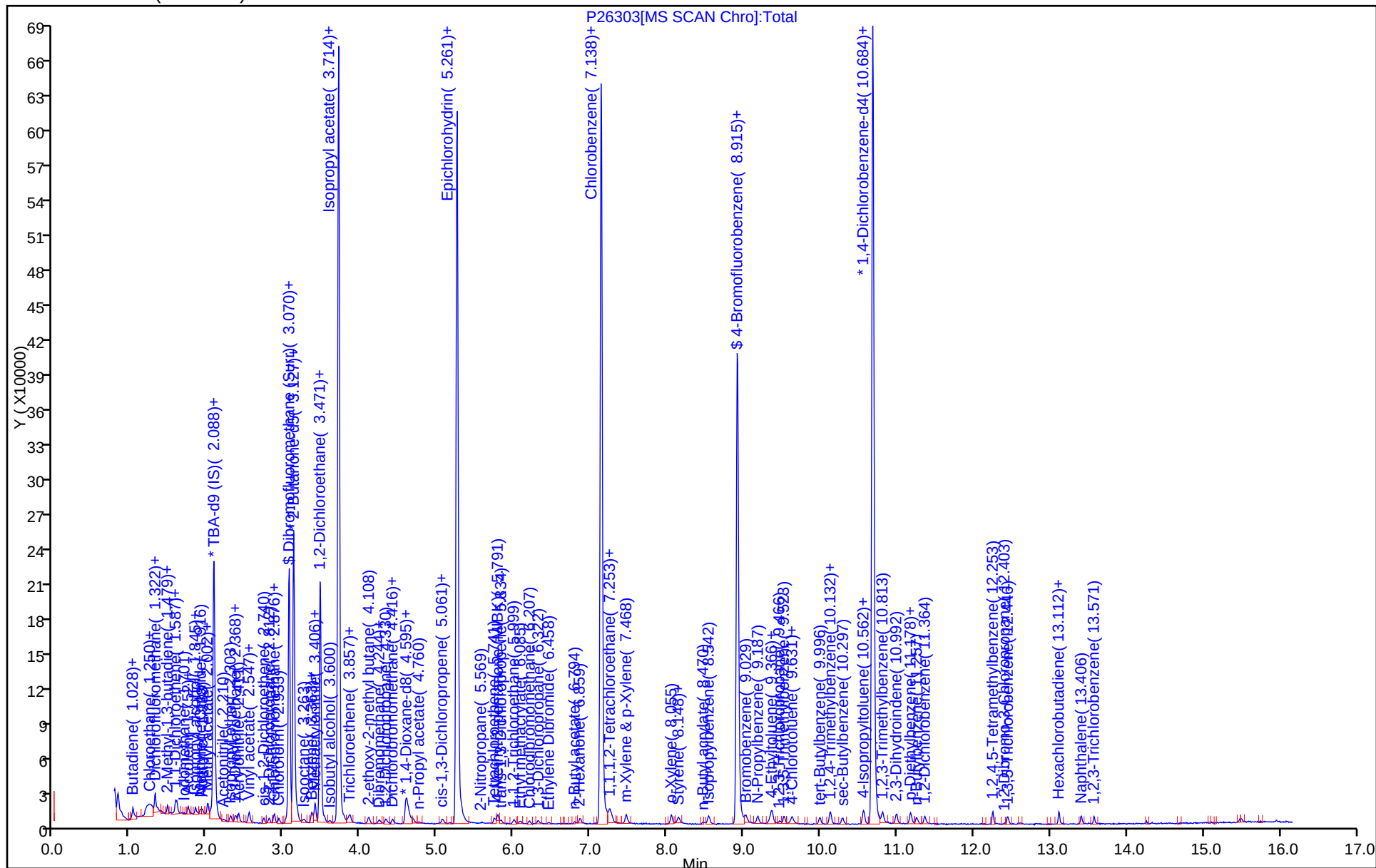
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260W 13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26303.D

Injection Date: 14-Apr-2017 02:07:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

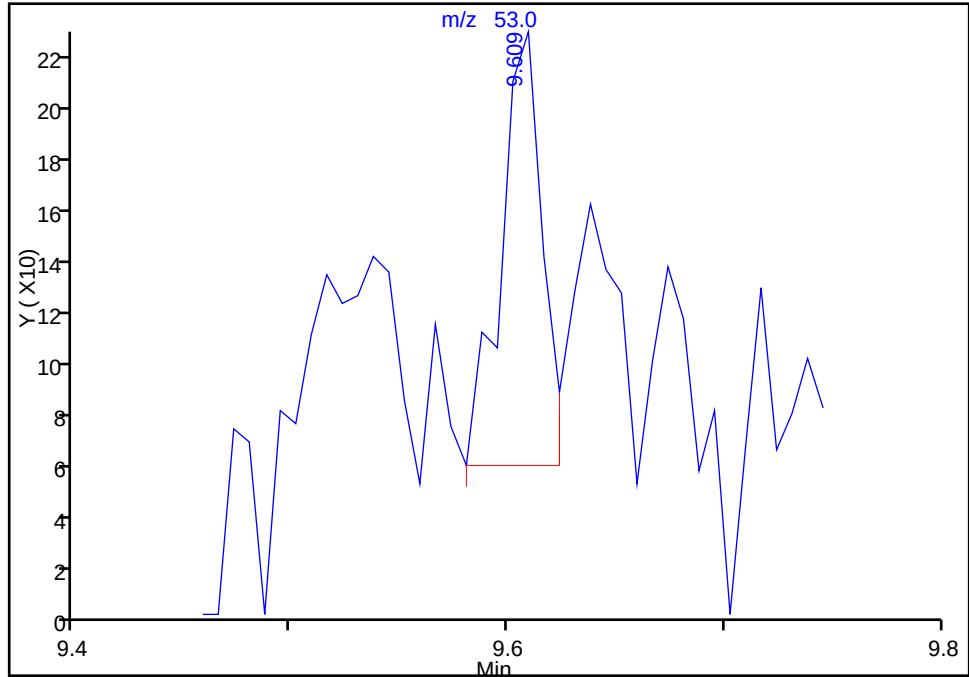
MS SCAN

111 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

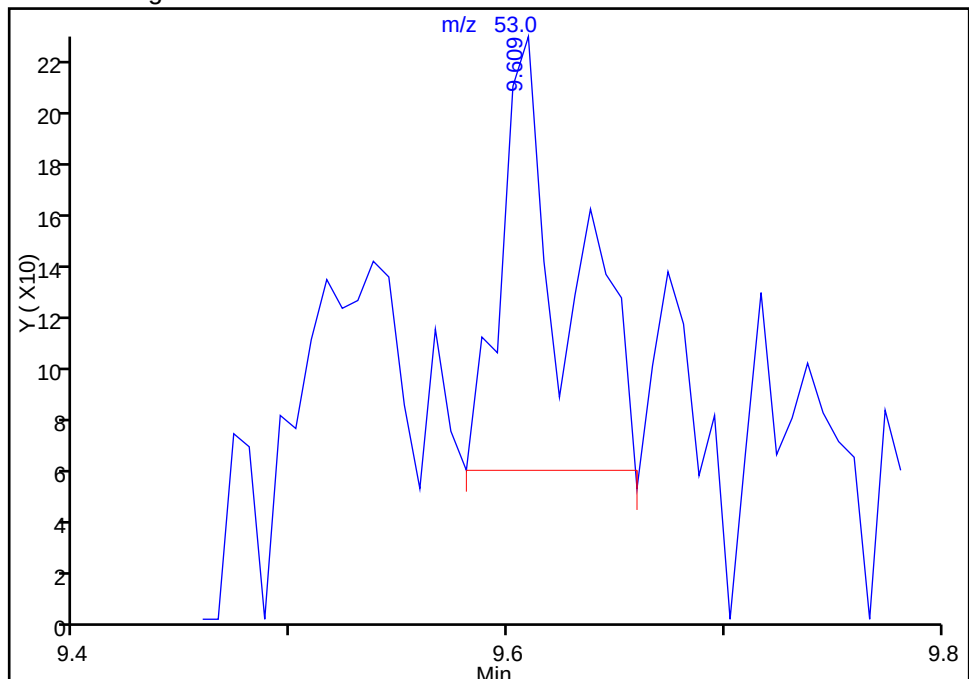
RT: 9.61
Area: 222
Amount: 0.216953
Amount Units: ug/l

Processing Integration Results



RT: 9.61
Area: 352
Amount: 0.375800
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 17-Apr-2017 20:32:29

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26305.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 14-Apr-2017 02:57:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0053706-005
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub51
 Method: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 22-May-2017 19:26:05 Calib Date: 14-Apr-2017 08:47:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: desais

Date: 14-Apr-2017 06:45:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.878	0.878	0.000	88	7852	5.00	5.06	
2 Dichlorodifluoromethane	85	0.885	0.885	0.000	99	21689	5.00	5.26	
3 Butadiene	54	1.028	1.028	0.000	97	15827	5.00	5.02	
4 Chloromethane	50	1.028	1.028	0.000	74	24578	5.00	5.03	
5 Vinyl chloride	62	1.028	1.028	0.000	98	20902	5.00	5.29	
6 Bromomethane	94	1.186	1.186	0.000	99	7510	5.00	4.84	
7 Chloroethane	64	1.250	1.250	0.000	99	10702	5.00	4.78	
9 Pentane	72	1.322	1.322	0.000	96	5036	10.0	8.46	
8 Trichlorofluoromethane	101	1.315	1.322	-0.007	73	23337	5.00	5.18	
10 Dichlorofluoromethane	67	1.351	1.350	0.001	99	28267	5.00	5.26	
11 2-Methyl-1,3-butadiene	67	1.472	1.479	-0.007	96	16693	5.00	4.93	
12 Ethyl ether	59	1.480	1.479	0.001	97	14901	5.00	5.37	
13 Ethanol	46	1.558	1.558	0.000	98	3326	200.0	217.8	
15 1,2-Dichloro-1,1,2-trifluo	67	1.587	1.587	0.000	81	18201	5.00	5.30	
14 1,1-Dichloroethene	96	1.587	1.587	0.000	98	15148	5.00	5.20	
16 Carbon disulfide	76	1.601	1.601	0.000	99	54573	5.00	5.00	
17 1,1,2-Trichloro-1,2,2-trif	101	1.608	1.608	0.000	97	14749	5.00	5.63	
18 Iodomethane	142	1.666	1.666	0.000	96	9880	5.00	2.39	
19 Cyclopentene	67	1.752	1.752	0.000	95	36376	5.00	4.88	
20 Acrolein	56	1.766	1.766	0.000	97	7967	20.0	20.3	
21 3-Chloro-1-propene	76	1.845	1.845	0.000	93	10177	5.00	5.46	
22 Isopropyl alcohol	45	1.866	1.866	0.000	96	9719	50.0	55.3	
23 Methylene Chloride	84	1.909	1.909	0.000	90	20330	5.00	5.67	
24 Acetone	43	1.931	1.931	0.000	87	25566	25.0	29.2	
25 trans-1,2-Dichloroethene	96	2.002	2.002	0.000	93	16852	5.00	5.13	
26 Methyl acetate	43	2.010	2.009	0.001	99	53250	25.0	27.5	
27 Hexane	57	2.053	2.052	0.001	83	30569	5.00	5.55	
28 Methyl tert-butyl ether	73	2.067	2.067	0.000	97	50948	5.00	5.41	
* 29 TBA-d9 (IS)	65	2.088	2.081	0.007	98	262353	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.131	2.131	0.000	99	17203	50.0	55.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.217	2.210	0.007	99	17656	50.0	54.1	
32 Isopropyl ether	45	2.303	2.303	0.000	95	47907	5.00	5.26	
33 2-Chloro-1,3-butadiene	88	2.361	2.368	-0.007	89	14142	5.00	5.19	
34 1,1-Dichloroethane	63	2.375	2.375	0.000	99	29301	5.00	5.41	
35 Acrylonitrile	53	2.411	2.403	0.008	94	56276	50.0	52.2	
36 Tert-butyl ethyl ether	59	2.540	2.540	0.000	89	50679	5.00	5.30	
37 Vinyl acetate	43	2.547	2.547	0.000	99	71627	10.0	11.1	
38 cis-1,2-Dichloroethene	96	2.733	2.740	-0.007	98	19948	5.00	5.35	
39 2,2-Dichloropropane	77	2.812	2.812	0.000	96	25307	5.00	5.28	
40 Cyclohexane	56	2.869	2.876	-0.007	87	23847	5.00	5.53	
41 Chlorobromomethane	128	2.876	2.876	0.000	88	9850	5.00	5.37	
42 Chloroform	83	2.934	2.933	0.001	99	27779	5.00	5.17	
43 Carbon tetrachloride	117	3.027	3.027	0.000	97	20063	5.00	5.17	
44 Ethyl acetate	70	3.034	3.034	0.000	99	4807	10.0	13.6	
45 Methyl acrylate	55	3.041	3.034	0.007	63	13360	5.00	5.27	
46 Tetrahydrofuran	42	3.048	3.048	0.000	95	11632	10.0	10.9	
\$ 47 Dibromofluoromethane (Surr	113	3.070	3.070	0.000	98	115400	50.0	49.8	
48 1,1,1-Trichloroethane	97	3.077	3.077	0.000	98	25313	5.00	5.36	
* 49 2-Butanone-d5	46	3.127	3.127	0.000	97	278236	250.0	250.0	
50 2-Butanone (MEK)	72	3.170	3.163	0.007	99	11350	25.0	26.1	
51 1,1-Dichloropropene	75	3.177	3.177	0.000	95	22879	5.00	5.18	
52 Isooctane	57	3.263	3.263	0.000	99	30035	5.00	4.55	
53 n-Heptane	57	3.356	3.356	0.000	87	9157	5.00	5.72	
54 Benzene	78	3.363	3.363	0.000	96	68904	5.00	5.31	
55 Propionitrile	54	3.385	3.385	0.000	97	20930	50.0	52.8	
56 Methacrylonitrile	67	3.406	3.406	0.000	90	68150	50.0	54.6	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.471	3.471	0.000	98	131920	50.0	50.7	
58 Tert-amyl methyl ether	73	3.478	3.478	0.000	99	49024	5.00	5.39	
59 1,2-Dichloroethane	62	3.528	3.528	0.000	97	21934	5.00	5.23	
60 Isobutyl alcohol	43	3.593	3.592	0.001	96	14473	125.0	132.3	
61 t-Amyl alcohol	59	3.664	3.664	0.000	89	12407	50.0	53.8	
* 62 Fluorobenzene	96	3.714	3.714	0.000	99	642007	50.0	50.0	
63 Isopropyl acetate	43	3.779	3.779	0.000	99	27033	5.00	5.26	
64 Methylcyclohexane	83	3.843	3.843	0.000	94	24388	5.00	5.76	
65 Trichloroethene	130	3.865	3.865	0.000	97	19095	5.00	5.29	
66 2-ethoxy-2-methyl butane	59	4.108	4.108	0.000	93	39419	5.00	5.24	
68 n-Butanol	56	4.237	4.230	0.007	52	9142	125.0	130.7	
67 Dibromomethane	93	4.237	4.237	0.000	93	11389	5.00	5.41	
69 1,2-Dichloropropane	63	4.330	4.330	0.000	91	16919	5.00	5.25	
70 Ethyl acrylate	55	4.409	4.402	0.007	98	19988	5.00	5.57	
71 Dichlorobromomethane	83	4.409	4.409	0.000	98	21284	5.00	5.18	
* 72 1,4-Dioxane-d8	96	4.595	4.595	0.000	94	30915	1000.0	1000.0	
73 Methyl methacrylate	100	4.603	4.602	0.001	85	9558	10.0	10.4	
74 1,4-Dioxane	88	4.631	4.624	0.007	87	4088	100.0	114.9	
75 n-Propyl acetate	43	4.760	4.760	0.000	97	20164	5.00	5.31	
76 2-Chloroethyl vinyl ether	63	5.032	5.032	0.000	95	4946	5.00	5.20	
77 cis-1,3-Dichloropropene	75	5.068	5.061	0.007	91	27704	5.00	5.24	
\$ 78 Toluene-d8 (Surr)	98	5.262	5.261	0.001	99	492508	50.0	49.7	
79 Toluene	91	5.312	5.319	-0.007	93	77313	5.00	5.19	
80 Epichlorohydrin	57	5.348	5.340	0.008	98	30754	100.0	106.9	
81 2-Nitropropane	41	5.577	5.577	0.000	95	7215	10.0	10.1	
82 Tetrachloroethene	166	5.749	5.749	0.000	98	20225	5.00	5.31	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 4-Methyl-2-pentanone (MIBK)	43	5.784	5.784	0.000	94	69786	25.0	26.7	
84 trans-1,3-Dichloropropene	75	5.820	5.820	0.000	97	25056	5.00	5.18	
85 1,1,2-Trichloroethane	83	5.999	5.999	0.000	95	13247	5.00	5.37	
86 Ethyl methacrylate	69	6.078	6.071	0.007	87	21824	5.00	5.20	
87 Chlorodibromomethane	129	6.200	6.200	0.000	98	17701	5.00	5.19	
88 1,3-Dichloropropane	76	6.315	6.314	0.001	92	27541	5.00	5.47	
89 Ethylene Dibromide	107	6.451	6.443	0.008	98	16240	5.00	5.15	
90 n-Butyl acetate	43	6.787	6.787	0.000	98	21247	5.00	5.28	
91 2-Hexanone	43	6.859	6.852	0.007	94	47461	25.0	27.4	
* 92 Chlorobenzene-d5	117	7.138	7.138	0.000	85	498534	50.0	50.0	
93 Chlorobenzene	112	7.160	7.160	0.000	96	50385	5.00	5.23	
94 Ethylbenzene	106	7.246	7.246	0.000	98	26960	5.00	5.31	
95 1,1,1,2-Tetrachloroethane	131	7.274	7.274	0.000	94	17307	5.00	5.17	
96 m-Xylene & p-Xylene	106	7.461	7.461	0.000	96	33268	5.00	5.30	
97 o-Xylene	106	8.055	8.055	0.000	94	32858	5.00	5.45	
98 Bromoform	173	8.120	8.120	0.000	97	11990	5.00	5.07	
99 Styrene	104	8.141	8.141	0.000	96	52948	5.00	5.23	
100 n-Butyl acrylate	73	8.463	8.463	0.000	98	11261	5.00	5.02	
101 Isopropylbenzene	105	8.542	8.542	0.000	95	82681	5.00	5.58	
102 Amyl acetate (mixed isomer)	43	8.886	8.879	0.007	92	24297	5.00	5.23	
\$ 103 4-Bromofluorobenzene	174	8.915	8.922	-0.007	94	174450	50.0	49.9	
104 Bromobenzene	156	9.029	9.029	0.000	93	24283	5.00	5.41	
105 N-Propylbenzene	91	9.180	9.180	0.000	99	95495	5.00	5.73	
106 1,1,2,2-Tetrachloroethane	83	9.323	9.323	0.000	98	21122	5.00	5.42	
107 2-Chlorotoluene	91	9.352	9.352	0.000	97	66081	5.00	5.33	
108 4-Ethyltoluene	105	9.366	9.366	0.000	98	78275	5.00	5.14	
109 1,2,3-Trichloropropane	110	9.459	9.459	0.000	96	6794	5.00	5.37	
110 1,3,5-Trimethylbenzene	105	9.524	9.523	0.001	93	70149	5.00	5.59	
111 trans-1,4-Dichloro-2-buten	53	9.595	9.588	0.007	90	5295	5.00	5.36	
112 4-Chlorotoluene	91	9.624	9.624	0.000	97	62483	5.00	5.42	
113 tert-Butylbenzene	119	9.996	9.996	0.000	95	58406	5.00	5.75	
114 Butyl Methacrylate	87	10.125	10.118	0.007	51	22309	5.00	5.20	
115 1,2,4-Trimethylbenzene	105	10.125	10.125	0.000	96	74104	5.00	5.63	
116 sec-Butylbenzene	105	10.290	10.283	0.007	99	83397	5.00	5.80	
117 1,3-Dichlorobenzene	146	10.555	10.548	0.007	97	42768	5.00	5.42	
118 4-Isopropyltoluene	119	10.562	10.562	0.000	97	72851	5.00	5.71	
* 119 1,4-Dichlorobenzene-d4	152	10.684	10.684	0.000	94	286356	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.706	10.705	0.001	95	45851	5.00	5.41	
138 1,2,3-Trimethylbenzene	105	10.813	10.813	0.000	0	72227	5.00	5.19	
121 2,3-Dihydroindene	117	10.992	10.992	0.000	94	73204	5.00	5.25	
122 Benzyl chloride	91	11.164	11.164	0.000	98	45768	5.00	4.98	
123 p-Diethylbenzene	119	11.178	11.171	0.007	94	37899	5.00	5.10	
124 n-Butylbenzene	91	11.250	11.250	0.000	98	60622	5.00	5.68	
125 1,2-Dichlorobenzene	146	11.357	11.357	0.000	97	41335	5.00	5.36	
126 1,2,4,5-Tetramethylbenzene	119	12.246	12.245	0.001	97	65798	5.00	5.16	
127 1,2-Dibromo-3-Chloropropan	157	12.396	12.396	0.000	92	4291	5.00	5.34	
128 1,3,5-Trichlorobenzene	180	12.439	12.439	0.000	97	28408	5.00	5.14	
129 1,2,4-Trichlorobenzene	180	13.105	13.105	0.000	94	27974	5.00	5.52	
130 Hexachlorobutadiene	225	13.119	13.119	0.000	97	11070	5.00	5.74	
131 Naphthalene	128	13.399	13.399	0.000	99	61087	5.00	4.93	
132 1,2,3-Trichlorobenzene	180	13.571	13.563	0.008	96	23844	5.00	5.15	
S 133 1,2-Dichloroethene, Total	100				0		10.0	10.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 134 1,3-Dichloropropene, Total	100				0		5.00	10.4	
S 135 Xylenes, Total	100				0		10.0	10.8	
S 137 Total BTEX	1				0		25.0	26.5	

Reagents:

MIX 1 Hi_00071	Amount Added: 1.00	Units: uL	
MIX 2 Hi_00054	Amount Added: 1.00	Units: uL	
GAS Hi_00196	Amount Added: 1.00	Units: uL	
ACROLEIN W_00063	Amount Added: 4.00	Units: uL	
8260ISNEW_00102	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00155	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS13\\20170414-53706.b\\P26305.D

Injection Date: 14-Apr-2017 02:57:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD5

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

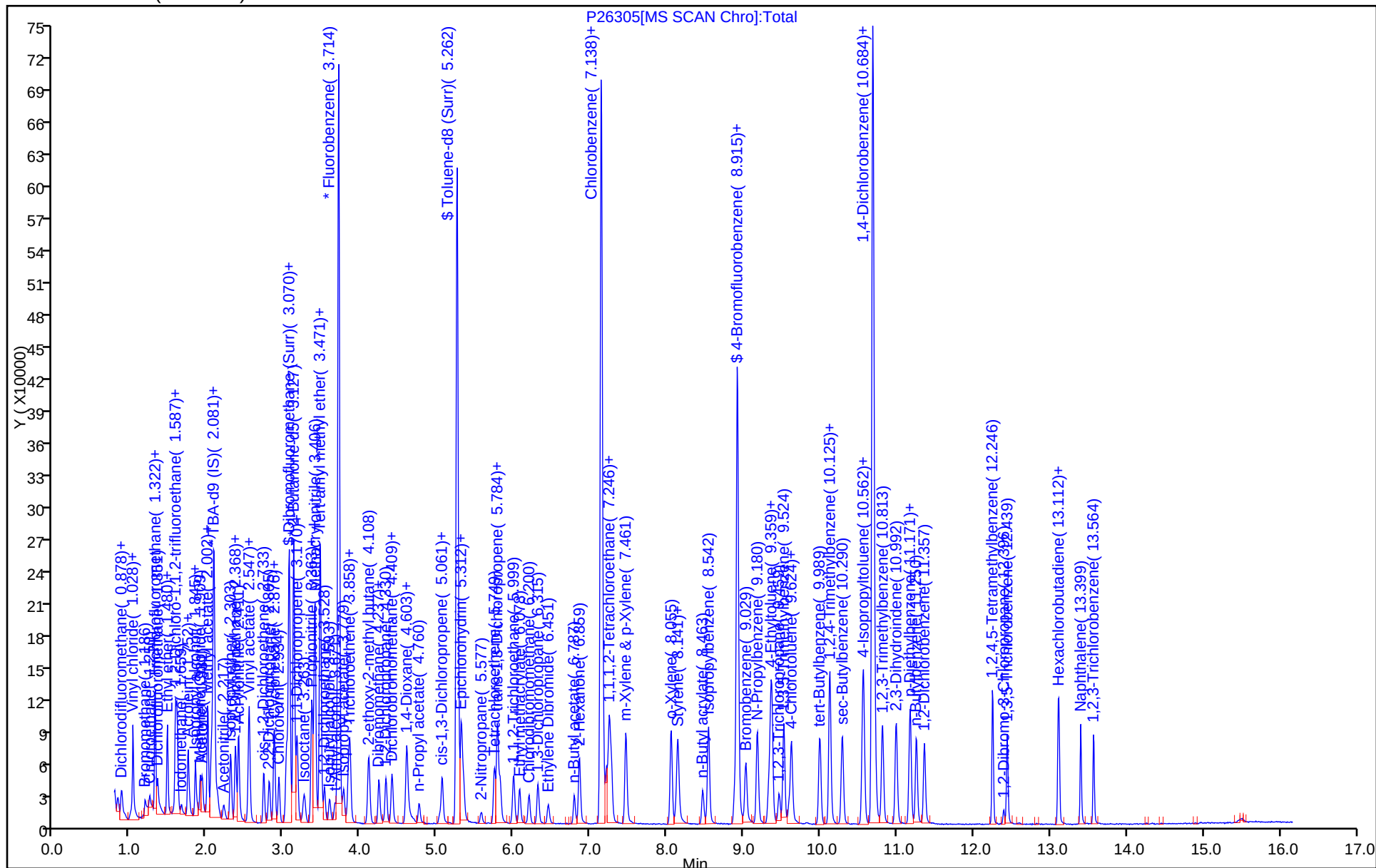
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26306.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 4
 Inject. Date: 14-Apr-2017 03:22:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0053706-006
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub51
 Method: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 22-May-2017 19:26:11 Calib Date: 14-Apr-2017 08:47:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: desais

Date: 14-Apr-2017 06:24:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.878	0.878	0.000	88	29713	20.0	18.8	
2 Dichlorodifluoromethane	85	0.885	0.885	0.000	99	81317	20.0	19.4	
5 Vinyl chloride	62	1.028	1.028	0.000	98	74467	20.0	18.6	
4 Chloromethane	50	1.028	1.028	0.000	98	92643	20.0	18.7	
3 Butadiene	54	1.028	1.028	0.000	97	61107	20.0	19.1	
6 Bromomethane	94	1.186	1.186	0.000	99	32098	20.0	20.3	
7 Chloroethane	64	1.250	1.250	0.000	99	44424	20.0	19.8	
8 Trichlorofluoromethane	101	1.322	1.322	0.000	76	89049	20.0	19.4	
9 Pentane	72	1.322	1.322	0.000	96	21021	40.0	35.3	
10 Dichlorofluoromethane	67	1.350	1.350	0.000	99	108360	20.0	19.8	
12 Ethyl ether	59	1.479	1.479	0.000	95	51775	20.0	18.3	
11 2-Methyl-1,3-butadiene	67	1.479	1.479	0.000	96	73633	20.0	21.4	
13 Ethanol	46	1.558	1.558	0.000	99	11305	800.0	741.6	
14 1,1-Dichloroethene	96	1.587	1.587	0.000	98	54509	20.0	18.4	
15 1,2-Dichloro-1,1,2-trifluo	67	1.587	1.587	0.000	83	62627	20.0	17.9	
16 Carbon disulfide	76	1.601	1.601	0.000	99	192302	20.0	17.3	
17 1,1,2-Trichloro-1,2,2-trif	101	1.608	1.608	0.000	98	48729	20.0	18.3	
18 Iodomethane	142	1.666	1.666	0.000	98	53117	20.0	12.7	
19 Cyclopentene	67	1.752	1.752	0.000	95	141498	20.0	18.7	
20 Acrolein	56	1.766	1.766	0.000	94	13871	40.0	34.7	
21 3-Chloro-1-propene	76	1.845	1.845	0.000	93	35101	20.0	18.5	
22 Isopropyl alcohol	45	1.866	1.866	0.000	98	33014	200.0	196.6	
23 Methylene Chloride	84	1.909	1.909	0.000	90	67175	20.0	18.4	
24 Acetone	43	1.931	1.931	0.000	87	84094	100.0	94.8	
25 trans-1,2-Dichloroethene	96	2.002	2.002	0.000	93	61661	20.0	18.5	
26 Methyl acetate	43	2.009	2.009	0.000	98	193795	100.0	98.3	
27 Hexane	57	2.052	2.052	0.000	86	101894	20.0	18.2	
28 Methyl tert-butyl ether	73	2.067	2.067	0.000	96	182576	20.0	19.1	
* 29 TBA-d9 (IS)	65	2.081	2.081	0.000	98	262331	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.131	2.131	0.000	99	56749	200.0	191.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.210	2.210	0.000	99	64363	200.0	197.3	
32 Isopropyl ether	45	2.303	2.303	0.000	95	176507	20.0	19.1	
33 2-Chloro-1,3-butadiene	88	2.368	2.368	0.000	90	53332	20.0	19.3	
34 1,1-Dichloroethane	63	2.375	2.375	0.000	100	103069	20.0	18.7	
35 Acrylonitrile	53	2.403	2.403	0.000	93	215091	200.0	196.4	
36 Tert-butyl ethyl ether	59	2.540	2.540	0.000	89	187050	20.0	19.2	
37 Vinyl acetate	43	2.547	2.547	0.000	99	262795	40.0	40.2	
38 cis-1,2-Dichloroethene	96	2.740	2.740	0.000	99	69191	20.0	18.3	
39 2,2-Dichloropropane	77	2.812	2.812	0.000	97	88073	20.0	18.1	
41 Chlorobromomethane	128	2.876	2.876	0.000	87	33977	20.0	18.2	
40 Cyclohexane	56	2.876	2.876	0.000	88	79988	20.0	18.3	
42 Chloroform	83	2.933	2.933	0.000	100	104140	20.0	19.1	
43 Carbon tetrachloride	117	3.027	3.027	0.000	99	71193	20.0	18.0	
45 Methyl acrylate	55	3.034	3.034	0.000	97	50071	20.0	19.4	
44 Ethyl acetate	70	3.034	3.034	0.000	99	13729	40.0	38.0	
46 Tetrahydrofuran	42	3.048	3.048	0.000	94	40078	40.0	37.0	
\$ 47 Dibromofluoromethane (Surr	113	3.070	3.070	0.000	98	115352	50.0	48.9	
48 1,1,1-Trichloroethane	97	3.077	3.077	0.000	98	88147	20.0	18.3	
* 49 2-Butanone-d5	46	3.127	3.127	0.000	99	283082	250.0	250.0	
50 2-Butanone (MEK)	72	3.163	3.163	0.000	99	39148	100.0	88.3	
51 1,1-Dichloropropene	75	3.177	3.177	0.000	98	77448	20.0	17.3	
52 Isooctane	57	3.263	3.263	0.000	99	126585	20.0	18.9	
53 n-Heptane	57	3.356	3.356	0.000	86	27822	20.0	17.1	
54 Benzene	78	3.363	3.363	0.000	96	249882	20.0	18.9	
55 Propionitrile	54	3.385	3.385	0.000	99	75640	200.0	190.9	
56 Methacrylonitrile	67	3.406	3.406	0.000	91	248049	200.0	195.5	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.471	3.471	0.000	96	128352	50.0	48.6	
58 Tert-amyl methyl ether	73	3.478	3.478	0.000	99	178094	20.0	19.2	
59 1,2-Dichloroethane	62	3.528	3.528	0.000	97	77985	20.0	18.3	
60 Isobutyl alcohol	43	3.592	3.592	0.000	97	50472	500.0	461.6	
61 t-Amyl alcohol	59	3.664	3.664	0.000	89	41677	200.0	177.7	
* 62 Fluorobenzene	96	3.714	3.714	0.000	99	652753	50.0	50.0	
63 Isopropyl acetate	43	3.779	3.779	0.000	99	98712	20.0	18.9	
64 Methylcyclohexane	83	3.843	3.843	0.000	93	80234	20.0	18.6	
65 Trichloroethene	130	3.865	3.865	0.000	97	66810	20.0	18.2	
66 2-ethoxy-2-methyl butane	59	4.108	4.108	0.000	94	146797	20.0	19.2	
68 n-Butanol	56	4.230	4.230	0.000	85	32376	500.0	462.9	
67 Dibromomethane	93	4.237	4.237	0.000	93	39788	20.0	18.6	
69 1,2-Dichloropropane	63	4.330	4.330	0.000	92	60237	20.0	18.4	
70 Ethyl acrylate	55	4.402	4.402	0.000	98	70379	20.0	19.3	
71 Dichlorobromomethane	83	4.409	4.409	0.000	99	79279	20.0	19.0	
* 72 1,4-Dioxane-d8	96	4.595	4.595	0.000	94	31348	1000.0	1000.0	
73 Methyl methacrylate	100	4.602	4.602	0.000	86	35799	40.0	38.5	
74 1,4-Dioxane	88	4.624	4.624	0.000	93	14082	400.0	390.5	
75 n-Propyl acetate	43	4.760	4.760	0.000	97	74495	20.0	19.3	
76 2-Chloroethyl vinyl ether	63	5.032	5.032	0.000	95	18505	20.0	18.4	
77 cis-1,3-Dichloropropene	75	5.061	5.061	0.000	91	102322	20.0	19.1	
\$ 78 Toluene-d8 (Surr)	98	5.261	5.261	0.000	99	497906	50.0	49.4	
79 Toluene	91	5.319	5.319	0.000	93	277535	20.0	18.3	
80 Epichlorohydrin	57	5.340	5.340	0.000	99	114045	400.0	389.6	
81 2-Nitropropane	41	5.577	5.577	0.000	98	27988	40.0	38.7	
82 Tetrachloroethene	166	5.749	5.749	0.000	97	69407	20.0	17.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 4-Methyl-2-pentanone (MIBK)	43	5.784	5.784	0.000	95	252072	100.0	94.6	
84 trans-1,3-Dichloropropene	75	5.820	5.820	0.000	93	93540	20.0	19.0	
85 1,1,2-Trichloroethane	83	5.999	5.999	0.000	96	47842	20.0	19.1	
86 Ethyl methacrylate	69	6.071	6.071	0.000	87	80685	20.0	18.9	
87 Chlorodibromomethane	129	6.200	6.200	0.000	98	65277	20.0	18.8	
88 1,3-Dichloropropane	76	6.314	6.314	0.000	92	97237	20.0	19.0	
89 Ethylene Dibromide	107	6.443	6.443	0.000	98	61087	20.0	19.1	
90 n-Butyl acetate	43	6.787	6.787	0.000	99	76634	20.0	18.7	
91 2-Hexanone	43	6.852	6.852	0.000	94	180175	100.0	102.4	
* 92 Chlorobenzene-d5	117	7.138	7.138	0.000	85	506623	50.0	50.0	
93 Chlorobenzene	112	7.160	7.160	0.000	95	183130	20.0	18.7	
94 Ethylbenzene	106	7.246	7.246	0.000	98	95306	20.0	18.5	
95 1,1,1,2-Tetrachloroethane	131	7.274	7.274	0.000	95	62821	20.0	18.5	
96 m-Xylene & p-Xylene	106	7.461	7.461	0.000	96	119504	20.0	18.7	
97 o-Xylene	106	8.055	8.055	0.000	94	115066	20.0	18.8	
98 Bromoform	173	8.120	8.120	0.000	97	45219	20.0	18.8	
99 Styrene	104	8.141	8.141	0.000	96	199164	20.0	19.4	
100 n-Butyl acrylate	73	8.463	8.463	0.000	97	43436	20.0	19.1	
101 Isopropylbenzene	105	8.542	8.542	0.000	95	291376	20.0	19.4	
102 Amyl acetate (mixed isomer)	43	8.879	8.879	0.000	91	92030	20.0	19.4	
\$ 103 4-Bromofluorobenzene	174	8.922	8.922	0.000	94	174628	50.0	49.1	
104 Bromobenzene	156	9.029	9.029	0.000	94	85626	20.0	18.7	
105 N-Propylbenzene	91	9.180	9.180	0.000	99	330428	20.0	19.4	
106 1,1,2,2-Tetrachloroethane	83	9.323	9.323	0.000	98	74985	20.0	18.9	
107 2-Chlorotoluene	91	9.352	9.352	0.000	97	242031	20.0	19.2	
108 4-Ethyltoluene	105	9.366	9.366	0.000	98	294974	20.0	19.0	
109 1,2,3-Trichloropropane	110	9.459	9.459	0.000	97	23452	20.0	18.2	
110 1,3,5-Trimethylbenzene	105	9.523	9.523	0.000	93	250753	20.0	19.6	
111 trans-1,4-Dichloro-2-buten	53	9.588	9.588	0.000	93	19533	20.0	19.4	
112 4-Chlorotoluene	91	9.624	9.624	0.000	97	226708	20.0	19.3	
113 tert-Butylbenzene	119	9.996	9.996	0.000	95	201981	20.0	19.5	
114 Butyl Methacrylate	87	10.118	10.118	0.000	92	84209	20.0	19.3	
115 1,2,4-Trimethylbenzene	105	10.125	10.125	0.000	96	261444	20.0	19.5	
116 sec-Butylbenzene	105	10.283	10.283	0.000	99	284544	20.0	19.4	
117 1,3-Dichlorobenzene	146	10.548	10.548	0.000	97	156685	20.0	19.5	
118 4-Isopropyltoluene	119	10.562	10.562	0.000	98	255158	20.0	19.6	
* 119 1,4-Dichlorobenzene-d4	152	10.684	10.684	0.000	94	291784	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.705	10.705	0.000	96	163056	20.0	18.9	
138 1,2,3-Trimethylbenzene	105	10.813	10.813	0.000	0	271885	20.0	19.2	
121 2,3-Dihydroindene	117	10.992	10.992	0.000	94	276824	20.0	19.5	
122 Benzyl chloride	91	11.164	11.164	0.000	98	178726	20.0	19.1	
123 p-Diethylbenzene	119	11.171	11.171	0.000	94	143980	20.0	19.0	
124 n-Butylbenzene	91	11.250	11.250	0.000	98	212417	20.0	19.5	
125 1,2-Dichlorobenzene	146	11.357	11.357	0.000	98	152583	20.0	19.4	
126 1,2,4,5-Tetramethylbenzene	119	12.245	12.245	0.000	97	254038	20.0	19.6	
127 1,2-Dibromo-3-Chloropropan	157	12.396	12.396	0.000	93	15642	20.0	19.1	
128 1,3,5-Trichlorobenzene	180	12.439	12.439	0.000	98	106746	20.0	18.9	
129 1,2,4-Trichlorobenzene	180	13.105	13.105	0.000	94	102018	20.0	19.7	
130 Hexachlorobutadiene	225	13.119	13.119	0.000	97	36252	20.0	18.4	
131 Naphthalene	128	13.399	13.399	0.000	99	231163	20.0	18.3	
132 1,2,3-Trichlorobenzene	180	13.563	13.563	0.000	96	89372	20.0	18.9	
S 133 1,2-Dichloroethene, Total	100				0		40.0	36.7	

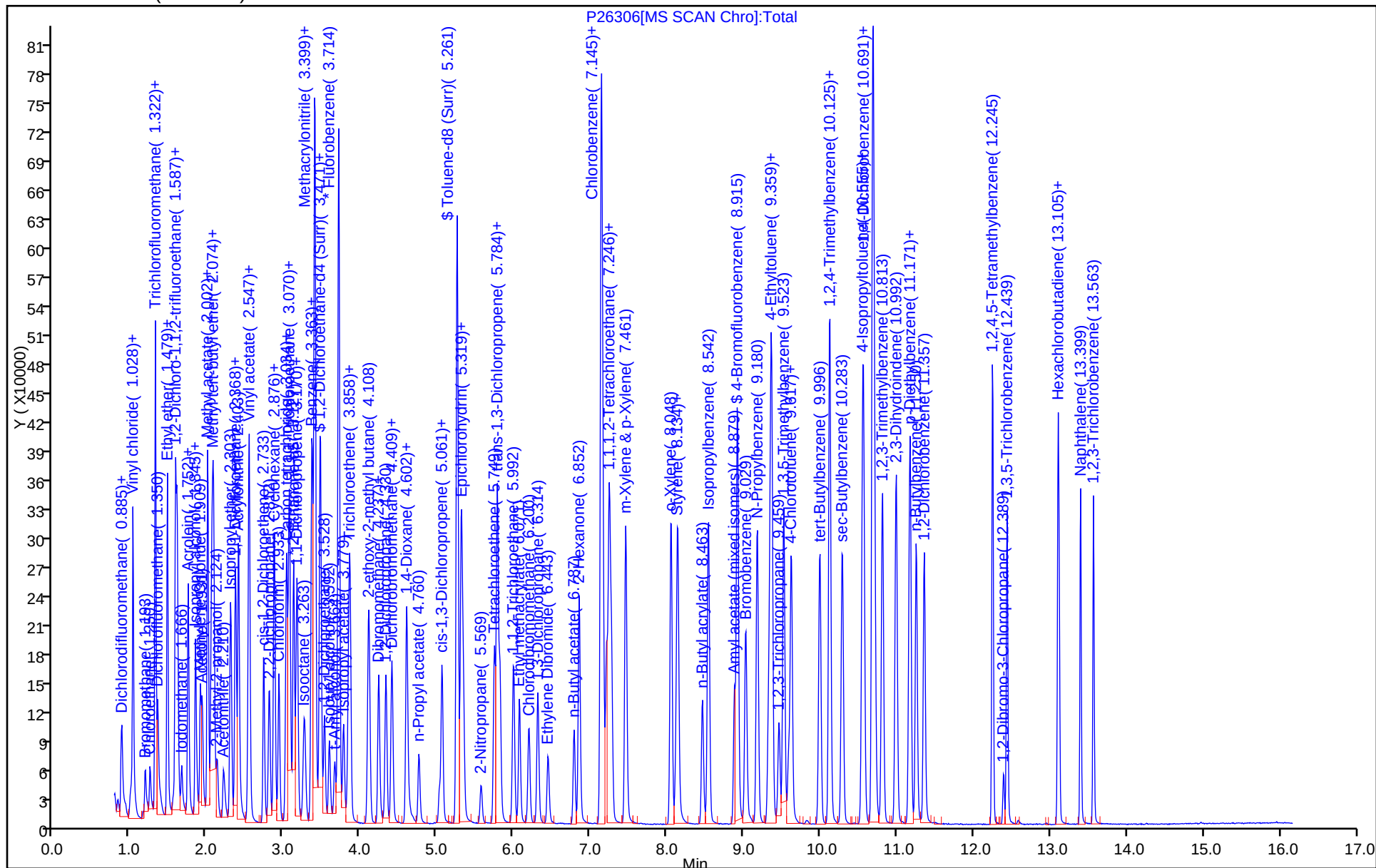
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 134 1,3-Dichloropropene, Total	100				0		20.0	38.1	
S 135 Xylenes, Total	100				0		40.0	37.5	
S 137 Total BTEX	1				0		100.0	93.2	

Reagents:

MIX 1 Hi_00071	Amount Added: 2.00	Units: uL	
MIX 2 Hi_00054	Amount Added: 2.00	Units: uL	
GAS Hi_00196	Amount Added: 2.00	Units: uL	
ACROLEIN W_00063	Amount Added: 4.00	Units: uL	
8260ISNEW_00102	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00155	Amount Added: 1.00	Units: uL	Run Reagent

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26307.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 14-Apr-2017 03:48:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0053706-007
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub51
 Method: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 22-May-2017 19:26:18 Calib Date: 14-Apr-2017 08:47:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: desais

Date: 14-Apr-2017 06:42:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.878	0.878	0.000	88	78051	50.0	49.1	
2 Dichlorodifluoromethane	85	0.885	0.885	0.000	99	198148	50.0	46.9	
3 Butadiene	54	1.028	1.028	0.000	97	149747	50.0	46.4	
4 Chloromethane	50	1.028	1.028	0.000	92	223050	50.0	44.6	
5 Vinyl chloride	62	1.028	1.028	0.000	98	182565	50.0	45.1	
6 Bromomethane	94	1.186	1.186	0.000	99	83136	50.0	52.4	
7 Chloroethane	64	1.250	1.250	0.000	99	106587	50.0	47.0	
9 Pentane	72	1.322	1.322	0.000	96	56172	100.0	93.2	
8 Trichlorofluoromethane	101	1.322	1.322	0.000	63	217431	50.0	47.1	
10 Dichlorofluoromethane	67	1.350	1.350	0.000	99	265674	50.0	48.3	
11 2-Methyl-1,3-butadiene	67	1.479	1.479	0.000	96	205490	50.0	59.3	
12 Ethyl ether	59	1.479	1.479	0.000	96	129534	50.0	45.5	
13 Ethanol	46	1.558	1.558	0.000	100	30445	2000.0	1978.4	
15 1,2-Dichloro-1,1,2-trifluo	67	1.587	1.587	0.000	85	166563	50.0	47.4	
14 1,1-Dichloroethene	96	1.587	1.587	0.000	98	140326	50.0	47.0	
16 Carbon disulfide	76	1.608	1.601	0.007	99	502790	50.0	45.0	
17 1,1,2-Trichloro-1,2,2-trif	101	1.608	1.608	0.000	95	134086	50.0	50.0	
18 Iodomethane	142	1.666	1.666	0.000	97	159253	50.0	38.1	
19 Cyclopentene	67	1.752	1.752	0.000	96	380778	50.0	49.8	
20 Acrolein	56	1.766	1.766	0.000	95	41099	100.0	102.2	
21 3-Chloro-1-propene	76	1.845	1.845	0.000	93	90936	50.0	47.6	
22 Isopropyl alcohol	45	1.866	1.866	0.000	97	82387	500.0	489.5	
23 Methylene Chloride	84	1.909	1.909	0.000	89	167138	50.0	45.5	
24 Acetone	43	1.931	1.931	0.000	87	176528	250.0	199.2	
25 trans-1,2-Dichloroethene	96	2.002	2.002	0.000	95	157757	50.0	46.9	
26 Methyl acetate	43	2.009	2.009	0.000	98	478187	250.0	240.8	
27 Hexane	57	2.060	2.052	0.008	89	280656	50.0	49.7	
28 Methyl tert-butyl ether	73	2.067	2.067	0.000	94	456654	50.0	47.3	
* 29 TBA-d9 (IS)	65	2.081	2.081	0.000	98	265744	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.131	2.131	0.000	99	141444	500.0	477.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.210	2.210	0.000	99	162803	500.0	492.7	
32 Isopropyl ether	45	2.303	2.303	0.000	95	452221	50.0	48.5	
33 2-Chloro-1,3-butadiene	88	2.360	2.368	-0.008	91	141322	50.0	50.7	
34 1,1-Dichloroethane	63	2.375	2.375	0.000	100	259594	50.0	46.8	
35 Acrylonitrile	53	2.411	2.403	0.008	93	544869	500.0	493.8	
36 Tert-butyl ethyl ether	59	2.540	2.540	0.000	89	483136	50.0	49.3	
37 Vinyl acetate	43	2.547	2.547	0.000	99	658856	100.0	100.0	
38 cis-1,2-Dichloroethene	96	2.733	2.740	-0.007	99	173093	50.0	45.4	
39 2,2-Dichloropropane	77	2.805	2.812	-0.007	96	226864	50.0	46.2	
40 Cyclohexane	56	2.876	2.876	0.000	88	220883	50.0	50.0	
41 Chlorobromomethane	128	2.876	2.876	0.000	88	89066	50.0	47.4	
42 Chloroform	83	2.933	2.933	0.000	100	263069	50.0	47.8	
43 Carbon tetrachloride	117	3.027	3.027	0.000	99	190245	50.0	47.9	
44 Ethyl acetate	70	3.034	3.034	0.000	99	34879	100.0	95.9	
45 Methyl acrylate	55	3.034	3.034	0.000	98	131425	50.0	50.6	
46 Tetrahydrofuran	42	3.041	3.048	-0.007	94	102664	100.0	94.5	
\$ 47 Dibromofluoromethane (Surr	113	3.070	3.070	0.000	98	119416	50.0	50.3	
48 1,1,1-Trichloroethane	97	3.077	3.077	0.000	97	227782	50.0	47.1	
* 49 2-Butanone-d5	46	3.127	3.127	0.000	98	284284	250.0	250.0	
50 2-Butanone (MEK)	72	3.163	3.163	0.000	99	95457	250.0	214.4	
51 1,1-Dichloropropene	75	3.177	3.177	0.000	97	201341	50.0	44.5	
52 Isooctane	57	3.270	3.263	0.007	99	345940	50.0	51.2	
53 n-Heptane	57	3.356	3.356	0.000	90	81161	50.0	49.5	
54 Benzene	78	3.363	3.363	0.000	96	632528	50.0	47.5	
55 Propionitrile	54	3.385	3.385	0.000	99	196733	500.0	490.1	
56 Methacrylonitrile	67	3.406	3.406	0.000	90	646783	500.0	506.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.471	3.471	0.000	96	131099	50.0	49.2	
58 Tert-amyl methyl ether	73	3.478	3.478	0.000	99	454051	50.0	48.7	
59 1,2-Dichloroethane	62	3.528	3.528	0.000	98	194052	50.0	45.2	
60 Isobutyl alcohol	43	3.592	3.592	0.000	96	133924	1250.0	1209.0	
61 t-Amyl alcohol	59	3.664	3.664	0.000	90	110075	500.0	465.9	
* 62 Fluorobenzene	96	3.714	3.714	0.000	99	657675	50.0	50.0	
63 Isopropyl acetate	43	3.779	3.779	0.000	99	259750	50.0	49.4	
64 Methylcyclohexane	83	3.843	3.843	0.000	93	228061	50.0	52.6	
65 Trichloroethene	130	3.865	3.865	0.000	97	173948	50.0	47.1	
66 2-ethoxy-2-methyl butane	59	4.108	4.108	0.000	94	376727	50.0	48.9	
68 n-Butanol	56	4.230	4.230	0.000	84	91767	1250.0	1295.2	
67 Dibromomethane	93	4.237	4.237	0.000	93	100740	50.0	46.7	
69 1,2-Dichloropropane	63	4.330	4.330	0.000	91	152719	50.0	46.3	
70 Ethyl acrylate	55	4.402	4.402	0.000	98	187455	50.0	51.0	
71 Dichlorobromomethane	83	4.409	4.409	0.000	99	202859	50.0	48.2	
* 72 1,4-Dioxane-d8	96	4.595	4.595	0.000	67	31965	1000.0	1000.0	
73 Methyl methacrylate	100	4.602	4.602	0.000	84	96105	100.0	102.6	
74 1,4-Dioxane	88	4.624	4.624	0.000	91	36213	1000.0	984.8	
75 n-Propyl acetate	43	4.760	4.760	0.000	97	189940	50.0	48.8	
76 2-Chloroethyl vinyl ether	63	5.025	5.032	-0.007	96	53427	50.0	50.8	
77 cis-1,3-Dichloropropene	75	5.061	5.061	0.000	91	262194	50.0	48.3	
\$ 78 Toluene-d8 (Surr)	98	5.261	5.261	0.000	99	511089	50.0	50.2	
79 Toluene	91	5.319	5.319	0.000	93	706977	50.0	46.2	
80 Epichlorohydrin	57	5.340	5.340	0.000	99	295684	1000.0	1005.9	
81 2-Nitropropane	41	5.569	5.577	-0.008	98	70705	100.0	97.0	
82 Tetrachloroethene	166	5.749	5.749	0.000	97	184017	50.0	47.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 4-Methyl-2-pentanone (MIBK)	43	5.784	5.784	0.000	95	646905	250.0	241.9	
84 trans-1,3-Dichloropropene	75	5.820	5.820	0.000	93	242498	50.0	48.8	
85 1,1,2-Trichloroethane	83	5.999	5.999	0.000	96	120742	50.0	47.7	
86 Ethyl methacrylate	69	6.071	6.071	0.000	87	210398	50.0	48.9	
87 Chlorodibromomethane	129	6.200	6.200	0.000	98	174777	50.0	49.9	
88 1,3-Dichloropropane	76	6.314	6.314	0.000	92	250236	50.0	48.4	
89 Ethylene Dibromide	107	6.443	6.443	0.000	99	157990	50.0	48.9	
90 n-Butyl acetate	43	6.787	6.787	0.000	98	204620	50.0	49.5	
91 2-Hexanone	43	6.852	6.852	0.000	94	453286	250.0	256.5	
* 92 Chlorobenzene-d5	117	7.138	7.138	0.000	85	511671	50.0	50.0	
93 Chlorobenzene	112	7.160	7.160	0.000	95	464855	50.0	47.0	
94 Ethylbenzene	106	7.246	7.246	0.000	98	248776	50.0	47.7	
95 1,1,1,2-Tetrachloroethane	131	7.274	7.274	0.000	96	162751	50.0	47.4	
96 m-Xylene & p-Xylene	106	7.461	7.461	0.000	96	305550	50.0	47.4	
97 o-Xylene	106	8.048	8.055	-0.007	94	297634	50.0	48.1	
98 Bromoform	173	8.120	8.120	0.000	96	122957	50.0	50.6	
99 Styrene	104	8.141	8.141	0.000	97	516522	50.0	49.7	
100 n-Butyl acrylate	73	8.463	8.463	0.000	97	116677	50.0	50.7	
101 Isopropylbenzene	105	8.542	8.542	0.000	95	756889	50.0	49.8	
102 Amyl acetate (mixed isomer)	43	8.879	8.879	0.000	92	244291	50.0	50.6	
\$ 103 4-Bromofluorobenzene	174	8.915	8.922	-0.007	93	180058	50.0	50.1	
104 Bromobenzene	156	9.029	9.029	0.000	93	223297	50.0	47.9	
105 N-Propylbenzene	91	9.180	9.180	0.000	100	871633	50.0	50.3	
106 1,1,2,2-Tetrachloroethane	83	9.323	9.323	0.000	98	192387	50.0	47.5	
107 2-Chlorotoluene	91	9.352	9.352	0.000	97	619607	50.0	48.1	
108 4-Ethyltoluene	105	9.366	9.366	0.000	98	784162	50.0	49.6	
109 1,2,3-Trichloropropane	110	9.459	9.459	0.000	97	61059	50.0	46.4	
110 1,3,5-Trimethylbenzene	105	9.523	9.523	0.000	93	651162	50.0	49.9	
111 trans-1,4-Dichloro-2-buten	53	9.581	9.588	-0.007	95	51712	50.0	50.4	
112 4-Chlorotoluene	91	9.617	9.624	-0.007	97	587153	50.0	49.0	
113 tert-Butylbenzene	119	9.996	9.996	0.000	95	536371	50.0	50.8	
114 Butyl Methacrylate	87	10.118	10.118	0.000	86	227535	50.0	51.0	
115 1,2,4-Trimethylbenzene	105	10.125	10.125	0.000	97	677959	50.0	49.5	
116 sec-Butylbenzene	105	10.290	10.283	0.007	99	759624	50.0	50.8	
117 1,3-Dichlorobenzene	146	10.548	10.548	0.000	97	406051	50.0	49.5	
118 4-Isopropyltoluene	119	10.562	10.562	0.000	98	681383	50.0	51.3	
* 119 1,4-Dichlorobenzene-d4	152	10.684	10.684	0.000	94	297743	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.705	10.705	0.000	96	417725	50.0	47.4	
138 1,2,3-Trimethylbenzene	105	10.813	10.813	0.000	0	707658	50.0	48.9	
121 2,3-Dihydroindene	117	10.992	10.992	0.000	94	716467	50.0	49.4	
122 Benzyl chloride	91	11.157	11.164	-0.007	98	497035	50.0	52.1	
123 p-Diethylbenzene	119	11.171	11.171	0.000	95	385843	50.0	49.9	
124 n-Butylbenzene	91	11.250	11.250	0.000	98	565266	50.0	51.0	
125 1,2-Dichlorobenzene	146	11.357	11.357	0.000	97	395912	50.0	49.4	
126 1,2,4,5-Tetramethylbenzene	119	12.245	12.245	0.000	97	661411	50.0	49.9	
127 1,2-Dibromo-3-Chloropropan	157	12.396	12.396	0.000	92	42290	50.0	50.6	
128 1,3,5-Trichlorobenzene	180	12.439	12.439	0.000	98	281841	50.0	49.0	
129 1,2,4-Trichlorobenzene	180	13.098	13.105	-0.007	94	268660	50.0	51.0	
130 Hexachlorobutadiene	225	13.119	13.119	0.000	97	98088	50.0	48.9	
131 Naphthalene	128	13.399	13.399	0.000	99	612435	50.0	47.6	
132 1,2,3-Trichlorobenzene	180	13.563	13.563	0.000	96	234866	50.0	48.8	
S 133 1,2-Dichloroethene, Total	100				0		100.0	92.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 134 1,3-Dichloropropene, Total	100				0		50.0	97.2	
S 135 Xylenes, Total	100				0		100.0	95.5	
S 137 Total BTEX	1				0		250.0	236.9	

Reagents:

MIX 1 Hi_00071	Amount Added: 5.00	Units: uL	
MIX 2 Hi_00054	Amount Added: 5.00	Units: uL	
GAS Hi_00196	Amount Added: 5.00	Units: uL	
ACROLEIN W_00063	Amount Added: 10.00	Units: uL	
8260ISNEW_00102	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00155	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS13\\20170414-53706.b\\P26307.D

Injection Date: 14-Apr-2017 03:48:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD50

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

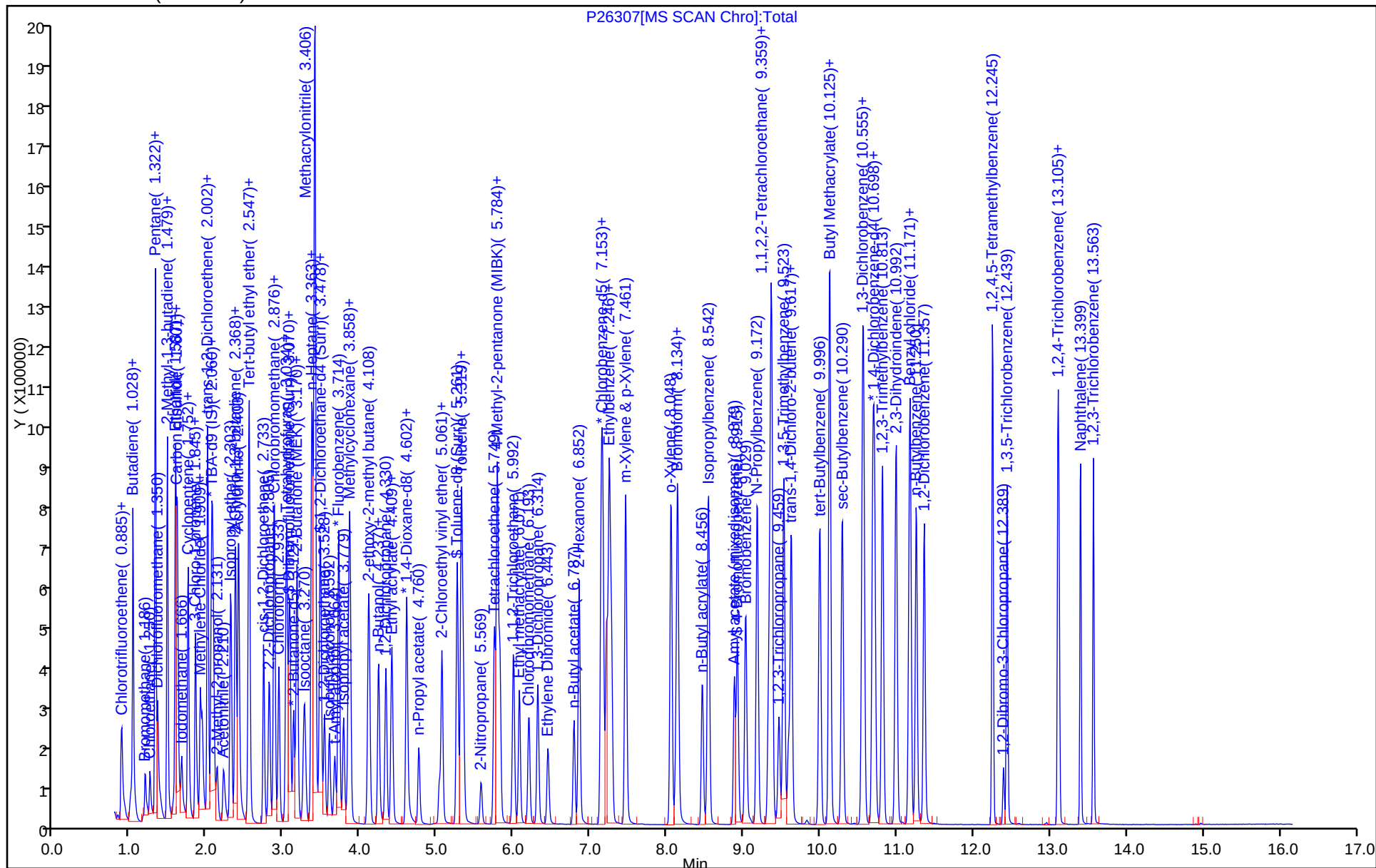
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26308.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 14-Apr-2017 04:13:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0053706-008
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub51
 Method: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 22-May-2017 19:26:23 Calib Date: 14-Apr-2017 08:47:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: desais

Date: 14-Apr-2017 06:42:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.878	0.878	0.000	87	353490	200.0	211.4	
2 Dichlorodifluoromethane	85	0.885	0.885	0.000	100	853366	200.0	191.8	
5 Vinyl chloride	62	1.028	1.028	0.000	99	789086	200.0	185.4	
4 Chloromethane	50	1.035	1.028	0.007	99	985008	200.0	187.1	
3 Butadiene	54	1.035	1.028	0.007	96	672471	200.0	197.9	
6 Bromomethane	94	1.186	1.186	0.000	99	397757	200.0	243.9	
7 Chloroethane	64	1.250	1.250	0.000	99	432360	200.0	189.7	
8 Trichlorofluoromethane	101	1.322	1.322	0.000	100	942828	200.0	194.1	
9 Pentane	72	1.322	1.322	0.000	96	220099	400.0	363.3	
10 Dichlorofluoromethane	67	1.350	1.350	0.000	99	1141904	200.0	197.3	
12 Ethyl ether	59	1.479	1.479	0.000	95	556557	200.0	186.0	
11 2-Methyl-1,3-butadiene	67	1.472	1.479	-0.007	96	830085	200.0	227.5	
13 Ethanol	46	1.565	1.558	0.007	99	121796	8000.0	8017.0	
14 1,1-Dichloroethene	96	1.587	1.587	0.000	97	629190	200.0	200.3	
15 1,2-Dichloro-1,1,2-trifluo	67	1.587	1.587	0.000	89	726947	200.0	196.4	
16 Carbon disulfide	76	1.608	1.601	0.007	99	2244352	200.0	190.9	
17 1,1,2-Trichloro-1,2,2-trif	101	1.608	1.608	0.000	95	611059	200.0	216.4	
18 Iodomethane	142	1.666	1.666	0.000	98	854069	200.0	206.5	
19 Cyclopentene	67	1.751	1.752	-0.001	96	1520475	200.0	189.0	
20 Acrolein	56	1.766	1.766	0.000	94	84940	200.0	200.6	
21 3-Chloro-1-propene	76	1.845	1.845	0.000	93	382493	200.0	190.4	
22 Isopropyl alcohol	45	1.866	1.866	0.000	97	341411	2000.0	2030.5	
23 Methylene Chloride	84	1.909	1.909	0.000	89	725694	200.0	187.9	
24 Acetone	43	1.938	1.931	0.007	88	893180	1000.0	1021.4	
25 trans-1,2-Dichloroethene	96	2.002	2.002	0.000	94	679536	200.0	191.9	
26 Methyl acetate	43	2.009	2.009	0.000	98	2016559	1000.0	964.7	
27 Hexane	57	2.059	2.052	0.007	89	1271907	200.0	214.2	
28 Methyl tert-butyl ether	73	2.067	2.067	0.000	95	1939010	200.0	191.0	
* 29 TBA-d9 (IS)	65	2.088	2.081	0.007	97	266980	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.131	2.131	0.000	99	591233	2000.0	2001.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.217	2.210	0.007	99	689796	2000.0	2077.9	
32 Isopropyl ether	45	2.310	2.303	0.007	95	1934239	200.0	197.1	
33 2-Chloro-1,3-butadiene	88	2.360	2.368	-0.008	91	586749	200.0	199.8	
34 1,1-Dichloroethane	63	2.375	2.375	0.000	100	1150962	200.0	197.1	
35 Acrylonitrile	53	2.410	2.403	0.007	92	2280389	2000.0	1963.9	
36 Tert-butyl ethyl ether	59	2.547	2.540	0.007	89	2065938	200.0	200.5	
37 Vinyl acetate	43	2.547	2.547	0.000	99	2877045	400.0	414.9	
38 cis-1,2-Dichloroethene	96	2.733	2.740	-0.007	100	769762	200.0	191.7	
39 2,2-Dichloropropane	77	2.804	2.812	-0.008	97	1023003	200.0	198.0	
41 Chlorobromomethane	128	2.876	2.876	0.000	81	378210	200.0	191.4	
40 Cyclohexane	56	2.876	2.876	0.000	89	1033561	200.0	222.4	
42 Chloroform	83	2.933	2.933	0.000	99	1141619	200.0	197.0	
43 Carbon tetrachloride	117	3.026	3.027	-0.001	99	884247	200.0	211.4	
45 Methyl acrylate	55	3.034	3.034	0.000	86	571026	200.0	208.8	
44 Ethyl acetate	70	3.034	3.034	0.000	98	152140	400.0	401.6	
46 Tetrahydrofuran	42	3.041	3.048	-0.007	94	449115	400.0	401.9	
\$ 47 Dibromofluoromethane (Surr	113	3.069	3.070	-0.001	98	123141	50.0	49.3	
48 1,1,1-Trichloroethane	97	3.077	3.077	0.000	98	1028710	200.0	201.9	
* 49 2-Butanone-d5	46	3.127	3.127	0.000	97	292357	250.0	250.0	
50 2-Butanone (MEK)	72	3.163	3.163	0.000	98	443995	1000.0	969.9	
51 1,1-Dichloropropene	75	3.177	3.177	0.000	97	912320	200.0	191.7	
52 Isooctane	57	3.270	3.263	0.007	99	1373987	200.0	193.3	
53 n-Heptane	57	3.363	3.356	0.007	88	401235	200.0	232.6	
54 Benzene	78	3.370	3.363	0.007	96	2803079	200.0	198.9	
55 Propionitrile	54	3.399	3.385	0.014	93	865215	2000.0	2145.3	
56 Methacrylonitrile	67	3.413	3.406	0.007	90	2759615	2000.0	2051.5	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.478	3.471	0.007	96	132653	50.0	47.3	
58 Tert-amyl methyl ether	73	3.478	3.478	0.000	99	1980907	200.0	201.8	
59 1,2-Dichloroethane	62	3.528	3.528	0.000	98	854434	200.0	189.0	
60 Isobutyl alcohol	43	3.600	3.592	0.008	97	606440	5000.0	5449.2	
61 t-Amyl alcohol	59	3.664	3.664	0.000	89	462482	2000.0	1859.9	
* 62 Fluorobenzene	96	3.714	3.714	0.000	99	692143	50.0	50.0	
63 Isopropyl acetate	43	3.779	3.779	0.000	99	1105480	200.0	199.6	
64 Methylcyclohexane	83	3.850	3.843	0.007	95	1087079	200.0	238.2	
65 Trichloroethene	130	3.865	3.865	0.000	97	784388	200.0	201.7	
66 2-ethoxy-2-methyl butane	59	4.108	4.108	0.000	94	1615256	200.0	199.3	
68 n-Butanol	56	4.237	4.230	0.007	61	411120	5000.0	5775.5	
67 Dibromomethane	93	4.237	4.237	0.000	92	450734	200.0	198.7	
69 1,2-Dichloropropane	63	4.330	4.330	0.000	93	692906	200.0	199.4	
70 Ethyl acrylate	55	4.402	4.402	0.000	99	831368	200.0	214.8	
71 Dichlorobromomethane	83	4.409	4.409	0.000	98	919743	200.0	207.8	
* 72 1,4-Dioxane-d8	96	4.595	4.595	0.000	93	33597	1000.0	1000.0	
73 Methyl methacrylate	100	4.602	4.602	0.000	87	418459	400.0	424.4	
74 1,4-Dioxane	88	4.624	4.624	0.000	94	152891	4000.0	3955.8	
75 n-Propyl acetate	43	4.760	4.760	0.000	97	828006	200.0	202.2	
76 2-Chloroethyl vinyl ether	63	5.032	5.032	0.000	96	246936	200.0	194.8	
77 cis-1,3-Dichloropropene	75	5.061	5.061	0.000	91	1178801	200.0	205.5	
\$ 78 Toluene-d8 (Surr)	98	5.261	5.261	0.000	99	526836	50.0	48.9	
79 Toluene	91	5.319	5.319	0.000	93	3164381	200.0	195.6	
80 Epichlorohydrin	57	5.347	5.340	0.007	99	1323542	4000.0	4378.5	
81 2-Nitropropane	41	5.577	5.577	0.000	97	307537	400.0	401.1	
82 Tetrachloroethene	166	5.748	5.749	-0.001	98	851539	200.0	206.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 4-Methyl-2-pentanone (MIBK)	43	5.791	5.784	0.007	95	2874598	1000.0	1045.1	
84 trans-1,3-Dichloropropene	75	5.820	5.820	0.000	93	1117197	200.0	212.8	
85 1,1,2-Trichloroethane	83	5.999	5.999	0.000	96	543696	200.0	203.1	
86 Ethyl methacrylate	69	6.078	6.071	0.007	87	950306	200.0	209.9	
87 Chlorodibromomethane	129	6.200	6.200	0.000	98	815569	200.0	220.3	
88 1,3-Dichloropropane	76	6.314	6.314	0.000	92	1114497	200.0	204.0	
89 Ethylene Dibromide	107	6.443	6.443	0.000	99	716123	200.0	209.5	
90 n-Butyl acetate	43	6.787	6.787	0.000	98	896665	200.0	205.1	
91 2-Hexanone	43	6.852	6.852	0.000	94	2048801	1000.0	1127.2	
* 92 Chlorobenzene-d5	117	7.145	7.138	0.007	84	541016	50.0	50.0	
93 Chlorobenzene	112	7.167	7.160	0.007	95	2087521	200.0	199.7	
94 Ethylbenzene	106	7.253	7.246	0.007	98	1133484	200.0	205.5	
95 1,1,1,2-Tetrachloroethane	131	7.281	7.274	0.007	96	756015	200.0	208.0	
96 m-Xylene & p-Xylene	106	7.460	7.461	-0.001	96	1390454	200.0	204.1	
97 o-Xylene	106	8.055	8.055	0.000	94	1343949	200.0	205.5	
98 Bromoform	173	8.119	8.120	-0.001	98	586887	200.0	228.5	
99 Styrene	104	8.141	8.141	0.000	96	2341913	200.0	213.3	
100 n-Butyl acrylate	73	8.463	8.463	0.000	98	538858	200.0	221.5	
101 Isopropylbenzene	105	8.542	8.542	0.000	95	3451289	200.0	214.7	
102 Amyl acetate (mixed isomer)	43	8.879	8.879	0.000	91	1084848	200.0	211.3	
\$ 103 4-Bromofluorobenzene	174	8.922	8.922	0.000	94	189871	50.0	50.0	
104 Bromobenzene	156	9.029	9.029	0.000	94	1001150	200.0	202.0	
105 N-Propylbenzene	91	9.180	9.180	0.000	100	3966019	200.0	215.3	
106 1,1,2,2-Tetrachloroethane	83	9.330	9.323	0.007	98	854957	200.0	198.6	
107 2-Chlorotoluene	91	9.359	9.352	0.007	97	2772385	200.0	202.5	
108 4-Ethyltoluene	105	9.373	9.366	0.007	98	3279132	200.0	195.0	
109 1,2,3-Trichloropropane	110	9.466	9.459	0.007	97	267788	200.0	191.5	
110 1,3,5-Trimethylbenzene	105	9.531	9.523	0.008	93	2935419	200.0	211.7	
111 trans-1,4-Dichloro-2-buten	53	9.588	9.588	0.000	94	243338	200.0	223.0	
112 4-Chlorotoluene	91	9.624	9.624	0.000	97	2643925	200.0	207.7	
113 tert-Butylbenzene	119	9.996	9.996	0.000	95	2450180	200.0	218.3	
114 Butyl Methacrylate	87	10.125	10.118	0.007	54	1038965	200.0	219.2	
115 1,2,4-Trimethylbenzene	105	10.125	10.125	0.000	96	3057162	200.0	210.2	
116 sec-Butylbenzene	105	10.290	10.283	0.007	99	3532868	200.0	222.3	
117 1,3-Dichlorobenzene	146	10.555	10.548	0.007	97	1824257	200.0	209.2	
118 4-Isopropyltoluene	119	10.569	10.562	0.007	98	3131184	200.0	222.0	
* 119 1,4-Dichlorobenzene-d4	152	10.691	10.684	0.007	93	316395	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.712	10.705	0.007	96	1875224	200.0	200.2	
138 1,2,3-Trimethylbenzene	105	10.813	10.813	0.000	0	3033328	200.0	197.3	
121 2,3-Dihydroindene	117	10.992	10.992	0.000	94	3076803	200.0	199.8	
122 Benzyl chloride	91	11.164	11.164	0.000	99	2268856	200.0	223.6	
123 p-Diethylbenzene	119	11.178	11.171	0.007	96	1633380	200.0	198.9	
124 n-Butylbenzene	91	11.257	11.250	0.007	98	2632159	200.0	223.3	
125 1,2-Dichlorobenzene	146	11.357	11.357	0.000	98	1771943	200.0	208.1	
126 1,2,4,5-Tetramethylbenzene	119	12.252	12.245	0.007	97	2751281	200.0	195.4	
127 1,2-Dibromo-3-Chloropropan	157	12.396	12.396	0.000	91	201885	200.0	227.5	
128 1,3,5-Trichlorobenzene	180	12.439	12.439	0.000	98	1182259	200.0	193.4	
129 1,2,4-Trichlorobenzene	180	13.105	13.105	0.000	94	1183276	200.0	211.2	
130 Hexachlorobutadiene	225	13.119	13.119	0.000	97	448533	200.0	210.4	
131 Naphthalene	128	13.399	13.399	0.000	99	2697005	200.0	197.2	
132 1,2,3-Trichlorobenzene	180	13.563	13.563	0.000	96	1027540	200.0	200.9	
S 133 1,2-Dichloroethene, Total	100				0		400.0	383.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,3-Dichloropropene, Total	100				0		200.0	418.4	
S 135 Xylenes, Total	100				0		400.0	409.6	
S 137 Total BTEX	1				0		1000.0	1009.7	

Reagents:

MIX 1 Hi_00071	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00054	Amount Added: 20.00	Units: uL	
GAS Hi_00196	Amount Added: 20.00	Units: uL	
ACROLEIN W_00063	Amount Added: 20.00	Units: uL	
8260ISNEW_00102	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00155	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS13\\20170414-53706.b\\P26308.D

Injection Date: 14-Apr-2017 04:13:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD200

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

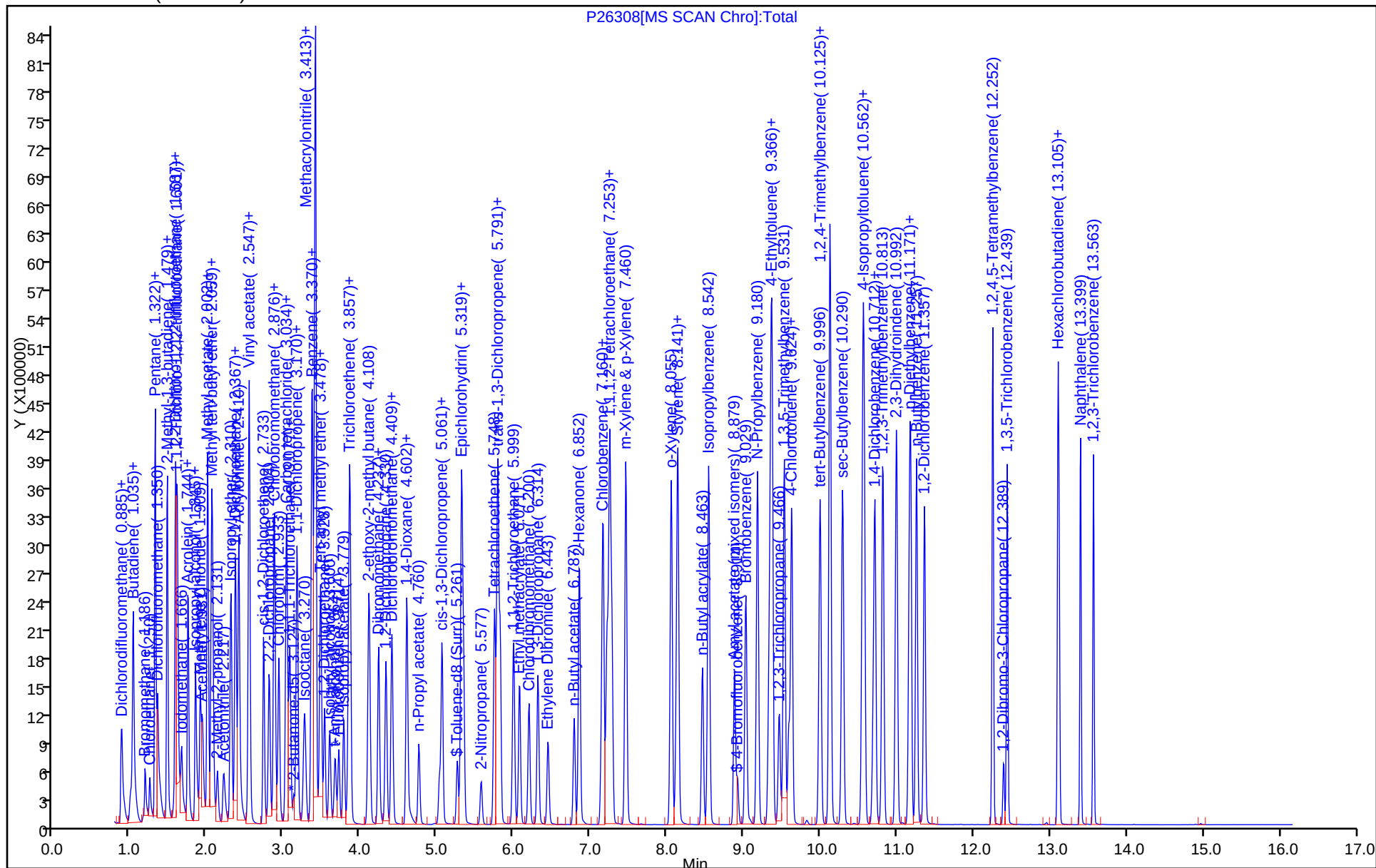
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26309.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 14-Apr-2017 04:38:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0053706-009
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub51
 Method: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 22-May-2017 19:26:29 Calib Date: 14-Apr-2017 08:47:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: desais

Date: 14-Apr-2017 06:44:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.870	0.878	-0.008	93	891845	500.0	517.4	
2 Dichlorodifluoromethane	85	0.885	0.885	0.000	100	2206259	500.0	480.9	
3 Butadiene	54	1.035	1.028	0.007	96	1751804	500.0	500.0	
4 Chloromethane	50	1.028	1.028	0.000	99	2591225	500.0	477.5	
5 Vinyl chloride	62	1.028	1.028	0.000	99	2035745	500.0	463.9	
6 Bromomethane	94	1.186	1.186	0.000	99	903733	500.0	508.1	
7 Chloroethane	64	1.250	1.250	0.000	100	750316	500.0	291.9	
9 Pentane	72	1.315	1.322	-0.007	96	477555	1000.0	698.8	
8 Trichlorofluoromethane	101	1.322	1.322	0.000	100	2223279	500.0	443.9	
10 Dichlorofluoromethane	67	1.350	1.350	0.000	99	2753328	500.0	461.3	
11 2-Methyl-1,3-butadiene	67	1.472	1.479	-0.007	96	2216261	500.0	589.0	
12 Ethyl ether	59	1.479	1.479	0.000	95	1325865	500.0	429.6	
13 Ethanol	46	1.572	1.558	0.014	99	330723	20000	19997	
15 1,2-Dichloro-1,1,2-trifluo	67	1.587	1.587	0.000	86	1642145	500.0	430.2	
14 1,1-Dichloroethene	96	1.587	1.587	0.000	99	1552333	500.0	479.2	
16 Carbon disulfide	76	1.601	1.601	0.000	99	5416472	500.0	446.7	
17 1,1,2-Trichloro-1,2,2-trif	101	1.608	1.608	0.000	97	1486867	500.0	510.8	
18 Iodomethane	142	1.666	1.666	0.000	97	1891867	500.0	498.8	
19 Cyclopentene	67	1.744	1.752	-0.008	96	4175709	500.0	503.5	
20 Acrolein	56	1.773	1.766	0.007	94	180834	400.0	414.2	
21 3-Chloro-1-propene	76	1.852	1.845	0.007	93	830175	500.0	400.8	
22 Isopropyl alcohol	45	1.880	1.866	0.014	96	913703	5000.0	4822.4	
23 Methylene Chloride	84	1.909	1.909	0.000	89	1798026	500.0	451.5	
24 Acetone	43	1.938	1.931	0.007	88	2200040	2500.0	2496.6	
25 trans-1,2-Dichloroethene	96	2.002	2.002	0.000	94	1703434	500.0	466.6	
26 Methyl acetate	43	2.009	2.009	0.000	98	4526718	2500.0	2100.3	
27 Hexane	57	2.052	2.052	0.000	84	3091746	500.0	505.0	
28 Methyl tert-butyl ether	73	2.067	2.067	0.000	95	4837651	500.0	462.0	
* 29 TBA-d9 (IS)	65	2.095	2.081	0.014	97	301160	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.138	2.131	0.007	99	1612473	5000.0	4845.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.217	2.210	0.007	99	1817725	5000.0	4854.2	
32 Isopropyl ether	45	2.310	2.303	0.007	95	4994822	500.0	493.6	
33 2-Chloro-1,3-butadiene	88	2.360	2.368	-0.008	91	1576906	500.0	520.8	
34 1,1-Dichloroethane	63	2.382	2.375	0.007	99	2947191	500.0	489.4	
35 Acrylonitrile	53	2.418	2.403	0.015	94	6223659	5000.0	5198.1	
36 Tert-butyl ethyl ether	59	2.547	2.540	0.007	89	5206117	500.0	490.0	
37 Vinyl acetate	43	2.547	2.547	0.000	99	7205191	1000.0	1007.7	
38 cis-1,2-Dichloroethene	96	2.740	2.740	0.000	99	2036926	500.0	491.9	
39 2,2-Dichloropropane	77	2.812	2.812	0.000	96	2514724	500.0	472.1	
40 Cyclohexane	56	2.876	2.876	0.000	88	2603552	500.0	543.4	
41 Chlorobromomethane	128	2.876	2.876	0.000	95	943812	500.0	463.3	
42 Chloroform	83	2.933	2.933	0.000	100	2941176	500.0	492.2	
43 Carbon tetrachloride	117	3.027	3.027	0.000	99	2176121	500.0	504.6	
44 Ethyl acetate	70	3.041	3.034	0.007	99	423470	1000.0	999.8	
45 Methyl acrylate	55	3.041	3.034	0.007	92	1543894	500.0	547.6	
46 Tetrahydrofuran	42	3.048	3.048	0.000	96	1175381	1000.0	964.6	
\$ 47 Dibromofluoromethane (Surr	113	3.070	3.070	0.000	96	123555	50.0	47.9	
48 1,1,1-Trichloroethane	97	3.077	3.077	0.000	98	2563361	500.0	488.0	
* 49 2-Butanone-d5	46	3.134	3.127	0.007	97	318790	250.0	250.0	
50 2-Butanone (MEK)	72	3.170	3.163	0.007	99	1206761	2500.0	2417.6	
51 1,1-Dichloropropene	75	3.177	3.177	0.000	98	2269142	500.0	462.4	
52 Isooctane	57	3.270	3.263	0.007	99	3703531	500.0	505.3	
53 n-Heptane	57	3.363	3.356	0.007	90	958492	500.0	538.9	
54 Benzene	78	3.370	3.363	0.007	96	6845455	500.0	471.2	
55 Propionitrile	54	3.420	3.385	0.035	94	2329713	5000.0	5121.0	
56 Methacrylonitrile	67	3.428	3.406	0.022	90	6946423	5000.0	5008.2	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.485	3.471	0.014	36	150783	50.0	52.2	
58 Tert-amyl methyl ether	73	3.485	3.478	0.007	99	5136949	500.0	507.6	
59 1,2-Dichloroethane	62	3.535	3.528	0.007	97	2108769	500.0	452.4	
60 Isobutyl alcohol	43	3.614	3.592	0.022	97	1692498	12500	13482	
61 t-Amyl alcohol	59	3.678	3.664	0.014	89	1311807	5000.0	5116.4	
* 62 Fluorobenzene	96	3.714	3.714	0.000	99	713676	50.0	50.0	
63 Isopropyl acetate	43	3.786	3.779	0.007	100	2978808	500.0	521.6	
64 Methylcyclohexane	83	3.850	3.843	0.007	94	2671562	500.0	567.8	
65 Trichloroethene	130	3.865	3.865	0.000	98	1927777	500.0	480.9	
66 2-ethoxy-2-methyl butane	59	4.115	4.108	0.007	94	4234358	500.0	506.6	
68 n-Butanol	56	4.251	4.230	0.021	85	1171610	12500	14591	
67 Dibromomethane	93	4.237	4.237	0.000	93	1145142	500.0	489.5	
69 1,2-Dichloropropane	63	4.337	4.330	0.007	92	1745028	500.0	487.1	
70 Ethyl acrylate	55	4.409	4.402	0.007	99	2270632	500.0	569.0	
71 Dichlorobromomethane	83	4.416	4.409	0.007	99	2321015	500.0	508.6	
* 72 1,4-Dioxane-d8	96	4.610	4.595	0.015	39	36672	1000.0	1000.0	
73 Methyl methacrylate	100	4.610	4.602	0.008	85	1117998	1000.0	1099.5	
74 1,4-Dioxane	88	4.631	4.624	0.007	94	414191	10000	9817.8	
75 n-Propyl acetate	43	4.767	4.760	0.007	97	2246082	500.0	531.9	
76 2-Chloroethyl vinyl ether	63	5.032	5.032	0.000	96	833829	500.0	503.9	
77 cis-1,3-Dichloropropene	75	5.068	5.061	0.007	91	2963909	500.0	501.3	
\$ 78 Toluene-d8 (Surr)	98	5.269	5.261	0.008	99	551177	50.0	49.7	
79 Toluene	91	5.326	5.319	0.007	93	7729906	500.0	463.5	
80 Epichlorohydrin	57	5.355	5.340	0.014	99	3520873	10000	10682	
81 2-Nitropropane	41	5.584	5.577	0.007	97	841384	1000.0	1064.1	
82 Tetrachloroethene	166	5.756	5.749	0.007	98	2102253	500.0	493.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 4-Methyl-2-pentanone (MIBK)	43	5.799	5.784	0.015	95	7511512	2500.0	2504.5	
84 trans-1,3-Dichloropropene	75	5.834	5.820	0.014	94	2804890	500.0	518.4	
85 1,1,2-Trichloroethane	83	6.006	5.999	0.007	96	1400170	500.0	507.3	
86 Ethyl methacrylate	69	6.078	6.071	0.007	87	2485900	500.0	532.5	
87 Chlorodibromomethane	129	6.207	6.200	0.007	98	2080498	500.0	545.2	
88 1,3-Dichloropropane	76	6.322	6.314	0.008	93	2838229	500.0	503.9	
89 Ethylene Dibromide	107	6.450	6.443	0.007	98	1832089	500.0	519.8	
90 n-Butyl acetate	43	6.794	6.787	0.007	98	2447924	500.0	543.3	
91 2-Hexanone	43	6.866	6.852	0.014	94	5516553	2500.0	2783.5	
* 92 Chlorobenzene-d5	117	7.152	7.138	0.014	86	557713	50.0	50.0	
93 Chlorobenzene	112	7.174	7.160	0.014	95	5146617	500.0	477.7	
94 Ethylbenzene	106	7.260	7.246	0.014	98	2784817	500.0	489.9	
95 1,1,1,2-Tetrachloroethane	131	7.289	7.274	0.015	96	1886970	500.0	503.7	
96 m-Xylene & p-Xylene	106	7.468	7.461	0.007	96	3428221	500.0	488.2	
97 o-Xylene	106	8.062	8.055	0.007	94	3307254	500.0	490.5	
98 Bromoform	173	8.127	8.120	0.007	98	1524541	500.0	575.8	
99 Styrene	104	8.148	8.141	0.007	97	5723050	500.0	505.6	
100 n-Butyl acrylate	73	8.470	8.463	0.007	98	1458045	500.0	581.4	
101 Isopropylbenzene	105	8.549	8.542	0.007	95	8399399	500.0	506.9	
102 Amyl acetate (mixed isomer)	43	8.886	8.879	0.007	92	2952606	500.0	560.2	
\$ 103 4-Bromofluorobenzene	174	8.922	8.922	0.000	94	196866	50.0	50.3	
104 Bromobenzene	156	9.036	9.029	0.007	94	2469441	500.0	485.2	
105 N-Propylbenzene	91	9.187	9.180	0.007	100	9588303	500.0	506.9	
106 1,1,2,2-Tetrachloroethane	83	9.337	9.323	0.014	98	2195515	500.0	496.6	
107 2-Chlorotoluene	91	9.366	9.352	0.014	97	6734442	500.0	479.0	
108 4-Ethyltoluene	105	9.380	9.366	0.014	98	8300392	500.0	480.7	
109 1,2,3-Trichloropropane	110	9.473	9.459	0.014	97	692386	500.0	482.2	
110 1,3,5-Trimethylbenzene	105	9.545	9.523	0.022	93	7098656	500.0	498.7	
111 trans-1,4-Dichloro-2-buten	53	9.595	9.588	0.007	94	632945	500.0	564.9	
112 4-Chlorotoluene	91	9.638	9.624	0.014	97	6502060	500.0	497.6	
113 tert-Butylbenzene	119	10.003	9.996	0.007	95	5853806	500.0	508.0	
114 Butyl Methacrylate	87	10.139	10.118	0.021	58	2683512	500.0	551.3	
115 1,2,4-Trimethylbenzene	105	10.139	10.125	0.014	96	7126427	500.0	477.2	
116 sec-Butylbenzene	105	10.304	10.283	0.021	99	8336557	500.0	511.0	
117 1,3-Dichlorobenzene	146	10.562	10.548	0.014	98	4282699	500.0	478.3	
118 4-Isopropyltoluene	119	10.584	10.562	0.022	98	7230137	500.0	499.2	
* 119 1,4-Dichlorobenzene-d4	152	10.698	10.684	0.014	94	324873	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.727	10.705	0.022	96	4520144	500.0	470.0	
138 1,2,3-Trimethylbenzene	105	10.827	10.813	0.014	0	7629872	500.0	483.2	
121 2,3-Dihydroindene	117	11.006	10.992	0.014	94	7651986	500.0	483.9	
122 Benzyl chloride	91	11.171	11.164	0.007	99	5906605	500.0	566.9	
123 p-Diethylbenzene	119	11.192	11.171	0.021	94	4083649	500.0	484.3	
124 n-Butylbenzene	91	11.264	11.250	0.014	98	6155895	500.0	508.6	
125 1,2-Dichlorobenzene	146	11.371	11.357	0.014	97	4265104	500.0	487.9	
126 1,2,4,5-Tetramethylbenzene	119	12.260	12.245	0.015	97	6684839	500.0	462.3	
127 1,2-Dibromo-3-Chloropropan	157	12.396	12.396	0.000	91	538367	500.0	590.8	
128 1,3,5-Trichlorobenzene	180	12.446	12.439	0.007	98	2933427	500.0	467.5	
129 1,2,4-Trichlorobenzene	180	13.105	13.105	0.000	94	2742075	500.0	476.6	
130 Hexachlorobutadiene	225	13.119	13.119	0.000	97	1021892	500.0	466.8	
131 Naphthalene	128	13.399	13.399	0.000	99	6653971	500.0	473.8	
132 1,2,3-Trichlorobenzene	180	13.571	13.563	0.008	97	2459906	500.0	468.4	
S 133 1,2-Dichloroethene, Total	100				0		1000.0	958.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 134 1,3-Dichloropropene, Total	100				0		500.0	1019.7	
S 135 Xylenes, Total	100				0		1000.0	978.8	
S 137 Total BTEX	1				0		2500.0	2403.3	

Reagents:

MIX 1 Hi_00071	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00054	Amount Added: 50.00	Units: uL	
GAS Hi_00196	Amount Added: 50.00	Units: uL	
ACROLEIN W_00063	Amount Added: 40.00	Units: uL	
8260ISNEW_00102	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00155	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS13\\20170414-53706.b\\P26309.D

Injection Date: 14-Apr-2017 04:38:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD500

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

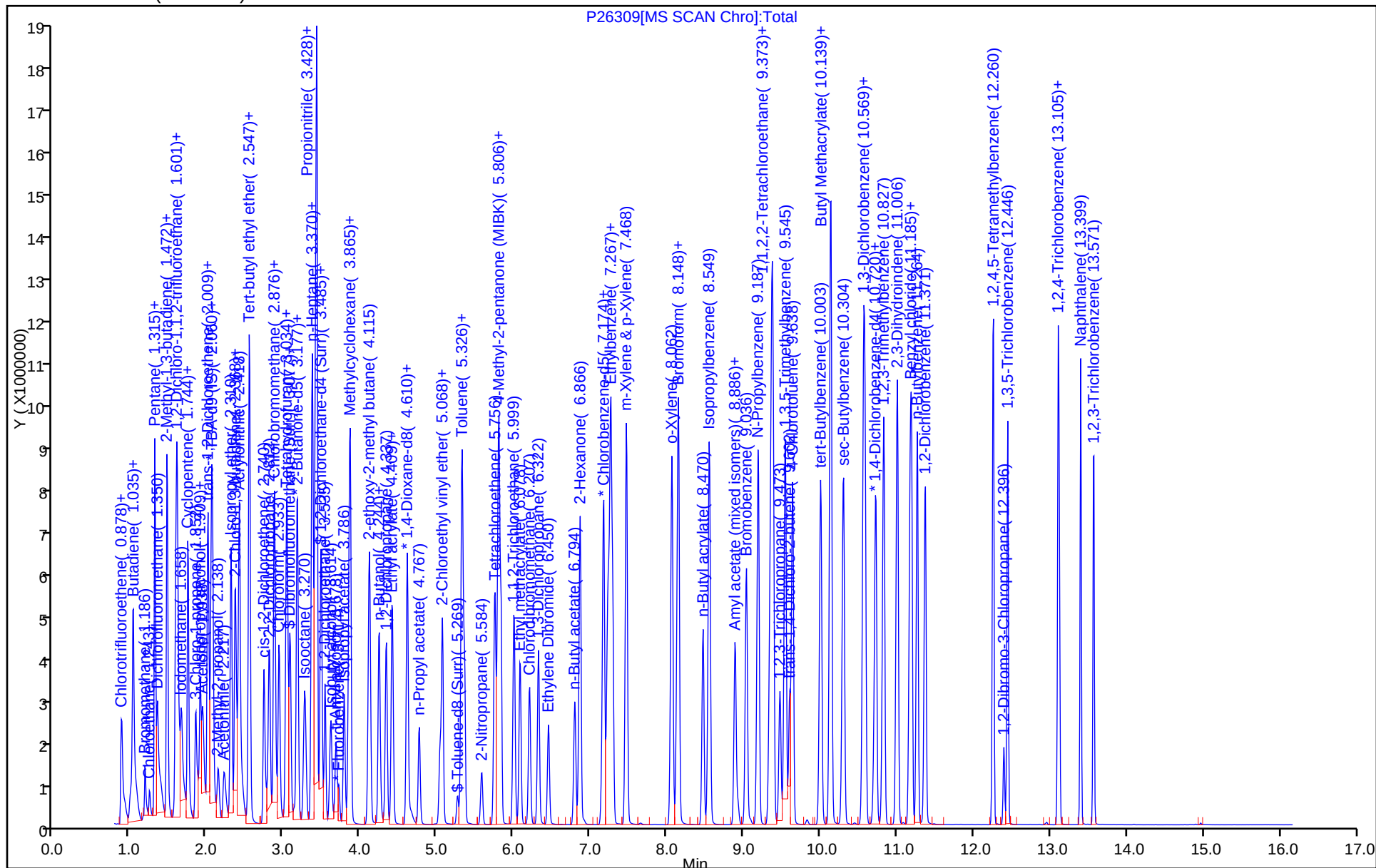
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 14-Apr-2017 08:47:30 ALS Bottle#: 15 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0053706-016
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub51
 Method: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 22-May-2017 19:26:34 Calib Date: 14-Apr-2017 08:47:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK009

First Level Reviewer: desais

Date: 14-Apr-2017 08:11:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.871	0.878	-0.007	88	1243	1.00	0.8223	
2 Dichlorodifluoromethane	85	0.885	0.885	0.000	98	4559	1.00	1.13	
5 Vinyl chloride	62	1.028	1.028	0.000	73	4408	1.00	1.15	
4 Chloromethane	50	1.028	1.028	0.000	65	5552	1.00	1.17	
3 Butadiene	54	1.028	1.028	0.000	92	3190	1.00	1.04	
6 Bromomethane	94	1.186	1.186	0.000	95	1384	1.00	0.9263	
7 Chloroethane	64	1.250	1.250	0.000	96	2508	1.00	1.16	
8 Trichlorofluoromethane	101	1.322	1.322	0.000	64	4670	1.00	1.06	
9 Pentane	72	1.322	1.322	0.000	96	1385	2.00	2.41	
10 Dichlorofluoromethane	67	1.351	1.350	0.001	98	5394	1.00	1.03	
12 Ethyl ether	59	1.480	1.479	0.001	93	3017	1.00	1.11	
11 2-Methyl-1,3-butadiene	67	1.480	1.479	0.001	96	3009	1.00	0.9120	
13 Ethanol	46	1.573	1.558	0.015	51	996	40.0	67.6	
14 1,1-Dichloroethene	96	1.587	1.587	0.000	96	3041	1.00	1.07	
15 1,2-Dichloro-1,1,2-trifluo	67	1.580	1.587	-0.007	80	3541	1.00	1.06	
16 Carbon disulfide	76	1.601	1.601	0.000	99	13115	1.00	1.23	
17 1,1,2-Trichloro-1,2,2-trif	101	1.608	1.608	0.000	91	1798	1.00	0.7043	
18 Iodomethane	142	1.666	1.666	0.000	95	1236	1.00	0.3066	M
19 Cyclopentene	67	1.752	1.752	0.000	96	7668	1.00	1.05	
20 Acrolein	56	1.766	1.766	0.000	93	1402	4.00	3.66	
21 3-Chloro-1-propene	76	1.845	1.845	0.000	91	1968	1.00	1.08	
22 Isopropyl alcohol	45	1.866	1.866	0.000	97	2049	10.0	9.25	
23 Methylene Chloride	84	1.909	1.909	0.000	93	3913	1.00	1.12	M
24 Acetone	43	1.938	1.931	0.007	86	5705	5.00	6.77	
25 trans-1,2-Dichloroethene	96	2.002	2.002	0.000	92	3700	1.00	1.16	
26 Methyl acetate	43	2.010	2.009	0.001	98	10528	5.00	5.57	
27 Hexane	57	2.060	2.052	0.008	39	4344	1.00	0.8091	
28 Methyl tert-butyl ether	73	2.067	2.067	0.000	95	9606	1.00	1.05	
* 29 TBA-d9 (IS)	65	2.088	2.081	0.007	98	253067	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.139	2.131	0.007	97	4102	10.0	10.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.210	2.210	0.000	97	3172	10.0	10.1	
32 Isopropyl ether	45	2.303	2.303	0.000	96	9108	1.00	1.03	
33 2-Chloro-1,3-butadiene	88	2.361	2.368	-0.007	89	2744	1.00	1.03	
34 1,1-Dichloroethane	63	2.375	2.375	0.000	99	5443	1.00	1.03	
35 Acrylonitrile	53	2.411	2.403	0.008	93	10864	10.0	10.3	
36 Tert-butyl ethyl ether	59	2.540	2.540	0.000	88	10009	1.00	1.07	
37 Vinyl acetate	43	2.547	2.547	0.000	99	11071	2.00	1.77	
38 cis-1,2-Dichloroethene	96	2.740	2.740	0.000	98	3933	1.00	1.08	
39 2,2-Dichloropropane	77	2.805	2.812	-0.007	95	4213	1.00	0.9019	
41 Chlorobromomethane	128	2.876	2.876	0.000	79	1998	1.00	1.12	
40 Cyclohexane	56	2.876	2.876	0.000	83	3256	1.00	0.7749	M
42 Chloroform	83	2.934	2.933	0.001	99	5512	1.00	1.05	
43 Carbon tetrachloride	117	3.027	3.027	0.000	94	3575	1.00	0.9452	
45 Methyl acrylate	55	3.041	3.034	0.007	66	2266	1.00	0.9165	
44 Ethyl acetate	70	3.034	3.034	0.000	95	1043	2.00	3.06	
46 Tetrahydrofuran	42	3.048	3.048	0.000	86	2156	2.00	2.11	
\$ 47 Dibromofluoromethane (Surr	113	3.070	3.070	0.000	98	114030	50.0	50.5	
48 1,1,1-Trichloroethane	97	3.077	3.077	0.000	35	4736	1.00	1.03	
* 49 2-Butanone-d5	46	3.127	3.127	0.000	97	267792	250.0	250.0	
50 2-Butanone (MEK)	72	3.163	3.163	0.000	87	2363	5.00	5.64	
51 1,1-Dichloropropene	75	3.170	3.177	-0.007	35	4585	1.00	1.07	
52 Isooctane	57	3.263	3.263	0.000	98	6347	1.00	0.9874	
53 n-Heptane	57	3.363	3.356	0.007	41	1175	1.00	0.7533	M
54 Benzene	78	3.363	3.363	0.000	95	12805	1.00	1.02	
55 Propionitrile	54	3.392	3.385	0.007	97	4101	10.0	10.7	
56 Methacrylonitrile	67	3.406	3.406	0.000	90	12142	10.0	9.98	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.471	3.471	0.000	97	127262	50.0	50.2	
58 Tert-amyl methyl ether	73	3.471	3.478	-0.007	40	8987	1.00	1.01	
59 1,2-Dichloroethane	62	3.535	3.528	0.007	96	4567	1.00	1.12	
60 Isobutyl alcohol	43	3.593	3.592	0.001	95	2390	25.0	22.7	
61 t-Amyl alcohol	59	3.664	3.664	0.000	73	2414	10.0	10.7	
* 62 Fluorobenzene	96	3.714	3.714	0.000	99	625833	50.0	50.0	
63 Isopropyl acetate	43	3.779	3.779	0.000	98	4948	1.00	0.9880	
64 Methylcyclohexane	83	3.843	3.843	0.000	91	2669	1.00	0.6469	
65 Trichloroethene	130	3.865	3.865	0.000	96	3906	1.00	1.11	
66 2-ethoxy-2-methyl butane	59	4.108	4.108	0.000	93	7474	1.00	1.02	
68 n-Butanol	56	4.252	4.230	0.022	40	1443	25.0	21.4	
67 Dibromomethane	93	4.244	4.237	0.007	88	2172	1.00	1.06	
69 1,2-Dichloropropane	63	4.338	4.330	0.008	88	3183	1.00	1.01	
70 Ethyl acrylate	55	4.409	4.402	0.007	69	3111	1.00	0.8891	
71 Dichlorobromomethane	83	4.416	4.409	0.007	97	3979	1.00	0.99	
* 72 1,4-Dioxane-d8	96	4.595	4.595	0.000	96	31035	1000.0	1000.0	
73 Methyl methacrylate	100	4.603	4.602	0.001	87	1651	2.00	1.85	
74 1,4-Dioxane	88	4.631	4.624	0.007	82	1728	50.0	48.4	
75 n-Propyl acetate	43	4.775	4.760	0.014	98	3375	1.00	0.9114	
76 2-Chloroethyl vinyl ether	63	5.047	5.032	0.015	91	873	1.00	1.10	
77 cis-1,3-Dichloropropene	75	5.068	5.061	0.007	90	5221	1.00	1.03	
\$ 78 Toluene-d8 (Surr)	98	5.262	5.261	0.001	99	473202	50.0	49.5	
79 Toluene	91	5.319	5.319	0.000	94	14608	1.00	1.02	
80 Epichlorohydrin	57	5.355	5.340	0.015	97	5399	20.0	19.5	
81 2-Nitropropane	41	5.577	5.577	0.000	94	1390	2.00	2.00	
82 Tetrachloroethene	166	5.749	5.749	0.000	95	3575	1.00	0.9739	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 4-Methyl-2-pentanone (MIBK)	43	5.792	5.784	0.008	93	11914	5.00	4.73	
84 trans-1,3-Dichloropropene	75	5.827	5.820	0.007	97	4586	1.00	0.9839	
85 1,1,2-Trichloroethane	83	5.999	5.999	0.000	94	2446	1.00	1.03	
86 Ethyl methacrylate	69	6.078	6.071	0.007	86	3745	1.00	0.9148	
87 Chlorodibromomethane	129	6.200	6.200	0.000	96	3115	1.00	0.9477	
88 1,3-Dichloropropane	76	6.322	6.314	0.008	93	4584	1.00	0.9449	
89 Ethylene Dibromide	107	6.458	6.443	0.015	98	3026	1.00	1.00	
90 n-Butyl acetate	43	6.794	6.787	0.007	96	3768	1.00	0.9709	
91 2-Hexanone	43	6.866	6.852	0.014	93	7575	5.00	4.55	
* 92 Chlorobenzene-d5	117	7.138	7.138	0.000	85	480390	50.0	50.0	
93 Chlorobenzene	112	7.160	7.160	0.000	96	9770	1.00	1.05	
94 Ethylbenzene	106	7.246	7.246	0.000	98	4761	1.00	0.9723	
95 1,1,1,2-Tetrachloroethane	131	7.274	7.274	0.000	91	3013	1.00	0.9337	
96 m-Xylene & p-Xylene	106	7.468	7.461	0.007	95	6108	1.00	1.01	
97 o-Xylene	106	8.055	8.055	0.000	94	5804	1.00	1.00	
98 Bromoform	173	8.127	8.120	0.007	95	1966	1.00	0.8621	
99 Styrene	104	8.148	8.141	0.007	95	9151	1.00	0.9385	M
100 n-Butyl acrylate	73	8.478	8.463	0.015	98	1984	1.00	0.9185	M
101 Isopropylbenzene	105	8.542	8.542	0.000	95	13245	1.00	0.9281	
102 Amyl acetate (mixed isomer)	43	8.893	8.879	0.014	1	4171	1.00	0.9206	M
\$ 103 4-Bromofluorobenzene	174	8.922	8.922	0.000	94	164814	50.0	48.9	
104 Bromobenzene	156	9.029	9.029	0.000	95	4230	1.00	0.9670	
105 N-Propylbenzene	91	9.187	9.180	0.007	99	15009	1.00	0.9231	
106 1,1,2,2-Tetrachloroethane	83	9.330	9.323	0.007	97	3863	1.00	1.02	
107 2-Chlorotoluene	91	9.359	9.352	0.007	96	12076	1.00	1.00	
108 4-Ethyltoluene	105	9.373	9.366	0.007	98	15896	1.00	1.07	
109 1,2,3-Trichloropropane	110	9.466	9.459	0.007	95	1170	1.00	0.9480	
110 1,3,5-Trimethylbenzene	105	9.524	9.523	0.001	92	12056	1.00	0.9854	
111 trans-1,4-Dichloro-2-buten	53	9.610	9.588	0.022	87	918	1.00	0.9533	
112 4-Chlorotoluene	91	9.631	9.624	0.007	97	10919	1.00	0.9721	
113 tert-Butylbenzene	119	9.996	9.996	0.000	94	8936	1.00	0.9022	
114 Butyl Methacrylate	87	10.132	10.118	0.014	50	3470	1.00	0.8294	
115 1,2,4-Trimethylbenzene	105	10.125	10.125	0.000	96	12270	1.00	0.9559	
116 sec-Butylbenzene	105	10.290	10.283	0.007	99	12716	1.00	0.9067	
117 1,3-Dichlorobenzene	146	10.562	10.548	0.014	95	7728	1.00	1.00	
118 4-Isopropyltoluene	119	10.562	10.562	0.000	98	11587	1.00	0.9308	
* 119 1,4-Dichlorobenzene-d4	152	10.684	10.684	0.000	94	279242	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.705	10.705	0.000	90	8792	1.00	1.06	
138 1,2,3-Trimethylbenzene	105	10.813	10.813	0.000	0	14418	1.00	1.06	
121 2,3-Dihydroindene	117	10.992	10.992	0.000	94	14011	1.00	1.03	
122 Benzyl chloride	91	11.178	11.164	0.014	87	7659	1.00	0.8552	
123 p-Diethylbenzene	119	11.178	11.171	0.007	89	7831	1.00	1.08	
124 n-Butylbenzene	91	11.257	11.250	0.007	99	9639	1.00	0.9265	
125 1,2-Dichlorobenzene	146	11.364	11.357	0.007	97	7410	1.00	0.9862	
126 1,2,4,5-Tetramethylbenzene	119	12.253	12.245	0.008	97	13687	1.00	1.10	
127 1,2-Dibromo-3-Chloropropan	157	12.403	12.396	0.007	92	628	1.00	0.8017	
128 1,3,5-Trichlorobenzene	180	12.446	12.439	0.007	97	6253	1.00	1.16	
129 1,2,4-Trichlorobenzene	180	13.112	13.105	0.007	93	5352	1.00	1.08	
130 Hexachlorobutadiene	225	13.119	13.119	0.000	91	1992	1.00	1.06	
131 Naphthalene	128	13.406	13.399	0.007	99	13538	1.00	1.12	
132 1,2,3-Trichlorobenzene	180	13.571	13.563	0.008	95	5188	1.00	1.15	
S 133 1,2-Dichloroethene, Total	100				0		2.00	2.24	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,3-Dichloropropene, Total	100				0		1.00	2.01	
S 135 Xylenes, Total	100				0		2.00	2.01	
S 137 Total BTEX	1				0		5.00	5.02	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

MIX 1 Hi_00071	Amount Added: 1.00	Units: uL	
MIX 2 Hi_00054	Amount Added: 1.00	Units: uL	
GAS Hi_00196	Amount Added: 1.00	Units: uL	
ACROLEIN W_00063	Amount Added: 4.00	Units: uL	
14DIOXINTER_00068	Amount Added: 30.00	Units: uL	
8260ISNEW_00102	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00155	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS13\\20170414-53706.b\\P26316.D

Injection Date: 14-Apr-2017 08:47:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD1

Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL

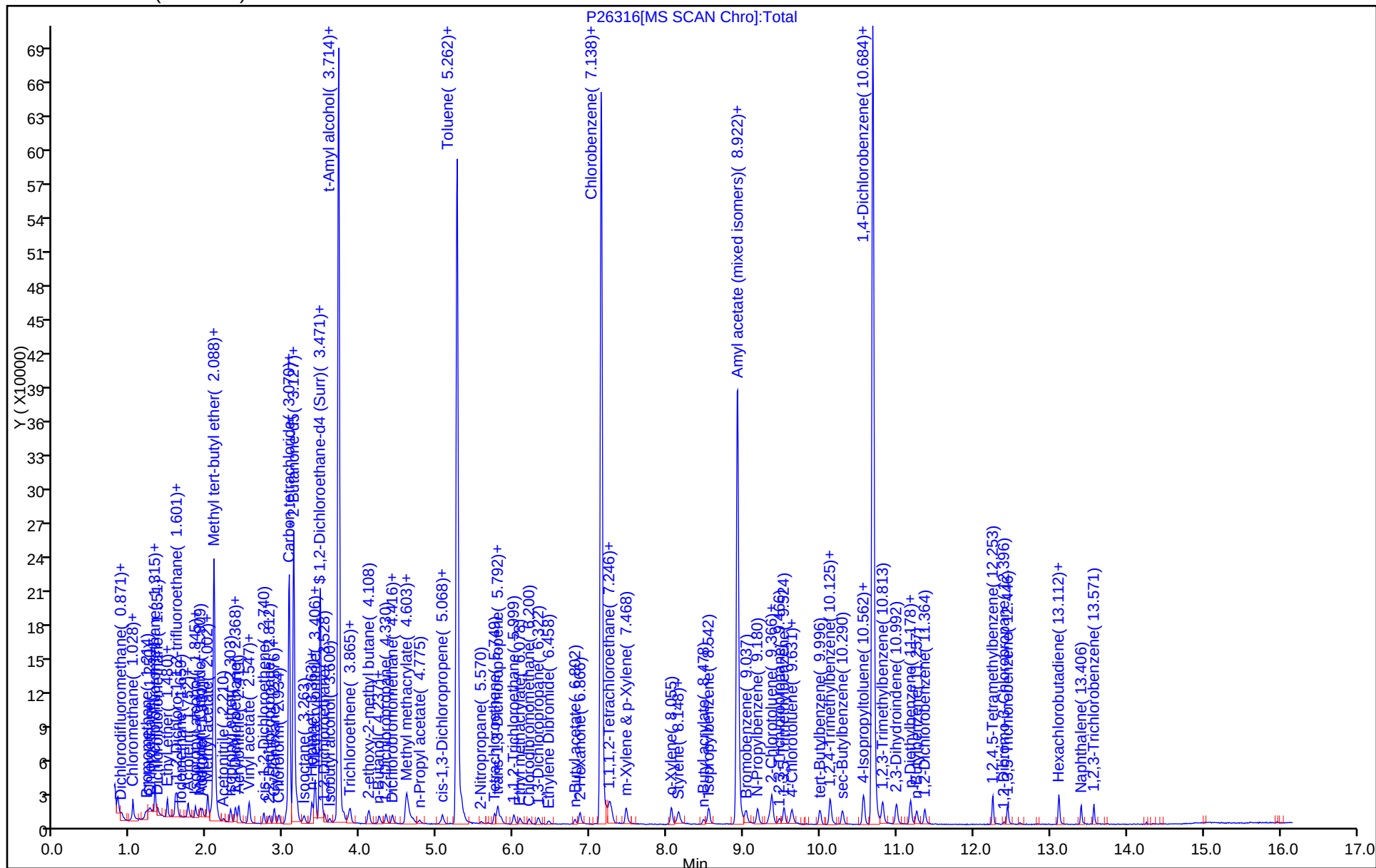
Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D

Injection Date: 14-Apr-2017 08:47:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

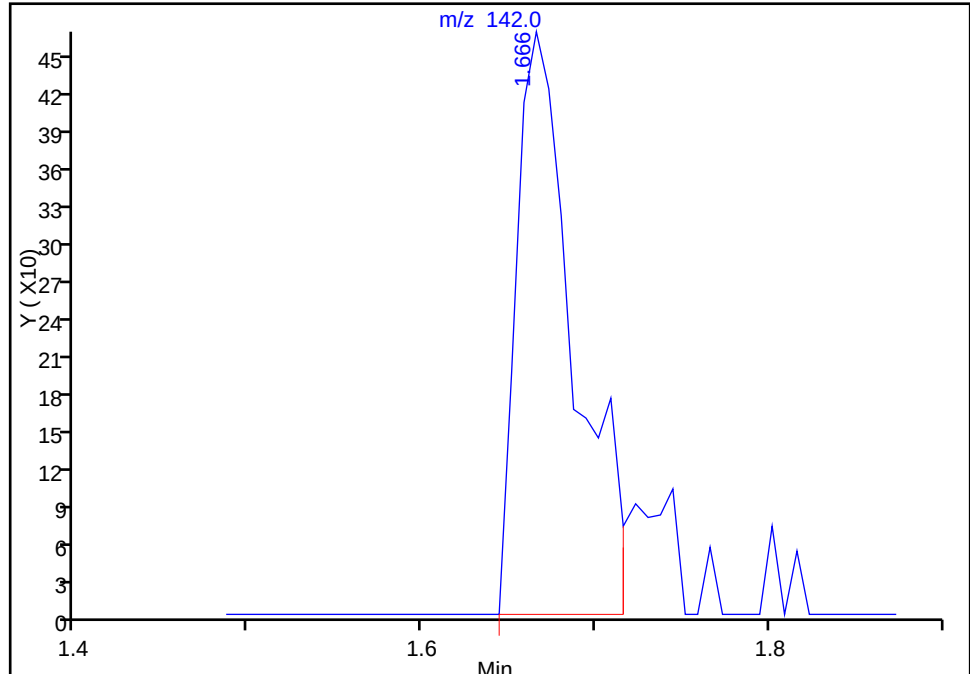
MS SCAN

18 Iodomethane, CAS: 74-88-4

Signal: 1

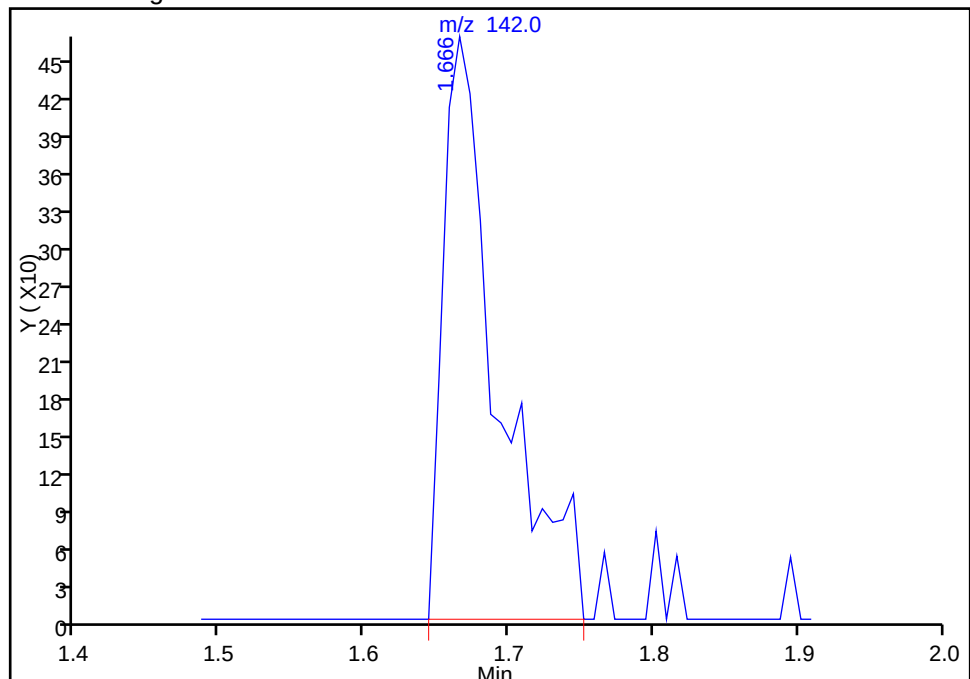
RT: 1.67
Area: 1087
Amount: 0.269664
Amount Units: ug/l

Processing Integration Results



RT: 1.67
Area: 1236
Amount: 0.306635
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 17-Apr-2017 20:32:36

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS13\\20170414-53706.b\\P26316.D

Injection Date: 14-Apr-2017 08:47:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

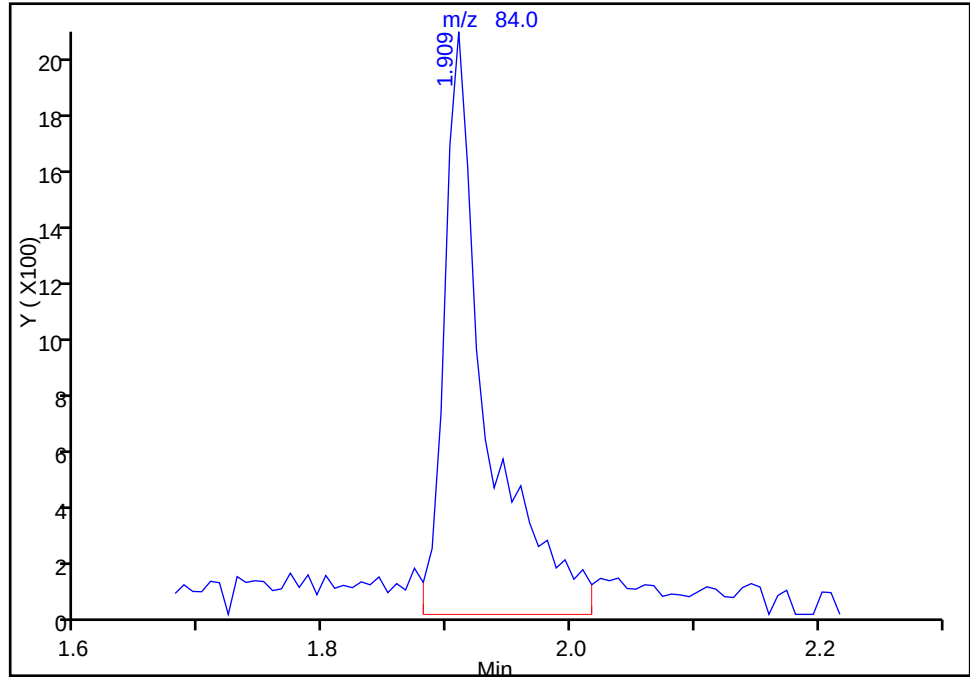
MS SCAN

23 Methylene Chloride, CAS: 75-09-2

Signal: 1

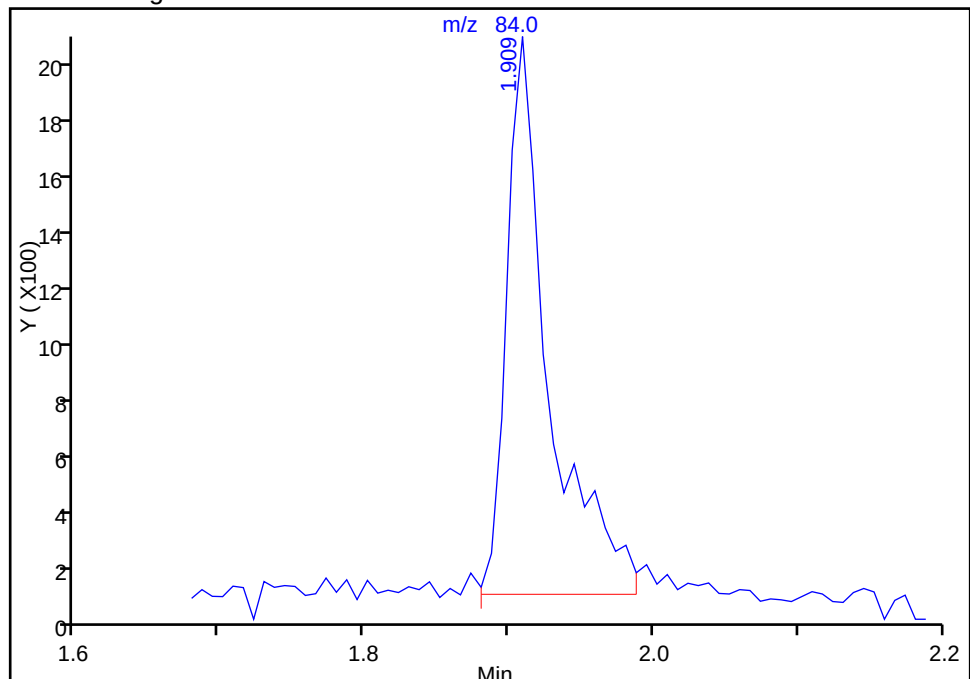
RT: 1.91
Area: 4747
Amount: 1.420937
Amount Units: ug/l

Processing Integration Results



RT: 1.91
Area: 3913
Amount: 1.120494
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 17-Apr-2017 20:32:36

Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS13\\20170414-53706.b\\P26316.D

Injection Date: 14-Apr-2017 08:47:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

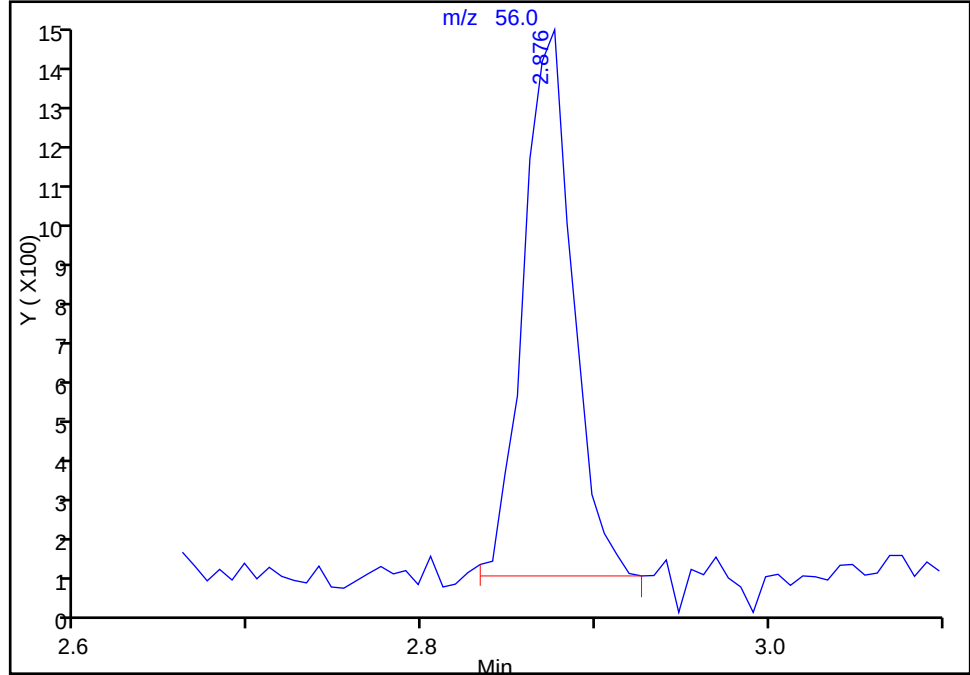
Detector: MS SCAN

40 Cyclohexane, CAS: 110-82-7

Signal: 1

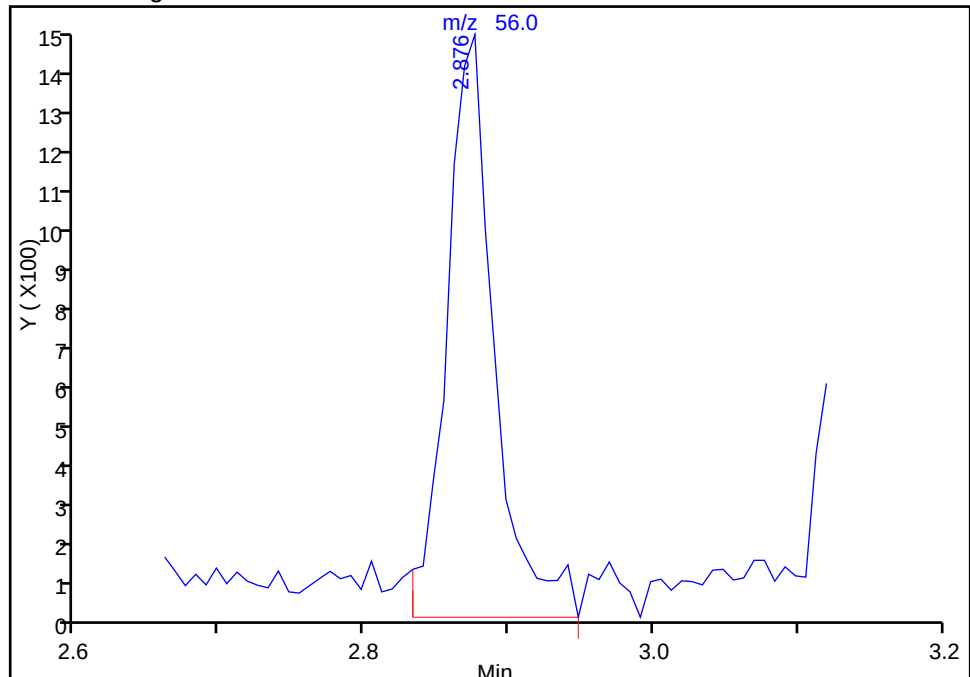
RT: 2.88
Area: 2627
Amount: 0.564804
Amount Units: ug/l

Processing Integration Results



RT: 2.88
Area: 3256
Amount: 0.774914
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 17-Apr-2017 20:32:36

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D

Injection Date: 14-Apr-2017 08:47:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

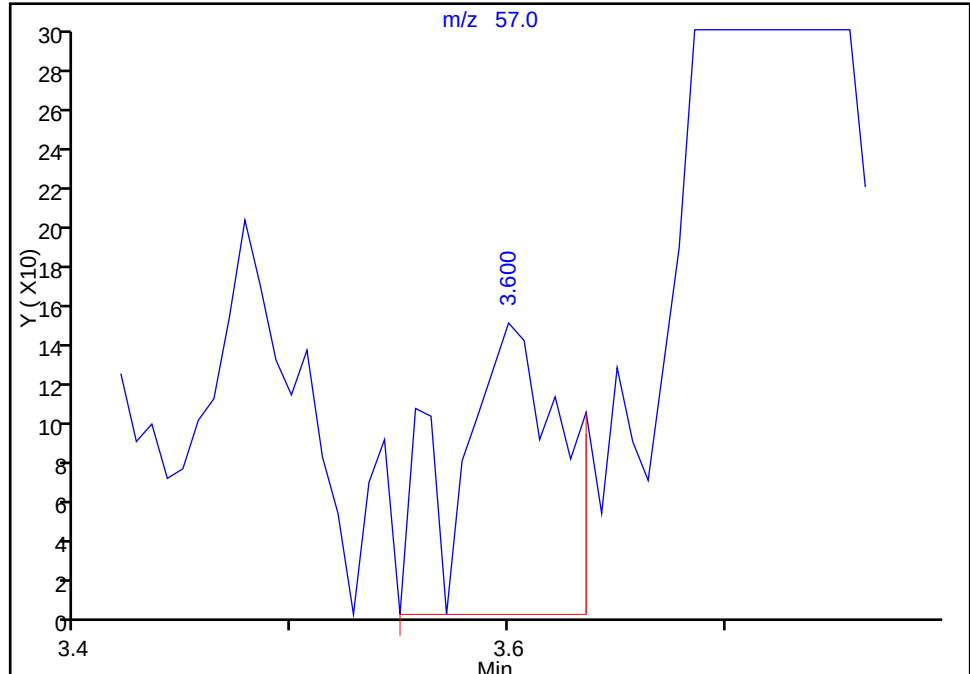
Detector: MS SCAN

53 n-Heptane, CAS: 142-82-5

Signal: 1

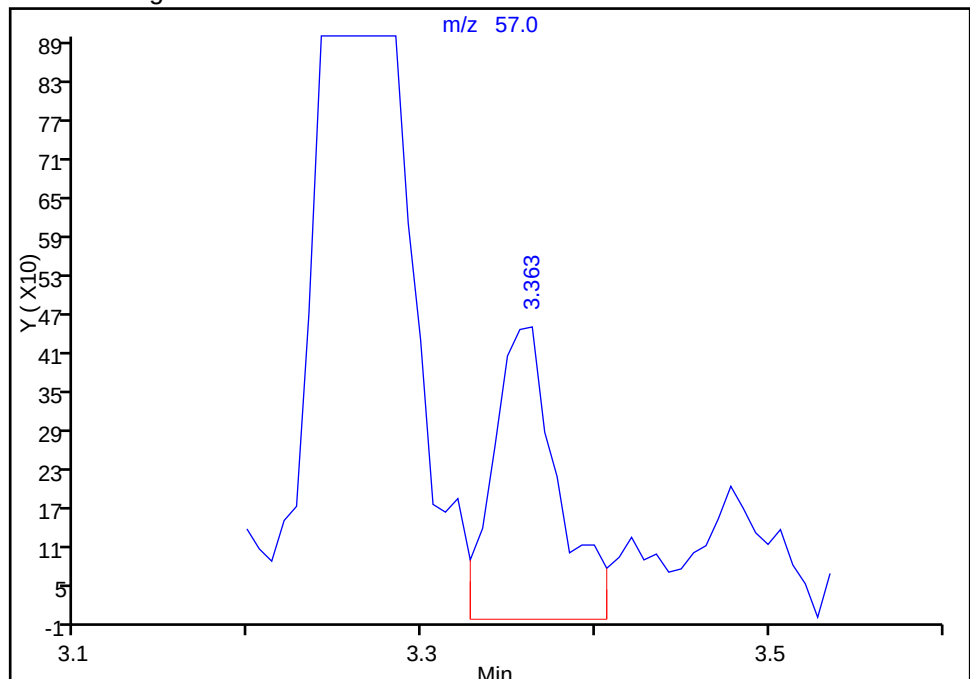
RT: 3.60
Area: 512
Amount: 0.284579
Amount Units: ug/l

Processing Integration Results



RT: 3.36
Area: 1175
Amount: 0.753303
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 17-Apr-2017 20:32:36

Audit Action: Assigned Compound ID

Audit Reason:

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS13\\20170414-53706.b\\P26316.D

Injection Date: 14-Apr-2017 08:47:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

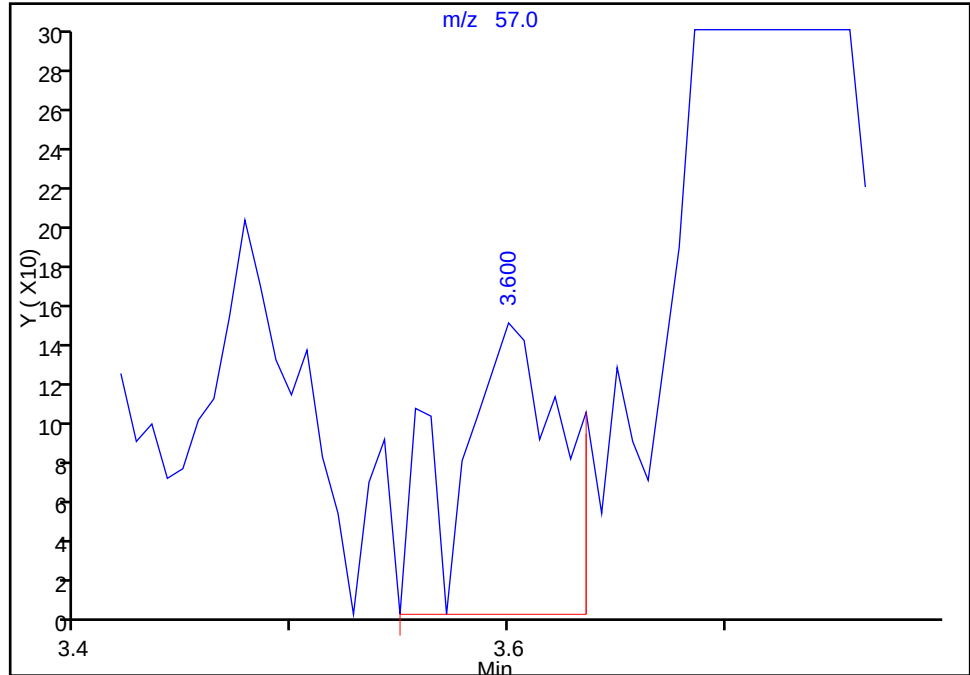
MS SCAN

53 n-Heptane, CAS: 142-82-5

Signal: 1

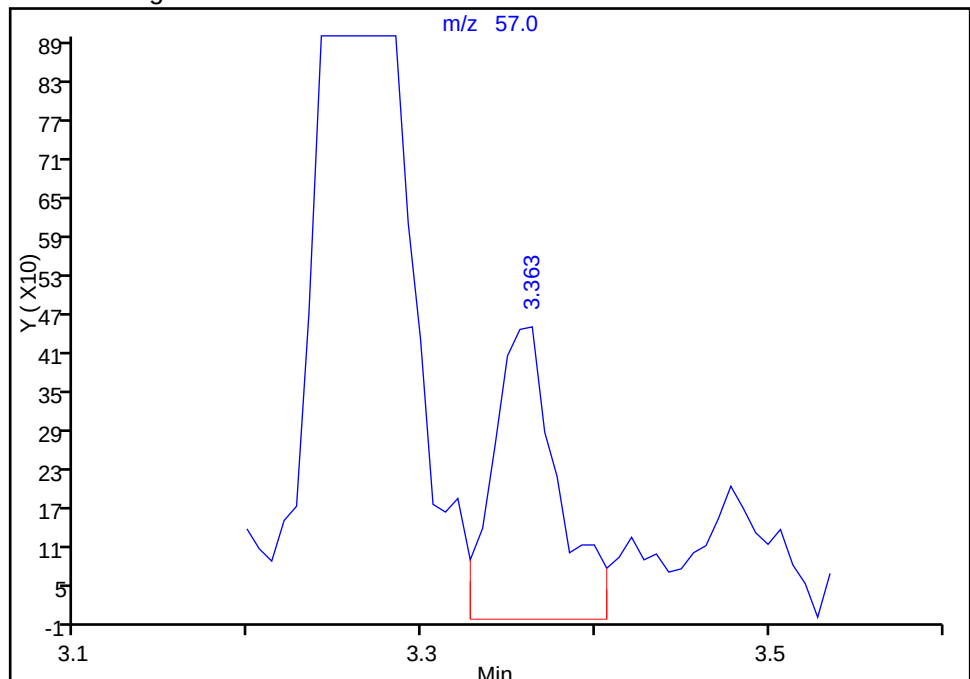
RT: 3.60
Area: 512
Amount: 0.284579
Amount Units: ug/l

Processing Integration Results



RT: 3.36
Area: 1175
Amount: 0.753303
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 17-Apr-2017 20:32:36

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D

Injection Date: 14-Apr-2017 08:47:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

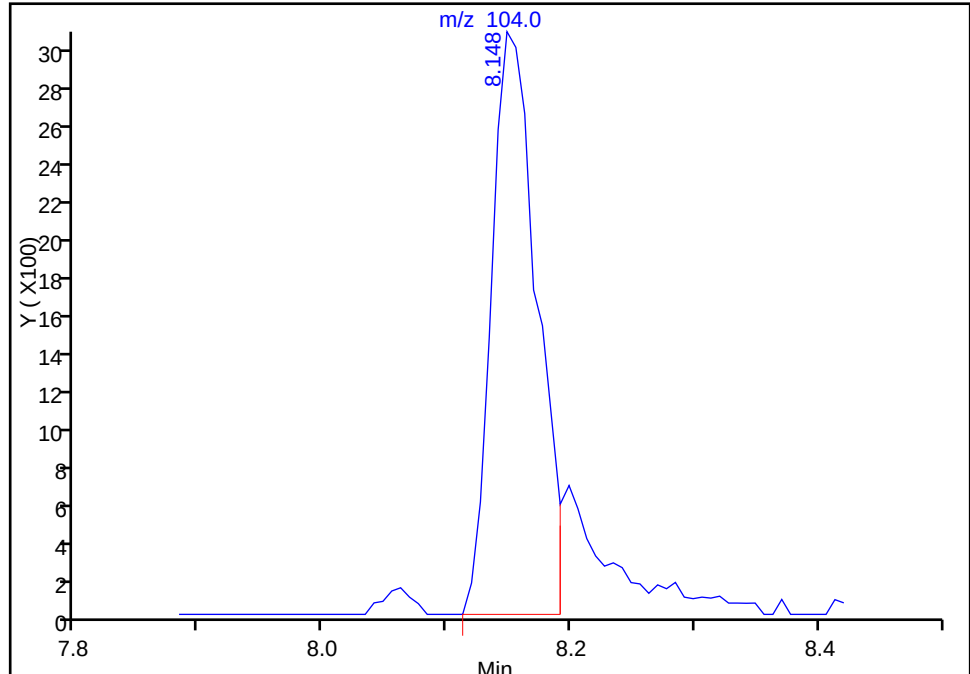
MS SCAN

99 Styrene, CAS: 100-42-5

Signal: 1

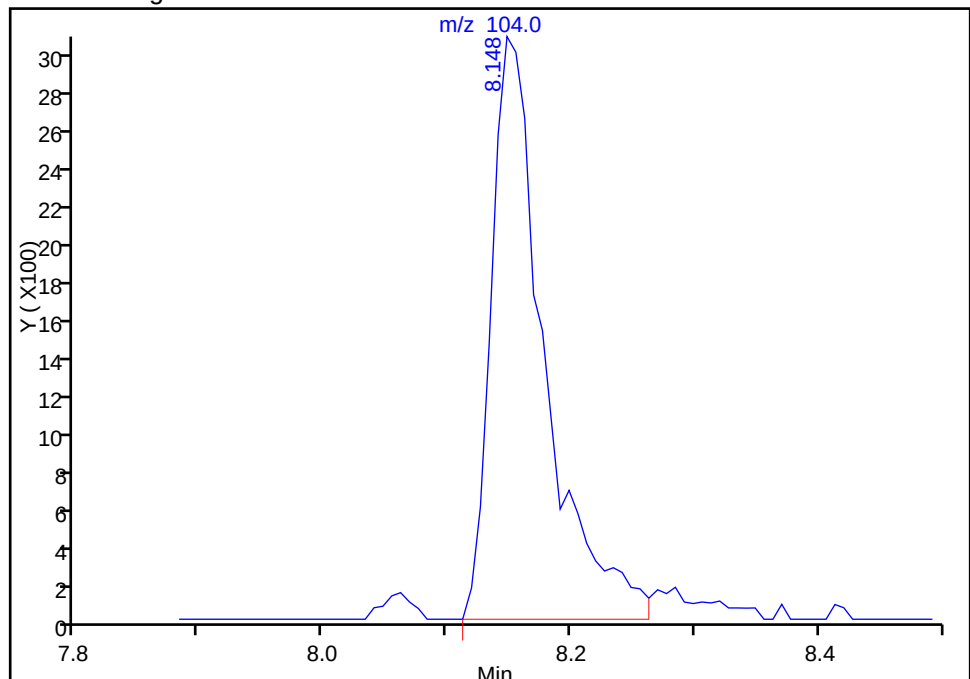
RT: 8.15
Area: 7807
Amount: 0.816785
Amount Units: ug/l

Processing Integration Results



RT: 8.15
Area: 9151
Amount: 0.938544
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 17-Apr-2017 20:32:36

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D

Injection Date: 14-Apr-2017 08:47:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

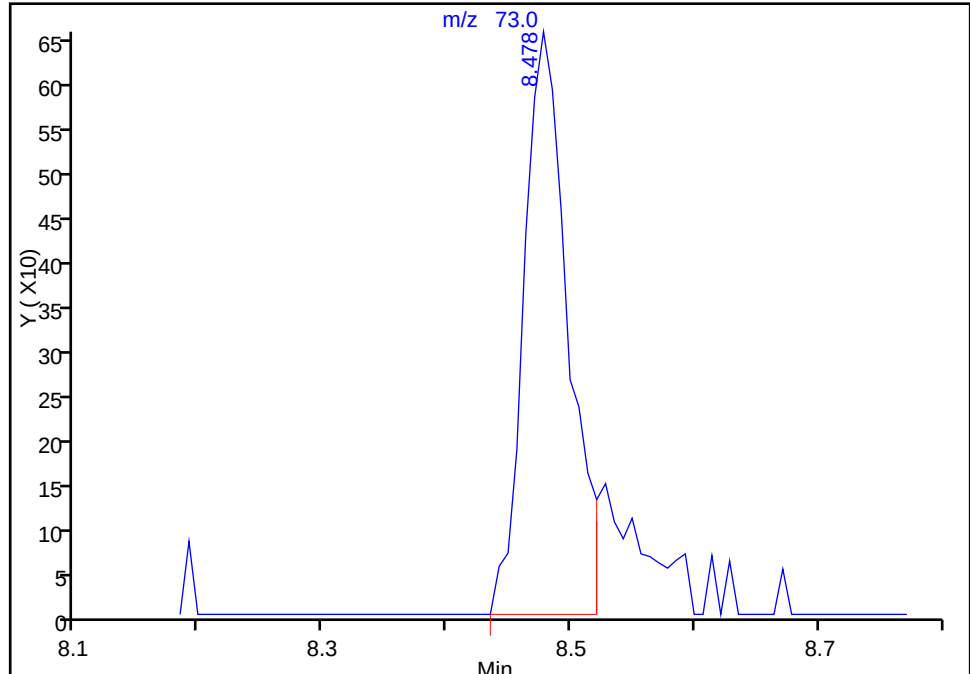
MS SCAN

100 n-Butyl acrylate, CAS: 141-32-2

Signal: 1

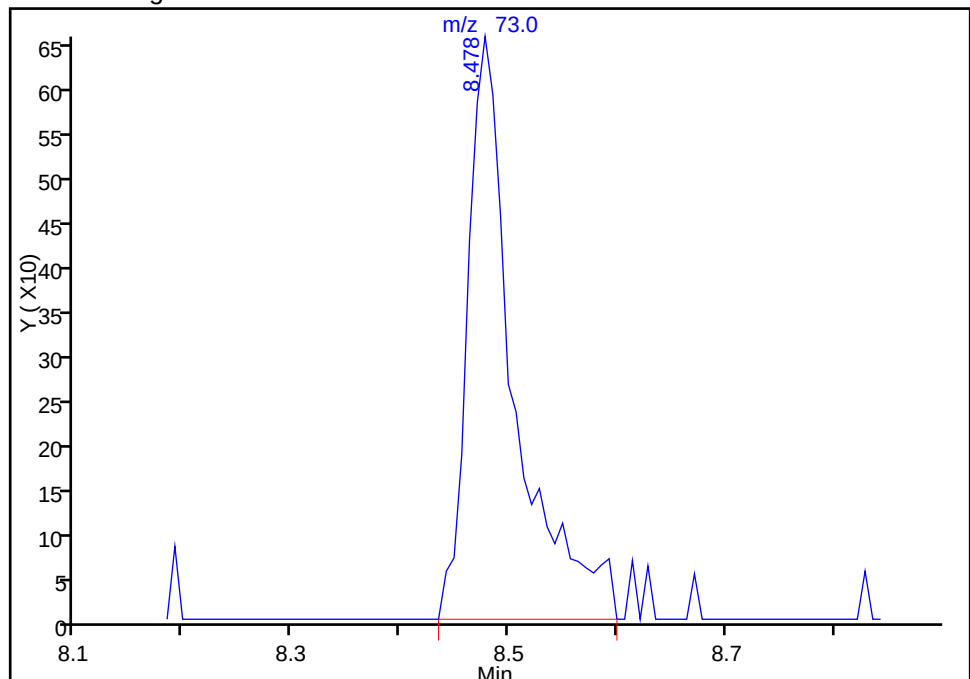
RT: 8.48
Area: 1633
Amount: 0.773979
Amount Units: ug/l

Processing Integration Results



RT: 8.48
Area: 1984
Amount: 0.918511
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 17-Apr-2017 20:32:36

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS13\\20170414-53706.b\\P26316.D

Injection Date: 14-Apr-2017 08:47:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

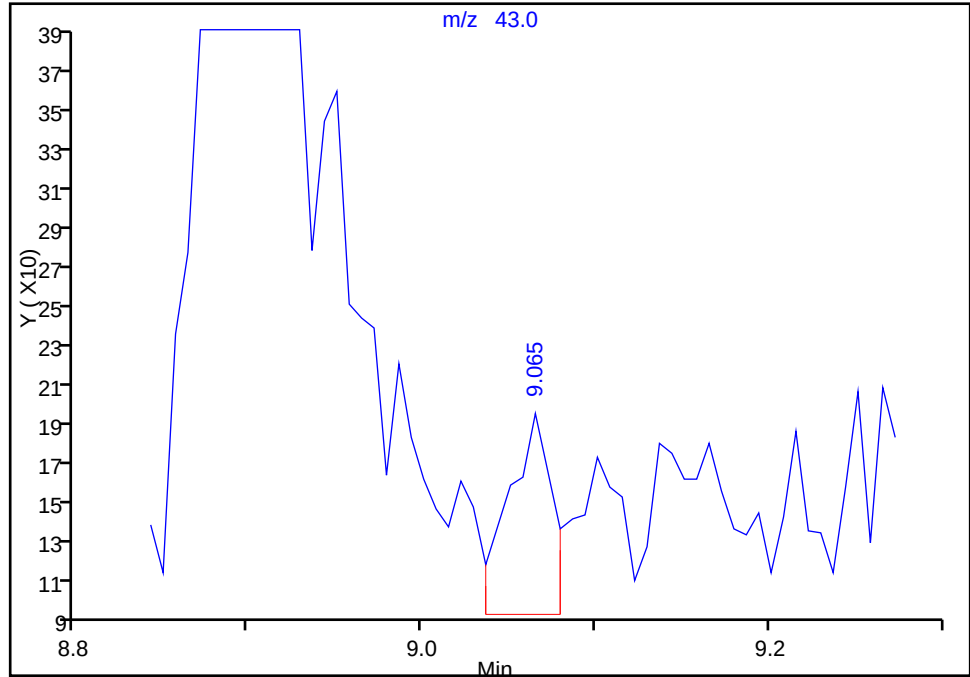
MS SCAN

102 Amyl acetate (mixed isomers), CAS: 628-63-7

Signal: 1

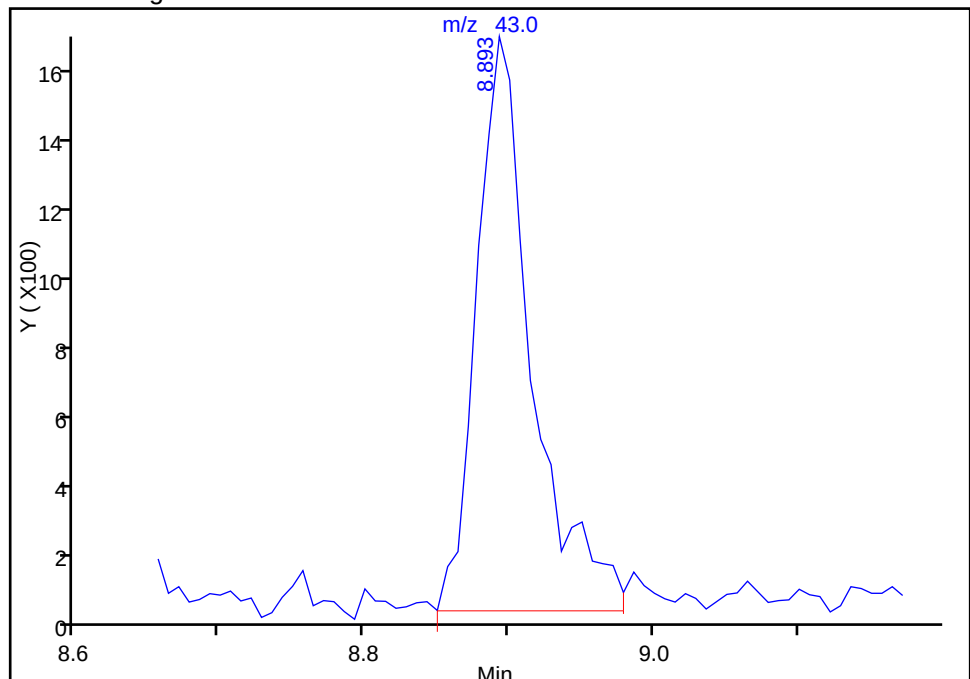
RT: 9.07
Area: 181
Amount: 0.039505
Amount Units: ug/l

Processing Integration Results



RT: 8.89
Area: 4171
Amount: 0.920609
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 17-Apr-2017 20:32:36

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS13\\20170414-53706.b\\P26316.D

Injection Date: 14-Apr-2017 08:47:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

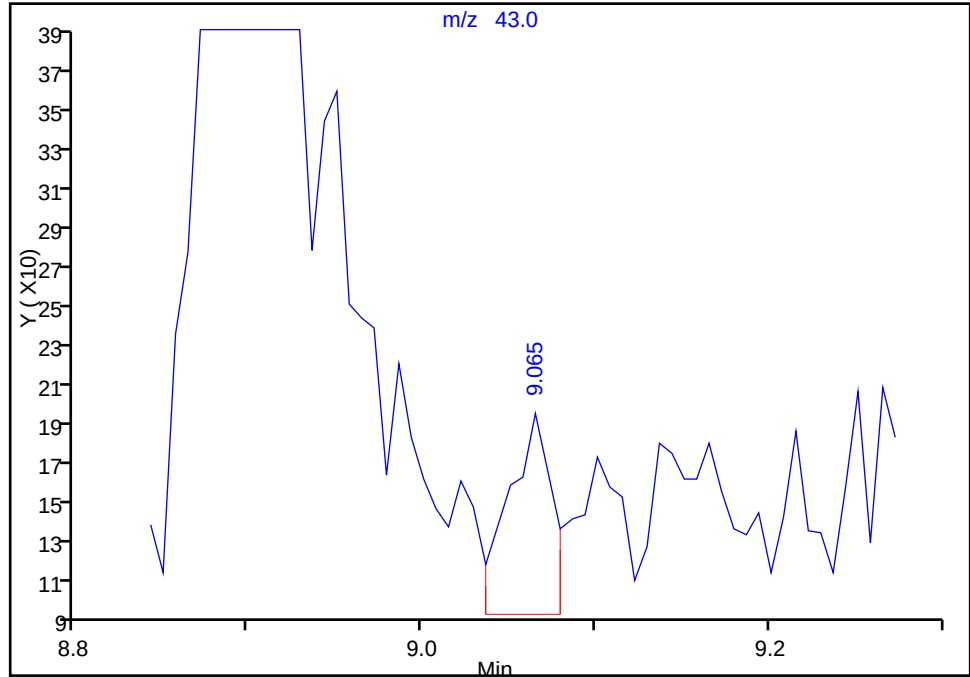
MS SCAN

102 Amyl acetate (mixed isomers), CAS: 628-63-7

Signal: 1

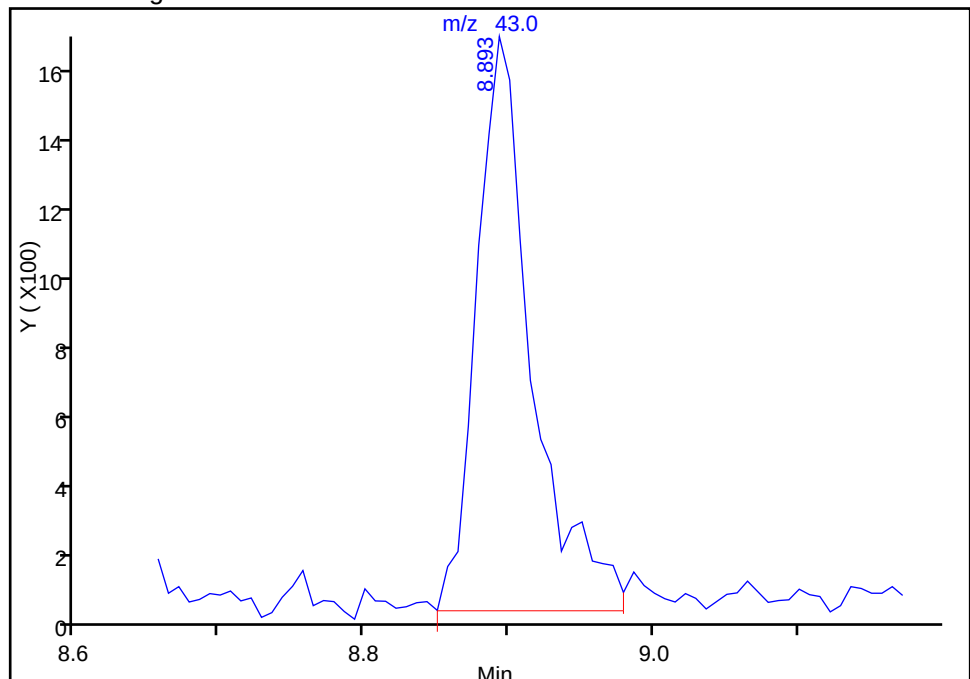
RT: 9.07
Area: 181
Amount: 0.039505
Amount Units: ug/l

Processing Integration Results



RT: 8.89
Area: 4171
Amount: 0.920609
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 17-Apr-2017 20:32:36

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

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

Lab Name: TestAmerica Edison Job No.: 460-135385-1 Analy Batch No.: 445170

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/22/2017 17:20 Calibration End Date: 06/23/2017 02:50 Calibration ID: 62990

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-445170/2	J573268.D
Level 2	STD1 460-445170/14	J573280.D
Level 3	STD5 460-445170/12	J573278.D
Level 4	STD20 460-445170/5	J573271.D
Level 5	STD50 460-445170/6	J573272.D
Level 6	STD200 460-445170/7	J573273.D
Level 7	STD500 460-445170/8	J573274.D

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								
Chlorotrifluoroethene	+++++ 0.0333	0.0311 0.0313	0.0331	0.0293	0.0255	Ave		0.0306				9.4		20.0			
Dichlorodifluoromethane	+++++ 0.3311	0.3806 0.3308	0.4440	0.2880	0.3372	Ave		0.3519			0.1000	15.3		20.0			
Chloromethane	+++++ 0.3492	0.3355 0.4173	0.3985	0.3664	0.3724	Ave		0.3732			0.1000	8.2		20.0			
Vinyl chloride	+++++ 0.3052	0.3823 0.3453	0.3826	0.3336	0.3370	Ave		0.3476			0.1000	8.7		20.0			
Butadiene	+++++ 0.2643	0.3449 0.2979	0.3364	0.2531	0.2835	Ave		0.2967				12.6		20.0			
Bromomethane	+++++ 0.2276	0.2421 0.2676	0.1824	0.2070	0.2083	Ave		0.2225			0.1000	13.5		20.0			
Chloroethane	+++++ 0.1693	0.2382 0.1770	0.2164	0.1924	0.1939	Ave		0.1979			0.1000	12.9		20.0			
Trichlorofluoromethane	+++++ 0.3664	0.4935 0.3662	0.4405	0.3624	0.3892	Ave		0.4030			0.1000	13.2		20.0			
Dichlorofluoromethane	+++++ 0.4329	0.5165 0.4391	0.5086	0.4605	0.4796	Ave		0.4729				7.4		20.0			
Pentane	+++++ 1.9406	3.7307 1.9196	2.7835	1.3538	1.4738	QuaF		1.8769	0.0000451						0.9990		0.9900
Ethanol	+++++ 0.0509	0.0657 0.0534	0.0498	0.0609	0.0618	Ave		0.0571				11.5		20.0			
Ethyl ether	+++++ 0.2116	0.2382 0.2069	0.2163	0.2116	0.2148	Ave		0.2165				5.1		20.0			
2-Methyl-1,3-butadiene	+++++ 0.1764	0.2442 0.2056	0.2195	0.1646	0.1593	Ave		0.1950				17.3		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2154	0.2432 0.2146	0.2199	0.1878	0.1834	Ave		0.2107				10.5		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.: 460-135385-1 Analy Batch No.: 445170
SDG No.: _____
Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 06/22/2017 17:20 Calibration End Date: 06/23/2017 02:50 Calibration ID: 62990

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-Trichloro-1,2,2-trifluoroethane	++++ 0.2191	0.2639 0.2035	0.2478	0.1498	0.1303	QuaF		0.2145	-0.000021		0.1000				0.9970		0.9900
Acrolein	++++ 1.0029	1.1928 1.0900	1.1936	0.9538	0.9391	Ave		1.0620				10.8		20.0			
1,1-Dichloroethene	++++ 0.2481	0.2907 0.2386	0.2193	0.2377	0.2204	Ave		0.2425			0.1000	10.8		20.0			
Acetone	++++ 0.8778	1.0299 0.7509	0.7918	0.9705	0.7288	Ave		0.8583			0.0500	14.3		20.0			
Iodomethane	++++ 0.3289	0.4086 0.2737	0.3625	0.3006	0.3274	Ave		0.3336				14.2		20.0			
Carbon disulfide	++++ 0.8440	1.0521 0.8351	0.8628	0.7976	0.7666	Ave		0.8597			0.1000	11.7		20.0			
Isopropyl alcohol	++++ 0.6511	1.1440 0.6569	0.4957	0.6648	0.7095	QuaF		0.6559	0.0000001						1.0000		0.9900
Allyl chloride	++++ 0.1396	0.1542 0.1347	0.1372	0.1350	0.1334	Ave		0.1390				5.6		20.0			
Cyclopentene	++++ 0.5386	0.6558 0.5835	0.6083	0.4793	0.4672	Ave		0.5554				13.4		20.0			
Methyl acetate	++++ 0.1710	0.1860 0.1735	0.1780	0.1628	0.1759	Ave		0.1745			0.1000	4.4		20.0			
Acetonitrile	++++ 2.1679	2.2872 2.1445	2.0199	2.0419	2.1944	Ave		2.1426				4.6		20.0			
Methylene Chloride	++++ 0.2769	0.4699 0.2744	0.2987	0.3070	0.2908	Lin2	0.1875	0.2797			0.1000				0.9980		0.9900
2-Methyl-2-propanol	++++ 1.0331	1.7726 1.0136	1.3507	0.9768	1.0221	Qua2	7.5392	1.0442	-0.000008						0.9920		0.9900
Methyl tert-butyl ether	++++ 0.6700	0.6454 0.6679	0.7198	0.6249	0.6657	Ave		0.6656			0.1000	4.8		20.0			
trans-1,2-Dichloroethene	++++ 0.2626	0.3777 0.2654	0.3005	0.2538	0.2483	Lin2	0.1216	0.2588			0.1000				0.9980		0.9900
Acrylonitrile	7.5304 5.6922	6.0187 5.3863	5.5742	5.3343	5.6786	Ave		5.8878				12.9		20.0			
Hexane	++++ 0.2351	0.3136 0.2174	0.2697	0.1319	0.1245	QuaF		0.2280	-0.000020						0.9960		0.9900
Isopropyl ether	++++ 0.7857	0.7805 0.8086	0.7948	0.7498	0.7817	Ave		0.7835				2.5		20.0			
1,1-Dichloroethane	++++ 0.4563	0.4824 0.4737	0.4879	0.4402	0.4306	Ave		0.4619			0.2000	5.0		20.0			
Vinyl acetate	++++ 0.4617	0.5157 0.4941	0.4570	0.3307	0.4678	Ave		0.4545				14.2		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.: 460-135385-1 Analy Batch No.: 445170
SDG No.: _____
Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 06/22/2017 17:20 Calibration End Date: 06/23/2017 02:50 Calibration ID: 62990

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	++++ 0.2125	0.2677 0.2263	0.2139	0.1977	0.1999	Ave		0.2197				11.7		20.0			
Tert-butyl ethyl ether	++++ 0.7144	0.7555 0.7383	0.7358	0.7118	0.7118	Ave		0.7279				2.5		20.0			
2,2-Dichloropropane	++++ 0.0995	0.1468 0.0977	0.1258	0.0991	0.0912	Lin2	0.0505	0.0993							0.9920		0.9900
cis-1,2-Dichloroethene	++++ 0.2946	0.3154 0.3047	0.3049	0.2727	0.2794	Ave		0.2953			0.1000	5.6		20.0			
2-Butanone (MEK)	++++ 0.3053	0.2768 0.3053	0.3248	0.3334	0.3018	Ave		0.3079			0.0500	6.4		20.0			
Ethyl acetate	++++ 0.2894	0.2046 0.2841	0.2384	0.2714	0.2709	Ave		0.2598				12.4		20.0			
Methyl acrylate	++++ 0.2033	0.2136 0.2082	0.1917	0.2069	0.2044	Ave		0.2047				3.6		20.0			
Propionitrile	++++ 2.0225	2.1740 1.9737	1.8226	1.8886	2.0027	Ave		1.9807				6.1		20.0			
Tetrahydrofuran	++++ 0.3461	0.5309 0.3533	0.3403	0.3473	0.3090	Lin2	0.3917	0.3295							0.9950		0.9900
Chlorobromomethane	++++ 0.1243	0.1210 0.1193	0.1376	0.1442	0.1314	Ave		0.1296				7.6		20.0			
Methacrylonitrile	++++ 0.1015	0.0998 0.1021	0.1035	0.1026	0.1032	Ave		0.1021				1.3		20.0			
Chloroform	++++ 0.4594	0.3913 0.4632	0.4681	0.4454	0.4477	Ave		0.4459			0.2000	6.3		20.0			
Cyclohexane	++++ 0.3578	0.4839 0.3474	0.4355	0.2374	0.2170	QuaF		0.3420	0.0000122		0.1000				0.9980		0.9900
1,1,1-Trichloroethane	++++ 0.3741	0.4756 0.3718	0.3839	0.3480	0.3333	Ave		0.3811			0.1000	13.1		20.0			
Carbon tetrachloride	++++ 0.2979	0.3873 0.2874	0.3284	0.2729	0.2628	Ave		0.3061			0.1000	15.0		20.0			
1,1-Dichloropropene	++++ 0.3394	0.3652 0.3352	0.3553	0.3140	0.2935	Ave		0.3338				7.9		20.0			
Isobutyl alcohol	++++ 0.6753	0.7414 0.6573	0.7022	0.5669	0.6338	Ave		0.6628				9.0		20.0			
2,2,4-Trimethylpentane	++++ 0.4085	0.5730 0.4138	0.4792	0.3041	0.3173	QuaF		0.3906	0.0000475						0.9990		0.9900
Benzene	++++ 1.4019	1.6803 1.3563	1.5559	1.3697	1.3279	Ave		1.4487			0.5000	9.6		20.0			
Tert-amyl methyl ether	++++ 0.7871	0.7508 0.8167	0.7130	0.7793	0.7757	Ave		0.7704				4.6		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.: 460-135385-1 Analy Batch No.: 445170
SDG No.: _____
Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 06/22/2017 17:20 Calibration End Date: 06/23/2017 02:50 Calibration ID: 62990

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								
Isopropyl acetate	++++ 0.6968	0.7949 0.7043	0.6464	0.6220	0.6987	Ave		0.6939				8.6		20.0			
1,2-Dichloroethane	++++ 0.3368	0.3432 0.3287	0.3409	0.3353	0.3394	Ave		0.3374			0.1000	1.5		20.0			
n-Heptane	++++ 0.1024	0.1021 0.0949	0.1070	0.0523	0.0524	QuaF		0.0988	-0.000007						0.9960		0.9900
n-Butanol	++++ 0.2939	0.2950 0.3086	0.2315	0.2756	0.2937	Ave		0.2831				9.7		20.0			
Trichloroethene	++++ 0.2717	0.3059 0.2675	0.2874	0.2613	0.2573	Ave		0.2752			0.2000	6.7		20.0			
Methylcyclohexane	++++ 0.3046	0.3153 0.2738	0.3060	0.1737	0.1718	QuaF		0.3014	-0.000054		0.1000				0.9960		0.9900
Ethyl acrylate	++++ 0.5263	0.5632 0.5128	0.4818	0.4038	0.4262	Ave		0.4857				12.6		20.0			
1,2-Dichloropropane	++++ 0.2600	0.3125 0.2680	0.2762	0.2487	0.2514	Ave		0.2695			0.1000	8.7		20.0			
Methyl methacrylate	++++ 0.0670	0.0514 0.0702	0.0705	0.0651	0.0678	Ave		0.0653				10.9		20.0			
1,4-Dioxane	++++ 0.7385	1.1714 0.7077	0.6279	0.8596	0.8880	QuaF		0.7797	-0.000007						1.0000		0.9900
Dibromomethane	++++ 0.1583	0.1763 0.1526	0.1669	0.1604	0.1576	Ave		0.1620				5.2		20.0			
n-Propyl acetate	++++ 0.3314	0.3126 0.3448	0.3015	0.3150	0.3084	Ave		0.3190				5.1		20.0			
Bromodichloromethane	++++ 0.3421	0.3775 0.3428	0.3646	0.3217	0.3367	Ave		0.3476			0.2000	5.8		20.0			
2-Chloroethyl vinyl ether	++++ 0.1544	0.1231 0.1583	0.1573	0.1381	0.1598	Ave		0.1485				9.9		20.0			
2-Nitropropane	++++ 0.0593	0.0695 0.0608	0.0581	0.0565	0.0599	Ave		0.0607				7.5		20.0			
Epichlorohydrin	0.1955 0.2504	0.2768 0.2448	0.2508	0.2521	0.2475	Ave		0.2454				10.0		20.0			
cis-1,3-Dichloropropene	++++ 0.5335	0.5827 0.5100	0.5640	0.5331	0.5093	Ave		0.5388			0.2000	5.5		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 2.5202	2.0902 2.4885	2.4396	2.4859	2.4541	Ave		2.4131			0.0500	6.7		20.0			
Toluene	++++ 1.5136	1.9683 1.4508	1.6739	1.4364	1.4237	Ave		1.5778			0.4000	13.5		20.0			
trans-1,3-Dichloropropene	++++ 0.4772	0.5725 0.4637	0.5014	0.4663	0.4735	Ave		0.4924			0.1000	8.4		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.: 460-135385-1 Analy Batch No.: 445170
SDG No.: _____
Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 06/22/2017 17:20 Calibration End Date: 06/23/2017 02:50 Calibration ID: 62990

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								
Ethyl methacrylate	++++ 0.3223	0.2779 0.3338	0.2523	0.2867	0.3154	Ave		0.2981				10.4		20.0			
1,1,2-Trichloroethane	++++ 0.2785	0.3016 0.2740	0.3021	0.2795	0.2709	Ave		0.2844			0.1000	4.9		20.0			
Tetrachloroethene	++++ 0.3449	0.3918 0.3426	0.4037	0.3255	0.3064	Ave		0.3525			0.2000	10.8		20.0			
1,3-Dichloropropane	++++ 0.5230	0.6141 0.5121	0.5297	0.5193	0.5114	Ave		0.5349				7.4		20.0			
2-Hexanone	++++ 1.0109	0.8678 0.9961	0.8924	1.0172	0.9566	Ave		0.9568			0.0500	6.6		20.0			
n-Butyl acetate	++++ 0.4847	0.4545 0.4852	0.4611	0.4524	0.4548	Ave		0.4654				3.3		20.0			
Dibromochloromethane	++++ 0.3801	0.3165 0.3692	0.3357	0.3506	0.3615	Ave		0.3523			0.1000	6.6		20.0			
1,2-Dibromoethane	++++ 0.3247	0.3014 0.3184	0.3391	0.2997	0.3258	Ave		0.3182			0.1000	4.8		20.0			
Chlorobenzene	++++ 0.9833	1.1406 0.9682	1.0524	0.9846	0.9468	Ave		1.0126			0.5000	7.1		20.0			
Ethylbenzene	++++ 0.5259	0.5202 0.5286	0.5254	0.5147	0.4761	Ave		0.5152			0.1000	3.8		20.0			
1,1,1,2-Tetrachloroethane	++++ 0.3621	0.3995 0.3637	0.3828	0.3342	0.3421	Ave		0.3640				6.7		20.0			
m&p-Xylene	++++ 0.6636	0.5599 0.6513	0.6793	0.5925	0.6005	Ave		0.6245			0.1000	7.5		20.0			
n-Butyl acrylate	++++ 0.2592	0.1839 0.2749	0.2206	0.2250	0.2445	Ave		0.2347				13.7		20.0			
o-Xylene	++++ 0.6623	0.6237 0.6590	0.6675	0.6027	0.6175	Ave		0.6388			0.3000	4.3		20.0			
Styrene	++++ 1.1636	0.8312 1.1445	1.0855	1.0586	1.1016	Ave		1.0642			0.3000	11.3		20.0			
Amyl acetate (mixed isomers)	++++ 1.1205	0.9968 1.1513	0.9282	1.0162	0.9985	Ave		1.0352				8.1		20.0			
Bromoform	++++ 0.2409	0.2297 0.2475	0.2503	0.2379	0.2436	Ave		0.2417			0.1000	3.0		20.0			
Isopropylbenzene	++++ 1.5649	1.4753 1.4952	1.4566	1.3879	1.4033	Ave		1.4639			0.1000	4.4		20.0			
Bromobenzene	++++ 0.8407	0.8593 0.8484	0.8098	0.7596	0.7592	Ave		0.8128				5.5		20.0			
1,1,2,2-Tetrachloroethane	++++ 0.7058	0.7736 0.7314	0.7172	0.6807	0.6987	Ave		0.7179			0.3000	4.5		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.: 460-135385-1 Analy Batch No.: 445170
SDG No.: _____
Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 06/22/2017 17:20 Calibration End Date: 06/23/2017 02:50 Calibration ID: 62990

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								
N-Propylbenzene	++++ 3.4286	3.5922 3.2713	3.1810	2.9428	2.8560	Ave		3.2120				8.8		20.0			
1,2,3-Trichloropropane	++++ 0.2274	0.2019 0.2250	0.2257	0.2353	0.2221	Ave		0.2229				5.0		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.1981	0.2533 0.2019	0.1952	0.1765	0.1720	Ave		0.1995				14.5		20.0			
2-Chlorotoluene	++++ 2.4830	2.6554 2.4301	2.4395	2.2428	2.1765	Ave		2.4045				7.2		20.0			
4-Ethyltoluene	++++ 2.8838	2.8960 2.9166	2.7702	2.6366	2.5764	Ave		2.7799				5.2		20.0			
1,3,5-Trimethylbenzene	++++ 2.4966	2.1794 2.3635	2.3606	2.2163	2.1575	Ave		2.2957				5.8		20.0			
4-Chlorotoluene	++++ 2.2724	2.2054 2.1787	2.2014	2.0108	2.0650	Ave		2.1556				4.5		20.0			
Butyl Methacrylate	++++ 0.9854	0.8850 1.0013	0.7721	0.8658	0.8918	Ave		0.9002				9.3		20.0			
tert-Butylbenzene	++++ 1.9944	1.7819 1.8594	1.8674	1.6218	1.6597	Ave		1.7974				7.8		20.0			
1,2,4-Trimethylbenzene	++++ 2.6142	2.2967 2.4441	2.4077	2.4091	2.3147	Ave		2.4144				4.7		20.0			
sec-Butylbenzene	++++ 2.7299	2.7943 2.4728	2.5776	2.2496	2.2081	Ave		2.5054				9.7		20.0			
4-Isopropyltoluene	++++ 2.3506	2.2941 2.2218	2.2784	2.0711	2.0040	Ave		2.2033				6.2		20.0			
1,3-Dichlorobenzene	++++ 1.4157	1.5111 1.4388	1.4521	1.3006	1.3069	Ave		1.4042			0.6000	6.0		20.0			
1,4-Dichlorobenzene	++++ 1.4705	1.9030 1.4995	1.5607	1.3602	1.3238	Ave		1.5196			0.5000	13.7		20.0			
1,2,3-Trimethylbenzene	++++ 2.5715	2.7534 2.5853	2.5699	2.4875	2.4430	Ave		2.5684				4.1		20.0			
Benzyl chloride	++++ 1.3485	1.4102 1.3913	1.3880	1.2162	1.2485	Ave		1.3338				6.1		20.0			
Indan	++++ 2.6493	2.7198 2.6341	2.6406	2.8078	2.6405	Ave		2.6820				2.6		20.0			
p-Diethylbenzene	++++ 1.2733	1.2817 1.2858	1.3181	1.2064	1.1480	Ave		1.2522				5.0		20.0			
n-Butylbenzene	++++ 2.2960	2.7508 2.1540	2.4570	2.0771	1.9573	Ave		2.2820				12.6		20.0			
1,2-Dichlorobenzene	++++ 1.3587	1.6933 1.3565	1.4540	1.2620	1.2419	Ave		1.3944			0.4000	11.8		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.: 460-135385-1 Analy Batch No.: 445170
SDG No.: _____
Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 06/22/2017 17:20 Calibration End Date: 06/23/2017 02:50 Calibration ID: 62990

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								
1,2,4,5-Tetramethylbenzene	++++ 2.0561	2.0382 2.0702	1.8143	1.8136	1.8697	Ave		1.9437				6.4		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.1149	0.1941 0.1181	0.1117	0.0968	0.1090	Qua2	0.0949	0.0978	0.0000466		0.0500				0.9960		0.9900
1,3,5-Trichlorobenzene	++++ 0.7540	1.0917 0.7884	0.8474	0.7059	0.7196	Lin2	0.3525	0.7428							0.9970		0.9900
1,2,4-Trichlorobenzene	++++ 0.6935	0.8463 0.6860	0.6804	0.6116	0.6303	Ave		0.6913			0.2000	12.0		20.0			
Hexachlorobutadiene	++++ 0.2585	0.4485 0.2466	0.3030	0.2250	0.1996	QuaF		0.2568	-0.000020						0.9990		0.9900
Naphthalene	++++ 1.8320	1.9522 1.7566	1.5751	1.6398	1.7037	Ave		1.7432				7.8		20.0			
1,2,3-Trichlorobenzene	++++ 0.4775	0.7546 0.4486	0.5161	0.4634	0.4518	Lin2	0.2996	0.4549							0.9990		0.9900
Dibromofluoromethane (Surr)	0.2000 0.2024	0.2030 0.1975	0.2023	0.1987	0.2041	Ave		0.2012				1.2		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2434 0.2430	0.2399 0.2352	0.2354	0.2396	0.2468	Ave		0.2405				1.8		20.0			
Toluene-d8 (Surr)	1.1318 1.1061	1.0980 1.0896	1.1471	1.1054	1.1282	Ave		1.1152				1.9		20.0			
4-Bromofluorobenzene	0.3426 0.3512	0.3341 0.3380	0.3436	0.3467	0.3379	Ave		0.3420				1.7		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
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-135385-1 Analy Batch No.: 445170

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/22/2017 17:20 Calibration End Date: 06/23/2017 02:50 Calibration ID: 62990

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-445170/2	J573268.D
Level 2	STD1 460-445170/14	J573280.D
Level 3	STD5 460-445170/12	J573278.D
Level 4	STD20 460-445170/5	J573271.D
Level 5	STD50 460-445170/6	J573272.D
Level 6	STD200 460-445170/7	J573273.D
Level 7	STD500 460-445170/8	J573274.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	++++ 53863	231 123481	1214	4512	9447	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	++++ 535376	2828 1305704	16280	44314	124793	++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	++++ 564619	2493 1647245	14609	56375	137843	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	++++ 493415	2841 1363072	14026	51330	124711	++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	++++ 427383	2563 1176150	12334	38952	104934	++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	++++ 367999	1799 1056314	6688	31858	77097	++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	++++ 273743	1770 698757	7934	29612	71760	++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	++++ 592399	3667 1445507	16150	55769	144041	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	++++ 699947	3838 1733244	18648	70858	177513	++++ 200	1.00 500	5.00	20.0	50.0
Pentane	TBAd 9	QuaF	++++ 99364	857 252545	3211	6748	17654	++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd 9	Ave	++++ 52145	302 140513	1150	6071	14795	++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	++++ 342076	1770 816567	7929	32558	79479	++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	++++ 285261	1815 811729	8049	25324	58966	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 348240	1807 847084	8061	28904	67867	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	QuaF	++++ 354194	1961 803348	9087	23056	48218	++++ 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.: 460-135385-1 Analy Batch No.: 445170

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/22/2017 17:20 Calibration End Date: 06/23/2017 02:50 Calibration ID: 62990

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
Acrolein	TBAd 9	Ave	++++ 25677	548 57359	2754	4754	11249	++++ 200	4.00 400	20.0	40.0	100
1,1-Dichloroethene	FB	Ave	++++ 401184	2160 941858	8040	36582	81577	++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	++++ 600550	3196 1273451	11609	62490	116844	++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	++++ 531870	3036 1080474	13289	46252	121180	++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	++++ 1364695	7818 3296408	31632	122722	283722	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd 9	QuaF	++++ 166701	1314 432083	2859	16568	42494	++++ 2000	10.0 5000	50.0	200	500
Allyl chloride	FB	Ave	++++ 225796	1146 531876	5032	20775	49374	++++ 200	1.00 500	5.00	20.0	50.0
Cyclopentene	FB	Ave	++++ 870878	4873 2303444	22304	73745	172899	++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	++++ 1382811	6911 3425245	32629	125264	325515	++++ 1000	5.00 2500	25.0	100	250
Acetonitrile	TBAd 9	Ave	++++ 555013	2627 1410689	11651	50890	131429	++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Lin2	++++ 447751	3492 1083048	10951	47246	107610	++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd 9	Qua2	++++ 264484	2036 666777	7791	24344	61215	++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	++++ 1083307	4796 2636590	26391	96148	246387	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Lin2	++++ 424558	2807 1047490	11018	39053	91884	++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	TBAd 9	Ave	1022 1457293	6913 3543189	32152	132943	340100	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	QuaF	++++ 380123	2330 858388	9887	20292	46063	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	++++ 1270423	5800 3191944	29142	115381	289309	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	++++ 737819	3585 1870103	17888	67742	159370	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	++++ 1493030	7664 3901234	33512	101785	346277	++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	++++ 343629	1989 893278	7844	30419	73976	++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	++++ 1155081	5614 2914550	26979	109521	263437	++++ 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.: 460-135385-1 Analy Batch No.: 445170

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/22/2017 17:20 Calibration End Date: 06/23/2017 02:50 Calibration ID: 62990

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	Lin2	++++ 160816	1091 385675	4614	15244	33743	++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	++++ 476331	2344 1202955	11178	41954	103410	++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	++++ 208875	859 517726	4762	21470	48381	++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Ave	++++ 79199	254 192731	1398	6990	17375	++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	++++ 328701	1587 821859	7027	31840	75635	++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd 9	Ave	++++ 517800	2497 1298338	10513	47068	119947	++++ 2000	10.0 5000	50.0	200	500
Tetrahydrofuran	BUT	Lin2	++++ 94703	659 239678	1996	8944	19819	++++ 400	2.00 1000	10.0	40.0	100
Chlorobromomethane	FB	Ave	++++ 201019	899 470911	5044	22183	48625	++++ 200	1.00 500	5.00	20.0	50.0
Methacrylonitrile	FB	Ave	++++ 1640950	7416 4031115	37962	157919	382034	++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	++++ 742829	2908 1828630	17164	68540	165702	++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	QuaF	++++ 578510	3596 1371232	15966	36531	80319	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	++++ 604963	3534 1467724	14077	53550	123361	++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	++++ 481633	2878 1134486	12039	41985	97273	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	++++ 548733	2714 1323177	13026	48310	108631	++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd 9	Ave	++++ 432200	2129 1080950	10126	35324	94897	++++ 5000	25.0 12500	125	500	1250
2,2,4-Trimethylpentane	FB	QuaF	++++ 660444	4258 1633637	17570	46786	117427	++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZ d5	Ave	++++ 1685688	8770 4079117	40075	152877	369927	++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	++++ 1272661	5579 3223987	26142	119919	287072	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	++++ 1126724	5907 2780155	23699	95710	258589	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	++++ 544529	2550 1297673	12499	51600	125617	++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	QuaF	++++ 165619	759 374793	3923	8044	19385	++++ 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.: 460-135385-1 Analy Batch No.: 445170

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/22/2017 17:20 Calibration End Date: 06/23/2017 02:50 Calibration ID: 62990

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-Butanol	TBA d 9	Ave	++++ 188089	847 507500	3338	17174	43982	++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	++++ 439340	2273 1055927	10539	40207	95213	++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	QuaF	++++ 492496	2343 1081005	11220	26733	63567	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	++++ 851007	4185 2024108	17665	62131	157752	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	++++ 420453	2322 1058063	10125	38271	93057	++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	++++ 216783	764 554263	5166	20042	50219	++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	QuaF	++++ 63914	899 170452	994	5780	17163	++++ 4000	50.0 10000	100	400	1000
Dibromomethane	FB	Ave	++++ 255943	1310 602369	6118	24681	58326	++++ 200	1.00 500	5.00	20.0	50.0
n-Propyl acetate	FB	Ave	++++ 535890	2323 1361238	11053	48477	114139	++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	++++ 553190	2805 1353296	13368	49502	124622	++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	++++ 249645	915 624981	5769	21244	59149	++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	++++ 191748	1033 480315	4262	17385	44308	++++ 400	2.00 1000	10.0	40.0	100
Epichlorohydrin	BUT	Ave	359 685222	3436 1660891	14709	64928	158752	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 641500	3041 1533839	14528	59505	141893	++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 1724251	6486 4220561	35769	160070	393471	++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	++++ 1820001	10273 4363442	43114	160319	396615	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 573790	2988 1394621	12915	52047	131908	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	FB	Ave	++++ 521214	2065 1317722	9251	44110	116734	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 334833	1574 824145	7780	31197	75471	++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	++++ 414704	2045 1030471	10398	36330	85343	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 628911	3205 1540165	13643	57965	142467	++++ 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.: 460-135385-1 Analy Batch No.: 445170

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/22/2017 17:20 Calibration End Date: 06/23/2017 02:50 Calibration ID: 62990

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-Hexanone	BUT	Ave	++++ 691639	2693 1689327	13085	65500	153369	++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBNZ d5	Ave	++++ 582865	2372 1459298	11876	50489	126695	++++ 200	1.00 500	5.00	20.0	50.0
Dibromochloromethane	CBNZ d5	Ave	++++ 457020	1652 1110243	8646	39136	100702	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromoethane	CBNZ d5	Ave	++++ 390381	1573 957458	8734	33451	90752	++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	++++ 1182306	5953 2911890	27107	109899	263761	++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	++++ 632350	2715 1589648	13534	57453	132640	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 435423	2085 1093712	9859	37298	95300	++++ 200	1.00 500	5.00	20.0	50.0
m&p-Xylene	CBNZ d5	Ave	++++ 797927	2922 1958877	17497	66127	167278	++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	++++ 311655	960 826805	5683	25114	68119	++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	++++ 796358	3255 1981954	17194	67269	172030	++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	++++ 1399103	4338 3442134	27960	118157	306880	++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	++++ 691056	2676 1769643	13047	60591	154202	++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Ave	++++ 289612	1199 744481	6448	26550	67860	++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	++++ 1881683	7700 4496970	37519	154908	390941	++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	++++ 518477	2307 1304038	11383	45292	117252	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	++++ 435309	2077 1124220	10081	40585	107911	++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	++++ 2114480	9644 5028291	44715	175471	441085	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	++++ 140266	542 345906	3172	14028	34302	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	++++ 122145	680 310273	2744	10527	26571	++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	++++ 1531341	7129 3735178	34291	133729	336135	++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	++++ 1778479	7775 4483005	38940	157214	397891	++++ 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.: 460-135385-1 Analy Batch No.: 445170

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/22/2017 17:20 Calibration End Date: 06/23/2017 02:50 Calibration ID: 62990

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
1,3,5-Trimethylbenzene	DCBd 4	Ave	++++ 1539731	5851 3632820	33183	132152	333199	++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	++++ 1401407	5921 3348755	30945	119897	318910	++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Ave	++++ 607702	2376 1539100	10853	51624	137721	++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	++++ 1229992	4784 2858090	26249	96701	256327	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 1612213	6166 3756702	33845	143648	357480	++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	++++ 1683574	7502 3800838	36233	134138	341019	++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 1449639	6159 3415068	32027	123492	309501	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 873100	4057 2211548	20412	77549	201836	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 906900	5109 2304837	21939	81107	204452	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 1585869	7392 3973828	36125	148320	377295	++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	++++ 831665	3786 2138506	19511	72516	192821	++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	++++ 1633881	7302 4048788	37119	167420	407800	++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	++++ 785280	3441 1976311	18528	71931	177293	++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	++++ 1415963	7385 3310877	34537	123848	302290	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 837916	4546 2084994	20438	75249	191793	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 1268059	5472 3182013	25503	108142	288754	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Qua2	++++ 70846	521 181486	1570	5769	16829	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Lin2	++++ 465029	2931 1211890	11912	42090	111142	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	++++ 427713	2272 1054391	9564	36466	97350	++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	QuaF	++++ 159450	1204 379093	4259	13417	30823	++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	++++ 1129836	5241 2700064	22141	97775	263111	++++ 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.: 460-135385-1 Analy Batch No.: 445170

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/22/2017 17:20 Calibration End Date: 06/23/2017 02:50 Calibration ID: 62990

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
1,2,3-Trichlorobenzene	DCBd 4	Lin2	+++++ 294495	2026 689540	7255	27631	69771	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	47659 81815	75419 77966	74176	76453	75541	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	58001 98239	89141 92852	86325	92152	91329	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	195255 332502	286547 327690	295450	308443	314281	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	59106 105576	87195 101662	88496	96752	94135	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
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573268.D
 Lims ID: STD7
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 22-Jun-2017 17:20:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD7
 Misc. Info.: 460-0056810-002
 Operator ID: Instrument ID: CVOAMS8
 Sublist: chrom-8260_W8*sub49
 Method: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\8260_W8.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Jun-2017 00:39:57 Calib Date: 23-Jun-2017 02:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK020

First Level Reviewer: desais

Date: 23-Jun-2017 09:49:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.724	2.730	-0.006	85	67858	1000.0	1000.0	
31 Acrylonitrile	53	3.064	3.053	0.011	41	1022	2.00	2.56	
* 39 2-Butanone-d5	46	4.034	4.040	-0.006	85	91827	250.0	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.598	4.599	-0.001	97	47659	50.0	49.7	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.009	5.010	-0.001	97	58001	50.0	50.6	
* 62 Fluorobenzene	96	5.321	5.321	0.000	99	238285	50.0	50.0	
* 68 1,4-Dioxane-d8	96	6.126	6.132	-0.006	93	9546	1000.0	1000.0	M
76 Epichlorohydrin	57	6.878	6.884	-0.006	3	359	5.00	3.98	
\$ 79 Toluene-d8 (Surr)	98	7.201	7.201	0.000	100	195255	50.0	50.7	
* 90 Chlorobenzene-d5	117	9.140	9.134	0.006	86	172512	50.0	50.0	
\$ 101 4-Bromofluorobenzene	174	10.368	10.368	0.000	93	59106	50.0	50.1	
* 117 1,4-Dichlorobenzene-d4	152	11.278	11.279	-0.001	95	90831	50.0	50.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACRY/EPIH MIX_00035	Amount Added: 2.00	Units: uL	
Ethanol mix_00002	Amount Added: 0.00	Units: uL	
MIX 2 Hi_00057	Amount Added: 0.00	Units: uL	
MIX I Hi_00074	Amount Added: 0.00	Units: uL	
GAS Hi_00206	Amount Added: 0.00	Units: uL	
14DIOXINTER_00070	Amount Added: 0.00	Units: uL	
ACROLEIN W_00065	Amount Added: 0.00	Units: uL	
8260ISNEW_00111	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00157	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS8\\20170622-56810.b\\J573268.D

Injection Date: 22-Jun-2017 17:20:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: STD7

Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL

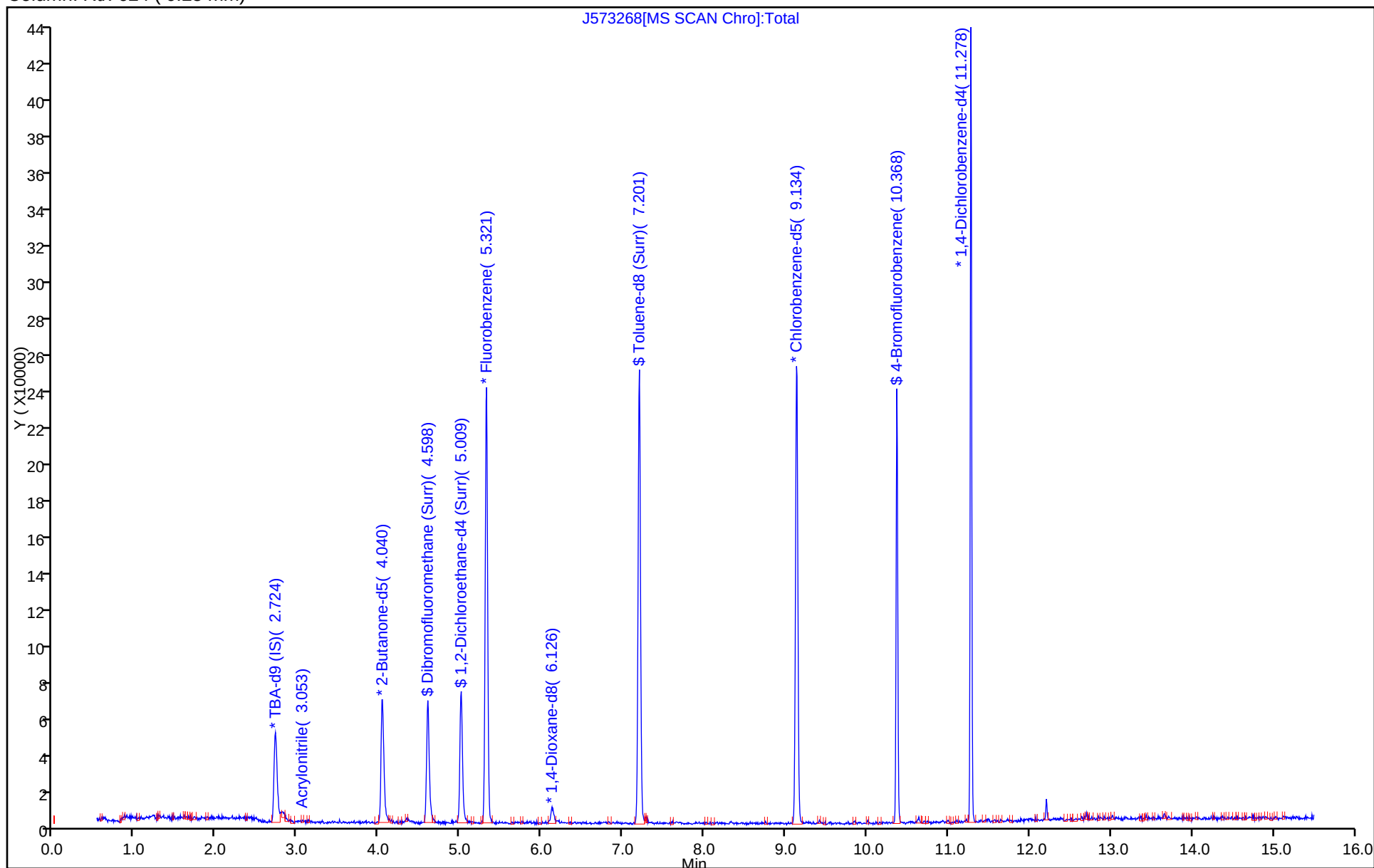
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: 8260_W8

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573268.D

Injection Date: 22-Jun-2017 17:20:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

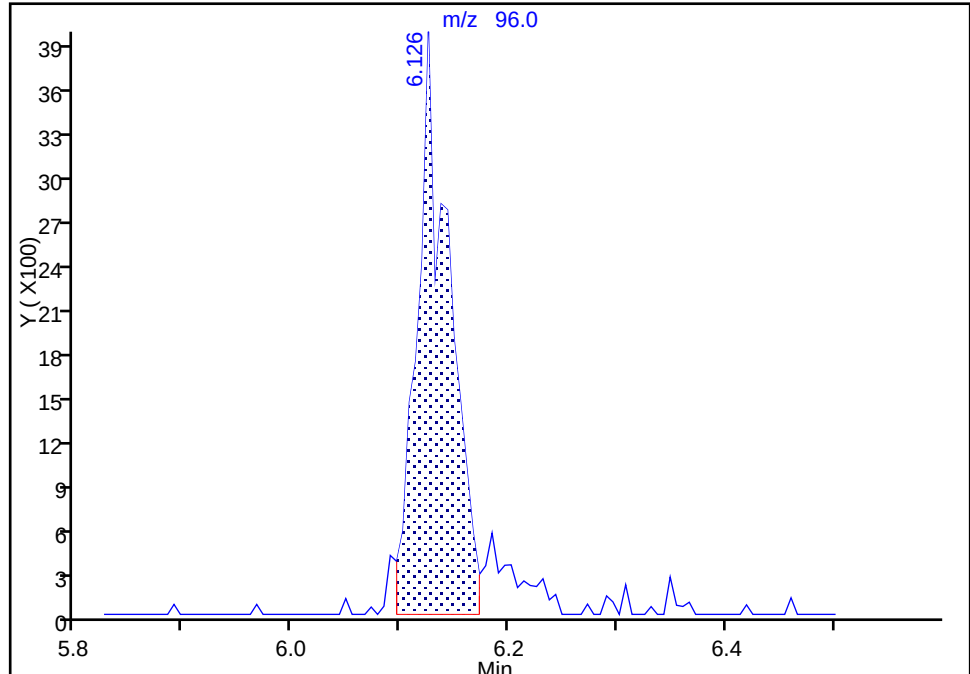
MS SCAN

* 68 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

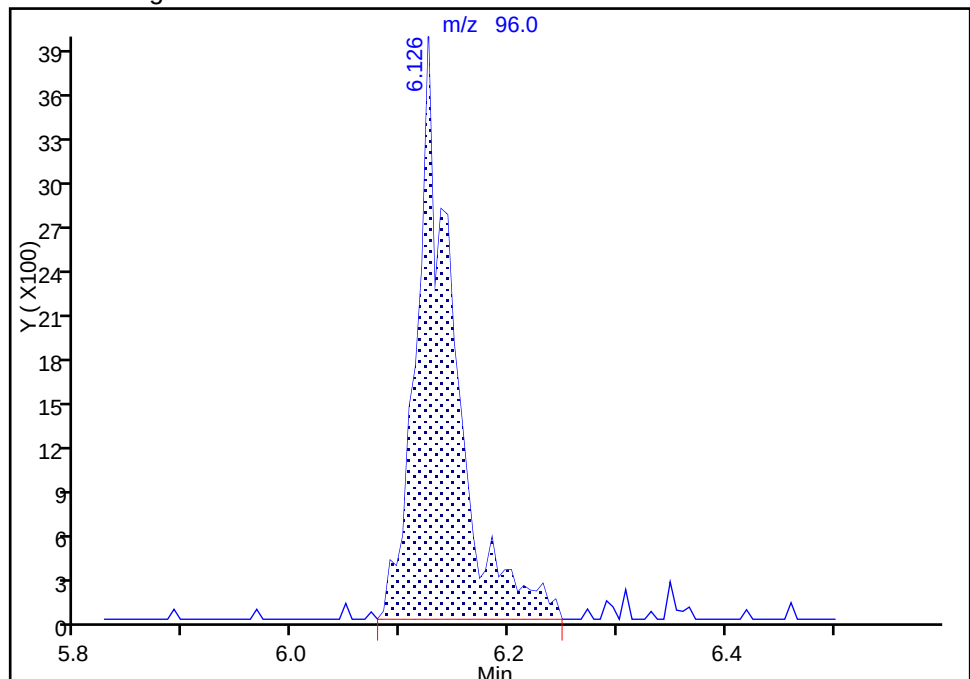
RT: 6.13
Area: 8284
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 6.13
Area: 9546
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 25-Jun-2017 23:01:52

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573271.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 3
 Inject. Date: 22-Jun-2017 18:47:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0056810-005
 Operator ID: Instrument ID: CVOAMS8
 Sublist: chrom-8260_W8*sub49
 Method: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\8260_W8.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Jun-2017 00:39:41 Calib Date: 23-Jun-2017 02:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK020

First Level Reviewer: desais

Date: 23-Jun-2017 09:36:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.592	0.592	0.000	85	4512	20.0	19.2	
2 Dichlorodifluoromethane	85	0.627	0.627	0.000	98	44314	20.0	16.4	
3 Chloromethane	50	0.838	0.838	0.000	100	56375	20.0	19.6	
4 Vinyl chloride	62	0.932	0.932	0.000	99	51330	20.0	19.2	
5 Butadiene	54	0.962	0.962	0.000	95	38952	20.0	17.1	
6 Bromomethane	94	1.267	1.267	0.000	97	31858	20.0	18.6	
7 Chloroethane	64	1.373	1.373	0.000	99	29612	20.0	19.5	
8 Dichlorofluoromethane	67	1.602	1.602	0.000	97	70858	20.0	19.5	
9 Trichlorofluoromethane	101	1.602	1.602	0.000	69	55769	20.0	18.0	
10 Pentane	72	1.649	1.649	0.000	98	6748	40.0	28.8	
11 Ethanol	46	1.890	1.890	0.000	85	6071	800.0	853.3	
12 Ethyl ether	59	1.902	1.902	0.000	97	32558	20.0	19.5	
13 2-Methyl-1,3-butadiene	53	1.925	1.925	0.000	95	25324	20.0	16.9	
14 1,2-Dichloro-1,1,2-trifluo	117	1.966	1.966	0.000	95	28904	20.0	17.8	
15 1,1,2-Trichloro-1,2,2-trif	101	2.102	2.102	0.000	96	23056	20.0	14.0	
16 Acrolein	56	2.125	2.125	0.000	26	4754	40.0	35.9	
17 1,1-Dichloroethene	96	2.149	2.149	0.000	97	36582	20.0	19.6	
18 Acetone	43	2.278	2.278	0.000	87	62490	100.0	113.1	
19 Iodomethane	142	2.337	2.337	0.000	99	46252	20.0	18.0	
20 Carbon disulfide	76	2.366	2.366	0.000	98	122722	20.0	18.6	
21 Isopropyl alcohol	45	2.413	2.413	0.000	97	16568	200.0	202.7	
22 3-Chloro-1-propene	76	2.554	2.554	0.000	74	20775	20.0	19.4	
23 Cyclopentene	67	2.566	2.566	0.000	86	73745	20.0	17.3	
24 Methyl acetate	43	2.583	2.583	0.000	99	125264	100.0	93.3	
25 Acetonitrile	41	2.654	2.654	0.000	98	50890	200.0	190.6	
26 Methylene Chloride	84	2.718	2.718	0.000	91	47246	20.0	21.3	
* 27 TBA-d9 (IS)	65	2.730	2.730	0.000	97	124612	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.818	2.818	0.000	98	24344	200.0	180.1	
29 Methyl tert-butyl ether	73	2.912	2.912	0.000	97	96148	20.0	18.8	
30 trans-1,2-Dichloroethene	96	2.948	2.948	0.000	95	39053	20.0	19.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.053	3.053	0.000	96	132943	200.0	181.2	
32 Hexane	57	3.142	3.142	0.000	92	20292	20.0	11.6	
33 Isopropyl ether	45	3.406	3.406	0.000	97	115381	20.0	19.1	
34 1,1-Dichloroethane	63	3.441	3.441	0.000	98	67742	20.0	19.1	
35 Vinyl acetate	43	3.471	3.471	0.000	100	101785	40.0	29.1	
36 2-Chloro-1,3-butadiene	88	3.494	3.494	0.000	91	30419	20.0	18.0	
37 Tert-butyl ethyl ether	59	3.794	3.794	0.000	88	109521	20.0	19.6	
38 2,2-Dichloropropane	79	4.035	4.035	0.000	66	15244	20.0	19.5	
* 39 2-Butanone-d5	46	4.040	4.040	0.000	100	160976	250.0	250.0	
40 cis-1,2-Dichloroethene	96	4.076	4.076	0.000	97	41954	20.0	18.5	
41 2-Butanone (MEK)	72	4.105	4.105	0.000	97	21470	100.0	108.3	
42 Ethyl acetate	70	4.123	4.123	0.000	95	6990	40.0	41.8	
43 Methyl acrylate	55	4.170	4.170	0.000	99	31840	20.0	20.2	
44 Propionitrile	54	4.270	4.270	0.000	98	47068	200.0	190.7	
45 Tetrahydrofuran	72	4.340	4.340	0.000	75	8944	40.0	41.0	
46 Chlorobromomethane	128	4.346	4.346	0.000	85	22183	20.0	22.2	
47 Methacrylonitrile	67	4.387	4.387	0.000	92	157919	200.0	201.0	
48 Chloroform	83	4.411	4.411	0.000	97	68540	20.0	20.0	
49 Cyclohexane	56	4.540	4.540	0.000	91	36531	20.0	13.9	
50 1,1,1-Trichloroethane	97	4.563	4.563	0.000	97	53550	20.0	18.3	
\$ 51 Dibromofluoromethane (Surr	113	4.599	4.599	0.000	97	76453	50.0	49.4	
52 Carbon tetrachloride	117	4.704	4.704	0.000	97	41985	20.0	17.8	
53 1,1-Dichloropropene	75	4.746	4.746	0.000	97	48310	20.0	18.8	
58 Isobutyl alcohol	43	4.934	4.934	0.000	82	35324	500.0	427.7	
54 Isooctane	57	4.939	4.939	0.000	90	46786	20.0	15.5	
55 Benzene	78	4.981	4.981	0.000	96	152877	20.0	18.9	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.010	5.010	0.000	95	92152	50.0	49.8	
59 Isopropyl acetate	43	5.057	5.057	0.000	90	95710	20.0	17.9	
57 Tert-amyl methyl ether	73	5.057	5.057	0.000	81	119919	20.0	20.2	
60 1,2-Dichloroethane	62	5.098	5.098	0.000	95	51600	20.0	19.9	
61 n-Heptane	57	5.163	5.163	0.000	88	8044	20.0	10.6	
* 62 Fluorobenzene	96	5.321	5.321	0.000	99	384684	50.0	50.0	
63 n-Butanol	56	5.703	5.703	0.000	85	17174	500.0	486.9	
64 Trichloroethene	95	5.721	5.721	0.000	98	40207	20.0	19.0	
65 Methylcyclohexane	83	5.850	5.850	0.000	83	26733	20.0	11.6	
66 Ethyl acrylate	55	5.874	5.874	0.000	76	62131	20.0	16.6	
67 1,2-Dichloropropane	63	6.056	6.056	0.000	87	38271	20.0	18.5	
* 68 1,4-Dioxane-d8	96	6.132	6.132	0.000	90	16811	1000.0	1000.0	
69 Methyl methacrylate	100	6.150	6.150	0.000	92	20042	40.0	39.9	
70 1,4-Dioxane	88	6.185	6.185	0.000	57	5780	400.0	442.8	
71 Dibromomethane	93	6.209	6.209	0.000	71	24681	20.0	19.8	
72 n-Propyl acetate	43	6.220	6.220	0.000	99	48477	20.0	19.8	
73 Dichlorobromomethane	83	6.385	6.385	0.000	100	49502	20.0	18.5	
74 2-Nitropropane	41	6.761	6.761	0.000	80	17385	40.0	37.2	
75 2-Chloroethyl vinyl ether	63	6.767	6.767	0.000	73	21244	20.0	18.6	
76 Epichlorohydrin	57	6.884	6.884	0.000	99	64928	400.0	410.9	
77 cis-1,3-Dichloropropene	75	6.937	6.937	0.000	92	59505	20.0	19.8	
78 4-Methyl-2-pentanone (MIBK	43	7.119	7.119	0.000	97	160070	100.0	103.0	
\$ 79 Toluene-d8 (Surr)	98	7.201	7.201	0.000	100	308443	50.0	49.6	
80 Toluene	91	7.284	7.284	0.000	94	160319	20.0	18.2	
81 trans-1,3-Dichloropropene	75	7.677	7.677	0.000	95	52047	20.0	18.9	
82 Ethyl methacrylate	69	7.707	7.707	0.000	90	44110	20.0	19.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	7.912	7.912	0.000	96	31197	20.0	19.7	
84 Tetrachloroethene	166	7.942	7.942	0.000	94	36330	20.0	18.5	
85 1,3-Dichloropropane	76	8.136	8.136	0.000	94	57965	20.0	19.4	
86 2-Hexanone	58	8.200	8.200	0.000	97	65500	100.0	106.3	
87 n-Butyl acetate	43	8.324	8.324	0.000	98	50489	20.0	19.4	
88 Chlorodibromomethane	129	8.388	8.388	0.000	97	39136	20.0	19.9	
89 Ethylene Dibromide	107	8.559	8.559	0.000	100	33451	20.0	18.8	
* 90 Chlorobenzene-d5	117	9.134	9.134	0.000	85	279034	50.0	50.0	
91 Chlorobenzene	112	9.176	9.176	0.000	96	109899	20.0	19.4	
92 Ethylbenzene	106	9.264	9.264	0.000	98	57453	20.0	20.0	
93 1,1,1,2-Tetrachloroethane	131	9.287	9.287	0.000	94	37298	20.0	18.4	
94 m-Xylene & p-Xylene	106	9.417	9.417	0.000	96	66127	20.0	19.0	
95 n-Butyl acrylate	73	9.828	9.828	0.000	98	25114	20.0	19.2	
96 o-Xylene	106	9.845	9.845	0.000	92	67269	20.0	18.9	
97 Styrene	104	9.875	9.875	0.000	97	118157	20.0	19.9	
98 Amyl acetate (mixed isomer	43	10.045	10.045	0.000	91	60591	20.0	19.6	
99 Bromoform	173	10.080	10.080	0.000	96	26550	20.0	19.7	
100 Isopropylbenzene	105	10.180	10.180	0.000	96	154908	20.0	19.0	
\$ 101 4-Bromofluorobenzene	174	10.368	10.368	0.000	92	96752	50.0	50.7	
102 Bromobenzene	156	10.492	10.492	0.000	96	45292	20.0	18.7	
103 1,1,2,2-Tetrachloroethane	83	10.527	10.527	0.000	98	40585	20.0	19.0	
104 N-Propylbenzene	91	10.545	10.545	0.000	99	175471	20.0	18.3	
105 1,2,3-Trichloropropane	110	10.568	10.568	0.000	97	14028	20.0	21.1	
106 trans-1,4-Dichloro-2-buten	53	10.580	10.580	0.000	75	10527	20.0	17.7	
107 2-Chlorotoluene	91	10.639	10.639	0.000	96	133729	20.0	18.7	
108 4-Ethyltoluene	105	10.639	10.639	0.000	89	157214	20.0	19.0	
109 1,3,5-Trimethylbenzene	105	10.697	10.697	0.000	94	132152	20.0	19.3	
110 4-Chlorotoluene	91	10.738	10.738	0.000	97	119897	20.0	18.7	
111 Butyl Methacrylate	87	10.774	10.774	0.000	89	51624	20.0	19.2	
112 tert-Butylbenzene	119	10.944	10.944	0.000	94	96701	20.0	18.0	
113 1,2,4-Trimethylbenzene	105	10.991	10.991	0.000	97	143648	20.0	20.0	
114 sec-Butylbenzene	105	11.109	11.109	0.000	99	134138	20.0	18.0	
115 4-Isopropyltoluene	119	11.214	11.214	0.000	98	123492	20.0	18.8	
116 1,3-Dichlorobenzene	146	11.226	11.226	0.000	96	77549	20.0	18.5	
* 117 1,4-Dichlorobenzene-d4	152	11.279	11.279	0.000	94	149067	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.297	11.297	0.000	95	81107	20.0	17.9	
134 1,2,3-Trimethylbenzene	105	11.308	11.308	0.000	99	148320	20.0	19.4	
119 Benzyl chloride	91	11.402	11.402	0.000	99	72516	20.0	18.2	
120 2,3-Dihydroindene	117	11.455	11.455	0.000	94	167420	20.0	20.9	
121 p-Diethylbenzene	119	11.485	11.485	0.000	94	71931	20.0	19.3	
122 n-Butylbenzene	91	11.502	11.502	0.000	96	123848	20.0	18.2	
123 1,2-Dichlorobenzene	146	11.567	11.567	0.000	96	75249	20.0	18.1	
124 1,2,4,5-Tetramethylbenzene	119	12.008	12.008	0.000	98	108142	20.0	18.7	
125 1,2-Dibromo-3-Chloropropan	155	12.107	12.107	0.000	96	5769	20.0	18.6	
126 1,3,5-Trichlorobenzene	180	12.196	12.196	0.000	97	42090	20.0	18.5	
127 1,2,4-Trichlorobenzene	180	12.648	12.648	0.000	92	36466	20.0	17.7	
128 Hexachlorobutadiene	225	12.713	12.713	0.000	94	13417	20.0	17.6	
129 Naphthalene	128	12.848	12.848	0.000	99	97775	20.0	18.8	
130 1,2,3-Trichlorobenzene	180	13.024	13.024	0.000	96	27631	20.0	19.7	
S 131 1,2-Dichloroethene, Total	100				0		40.0	37.6	
S 132 Xylenes, Total	100				0		40.0	37.8	
S 133 Total BTEX	1				0		100.0	94.9	

Reagents:

ACROLEIN W_00065	Amount Added: 4.00	Units: uL	
Ethanol mix_00002	Amount Added: 2.00	Units: uL	
MIX 2 Hi_00057	Amount Added: 2.00	Units: uL	
MIX I Hi_00074	Amount Added: 2.00	Units: uL	
GAS Hi_00206	Amount Added: 2.00	Units: uL	
8260ISNEW_00111	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00157	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS8\\20170622-56810.b\\J573271.D

Injection Date: 22-Jun-2017 18:47:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: STD20

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

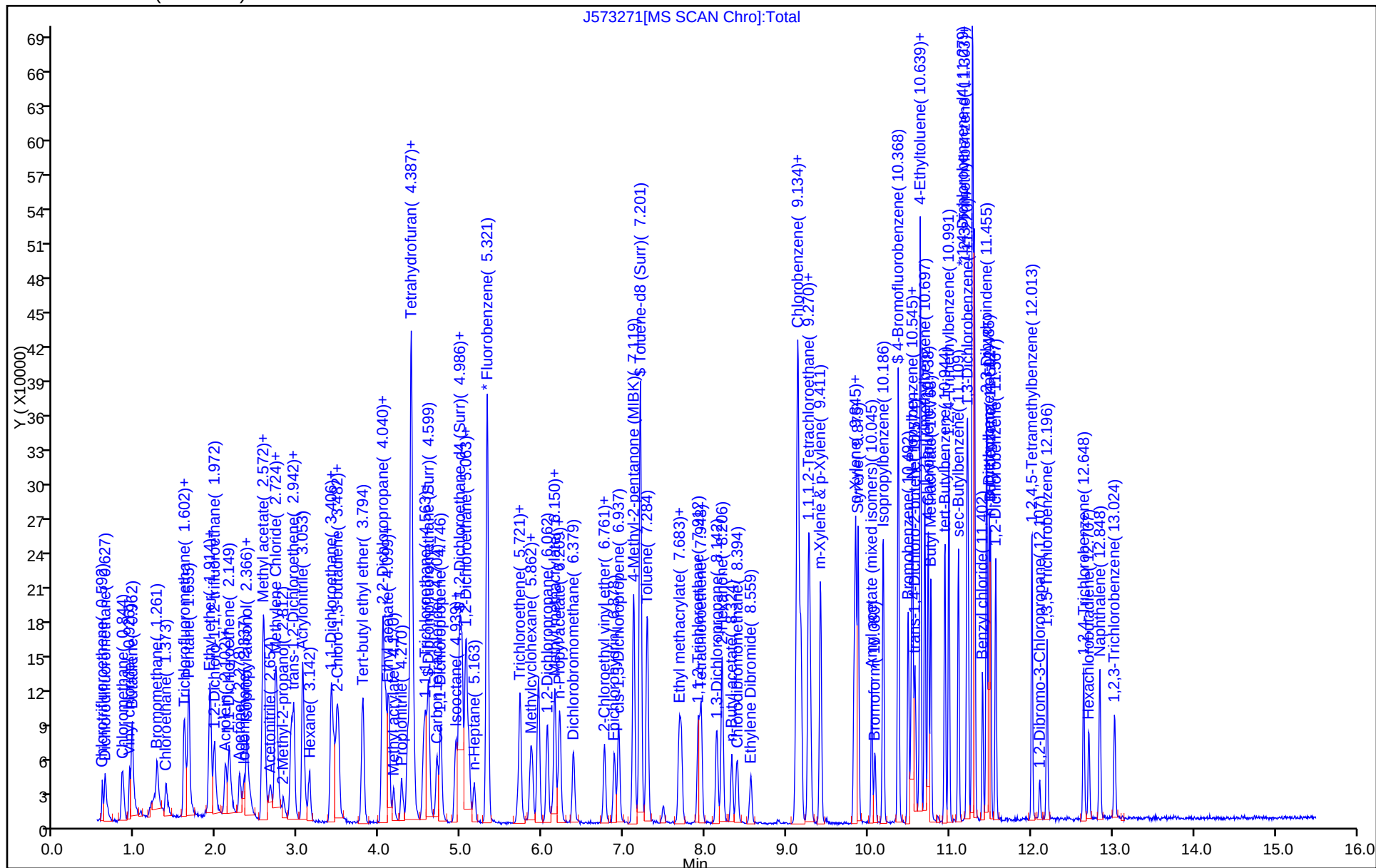
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260_W8

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573272.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 22-Jun-2017 19:13:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0056810-006
 Operator ID: Instrument ID: CVOAMS8
 Sublist: chrom-8260_W8*sub49
 Method: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\8260_W8.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Jun-2017 00:39:45 Calib Date: 23-Jun-2017 02:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK020

First Level Reviewer: desais

Date: 23-Jun-2017 09:40:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.593	0.592	0.001	92	9447	50.0	41.7	
2 Dichlorodifluoromethane	85	0.622	0.627	-0.005	99	124793	50.0	47.9	
3 Chloromethane	50	0.840	0.838	0.002	99	137843	50.0	49.9	
4 Vinyl chloride	62	0.928	0.932	-0.004	98	124711	50.0	48.5	
5 Butadiene	54	0.957	0.962	-0.005	98	104934	50.0	47.8	
6 Bromomethane	94	1.263	1.267	-0.004	98	77097	50.0	46.8	
7 Chloroethane	64	1.375	1.373	0.002	98	71760	50.0	49.0	
9 Trichlorofluoromethane	101	1.598	1.602	-0.004	72	144041	50.0	48.3	
8 Dichlorofluoromethane	67	1.598	1.602	-0.004	97	177513	50.0	50.7	
10 Pentane	72	1.651	1.649	0.002	95	17654	100.0	78.4	
11 Ethanol	46	1.909	1.890	0.019	77	14795	2000.0	2163.4	
12 Ethyl ether	59	1.903	1.902	0.001	97	79479	50.0	49.6	
13 2-Methyl-1,3-butadiene	53	1.921	1.925	-0.004	92	58966	50.0	40.9	
14 1,2-Dichloro-1,1,2-trifluo	117	1.968	1.966	0.002	91	67867	50.0	43.5	
15 1,1,2-Trichloro-1,2,2-trif	101	2.109	2.102	0.007	98	48218	50.0	30.5	
16 Acrolein	56	2.121	2.125	-0.004	42	11249	100.0	88.4	
17 1,1-Dichloroethene	96	2.150	2.149	0.001	98	81577	50.0	45.5	
18 Acetone	43	2.279	2.278	0.001	86	116844	250.0	212.3	
19 Iodomethane	142	2.332	2.337	-0.005	97	121180	50.0	49.1	
20 Carbon disulfide	76	2.367	2.366	0.001	99	283722	50.0	44.6	
21 Isopropyl alcohol	45	2.414	2.413	0.001	98	42494	500.0	540.8	
22 3-Chloro-1-propene	76	2.555	2.554	0.001	93	49374	50.0	48.0	
23 Cyclopentene	67	2.567	2.566	0.001	94	172899	50.0	42.1	
24 Methyl acetate	43	2.579	2.583	-0.004	99	325515	250.0	251.9	
25 Acetonitrile	41	2.661	2.654	0.007	98	131429	500.0	512.1	
26 Methylene Chloride	84	2.714	2.718	-0.004	91	107610	50.0	51.3	
* 27 TBA-d9 (IS)	65	2.726	2.730	-0.004	81	119784	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.820	2.818	0.002	98	61215	500.0	483.9	
29 Methyl tert-butyl ether	73	2.914	2.912	0.002	97	246387	50.0	50.0	
30 trans-1,2-Dichloroethene	96	2.943	2.948	-0.005	95	91884	50.0	47.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.055	3.053	0.002	94	340100	500.0	482.2	
32 Hexane	57	3.137	3.142	-0.005	92	46063	50.0	27.4	
33 Isopropyl ether	45	3.407	3.406	0.001	97	289309	50.0	49.9	
34 1,1-Dichloroethane	63	3.437	3.441	-0.004	99	159370	50.0	46.6	
35 Vinyl acetate	43	3.472	3.471	0.001	100	346277	100.0	102.9	
36 2-Chloro-1,3-butadiene	88	3.490	3.494	-0.004	90	73976	50.0	45.5	
37 Tert-butyl ethyl ether	59	3.789	3.794	-0.005	91	263437	50.0	48.9	
38 2,2-Dichloropropane	79	4.036	4.035	0.001	86	33743	50.0	45.4	
* 39 2-Butanone-d5	46	4.036	4.040	-0.004	88	160331	250.0	250.0	
40 cis-1,2-Dichloroethene	96	4.077	4.076	0.001	98	103410	50.0	47.3	
41 2-Butanone (MEK)	72	4.107	4.105	0.002	96	48381	250.0	245.0	
42 Ethyl acetate	70	4.112	4.123	-0.011	95	17375	100.0	104.3	
43 Methyl acrylate	55	4.171	4.170	0.001	100	75635	50.0	49.9	
44 Propionitrile	54	4.265	4.270	-0.005	98	119947	500.0	505.6	
45 Tetrahydrofuran	72	4.330	4.340	-0.010	56	19819	100.0	92.6	
46 Chlorobromomethane	128	4.342	4.346	-0.004	85	48625	50.0	50.7	
47 Methacrylonitrile	67	4.389	4.387	0.002	93	382034	500.0	505.3	
48 Chloroform	83	4.412	4.411	0.001	99	165702	50.0	50.2	
49 Cyclohexane	56	4.541	4.540	0.001	92	80319	50.0	31.7	
50 1,1,1-Trichloroethane	97	4.565	4.563	0.002	98	123361	50.0	43.7	
\$ 51 Dibromofluoromethane (Surr	113	4.594	4.599	-0.005	96	75541	50.0	50.7	
52 Carbon tetrachloride	117	4.700	4.704	-0.004	97	97273	50.0	42.9	
53 1,1-Dichloropropene	75	4.753	4.746	0.007	95	108631	50.0	44.0	
58 Isobutyl alcohol	43	4.929	4.934	-0.005	83	94897	1250.0	1195.2	
54 Isooctane	57	4.941	4.939	0.002	91	117427	50.0	40.4	
55 Benzene	78	4.982	4.981	0.001	95	369927	50.0	45.8	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.011	5.010	0.001	98	91329	50.0	51.3	
57 Tert-amyl methyl ether	73	5.058	5.057	0.001	82	287072	50.0	50.3	
59 Isopropyl acetate	43	5.058	5.057	0.001	91	258589	50.0	50.3	
60 1,2-Dichloroethane	62	5.100	5.098	0.002	96	125617	50.0	50.3	
61 n-Heptane	57	5.158	5.163	-0.005	93	19385	50.0	26.6	
* 62 Fluorobenzene	96	5.323	5.321	0.002	99	370098	50.0	50.0	
63 n-Butanol	56	5.699	5.703	-0.004	90	43982	1250.0	1297.2	
64 Trichloroethene	95	5.728	5.721	0.007	98	95213	50.0	46.7	
65 Methylcyclohexane	83	5.852	5.850	0.002	94	63567	50.0	28.6	
66 Ethyl acrylate	55	5.875	5.874	0.001	98	157752	50.0	43.9	
67 1,2-Dichloropropane	63	6.063	6.056	0.007	91	93057	50.0	46.7	
* 68 1,4-Dioxane-d8	96	6.134	6.132	0.002	86	19327	1000.0	1000.0	M
69 Methyl methacrylate	100	6.151	6.150	0.001	94	50219	100.0	103.8	
70 1,4-Dioxane	88	6.198	6.185	0.013	77	17163	1000.0	1151.3	
71 Dibromomethane	93	6.210	6.209	0.002	72	58326	50.0	48.6	
72 n-Propyl acetate	43	6.216	6.220	-0.004	99	114139	50.0	48.3	
73 Dichlorobromomethane	83	6.380	6.385	-0.005	99	124622	50.0	48.4	
74 2-Nitropropane	41	6.762	6.761	0.001	81	44308	100.0	98.6	
75 2-Chloroethyl vinyl ether	63	6.762	6.767	-0.005	75	59149	50.0	53.8	
76 Epichlorohydrin	57	6.880	6.884	-0.004	99	158752	1000.0	1008.6	
77 cis-1,3-Dichloropropene	75	6.939	6.937	0.002	93	141893	50.0	47.3	
78 4-Methyl-2-pentanone (MIBK	43	7.121	7.119	0.002	97	393471	250.0	254.3	
\$ 79 Toluene-d8 (Surr)	98	7.203	7.201	0.002	100	314281	50.0	50.6	
80 Toluene	91	7.285	7.284	0.001	94	396615	50.0	45.1	
81 trans-1,3-Dichloropropene	75	7.679	7.677	0.002	97	131908	50.0	48.1	
82 Ethyl methacrylate	69	7.702	7.707	-0.005	89	116734	50.0	52.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	7.908	7.912	-0.004	96	75471	50.0	47.6	
84 Tetrachloroethene	166	7.949	7.942	0.007	97	85343	50.0	43.5	
85 1,3-Dichloropropane	76	8.137	8.136	0.001	95	142467	50.0	47.8	
86 2-Hexanone	58	8.208	8.200	0.008	96	153369	250.0	249.9	
87 n-Butyl acetate	43	8.325	8.324	0.001	99	126695	50.0	48.9	
88 Chlorodibromomethane	129	8.390	8.388	0.002	98	100702	50.0	51.3	
89 Ethylene Dibromide	107	8.560	8.559	0.001	97	90752	50.0	51.2	
* 90 Chlorobenzene-d5	117	9.136	9.134	0.002	85	278577	50.0	50.0	
91 Chlorobenzene	112	9.171	9.176	-0.005	95	263761	50.0	46.7	
92 Ethylbenzene	106	9.271	9.264	0.007	98	132640	50.0	46.2	
93 1,1,1,2-Tetrachloroethane	131	9.289	9.287	0.002	94	95300	50.0	47.0	
94 m-Xylene & p-Xylene	106	9.412	9.417	-0.004	96	167278	50.0	48.1	
95 n-Butyl acrylate	73	9.823	9.828	-0.005	98	68119	50.0	52.1	
96 o-Xylene	106	9.847	9.845	0.002	94	172030	50.0	48.3	
97 Styrene	104	9.876	9.875	0.001	96	306880	50.0	51.8	
98 Amyl acetate (mixed isomer	43	10.041	10.045	-0.004	90	154202	50.0	48.2	
99 Bromoform	173	10.082	10.080	0.002	97	67860	50.0	50.4	
100 Isopropylbenzene	105	10.182	10.180	0.002	96	390941	50.0	47.9	
\$ 101 4-Bromofluorobenzene	174	10.370	10.368	0.002	91	94135	50.0	49.4	
102 Bromobenzene	156	10.487	10.492	-0.005	98	117252	50.0	46.7	
103 1,1,2,2-Tetrachloroethane	83	10.523	10.527	-0.004	98	107911	50.0	48.7	
104 N-Propylbenzene	91	10.540	10.545	-0.005	99	441085	50.0	44.5	
105 1,2,3-Trichloropropane	110	10.570	10.568	0.002	97	34302	50.0	49.8	
106 trans-1,4-Dichloro-2-buten	53	10.581	10.580	0.001	89	26571	50.0	43.1	
108 4-Ethyltoluene	105	10.634	10.639	-0.005	97	397891	50.0	46.3	
107 2-Chlorotoluene	91	10.634	10.639	-0.005	94	336135	50.0	45.3	
109 1,3,5-Trimethylbenzene	105	10.687	10.697	-0.010	93	333199	50.0	47.0	
110 4-Chlorotoluene	91	10.734	10.738	-0.004	97	318910	50.0	47.9	
111 Butyl Methacrylate	87	10.764	10.774	-0.010	90	137721	50.0	49.5	
112 tert-Butylbenzene	119	10.934	10.944	-0.010	95	256327	50.0	46.2	
113 1,2,4-Trimethylbenzene	105	10.981	10.991	-0.010	97	357480	50.0	47.9	
114 sec-Butylbenzene	105	11.098	11.109	-0.011	99	341019	50.0	44.1	
115 4-Isopropyltoluene	119	11.198	11.214	-0.016	98	309501	50.0	45.5	
116 1,3-Dichlorobenzene	146	11.210	11.226	-0.016	97	201836	50.0	46.5	
* 117 1,4-Dichlorobenzene-d4	152	11.263	11.279	-0.016	95	154439	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.281	11.297	-0.016	93	204452	50.0	43.6	
134 1,2,3-Trimethylbenzene	105	11.292	11.308	-0.016	98	377295	50.0	47.6	
119 Benzyl chloride	91	11.386	11.402	-0.016	99	192821	50.0	46.8	
120 2,3-Dihydroindene	117	11.433	11.455	-0.022	94	407800	50.0	49.2	
121 p-Diethylbenzene	119	11.463	11.485	-0.022	95	177293	50.0	45.8	
122 n-Butylbenzene	91	11.480	11.502	-0.022	98	302290	50.0	42.9	
123 1,2-Dichlorobenzene	146	11.545	11.567	-0.022	96	191793	50.0	44.5	
124 1,2,4,5-Tetramethylbenzene	119	11.980	12.008	-0.028	98	288754	50.0	48.1	
125 1,2-Dibromo-3-Chloropropan	155	12.074	12.107	-0.033	94	16829	50.0	53.4	
126 1,3,5-Trichlorobenzene	180	12.168	12.196	-0.028	97	111142	50.0	48.0	
127 1,2,4-Trichlorobenzene	180	12.608	12.648	-0.040	94	97350	50.0	45.6	
128 Hexachlorobutadiene	225	12.673	12.713	-0.040	94	30823	50.0	39.0	
129 Naphthalene	128	12.808	12.848	-0.040	99	263111	50.0	48.9	
130 1,2,3-Trichlorobenzene	180	12.990	13.024	-0.034	96	69771	50.0	49.0	
S 131 1,2-Dichloroethene, Total	100				0		100.0	94.8	
S 132 Xylenes, Total	100				0		100.0	96.4	
S 133 Total BTEX	1				0		250.0	233.6	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00065	Amount Added: 10.00	Units: uL	
Ethanol mix_00002	Amount Added: 5.00	Units: uL	
MIX 2 Hi_00057	Amount Added: 5.00	Units: uL	
MIX I Hi_00074	Amount Added: 5.00	Units: uL	
GAS Hi_00206	Amount Added: 5.00	Units: uL	
8260ISNEW_00111	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00157	Amount Added: 1.00	Units: uL	Run Reagent

Operator ID:

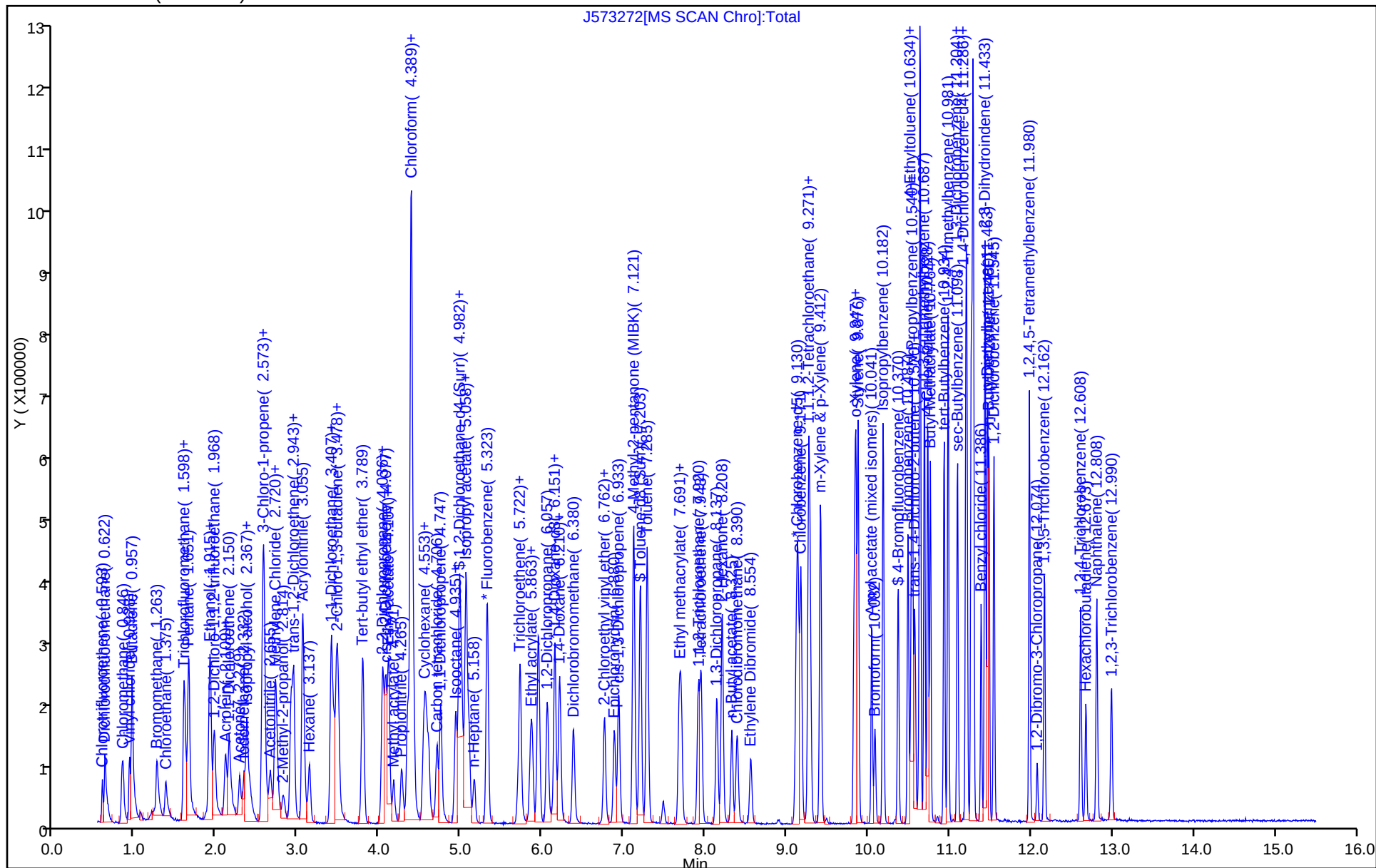
Worklist Smp#: 6

Client ID:

ALS Bottle#: 5

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573272.D

Injection Date: 22-Jun-2017 19:13:30

Instrument ID: CVOAMS8

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

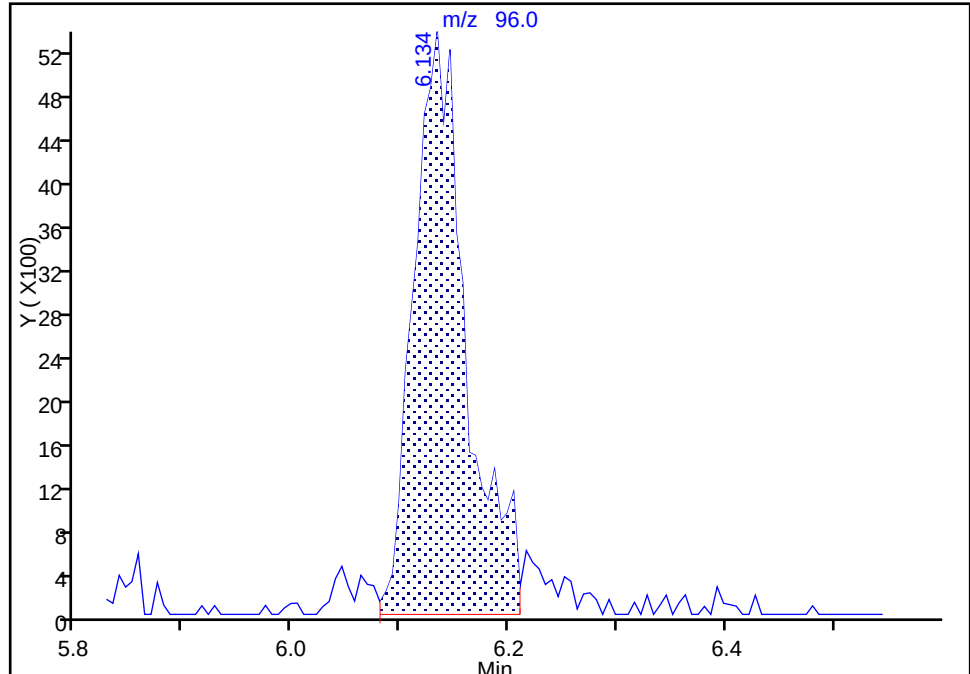
Detector: MS SCAN

* 68 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

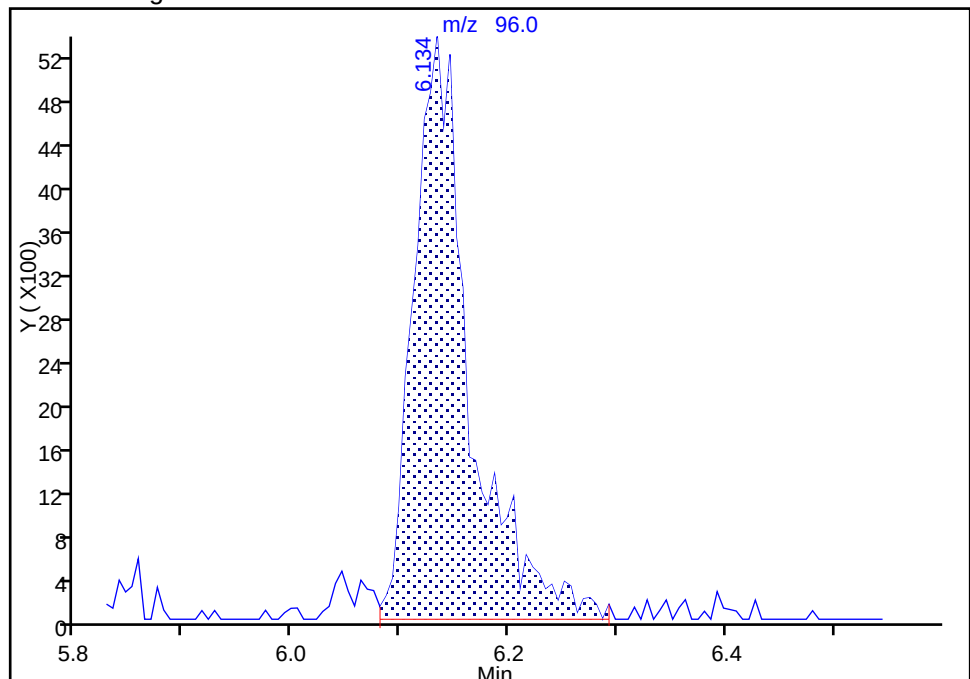
RT: 6.13
Area: 18052
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 6.13
Area: 19327
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 25-Jun-2017 23:04:11

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573273.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 22-Jun-2017 19:39:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0056810-007
 Operator ID: Instrument ID: CVOAMS8
 Sublist: chrom-8260_W8*sub49
 Method: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\8260_W8.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Jun-2017 00:39:49 Calib Date: 23-Jun-2017 02:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK020

First Level Reviewer: desais

Date: 23-Jun-2017 09:43:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.588	0.592	-0.004	92	53863	200.0	217.7	
2 Dichlorodifluoromethane	85	0.623	0.627	-0.004	99	535376	200.0	188.2	
3 Chloromethane	50	0.835	0.838	-0.003	100	564619	200.0	187.1	
4 Vinyl chloride	62	0.923	0.932	-0.009	98	493415	200.0	175.6	
5 Butadiene	54	0.958	0.962	-0.004	97	427383	200.0	178.2	
6 Bromomethane	94	1.264	1.267	-0.003	99	367999	200.0	204.6	
7 Chloroethane	64	1.369	1.373	-0.004	100	273743	200.0	171.1	
8 Dichlorofluoromethane	67	1.593	1.602	-0.009	97	699947	200.0	183.1	
9 Trichlorofluoromethane	101	1.593	1.602	-0.009	93	592399	200.0	181.8	
10 Pentane	72	1.651	1.649	0.002	95	99364	400.0	409.5	
11 Ethanol	46	1.898	1.890	0.008	79	52145	8000.0	7135.1	
12 Ethyl ether	59	1.904	1.902	0.002	94	342076	200.0	195.4	
13 2-Methyl-1,3-butadiene	53	1.916	1.925	-0.009	95	285261	200.0	181.0	
14 1,2-Dichloro-1,1,2-trifluo	117	1.969	1.966	0.003	88	348240	200.0	204.4	
15 1,1,2-Trichloro-1,2,2-trif	101	2.110	2.102	0.008	98	354194	200.0	208.5	
16 Acrolein	56	2.121	2.125	-0.004	95	25677	200.0	188.9	
17 1,1-Dichloroethene	96	2.151	2.149	0.002	97	401184	200.0	204.7	
18 Acetone	43	2.274	2.278	-0.004	87	600550	1000.0	1022.7	
19 Iodomethane	142	2.333	2.337	-0.004	99	531870	200.0	197.2	
20 Carbon disulfide	76	2.368	2.366	0.002	99	1364695	200.0	196.4	
21 Isopropyl alcohol	45	2.409	2.413	-0.004	99	166701	2000.0	1984.7	
22 3-Chloro-1-propene	76	2.556	2.554	0.002	89	225796	200.0	200.9	
23 Cyclopentene	67	2.568	2.566	0.002	92	870878	200.0	193.9	
24 Methyl acetate	43	2.580	2.583	-0.003	99	1382811	1000.0	979.9	
25 Acetonitrile	41	2.656	2.654	0.002	97	555013	2000.0	2023.6	
26 Methylene Chloride	84	2.715	2.718	-0.003	91	447751	200.0	197.3	
* 27 TBA-d9 (IS)	65	2.727	2.730	-0.003	38	128007	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.815	2.818	-0.003	99	264484	2000.0	2000.6	
29 Methyl tert-butyl ether	73	2.909	2.912	-0.003	97	1083307	200.0	201.3	
30 trans-1,2-Dichloroethene	96	2.944	2.948	-0.004	95	424558	200.0	202.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.056	3.053	0.003	93	1457293	2000.0	1933.6	
32 Hexane	57	3.132	3.142	-0.010	92	380123	200.0	210.1	
33 Isopropyl ether	45	3.402	3.406	-0.004	98	1270423	200.0	200.6	
34 1,1-Dichloroethane	63	3.443	3.441	0.002	99	737819	200.0	197.6	
35 Vinyl acetate	43	3.467	3.471	-0.004	100	1493030	400.0	406.3	
36 2-Chloro-1,3-butadiene	88	3.490	3.494	-0.004	91	343629	200.0	193.5	
37 Tert-butyl ethyl ether	59	3.790	3.794	-0.004	89	1155081	200.0	196.3	
38 2,2-Dichloropropane	79	4.037	4.035	0.002	95	160816	200.0	199.9	
* 39 2-Butanone-d5	46	4.037	4.040	-0.003	84	171042	250.0	250.0	
40 cis-1,2-Dichloroethene	96	4.072	4.076	-0.004	98	476331	200.0	199.5	
41 2-Butanone (MEK)	72	4.107	4.105	0.002	96	208875	1000.0	991.6	
42 Ethyl acetate	70	4.113	4.123	-0.010	96	79199	400.0	445.6	
43 Methyl acrylate	55	4.172	4.170	0.002	100	328701	200.0	198.7	
44 Propionitrile	54	4.272	4.270	0.002	98	517800	2000.0	2042.3	
45 Tetrahydrofuran	72	4.342	4.340	0.002	91	94703	400.0	418.9	
46 Chlorobromomethane	128	4.348	4.346	0.002	85	201019	200.0	191.8	
47 Methacrylonitrile	67	4.389	4.387	0.002	92	1640950	2000.0	1987.3	
48 Chloroform	83	4.413	4.411	0.002	99	742829	200.0	206.1	
49 Cyclohexane	56	4.542	4.540	0.002	91	578510	200.0	207.7	
50 1,1,1-Trichloroethane	97	4.566	4.563	0.003	98	604963	200.0	196.3	
\$ 51 Dibromofluoromethane (Surr	113	4.601	4.599	0.002	96	81815	50.0	50.3	
52 Carbon tetrachloride	117	4.707	4.704	0.003	98	481633	200.0	194.6	
53 1,1-Dichloropropene	75	4.748	4.746	0.002	96	548733	200.0	203.4	
58 Isobutyl alcohol	43	4.936	4.934	0.002	93	432200	5000.0	5093.9	
54 Isooctane	57	4.942	4.939	0.003	98	660444	200.0	204.1	
55 Benzene	78	4.983	4.981	0.002	95	1685688	200.0	193.5	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.006	5.010	-0.004	76	98239	50.0	50.5	
59 Isopropyl acetate	43	5.059	5.057	0.002	96	1126724	200.0	200.9	
57 Tert-amyl methyl ether	73	5.059	5.057	0.002	91	1272661	200.0	204.3	
60 1,2-Dichloroethane	62	5.094	5.098	-0.004	98	544529	200.0	199.6	
61 n-Heptane	57	5.159	5.163	-0.004	93	165619	200.0	210.5	
* 62 Fluorobenzene	96	5.318	5.321	-0.003	98	404237	50.0	50.0	
63 n-Butanol	56	5.699	5.703	-0.004	89	188089	5000.0	5191.2	
64 Trichloroethene	95	5.723	5.721	0.002	99	439340	200.0	197.5	
65 Methylcyclohexane	83	5.852	5.850	0.002	86	492496	200.0	210.0	
66 Ethyl acrylate	55	5.870	5.874	-0.004	98	851007	200.0	216.7	
67 1,2-Dichloropropane	63	6.058	6.056	0.002	89	420453	200.0	193.0	
* 68 1,4-Dioxane-d8	96	6.128	6.132	-0.004	90	21636	1000.0	1000.0	
69 Methyl methacrylate	100	6.152	6.150	0.002	91	216783	400.0	410.3	
70 1,4-Dioxane	88	6.193	6.185	0.008	29	63914	4000.0	3932.9	
71 Dibromomethane	93	6.205	6.209	-0.003	68	255943	200.0	195.4	
72 n-Propyl acetate	43	6.217	6.220	-0.003	99	535890	200.0	207.8	
73 Dichlorobromomethane	83	6.381	6.385	-0.004	99	553190	200.0	196.9	
74 2-Nitropropane	41	6.763	6.761	0.002	79	191748	400.0	390.8	
75 2-Chloroethyl vinyl ether	63	6.757	6.767	-0.010	74	249645	200.0	207.9	
76 Epichlorohydrin	57	6.880	6.884	-0.004	99	685222	4000.0	4080.9	
77 cis-1,3-Dichloropropene	75	6.939	6.937	0.002	92	641500	200.0	198.0	
78 4-Methyl-2-pentanone (MIBK	43	7.121	7.119	0.002	96	1724251	1000.0	1044.4	
\$ 79 Toluene-d8 (Surr)	98	7.204	7.201	0.003	100	332502	50.0	49.6	
80 Toluene	91	7.286	7.284	0.002	94	1820001	200.0	191.9	
81 trans-1,3-Dichloropropene	75	7.680	7.677	0.003	98	573790	200.0	193.8	
82 Ethyl methacrylate	69	7.703	7.707	-0.004	90	521214	200.0	216.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	7.915	7.912	0.003	96	334833	200.0	195.8	
84 Tetrachloroethene	166	7.950	7.942	0.008	98	414704	200.0	195.7	
85 1,3-Dichloropropane	76	8.144	8.136	0.008	95	628911	200.0	195.5	
86 2-Hexanone	58	8.208	8.200	0.008	96	691639	1000.0	1056.5	
87 n-Butyl acetate	43	8.326	8.324	0.002	99	582865	200.0	208.3	
88 Chlorodibromomethane	129	8.390	8.388	0.002	98	457020	200.0	215.8	
89 Ethylene Dibromide	107	8.555	8.559	-0.004	98	390381	200.0	204.1	
* 90 Chlorobenzene-d5	117	9.137	9.134	0.003	85	300610	50.0	50.0	
91 Chlorobenzene	112	9.172	9.176	-0.004	95	1182306	200.0	194.2	
92 Ethylbenzene	106	9.272	9.264	0.008	98	632350	200.0	204.2	
93 1,1,1,2-Tetrachloroethane	131	9.289	9.287	0.002	96	435423	200.0	198.9	
94 m-Xylene & p-Xylene	106	9.413	9.417	-0.003	96	797927	200.0	212.5	
95 n-Butyl acrylate	73	9.824	9.828	-0.004	97	311655	200.0	220.9	
96 o-Xylene	106	9.848	9.845	0.003	94	796358	200.0	207.4	
97 Styrene	104	9.877	9.875	0.002	96	1399103	200.0	218.7	
98 Amyl acetate (mixed isomer	43	10.041	10.045	-0.004	91	691056	200.0	216.5	
99 Bromoform	173	10.083	10.080	0.003	97	289612	200.0	199.3	
100 Isopropylbenzene	105	10.182	10.180	0.002	96	1881683	200.0	213.8	
\$ 101 4-Bromofluorobenzene	174	10.370	10.368	0.002	91	105576	50.0	51.3	
102 Bromobenzene	156	10.488	10.492	-0.004	97	518477	200.0	206.9	
103 1,1,2,2-Tetrachloroethane	83	10.523	10.527	-0.004	98	435309	200.0	196.6	
104 N-Propylbenzene	91	10.541	10.545	-0.004	99	2114480	200.0	213.5	
105 1,2,3-Trichloropropane	110	10.564	10.568	-0.004	96	140266	200.0	204.1	
106 trans-1,4-Dichloro-2-buten	53	10.582	10.580	0.002	93	122145	200.0	198.6	
107 2-Chlorotoluene	91	10.635	10.639	-0.004	97	1531341	200.0	206.5	
108 4-Ethyltoluene	105	10.635	10.639	-0.004	88	1778479	200.0	207.5	
109 1,3,5-Trimethylbenzene	105	10.694	10.697	-0.003	94	1539731	200.0	217.5	
110 4-Chlorotoluene	91	10.729	10.738	-0.009	97	1401407	200.0	210.8	
111 Butyl Methacrylate	87	10.764	10.774	-0.010	90	607702	200.0	218.9	
112 tert-Butylbenzene	119	10.929	10.944	-0.015	95	1229992	200.0	221.9	
113 1,2,4-Trimethylbenzene	105	10.982	10.991	-0.009	97	1612213	200.0	216.5	
114 sec-Butylbenzene	105	11.093	11.109	-0.016	99	1683574	200.0	217.9	
115 4-Isopropyltoluene	119	11.199	11.214	-0.015	98	1449639	200.0	213.4	
116 1,3-Dichlorobenzene	146	11.211	11.226	-0.015	96	873100	200.0	201.6	
* 117 1,4-Dichlorobenzene-d4	152	11.264	11.279	-0.015	94	154180	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.281	11.297	-0.016	95	906900	200.0	193.5	
134 1,2,3-Trimethylbenzene	105	11.287	11.308	-0.021	96	1585869	200.0	200.2	
119 Benzyl chloride	91	11.381	11.402	-0.021	99	831665	200.0	202.2	
120 2,3-Dihydroindene	117	11.428	11.455	-0.027	94	1633881	200.0	197.6	
121 p-Diethylbenzene	119	11.457	11.485	-0.028	93	785280	200.0	203.4	
122 n-Butylbenzene	91	11.475	11.502	-0.027	96	1415963	200.0	201.2	
123 1,2-Dichlorobenzene	146	11.540	11.567	-0.027	97	837916	200.0	194.9	
124 1,2,4,5-Tetramethylbenzene	119	11.975	12.008	-0.034	97	1268059	200.0	211.6	
125 1,2-Dibromo-3-Chloropropan	155	12.069	12.107	-0.039	95	70846	200.0	212.4	
126 1,3,5-Trichlorobenzene	180	12.157	12.196	-0.039	98	465029	200.0	202.5	
127 1,2,4-Trichlorobenzene	180	12.603	12.648	-0.045	94	427713	200.0	200.6	
128 Hexachlorobutadiene	225	12.662	12.713	-0.051	95	159450	200.0	204.6	
129 Naphthalene	128	12.797	12.848	-0.051	99	1129836	200.0	210.2	
130 1,2,3-Trichlorobenzene	180	12.979	13.024	-0.045	96	294495	200.0	209.3	
S 131 1,2-Dichloroethene, Total	100				0		400.0	401.9	
S 132 Xylenes, Total	100				0		400.0	419.9	
S 133 Total BTEX	1				0		1000.0	1009.4	

Reagents:

ACROLEIN W_00065	Amount Added: 20.00	Units: uL	
Ethanol mix_00002	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00057	Amount Added: 20.00	Units: uL	
MIX I Hi_00074	Amount Added: 20.00	Units: uL	
GAS Hi_00206	Amount Added: 20.00	Units: uL	
8260ISNEW_00111	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00157	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS8\\20170622-56810.b\\J573273.D

Injection Date: 22-Jun-2017 19:39:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: STD200

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

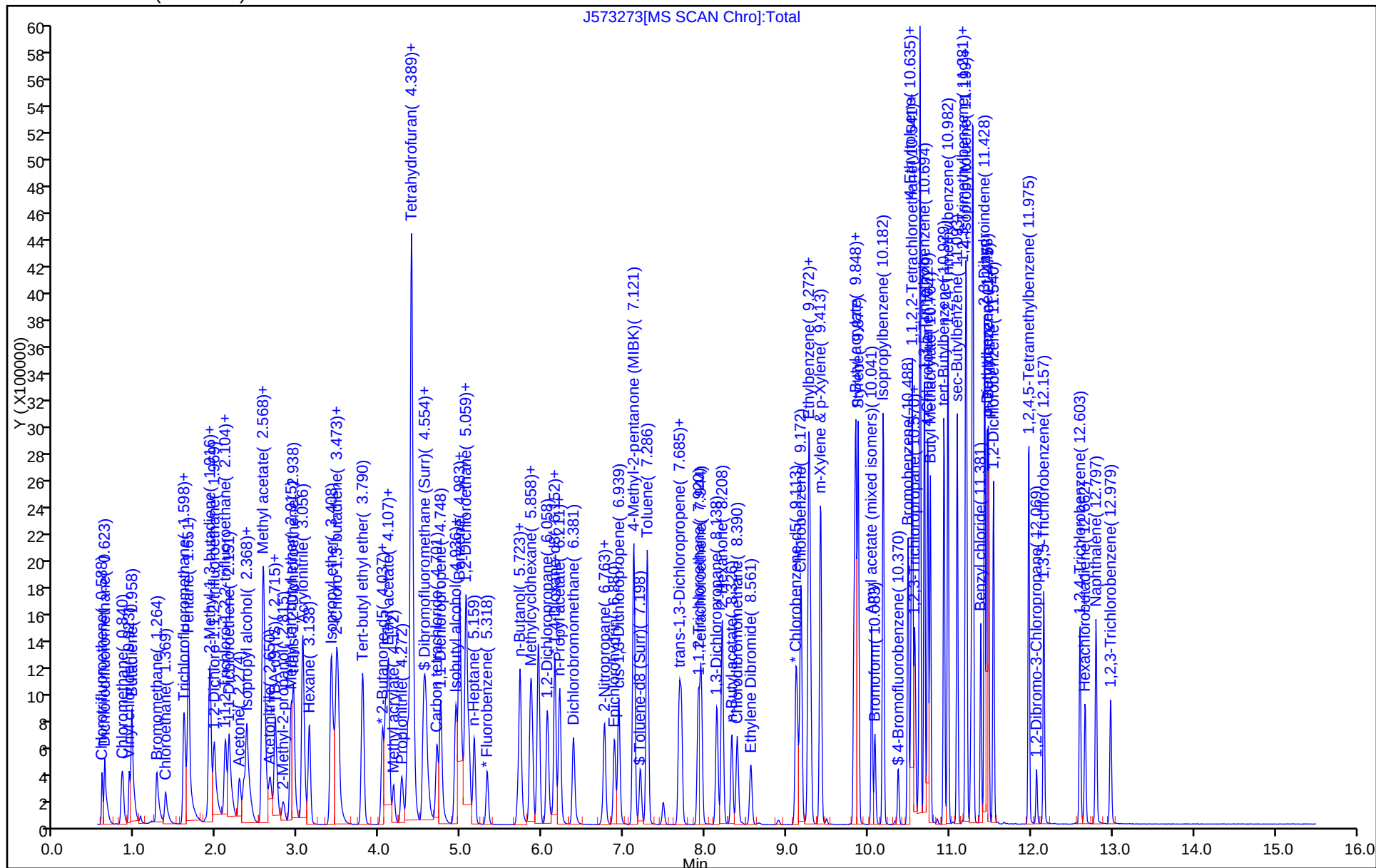
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260_W8

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573274.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 22-Jun-2017 20:05:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0056810-008
 Operator ID: Instrument ID: CVOAMS8
 Sublist: chrom-8260_W8*sub49
 Method: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\8260_W8.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Jun-2017 00:39:53 Calib Date: 23-Jun-2017 02:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK020

First Level Reviewer: desais

Date: 23-Jun-2017 09:46:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.587	0.592	-0.005	93	123481	500.0	511.0	
2 Dichlorodifluoromethane	85	0.623	0.627	-0.004	100	1305704	500.0	469.9	
3 Chloromethane	50	0.834	0.838	-0.004	99	1647245	500.0	559.1	
4 Vinyl chloride	62	0.922	0.932	-0.010	99	1363072	500.0	496.6	
5 Butadiene	54	0.952	0.962	-0.010	97	1176150	500.0	502.1	
6 Bromomethane	94	1.263	1.267	-0.004	99	1056314	500.0	601.3	
7 Chloroethane	64	1.369	1.373	-0.004	100	698757	500.0	447.3	
9 Trichlorofluoromethane	101	1.598	1.602	-0.004	96	1445507	500.0	454.3	
8 Dichlorofluoromethane	67	1.592	1.602	-0.010	97	1733244	500.0	464.3	
10 Pentane	72	1.651	1.649	0.002	95	252545	1000.0	998.7	
11 Ethanol	46	1.898	1.890	0.008	79	140513	20000	18707	
12 Ethyl ether	59	1.898	1.902	-0.004	92	816567	500.0	477.7	
13 2-Methyl-1,3-butadiene	53	1.915	1.925	-0.010	95	811729	500.0	527.4	
14 1,2-Dichloro-1,1,2-trifluo	117	1.968	1.966	0.002	94	847084	500.0	509.2	
15 1,1,2-Trichloro-1,2,2-trif	101	2.103	2.102	0.001	99	803348	500.0	498.8	
16 Acrolein	56	2.127	2.125	0.002	40	57359	400.0	410.5	
17 1,1-Dichloroethene	96	2.150	2.149	0.001	99	941858	500.0	492.0	
18 Acetone	43	2.280	2.278	0.002	87	1273451	2500.0	2187.1	
19 Iodomethane	142	2.332	2.337	-0.005	98	1080474	500.0	410.2	
20 Carbon disulfide	76	2.368	2.366	0.002	99	3296408	500.0	485.7	
21 Isopropyl alcohol	45	2.409	2.413	-0.004	99	432083	5000.0	5002.0	
22 3-Chloro-1-propene	76	2.556	2.554	0.002	92	531876	500.0	484.5	
23 Cyclopentene	67	2.567	2.566	0.001	90	2303444	500.0	525.3	
24 Methyl acetate	43	2.579	2.583	-0.004	99	3425245	2500.0	2485.5	
25 Acetonitrile	41	2.656	2.654	0.002	98	1410689	5000.0	5004.4	
26 Methylene Chloride	84	2.714	2.718	-0.004	92	1083048	500.0	489.8	
* 27 TBA-d9 (IS)	65	2.732	2.730	0.002	79	131562	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.820	2.818	0.002	99	666777	5000.0	5030.2	
29 Methyl tert-butyl ether	73	2.908	2.912	-0.004	97	2636590	500.0	501.7	
30 trans-1,2-Dichloroethene	96	2.943	2.948	-0.005	95	1047490	500.0	512.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.055	3.053	0.002	94	3543189	5000.0	4574.1	
32 Hexane	57	3.137	3.142	-0.005	92	858388	500.0	498.6	
33 Isopropyl ether	45	3.408	3.406	0.002	97	3191944	500.0	516.0	
34 1,1-Dichloroethane	63	3.443	3.441	0.002	100	1870103	500.0	512.8	
35 Vinyl acetate	43	3.472	3.471	0.001	100	3901234	1000.0	1087.2	
36 2-Chloro-1,3-butadiene	88	3.490	3.494	-0.004	90	893278	500.0	515.1	
37 Tert-butyl ethyl ether	59	3.790	3.794	-0.004	90	2914550	500.0	507.1	
38 2,2-Dichloropropane	79	4.036	4.035	0.001	96	385675	500.0	491.7	
* 39 2-Butanone-d5	46	4.042	4.040	0.002	34	169600	250.0	250.0	
40 cis-1,2-Dichloroethene	96	4.077	4.076	0.001	97	1202955	500.0	516.0	
41 2-Butanone (MEK)	72	4.107	4.105	0.002	98	517726	2500.0	2478.6	
42 Ethyl acetate	70	4.113	4.123	-0.010	96	192731	1000.0	1093.5	
43 Methyl acrylate	55	4.171	4.170	0.001	100	821859	500.0	508.6	
44 Propionitrile	54	4.277	4.270	0.007	98	1298338	5000.0	4982.4	
45 Tetrahydrofuran	72	4.342	4.340	0.002	93	239678	1000.0	1071.1	
46 Chlorobromomethane	128	4.348	4.346	0.002	90	470911	500.0	460.2	
47 Methacrylonitrile	67	4.401	4.387	0.014	92	4031115	5000.0	4999.3	
48 Chloroform	83	4.418	4.411	0.007	99	1828630	500.0	519.5	
49 Cyclohexane	56	4.542	4.540	0.002	91	1371232	500.0	499.0	
50 1,1,1-Trichloroethane	97	4.571	4.563	0.008	98	1467724	500.0	487.8	
\$ 51 Dibromofluoromethane (Surr	113	4.606	4.599	0.007	97	77966	50.0	49.1	
52 Carbon tetrachloride	117	4.706	4.704	0.002	98	1134486	500.0	469.4	
53 1,1-Dichloropropene	75	4.753	4.746	0.007	98	1323177	500.0	502.1	
58 Isobutyl alcohol	43	4.935	4.934	0.001	39	1080950	12500	12396	
54 Isooctane	57	4.941	4.939	0.002	96	1633637	500.0	499.5	
55 Benzene	78	4.982	4.981	0.001	95	4079117	500.0	468.1	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.012	5.010	0.002	47	92852	50.0	48.9	
57 Tert-amyl methyl ether	73	5.059	5.057	0.002	92	3223987	500.0	530.0	
59 Isopropyl acetate	43	5.064	5.057	0.007	97	2780155	500.0	507.5	
60 1,2-Dichloroethane	62	5.100	5.098	0.002	97	1297673	500.0	487.2	
61 n-Heptane	57	5.158	5.163	-0.005	93	374793	500.0	498.5	
* 62 Fluorobenzene	96	5.317	5.321	-0.004	99	394752	50.0	50.0	
63 n-Butanol	56	5.705	5.703	0.002	89	507500	12500	13628	
64 Trichloroethene	95	5.728	5.721	0.007	99	1055927	500.0	486.0	
65 Methylcyclohexane	83	5.858	5.850	0.008	97	1081005	500.0	498.5	
66 Ethyl acrylate	55	5.875	5.874	0.001	76	2024108	500.0	527.9	
67 1,2-Dichloropropane	63	6.063	6.056	0.007	91	1058063	500.0	497.3	
* 68 1,4-Dioxane-d8	96	6.140	6.132	0.008	39	24085	1000.0	1000.0	M
69 Methyl methacrylate	100	6.151	6.150	0.001	90	554263	1000.0	1074.4	
70 1,4-Dioxane	88	6.198	6.185	0.013	42	170452	10000	10010	
71 Dibromomethane	93	6.210	6.209	0.002	96	602369	500.0	471.0	
72 n-Propyl acetate	43	6.216	6.220	-0.004	99	1361238	500.0	540.6	
73 Dichlorobromomethane	83	6.381	6.385	-0.004	100	1353296	500.0	493.2	
74 2-Nitropropane	41	6.768	6.761	0.007	80	480315	1000.0	1002.5	
75 2-Chloroethyl vinyl ether	63	6.762	6.767	-0.005	74	624981	500.0	533.0	
76 Epichlorohydrin	57	6.886	6.884	0.002	99	1660891	10000	9975.8	
77 cis-1,3-Dichloropropene	75	6.939	6.937	0.002	91	1533839	500.0	473.3	
78 4-Methyl-2-pentanone (MIBK	43	7.127	7.119	0.008	96	4220561	2500.0	2578.2	
\$ 79 Toluene-d8 (Surr)	98	7.203	7.201	0.002	99	327690	50.0	48.9	
80 Toluene	91	7.291	7.284	0.007	94	4363442	500.0	459.8	
81 trans-1,3-Dichloropropene	75	7.679	7.677	0.002	98	1394621	500.0	470.8	
82 Ethyl methacrylate	69	7.708	7.707	0.001	89	1317722	500.0	559.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	7.914	7.912	0.002	97	824145	500.0	481.7	
84 Tetrachloroethene	166	7.949	7.942	0.007	98	1030471	500.0	486.0	
85 1,3-Dichloropropane	76	8.143	8.136	0.007	95	1540165	500.0	478.7	
86 2-Hexanone	58	8.214	8.200	0.014	96	1689327	2500.0	2602.5	
87 n-Butyl acetate	43	8.325	8.324	0.001	99	1459298	500.0	521.2	
88 Chlorodibromomethane	129	8.396	8.388	0.008	98	1110243	500.0	524.0	
89 Ethylene Dibromide	107	8.560	8.559	0.001	98	957458	500.0	500.3	
* 90 Chlorobenzene-d5	117	9.136	9.134	0.002	86	300756	50.0	50.0	
91 Chlorobenzene	112	9.177	9.176	0.001	95	2911890	500.0	478.0	
92 Ethylbenzene	106	9.271	9.264	0.007	98	1589648	500.0	513.0	
93 1,1,1,2-Tetrachloroethane	131	9.289	9.287	0.002	96	1093712	500.0	499.5	
94 m-Xylene & p-Xylene	106	9.418	9.417	0.002	95	1958877	500.0	521.5	
95 n-Butyl acrylate	73	9.829	9.828	0.001	98	826805	500.0	585.7	
96 o-Xylene	106	9.847	9.845	0.002	96	1981954	500.0	515.8	
97 Styrene	104	9.876	9.875	0.001	96	3442134	500.0	537.7	
98 Amyl acetate (mixed isomer	43	10.047	10.045	0.002	91	1769643	500.0	556.1	
99 Bromoform	173	10.082	10.080	0.002	97	744481	500.0	512.2	
100 Isopropylbenzene	105	10.188	10.180	0.008	96	4496970	500.0	510.7	
\$ 101 4-Bromofluorobenzene	174	10.370	10.368	0.002	94	101662	50.0	49.4	
102 Bromobenzene	156	10.493	10.492	0.001	96	1304038	500.0	521.9	
103 1,1,2,2-Tetrachloroethane	83	10.529	10.527	0.002	98	1124220	500.0	509.4	
104 N-Propylbenzene	91	10.546	10.545	0.001	99	5028291	500.0	509.2	
105 1,2,3-Trichloropropane	110	10.570	10.568	0.002	98	345906	500.0	504.8	
106 trans-1,4-Dichloro-2-buten	53	10.582	10.580	0.002	93	310273	500.0	505.9	
108 4-Ethyltoluene	105	10.640	10.639	0.001	88	4483005	500.0	524.6	
107 2-Chlorotoluene	91	10.640	10.639	0.001	94	3735178	500.0	505.3	
109 1,3,5-Trimethylbenzene	105	10.693	10.697	-0.004	95	3632820	500.0	514.8	
110 4-Chlorotoluene	91	10.734	10.738	-0.004	97	3348755	500.0	505.3	
111 Butyl Methacrylate	87	10.764	10.774	-0.010	90	1539100	500.0	556.2	
112 tert-Butylbenzene	119	10.934	10.944	-0.010	95	2858090	500.0	517.2	
113 1,2,4-Trimethylbenzene	105	10.981	10.991	-0.010	97	3756702	500.0	506.1	
114 sec-Butylbenzene	105	11.093	11.109	-0.016	99	3800838	500.0	493.5	
115 4-Isopropyltoluene	119	11.198	11.214	-0.016	97	3415068	500.0	504.2	
116 1,3-Dichlorobenzene	146	11.210	11.226	-0.016	96	2211548	500.0	512.3	
* 117 1,4-Dichlorobenzene-d4	152	11.263	11.279	-0.016	92	153707	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.281	11.297	-0.016	95	2304837	500.0	493.4	
134 1,2,3-Trimethylbenzene	105	11.287	11.308	-0.021	94	3973828	500.0	503.3	
119 Benzyl chloride	91	11.381	11.402	-0.021	99	2138506	500.0	521.6	
120 2,3-Dihydroindene	117	11.428	11.455	-0.027	95	4048788	500.0	491.1	
121 p-Diethylbenzene	119	11.457	11.485	-0.028	94	1976311	500.0	513.4	
122 n-Butylbenzene	91	11.475	11.502	-0.027	99	3310877	500.0	472.0	
123 1,2-Dichlorobenzene	146	11.539	11.567	-0.028	97	2084994	500.0	486.4	
124 1,2,4,5-Tetramethylbenzene	119	11.968	12.008	-0.040	98	3182013	500.0	532.5	
125 1,2-Dibromo-3-Chloropropan	155	12.062	12.107	-0.045	96	181486	500.0	488.7	
126 1,3,5-Trichlorobenzene	180	12.150	12.196	-0.046	98	1211890	500.0	530.2	
127 1,2,4-Trichlorobenzene	180	12.597	12.648	-0.051	94	1054391	500.0	496.1	
128 Hexachlorobutadiene	225	12.661	12.713	-0.052	96	379093	500.0	499.4	
129 Naphthalene	128	12.791	12.848	-0.057	99	2700064	500.0	503.8	
130 1,2,3-Trichlorobenzene	180	12.973	13.024	-0.051	96	689540	500.0	492.4	
S 131 1,2-Dichloroethene, Total	100				0		1000.0	1028.1	
S 132 Xylenes, Total	100				0		1000.0	1037.3	
S 133 Total BTEX	1				0		2500.0	2478.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00065	Amount Added: 40.00	Units: uL	
Ethanol mix_00002	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00057	Amount Added: 50.00	Units: uL	
MIX I Hi_00074	Amount Added: 50.00	Units: uL	
GAS Hi_00206	Amount Added: 50.00	Units: uL	
8260ISNEW_00111	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00157	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS8\\20170622-56810.b\\J573274.D

Injection Date: 22-Jun-2017 20:05:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: STD500

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

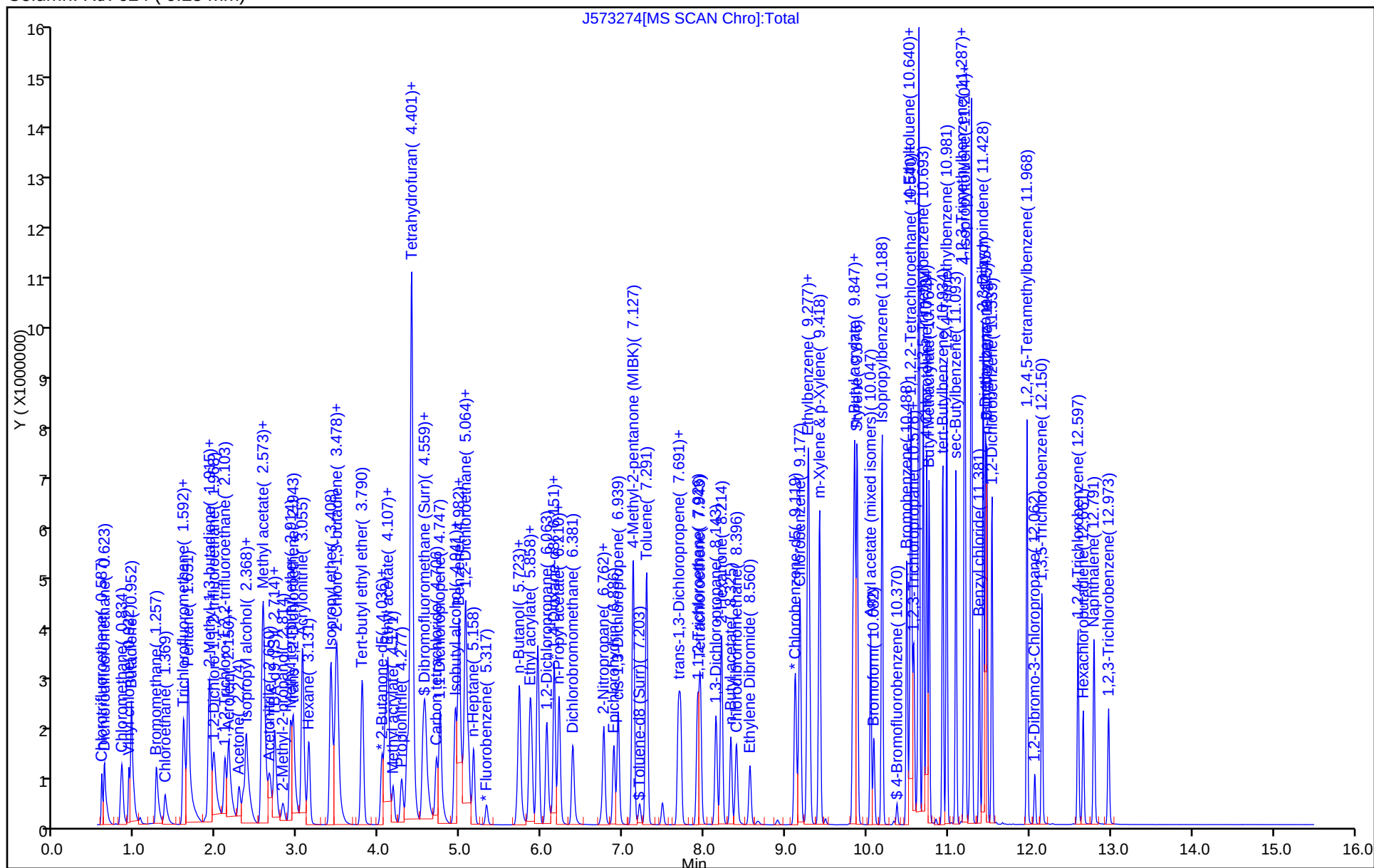
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260_W8

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573274.D

Injection Date: 22-Jun-2017 20:05:30

Instrument ID: CVOAMS8

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

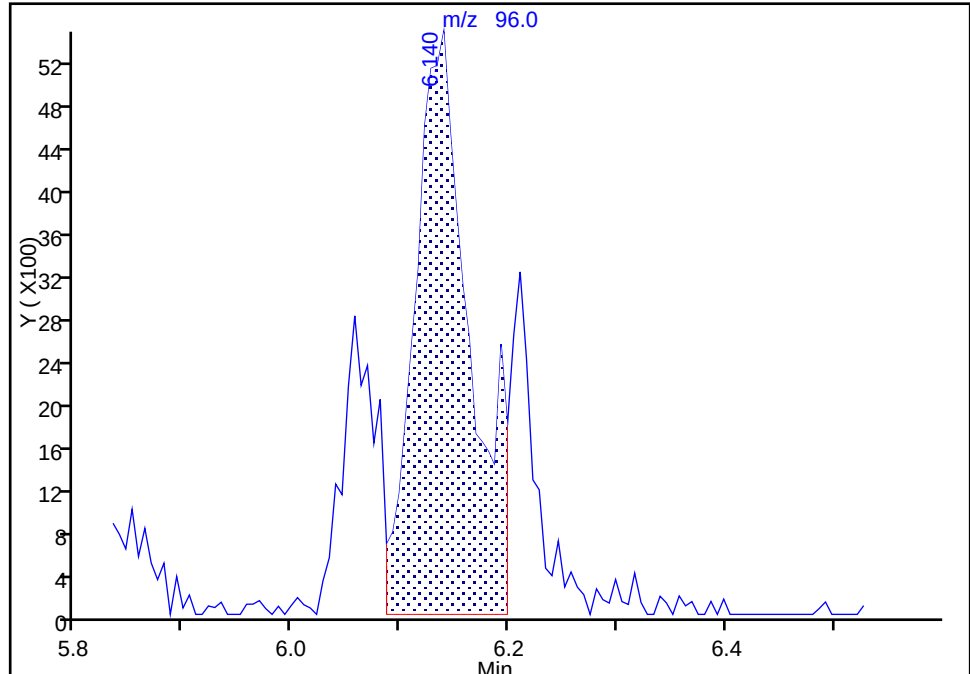
MS SCAN

* 68 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

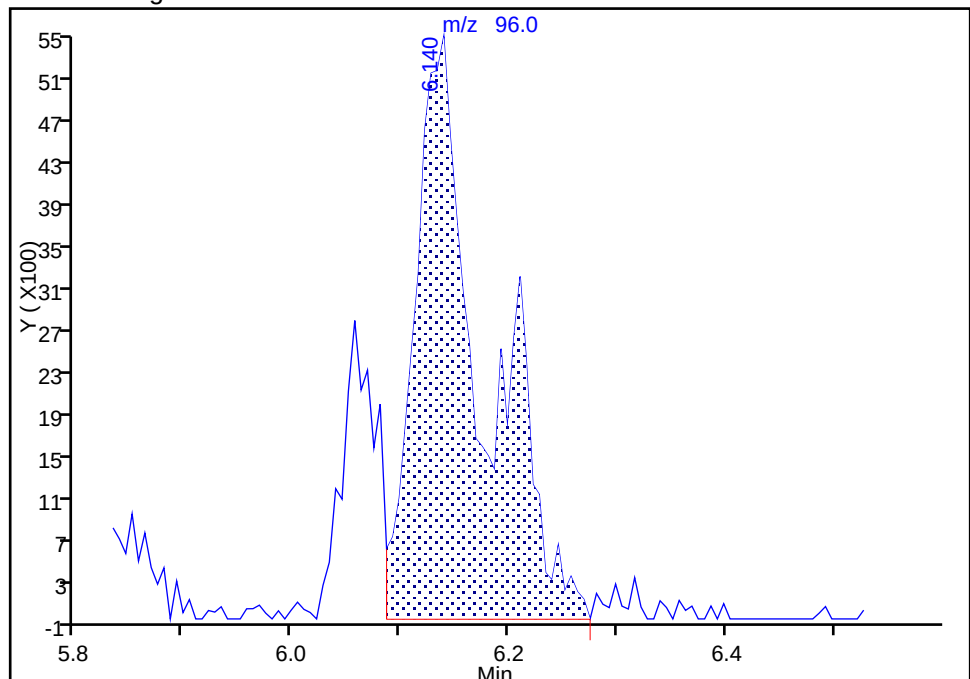
RT: 6.14
Area: 19387
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 6.14
Area: 24085
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 25-Jun-2017 23:06:59

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573278.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 23-Jun-2017 01:58:30 ALS Bottle#: 16 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0056810-012
 Operator ID: Instrument ID: CVOAMS8
 Sublist: chrom-8260_W8*sub49
 Method: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\8260_W8.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Jun-2017 00:40:08 Calib Date: 23-Jun-2017 02:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK020

First Level Reviewer: desais

Date: 23-Jun-2017 10:06:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.597	0.592	0.005	87	1214	5.00	5.41	
2 Dichlorodifluoromethane	85	0.632	0.627	0.005	97	16280	5.00	6.31	
3 Chloromethane	50	0.844	0.838	0.006	98	14609	5.00	5.34	
4 Vinyl chloride	62	0.932	0.932	0.000	98	14026	5.00	5.50	
5 Butadiene	54	0.961	0.962	-0.001	96	12334	5.00	5.67	
6 Bromomethane	94	1.279	1.267	0.012	97	6688	5.00	4.10	
7 Chloroethane	64	1.390	1.373	0.017	96	7934	5.00	5.47	
9 Trichlorofluoromethane	101	1.602	1.602	0.000	87	16150	5.00	5.46	
8 Dichlorofluoromethane	67	1.608	1.602	0.006	94	18648	5.00	5.38	
10 Pentane	72	1.666	1.649	0.017	97	3211	10.0	14.8	
11 Ethanol	46	1.907	1.890	0.017	54	1150	200.0	174.6	M
12 Ethyl ether	59	1.901	1.902	-0.001	94	7929	5.00	4.99	
13 2-Methyl-1,3-butadiene	53	1.931	1.925	0.006	96	8049	5.00	5.63	
14 1,2-Dichloro-1,1,2-trifluo	117	1.972	1.966	0.006	94	8061	5.00	5.22	
15 1,1,2-Trichloro-1,2,2-trif	101	2.113	2.102	0.011	94	9087	5.00	5.78	
16 Acrolein	56	2.125	2.125	0.000	50	2754	20.0	22.5	
17 1,1-Dichloroethene	96	2.160	2.149	0.011	93	8040	5.00	4.52	
18 Acetone	43	2.283	2.278	0.005	85	11609	25.0	23.1	
19 Iodomethane	142	2.336	2.337	-0.001	96	13289	5.00	5.43	
20 Carbon disulfide	76	2.371	2.366	0.005	99	31632	5.00	5.02	
21 Isopropyl alcohol	45	2.401	2.413	-0.012	28	2859	50.0	37.8	M
22 3-Chloro-1-propene	76	2.559	2.554	0.005	76	5032	5.00	4.94	
23 Cyclopentene	67	2.571	2.566	0.005	85	22304	5.00	5.48	
24 Methyl acetate	43	2.583	2.583	0.000	100	32629	25.0	25.5	
25 Acetonitrile	41	2.653	2.654	-0.001	95	11651	50.0	47.1	
26 Methylene Chloride	84	2.718	2.718	0.000	41	10951	5.00	4.67	
* 27 TBA-d9 (IS)	65	2.730	2.730	0.000	86	115360	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.812	2.818	-0.006	75	7791	50.0	57.5	
29 Methyl tert-butyl ether	73	2.912	2.912	0.000	97	26391	5.00	5.41	
30 trans-1,2-Dichloroethene	96	2.953	2.948	0.005	94	11018	5.00	5.34	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.053	3.053	0.000	93	32152	50.0	47.3	
32 Hexane	57	3.135	3.142	-0.007	88	9887	5.00	5.92	
33 Isopropyl ether	45	3.411	3.406	0.005	96	29142	5.00	5.07	
34 1,1-Dichloroethane	63	3.441	3.441	0.000	97	17888	5.00	5.28	
35 Vinyl acetate	43	3.476	3.471	0.005	100	33512	10.0	10.1	
36 2-Chloro-1,3-butadiene	88	3.494	3.494	0.000	91	7844	5.00	4.87	
37 Tert-butyl ethyl ether	59	3.799	3.794	0.005	87	26979	5.00	5.05	
38 2,2-Dichloropropane	79	4.052	4.035	0.017	19	4614	5.00	5.83	
* 39 2-Butanone-d5	46	4.040	4.040	0.000	91	146619	250.0	250.0	
40 cis-1,2-Dichloroethene	96	4.075	4.076	-0.001	94	11178	5.00	5.16	
41 2-Butanone (MEK)	72	4.105	4.105	0.000	96	4762	25.0	26.4	
42 Ethyl acetate	70	4.105	4.123	-0.018	94	1398	10.0	9.18	
43 Methyl acrylate	55	4.175	4.170	0.005	96	7027	5.00	4.68	
44 Propionitrile	54	4.269	4.270	-0.001	96	10513	50.0	46.0	
45 Tetrahydrofuran	72	4.352	4.340	0.012	22	1996	10.0	9.14	
46 Chlorobromomethane	128	4.357	4.346	0.011	64	5044	5.00	5.31	
47 Methacrylonitrile	67	4.387	4.387	0.000	92	37962	50.0	50.7	
48 Chloroform	83	4.416	4.411	0.005	98	17164	5.00	5.25	
49 Cyclohexane	56	4.540	4.540	0.000	88	15966	5.00	6.37	
50 1,1,1-Trichloroethane	97	4.563	4.563	0.000	95	14077	5.00	5.04	
\$ 51 Dibromofluoromethane (Surr	113	4.598	4.599	-0.001	96	74176	50.0	50.3	
52 Carbon tetrachloride	117	4.710	4.704	0.006	98	12039	5.00	5.36	
53 1,1-Dichloropropene	75	4.751	4.746	0.005	96	13026	5.00	5.32	
58 Isobutyl alcohol	43	4.939	4.934	0.005	68	10126	125.0	132.4	
54 Isooctane	57	4.933	4.939	-0.006	86	17570	5.00	6.13	
55 Benzene	78	4.986	4.981	0.005	94	40075	5.00	5.37	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.010	5.010	0.000	96	86325	50.0	49.0	
57 Tert-amyl methyl ether	73	5.057	5.057	0.000	77	26142	5.00	4.63	
59 Isopropyl acetate	43	5.057	5.057	0.000	93	23699	5.00	4.66	
60 1,2-Dichloroethane	62	5.098	5.098	0.000	93	12499	5.00	5.05	
61 n-Heptane	57	5.162	5.163	-0.001	92	3923	5.00	5.42	
* 62 Fluorobenzene	96	5.321	5.321	0.000	99	366639	50.0	50.0	
63 n-Butanol	56	5.691	5.703	-0.012	68	3338	125.0	102.2	
64 Trichloroethene	95	5.720	5.721	-0.001	98	10539	5.00	5.22	
65 Methylcyclohexane	83	5.856	5.850	0.006	92	11220	5.00	5.08	
66 Ethyl acrylate	55	5.873	5.874	-0.001	91	17665	5.00	4.96	
67 1,2-Dichloropropane	63	6.061	6.056	0.005	95	10125	5.00	5.12	
* 68 1,4-Dioxane-d8	96	6.132	6.132	0.000	93	15830	1000.0	1000.0	
69 Methyl methacrylate	100	6.155	6.150	0.005	87	5166	10.0	10.8	
70 1,4-Dioxane	88	6.185	6.185	0.000	35	994	100.0	80.6	M
71 Dibromomethane	93	6.208	6.209	0.000	87	6118	5.00	5.15	
72 n-Propyl acetate	43	6.220	6.220	0.000	98	11053	5.00	4.73	
73 Dichlorobromomethane	83	6.379	6.385	-0.006	98	13368	5.00	5.25	
74 2-Nitropropane	41	6.760	6.761	-0.001	82	4262	10.0	9.58	
75 2-Chloroethyl vinyl ether	63	6.760	6.767	-0.007	71	5769	5.00	5.30	
76 Epichlorohydrin	57	6.884	6.884	0.000	98	14709	100.0	102.2	
77 cis-1,3-Dichloropropene	75	6.937	6.937	0.000	92	14528	5.00	5.23	
78 4-Methyl-2-pentanone (MIBK	43	7.119	7.119	0.000	98	35769	25.0	25.3	
\$ 79 Toluene-d8 (Surr)	98	7.201	7.201	0.000	99	295450	50.0	51.4	
80 Toluene	91	7.289	7.284	0.005	95	43114	5.00	5.30	
81 trans-1,3-Dichloropropene	75	7.683	7.677	0.006	95	12915	5.00	5.09	
82 Ethyl methacrylate	69	7.701	7.707	-0.006	88	9251	5.00	4.23	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	7.912	7.912	0.000	92	7780	5.00	5.31	
84 Tetrachloroethene	166	7.953	7.942	0.011	96	10398	5.00	5.73	
85 1,3-Dichloropropane	76	8.147	8.136	0.011	96	13643	5.00	4.95	
86 2-Hexanone	58	8.206	8.200	0.006	98	13085	25.0	23.3	
87 n-Butyl acetate	43	8.317	8.324	-0.007	89	11876	5.00	4.95	
88 Chlorodibromomethane	129	8.394	8.388	0.006	95	8646	5.00	4.76	
89 Ethylene Dibromide	107	8.564	8.559	0.005	95	8734	5.00	5.33	M
* 90 Chlorobenzene-d5	117	9.134	9.134	0.000	86	257573	50.0	50.0	
91 Chlorobenzene	112	9.175	9.176	-0.001	96	27107	5.00	5.20	
92 Ethylbenzene	106	9.269	9.264	0.005	98	13534	5.00	5.10	
93 1,1,1,2-Tetrachloroethane	131	9.293	9.287	0.006	95	9859	5.00	5.26	
94 m-Xylene & p-Xylene	106	9.416	9.417	0.000	93	17497	5.00	5.44	
95 n-Butyl acrylate	73	9.827	9.828	-0.001	98	5683	5.00	4.70	
96 o-Xylene	106	9.851	9.845	0.006	95	17194	5.00	5.23	
97 Styrene	104	9.874	9.875	-0.001	97	27960	5.00	5.10	
98 Amyl acetate (mixed isomer	43	10.045	10.045	0.000	92	13047	5.00	4.48	
99 Bromoform	173	10.080	10.080	0.000	95	6448	5.00	5.18	
100 Isopropylbenzene	105	10.186	10.180	0.006	96	37519	5.00	4.98	
\$ 101 4-Bromofluorobenzene	174	10.368	10.368	0.000	91	88496	50.0	50.2	
102 Bromobenzene	156	10.491	10.492	-0.001	93	11383	5.00	4.98	
103 1,1,2,2-Tetrachloroethane	83	10.527	10.527	0.000	97	10081	5.00	4.99	
104 N-Propylbenzene	91	10.544	10.545	-0.001	98	44715	5.00	4.95	
105 1,2,3-Trichloropropane	110	10.568	10.568	0.000	94	3172	5.00	5.06	
106 trans-1,4-Dichloro-2-buten	53	10.579	10.580	-0.001	76	2744	5.00	4.89	
108 4-Ethyltoluene	105	10.638	10.639	-0.001	87	38940	5.00	4.98	
107 2-Chlorotoluene	91	10.638	10.639	-0.001	95	34291	5.00	5.07	
109 1,3,5-Trimethylbenzene	105	10.691	10.697	-0.006	95	33183	5.00	5.14	
110 4-Chlorotoluene	91	10.732	10.738	-0.006	96	30945	5.00	5.11	
111 Butyl Methacrylate	87	10.762	10.774	-0.012	88	10853	5.00	4.29	
112 tert-Butylbenzene	119	10.926	10.944	-0.018	93	26249	5.00	5.19	
113 1,2,4-Trimethylbenzene	105	10.979	10.991	-0.012	97	33845	5.00	4.99	
114 sec-Butylbenzene	105	11.091	11.109	-0.018	99	36233	5.00	5.14	
115 4-Isopropyltoluene	119	11.191	11.214	-0.023	98	32027	5.00	5.17	
116 1,3-Dichlorobenzene	146	11.202	11.226	-0.024	93	20412	5.00	5.17	
* 117 1,4-Dichlorobenzene-d4	152	11.255	11.279	-0.024	95	140568	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.273	11.297	-0.024	75	21939	5.00	5.14	
134 1,2,3-Trimethylbenzene	105	11.285	11.308	-0.023	93	36125	5.00	5.00	
119 Benzyl chloride	91	11.373	11.402	-0.029	98	19511	5.00	5.20	
120 2,3-Dihydroindene	117	11.420	11.455	-0.035	93	37119	5.00	4.92	
121 p-Diethylbenzene	119	11.449	11.485	-0.036	91	18528	5.00	5.26	
122 n-Butylbenzene	91	11.467	11.502	-0.035	96	34537	5.00	5.38	
123 1,2-Dichlorobenzene	146	11.525	11.567	-0.042	96	20438	5.00	5.21	
124 1,2,4,5-Tetramethylbenzene	119	11.960	12.008	-0.048	98	25503	5.00	4.67	
125 1,2-Dibromo-3-Chloropropan	155	12.054	12.107	-0.053	88	1570	5.00	4.73	
126 1,3,5-Trichlorobenzene	180	12.142	12.196	-0.054	97	11912	5.00	5.23	
127 1,2,4-Trichlorobenzene	180	12.589	12.648	-0.059	92	9564	5.00	4.92	
128 Hexachlorobutadiene	225	12.654	12.713	-0.059	91	4259	5.00	5.90	
129 Naphthalene	128	12.777	12.848	-0.071	99	22141	5.00	4.52	
130 1,2,3-Trichlorobenzene	180	12.959	13.024	-0.065	93	7255	5.00	5.01	
S 131 1,2-Dichloroethene, Total	100				0		10.0	10.5	
S 132 Xylenes, Total	100				0		10.0	10.7	
S 133 Total BTEX	1				0		25.0	26.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00065	Amount Added: 4.00	Units: uL	
Ethanol mix_00002	Amount Added: 1.00	Units: uL	
MIX 2 Hi_00057	Amount Added: 1.00	Units: uL	
MIX I Hi_00074	Amount Added: 1.00	Units: uL	
GAS Hi_00206	Amount Added: 1.00	Units: uL	
8260ISNEW_00111	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00157	Amount Added: 1.00	Units: uL	Run Reagent

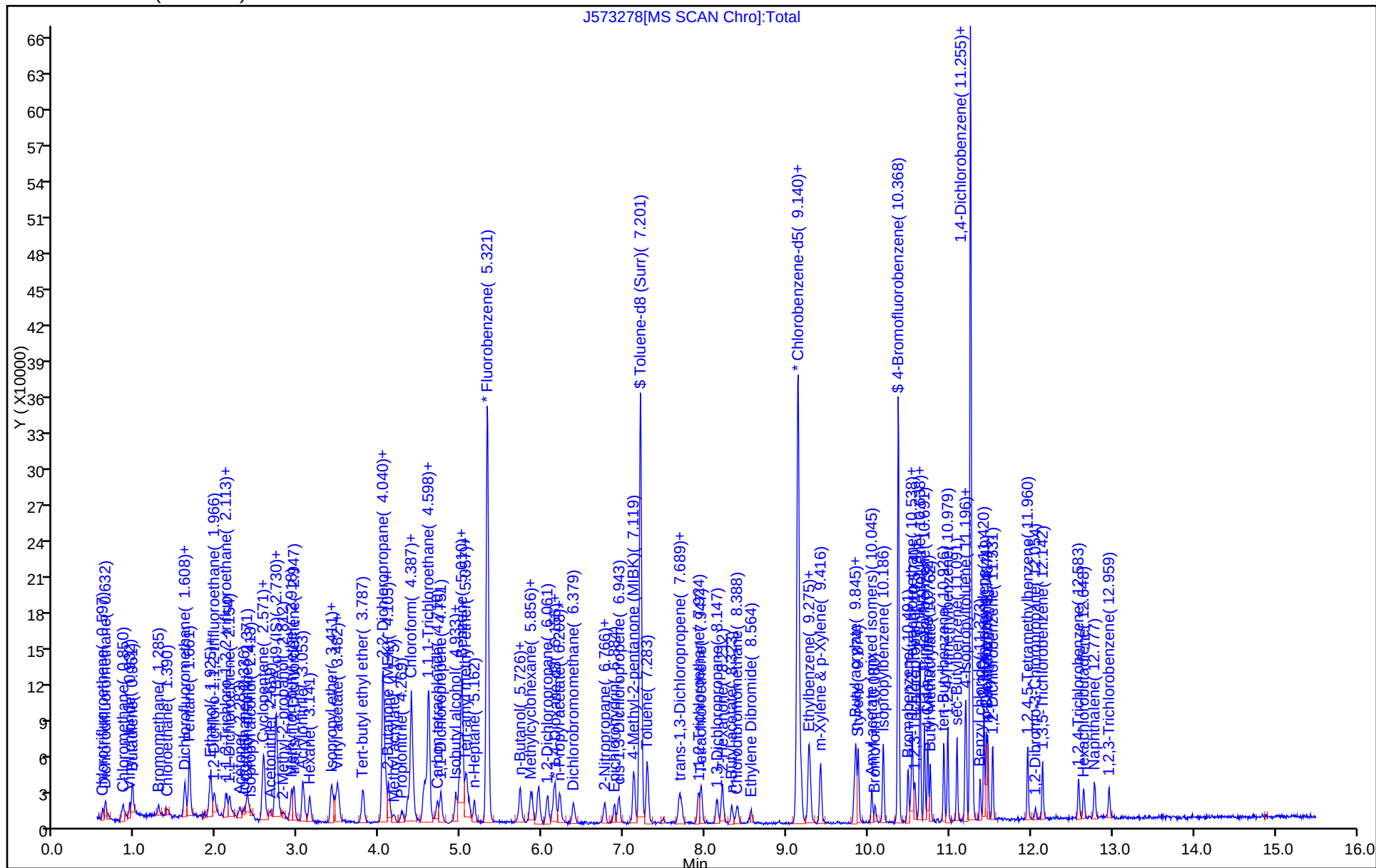
Operator ID:

Worklist Smp#: 12

ALS Bottle#: 16

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573278.D

Injection Date: 23-Jun-2017 01:58:30

Instrument ID: CVOAMS8

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

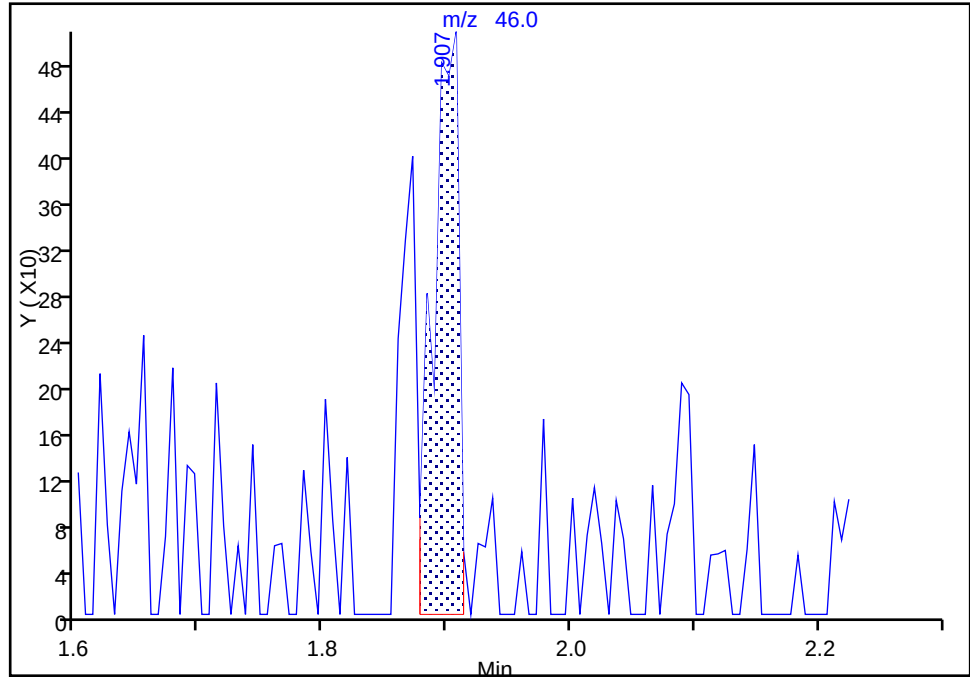
MS SCAN

11 Ethanol, CAS: 64-17-5

Signal: 1

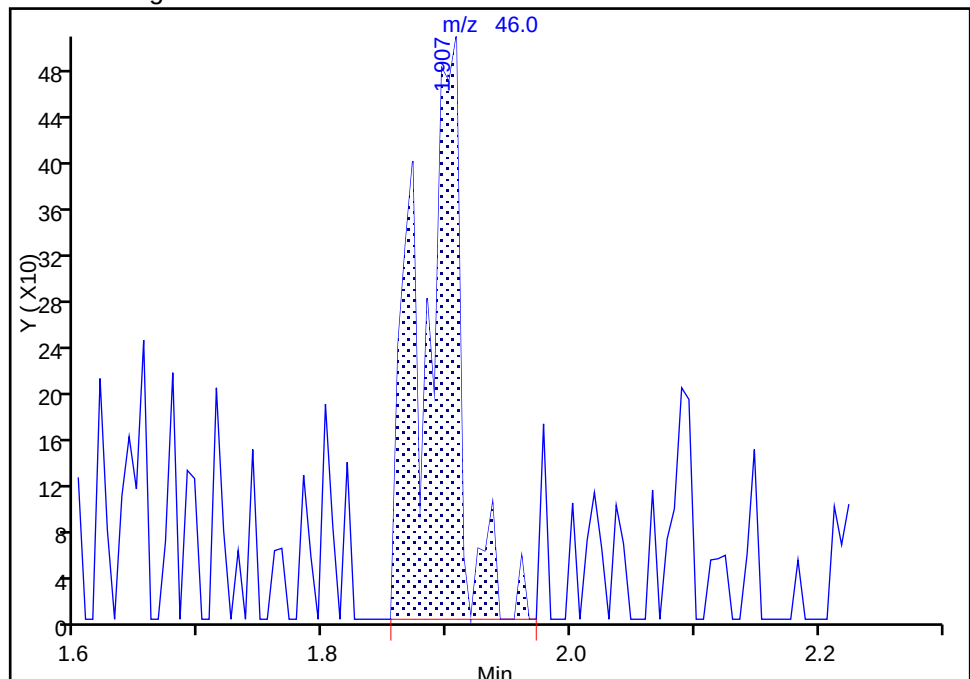
RT: 1.91
Area: 718
Amount: 121.6490
Amount Units: ug/l

Processing Integration Results



RT: 1.91
Area: 1150
Amount: 174.6079
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 25-Jun-2017 23:10:19

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573278.D

Injection Date: 23-Jun-2017 01:58:30

Instrument ID: CVOAMS8

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

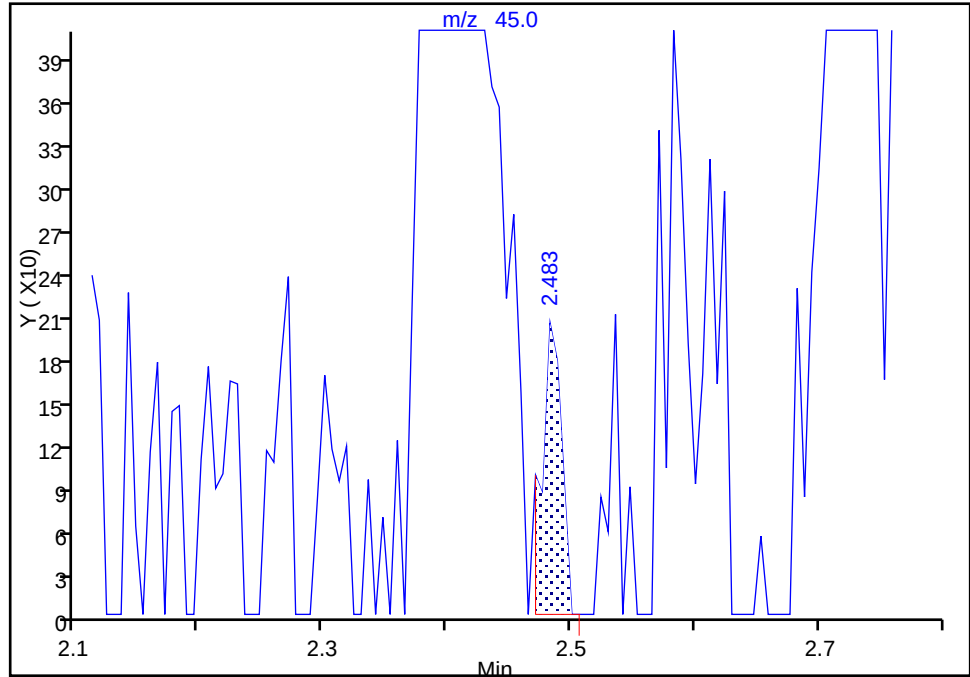
Detector: MS SCAN

21 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

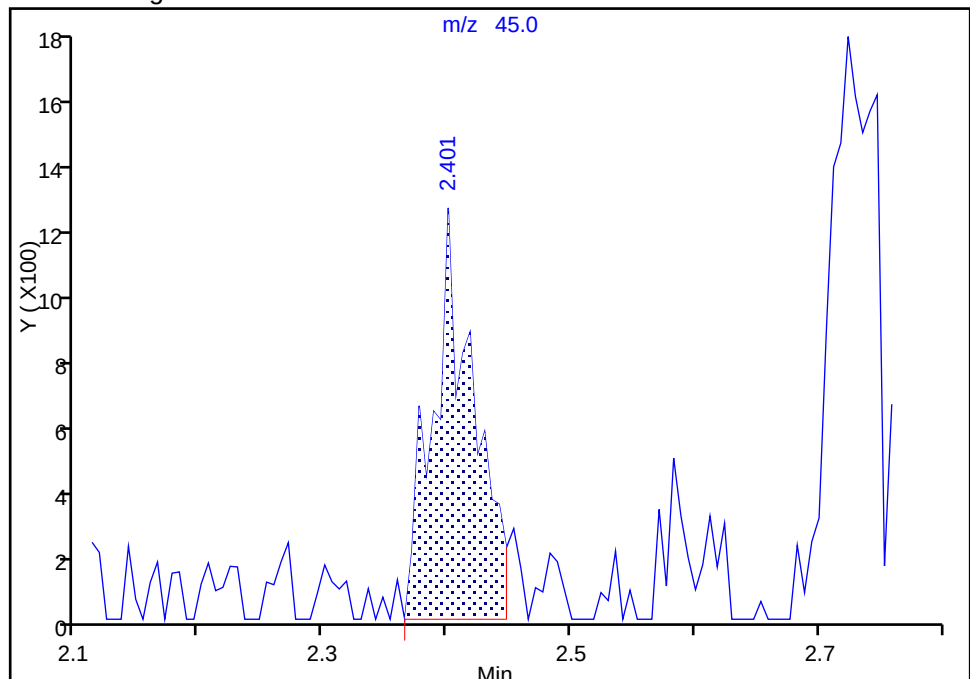
RT: 2.48
Area: 226
Amount: 2.990073
Amount Units: ug/l

Processing Integration Results



RT: 2.40
Area: 2859
Amount: 37.786244
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 25-Jun-2017 23:10:46

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS8\\20170622-56810.b\\J573278.D

Injection Date: 23-Jun-2017 01:58:30

Instrument ID: CVOAMS8

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

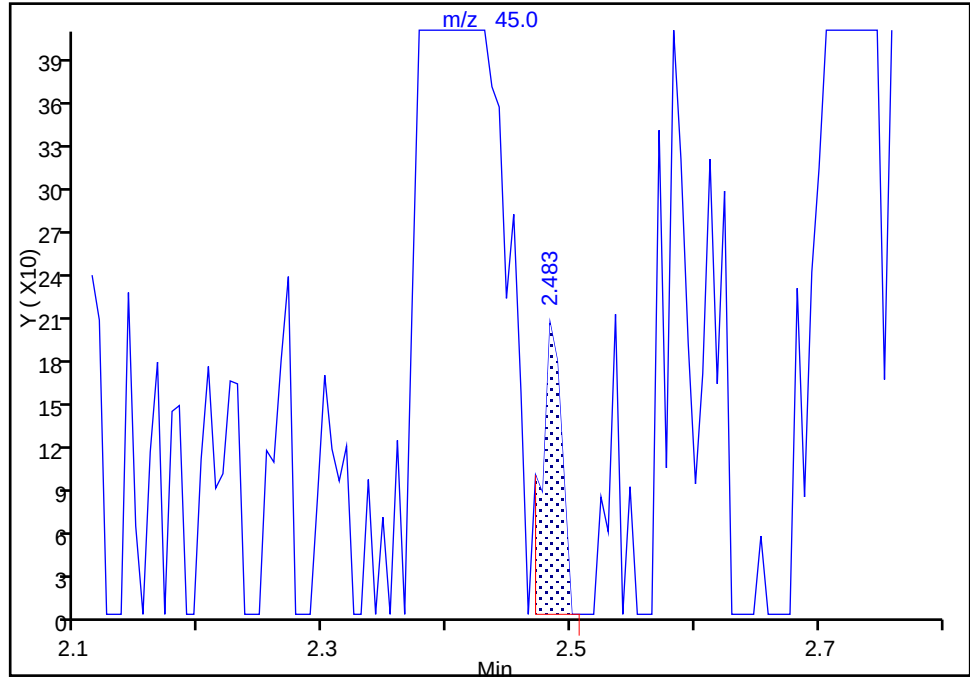
Detector: MS SCAN

21 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

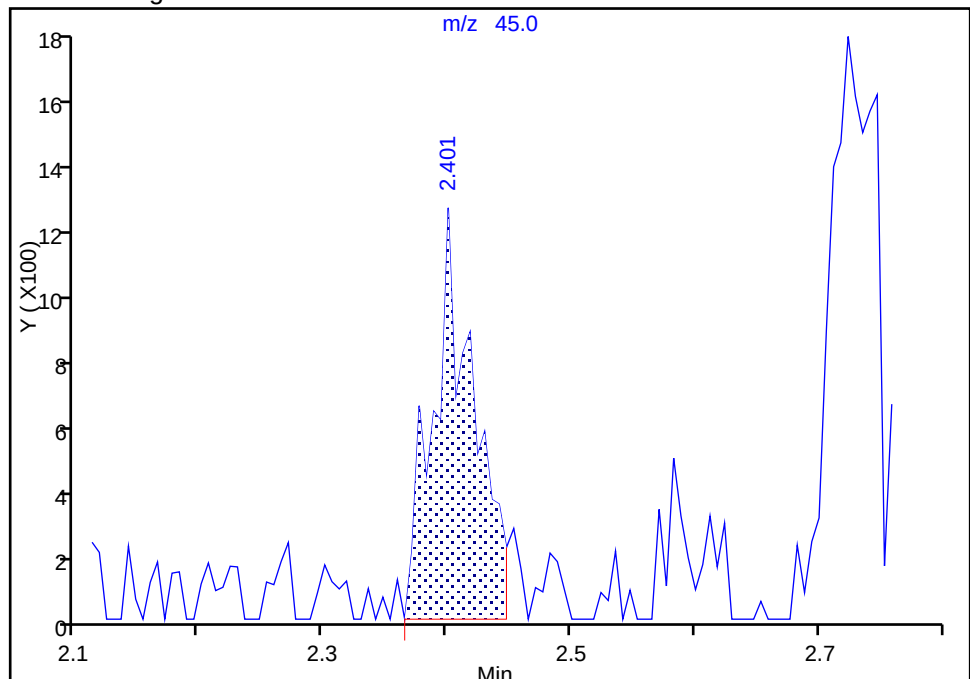
RT: 2.48
Area: 226
Amount: 2.990073
Amount Units: ug/l

Processing Integration Results



RT: 2.40
Area: 2859
Amount: 37.786244
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 25-Jun-2017 23:23:15

Audit Action: Split an Integrated Peak

Audit Reason: Shouldering

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573278.D

Injection Date: 23-Jun-2017 01:58:30

Instrument ID: CVOAMS8

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

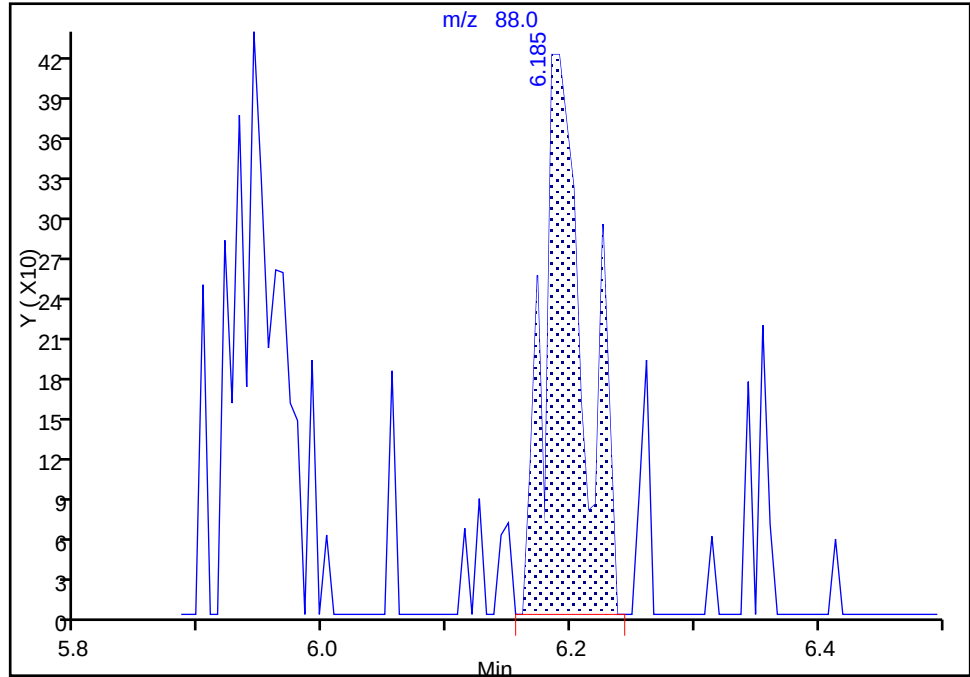
MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

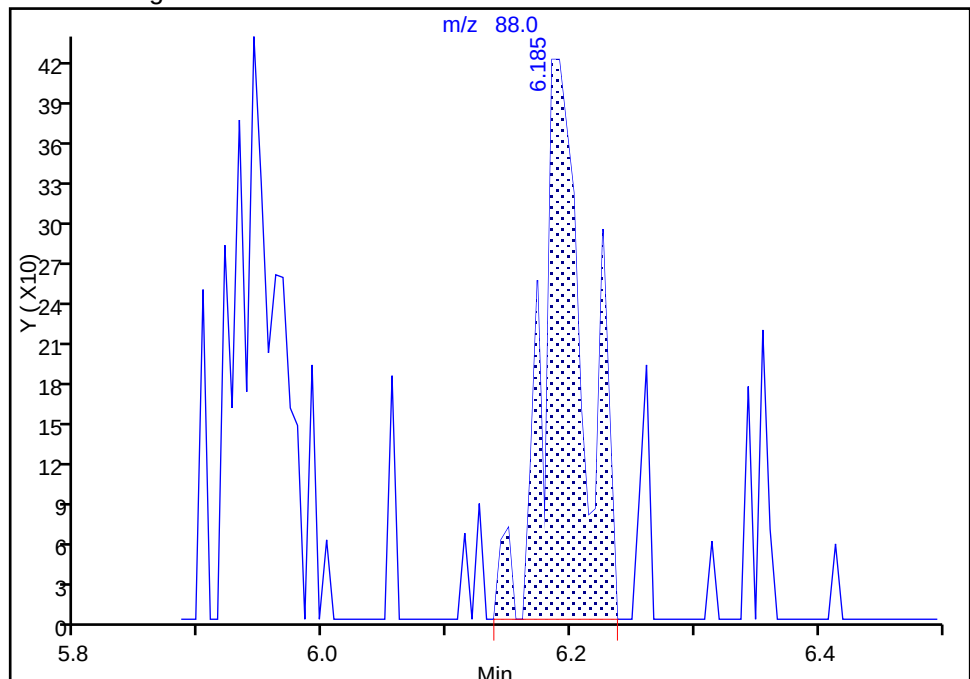
RT: 6.18
Area: 949
Amount: 76.946720
Amount Units: ug/l

Processing Integration Results



RT: 6.18
Area: 994
Amount: 80.597298
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Jun-2017 00:32:16

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573278.D

Injection Date: 23-Jun-2017 01:58:30

Instrument ID: CVOAMS8

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

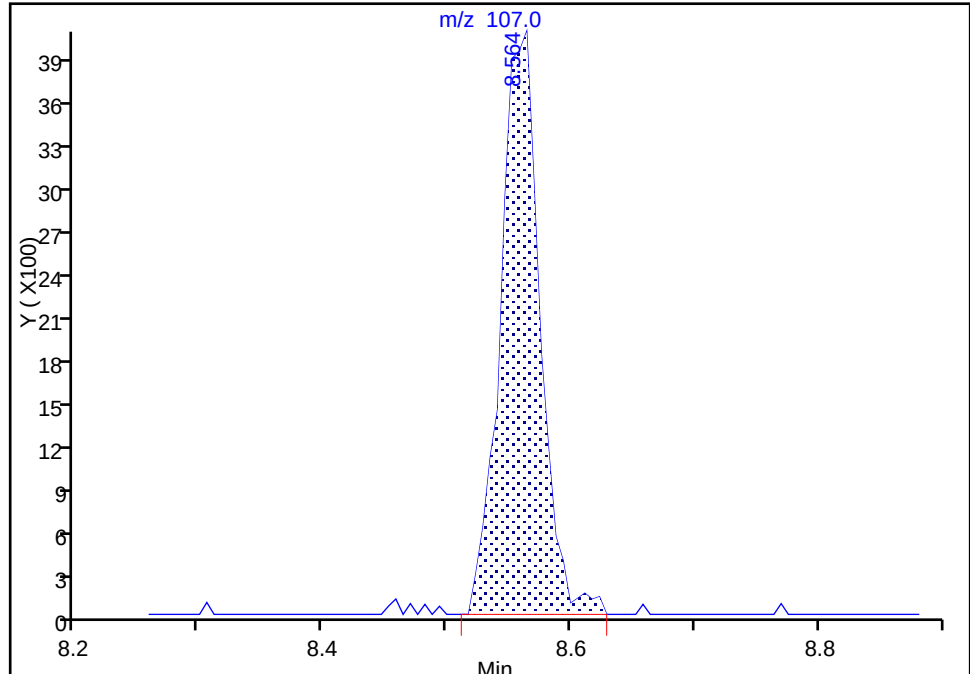
MS SCAN

89 Ethylene Dibromide, CAS: 106-93-4

Signal: 1

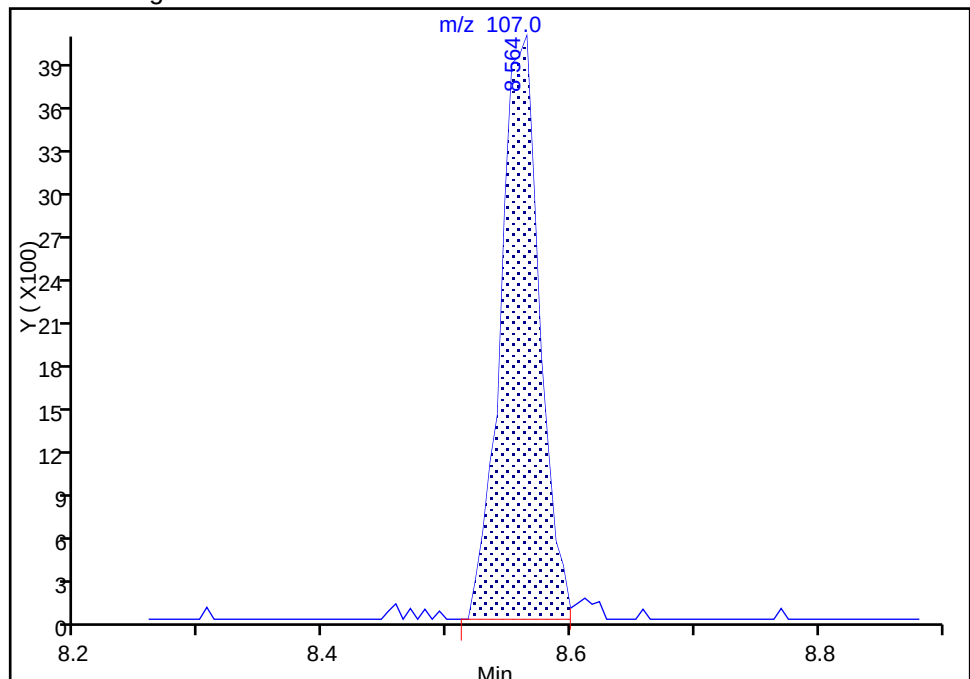
RT: 8.56
Area: 8902
Amount: 5.412913
Amount Units: ug/l

Processing Integration Results



RT: 8.56
Area: 8734
Amount: 5.328905
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 25-Jun-2017 23:11:32

Audit Action: Split an Integrated Peak

Audit Reason: Peak Tail

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 23-Jun-2017 02:50:30 ALS Bottle#: 18 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0056810-014
 Operator ID: Instrument ID: CVOAMS8
 Sublist: chrom-8260_W8*sub49
 Method: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\8260_W8.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Jun-2017 00:39:35 Calib Date: 23-Jun-2017 02:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK020

First Level Reviewer: desais

Date: 23-Jun-2017 10:26:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.602	0.592	0.010	20	231	1.00	1.02	M
2 Dichlorodifluoromethane	85	0.631	0.627	0.004	66	2828	1.00	1.08	
3 Chloromethane	50	0.837	0.838	-0.001	78	2493	1.00	0.8989	
4 Vinyl chloride	62	0.937	0.932	0.005	93	2841	1.00	1.10	
5 Butadiene	54	0.966	0.962	0.004	83	2563	1.00	1.16	M
6 Bromomethane	94	1.284	1.267	0.017	56	1799	1.00	1.09	
7 Chloroethane	64	1.389	1.373	0.016	67	1770	1.00	1.20	
8 Dichlorofluoromethane	67	1.613	1.602	0.011	94	3838	1.00	1.09	
9 Trichlorofluoromethane	101	1.607	1.602	0.005	82	3667	1.00	1.22	
10 Pentane	72	1.671	1.649	0.022	92	857	2.00	3.97	
11 Ethanol	46	1.883	1.890	-0.007	36	302	40.0	46.1	M
12 Ethyl ether	59	1.912	1.902	0.010	79	1770	1.00	1.10	
13 2-Methyl-1,3-butadiene	53	1.930	1.925	0.005	35	1815	1.00	1.25	
14 1,2-Dichloro-1,1,2-trifluo	117	1.971	1.966	0.005	36	1807	1.00	1.15	
15 1,1,2-Trichloro-1,2,2-trif	101	2.118	2.102	0.016	54	1961	1.00	1.23	
16 Acrolein	56	2.153	2.125	0.028	1	548	4.00	4.49	M
17 1,1-Dichloroethene	96	2.159	2.149	0.010	45	2160	1.00	1.20	M
18 Acetone	43	2.288	2.278	0.010	75	3196	5.00	6.00	M
19 Iodomethane	142	2.341	2.337	0.004	66	3036	1.00	1.22	
20 Carbon disulfide	76	2.376	2.366	0.010	96	7818	1.00	1.22	
21 Isopropyl alcohol	45	2.394	2.413	-0.019	1	1314	10.0	17.4	M
22 3-Chloro-1-propene	76	2.558	2.554	0.004	65	1146	1.00	1.11	
23 Cyclopentene	67	2.570	2.566	0.004	82	4873	1.00	1.18	
24 Methyl acetate	43	2.594	2.583	0.011	98	6911	5.00	5.33	
25 Acetonitrile	41	2.664	2.654	0.010	40	2627	10.0	10.7	
26 Methylene Chloride	84	2.723	2.718	0.005	32	3492	1.00	1.01	
* 27 TBA-d9 (IS)	65	2.735	2.730	0.005	82	114859	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.823	2.818	0.005	55	2036	10.0	9.76	
29 Methyl tert-butyl ether	73	2.917	2.912	0.005	76	4796	1.00	0.9696	
30 trans-1,2-Dichloroethene	96	2.958	2.948	0.010	79	2807	1.00	0.9896	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.064	3.053	0.011	94	6913	10.0	10.2	
32 Hexane	57	3.152	3.142	0.010	77	2330	1.00	1.38	
33 Isopropyl ether	45	3.422	3.406	0.016	60	5800	1.00	1.00	
34 1,1-Dichloroethane	63	3.446	3.441	0.005	77	3585	1.00	1.04	
35 Vinyl acetate	43	3.487	3.471	0.016	97	7664	2.00	2.27	
36 2-Chloro-1,3-butadiene	88	3.504	3.494	0.010	61	1989	1.00	1.22	
37 Tert-butyl ethyl ether	59	3.798	3.794	0.004	91	5614	1.00	1.04	
38 2,2-Dichloropropane	79	4.039	4.035	0.004	47	1091	1.00	0.9700	
* 39 2-Butanone-d5	46	4.045	4.040	0.005	88	155155	250.0	250.0	
40 cis-1,2-Dichloroethene	96	4.080	4.076	0.004	33	2344	1.00	1.07	
41 2-Butanone (MEK)	72	4.110	4.105	0.005	56	859	5.00	4.50	
42 Ethyl acetate	70	4.121	4.123	-0.002	84	254	2.00	1.58	
43 Methyl acrylate	55	4.186	4.170	0.016	38	1587	1.00	1.04	
44 Propionitrile	54	4.268	4.270	-0.002	27	2497	10.0	11.0	
45 Tetrahydrofuran	72	4.345	4.340	0.005	3	659	2.00	2.03	
46 Chlorobromomethane	128	4.345	4.346	-0.001	36	899	1.00	0.9333	
47 Methacrylonitrile	67	4.398	4.387	0.011	90	7416	10.0	9.77	
48 Chloroform	83	4.415	4.411	0.004	79	2908	1.00	0.8777	
49 Cyclohexane	56	4.550	4.540	0.010	65	3596	1.00	1.41	
50 1,1,1-Trichloroethane	97	4.568	4.563	0.005	62	3534	1.00	1.25	
\$ 51 Dibromofluoromethane (Surr	113	4.603	4.599	0.004	96	75419	50.0	50.5	
52 Carbon tetrachloride	117	4.721	4.704	0.017	62	2878	1.00	1.27	
53 1,1-Dichloropropene	75	4.756	4.746	0.010	59	2714	1.00	1.09	
58 Isobutyl alcohol	43	4.932	4.934	-0.002	42	2129	25.0	28.0	
54 Isooctane	57	4.962	4.939	0.023	87	4258	1.00	1.47	
55 Benzene	78	4.991	4.981	0.010	69	8770	1.00	1.16	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.014	5.010	0.004	97	89141	50.0	49.9	
59 Isopropyl acetate	43	5.073	5.057	0.016	87	5907	1.00	1.15	
57 Tert-amyl methyl ether	73	5.067	5.057	0.010	75	5579	1.00	0.9745	
60 1,2-Dichloroethane	62	5.114	5.098	0.016	73	2550	1.00	1.02	
61 n-Heptane	57	5.173	5.163	0.010	58	759	1.00	1.03	
* 62 Fluorobenzene	96	5.326	5.321	0.005	98	371550	50.0	50.0	
63 n-Butanol	56	5.702	5.703	-0.001	41	847	25.0	26.1	
64 Trichloroethene	95	5.720	5.721	-0.001	90	2273	1.00	1.11	
65 Methylcyclohexane	83	5.866	5.850	0.016	90	2343	1.00	1.05	
66 Ethyl acrylate	55	5.884	5.874	0.010	92	4185	1.00	1.16	
67 1,2-Dichloropropane	63	6.054	6.056	-0.002	59	2322	1.00	1.16	
* 68 1,4-Dioxane-d8	96	6.131	6.132	-0.001	91	15349	1000.0	1000.0	M
69 Methyl methacrylate	100	6.166	6.150	0.016	52	764	2.00	1.57	
70 1,4-Dioxane	88	6.195	6.185	0.010	21	899	50.0	75.2	M
71 Dibromomethane	93	6.201	6.209	-0.007	57	1310	1.00	1.09	
72 n-Propyl acetate	43	6.219	6.220	-0.001	70	2323	1.00	0.9801	
73 Dichlorobromomethane	83	6.383	6.385	-0.002	70	2805	1.00	1.09	
74 2-Nitropropane	41	6.771	6.761	0.010	64	1033	2.00	2.29	
75 2-Chloroethyl vinyl ether	63	6.765	6.767	-0.002	23	915	1.00	0.8291	
76 Epichlorohydrin	57	6.883	6.884	-0.001	65	3436	20.0	22.6	
77 cis-1,3-Dichloropropene	75	6.942	6.937	0.005	52	3041	1.00	1.08	
78 4-Methyl-2-pentanone (MIBK	43	7.124	7.119	0.005	94	6486	5.00	4.33	
\$ 79 Toluene-d8 (Surr)	98	7.206	7.201	0.005	99	286547	50.0	49.2	
80 Toluene	91	7.288	7.284	0.004	89	10273	1.00	1.25	
81 trans-1,3-Dichloropropene	75	7.682	7.677	0.005	40	2988	1.00	1.16	
82 Ethyl methacrylate	69	7.711	7.707	0.004	58	2065	1.00	0.9323	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	7.923	7.912	0.011	15	1574	1.00	1.06	M
84 Tetrachloroethene	166	7.946	7.942	0.004	56	2045	1.00	1.11	
85 1,3-Dichloropropane	76	8.140	8.136	0.004	44	3205	1.00	1.15	
86 2-Hexanone	58	8.217	8.200	0.017	93	2693	5.00	4.53	
87 n-Butyl acetate	43	8.322	8.324	-0.002	85	2372	1.00	0.9764	
88 Chlorodibromomethane	129	8.410	8.388	0.022	24	1652	1.00	0.8986	
89 Ethylene Dibromide	107	8.563	8.559	0.004	45	1573	1.00	0.9473	
* 90 Chlorobenzene-d5	117	9.139	9.134	0.005	86	260960	50.0	50.0	
91 Chlorobenzene	112	9.180	9.176	0.004	75	5953	1.00	1.13	
92 Ethylbenzene	106	9.268	9.264	0.004	97	2715	1.00	1.01	
93 1,1,1,2-Tetrachloroethane	131	9.298	9.287	0.011	59	2085	1.00	1.10	
94 m-Xylene & p-Xylene	106	9.421	9.417	0.005	95	2922	1.00	0.8965	
95 n-Butyl acrylate	73	9.821	9.828	-0.007	75	960	1.00	0.7837	
96 o-Xylene	106	9.844	9.845	-0.001	92	3255	1.00	0.9763	
97 Styrene	104	9.879	9.875	0.004	90	4338	1.00	0.7811	
98 Amyl acetate (mixed isomer	43	10.050	10.045	0.005	73	2676	1.00	0.9628	
99 Bromoform	173	10.091	10.080	0.011	74	1199	1.00	0.9507	
100 Isopropylbenzene	105	10.185	10.180	0.005	94	7700	1.00	1.01	
\$ 101 4-Bromofluorobenzene	174	10.373	10.368	0.005	93	87195	50.0	48.8	
102 Bromobenzene	156	10.490	10.492	-0.002	86	2307	1.00	1.06	
103 1,1,2,2-Tetrachloroethane	83	10.532	10.527	0.005	42	2077	1.00	1.08	
104 N-Propylbenzene	91	10.543	10.545	-0.002	96	9644	1.00	1.12	
105 1,2,3-Trichloropropane	110	10.567	10.568	-0.001	2	542	1.00	0.9057	
106 trans-1,4-Dichloro-2-buten	53	10.573	10.580	-0.007	63	680	1.00	1.27	
107 2-Chlorotoluene	91	10.637	10.639	-0.002	92	7129	1.00	1.10	
108 4-Ethyltoluene	105	10.637	10.639	-0.002	88	7775	1.00	1.04	
109 1,3,5-Trimethylbenzene	105	10.690	10.697	-0.007	92	5851	1.00	0.9493	
110 4-Chlorotoluene	91	10.731	10.738	-0.007	96	5921	1.00	1.02	
111 Butyl Methacrylate	87	10.761	10.774	-0.013	86	2376	1.00	0.9831	
112 tert-Butylbenzene	119	10.931	10.944	-0.013	97	4784	1.00	0.99	
113 1,2,4-Trimethylbenzene	105	10.978	10.991	-0.013	94	6166	1.00	0.9512	
114 sec-Butylbenzene	105	11.090	11.109	-0.019	97	7502	1.00	1.12	
115 4-Isopropyltoluene	119	11.195	11.214	-0.019	95	6159	1.00	1.04	
116 1,3-Dichlorobenzene	146	11.201	11.226	-0.025	60	4057	1.00	1.08	
* 117 1,4-Dichlorobenzene-d4	152	11.254	11.279	-0.025	95	134236	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.272	11.297	-0.025	91	5109	1.00	1.25	
134 1,2,3-Trimethylbenzene	105	11.278	11.308	-0.030	78	7392	1.00	1.07	
119 Benzyl chloride	91	11.372	11.402	-0.030	96	3786	1.00	1.06	
120 2,3-Dihydroindene	117	11.419	11.455	-0.036	94	7302	1.00	1.01	
121 p-Diethylbenzene	119	11.448	11.485	-0.037	80	3441	1.00	1.02	
122 n-Butylbenzene	91	11.466	11.502	-0.036	95	7385	1.00	1.21	
123 1,2-Dichlorobenzene	146	11.524	11.567	-0.043	97	4546	1.00	1.21	
124 1,2,4,5-Tetramethylbenzene	119	11.953	12.008	-0.055	97	5472	1.00	1.05	
125 1,2-Dibromo-3-Chloropropan	155	12.047	12.107	-0.060	23	521	1.00	1.01	
126 1,3,5-Trichlorobenzene	180	12.136	12.196	-0.060	93	2931	1.00	1.00	
127 1,2,4-Trichlorobenzene	180	12.582	12.648	-0.066	93	2272	1.00	1.22	
128 Hexachlorobutadiene	225	12.635	12.713	-0.078	84	1204	1.00	1.75	
129 Naphthalene	128	12.776	12.848	-0.072	97	5241	1.00	1.12	
130 1,2,3-Trichlorobenzene	180	12.946	13.024	-0.078	91	2026	1.00	1.00	M
S 131 1,2-Dichloroethene, Total	100				0		2.00	2.06	
S 132 Xylenes, Total	100				0		2.00	1.87	
S 133 Total BTEX	1				0		5.00	5.29	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

Ethanol mix_00002	Amount Added: 1.00	Units: uL	
MIX 2 Hi_00057	Amount Added: 1.00	Units: uL	
MIX I Hi_00074	Amount Added: 1.00	Units: uL	
GAS Hi_00206	Amount Added: 1.00	Units: uL	
14DIOXINTER_00070	Amount Added: 30.00	Units: uL	
ACROLEIN W_00065	Amount Added: 4.00	Units: uL	
8260ISNEW_00111	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00157	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS8\\20170622-56810.b\\J573280.D

Injection Date: 23-Jun-2017 02:50:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: STD1

Worklist Smp#: 14

Client ID:

Purge Vol: 5.000 mL

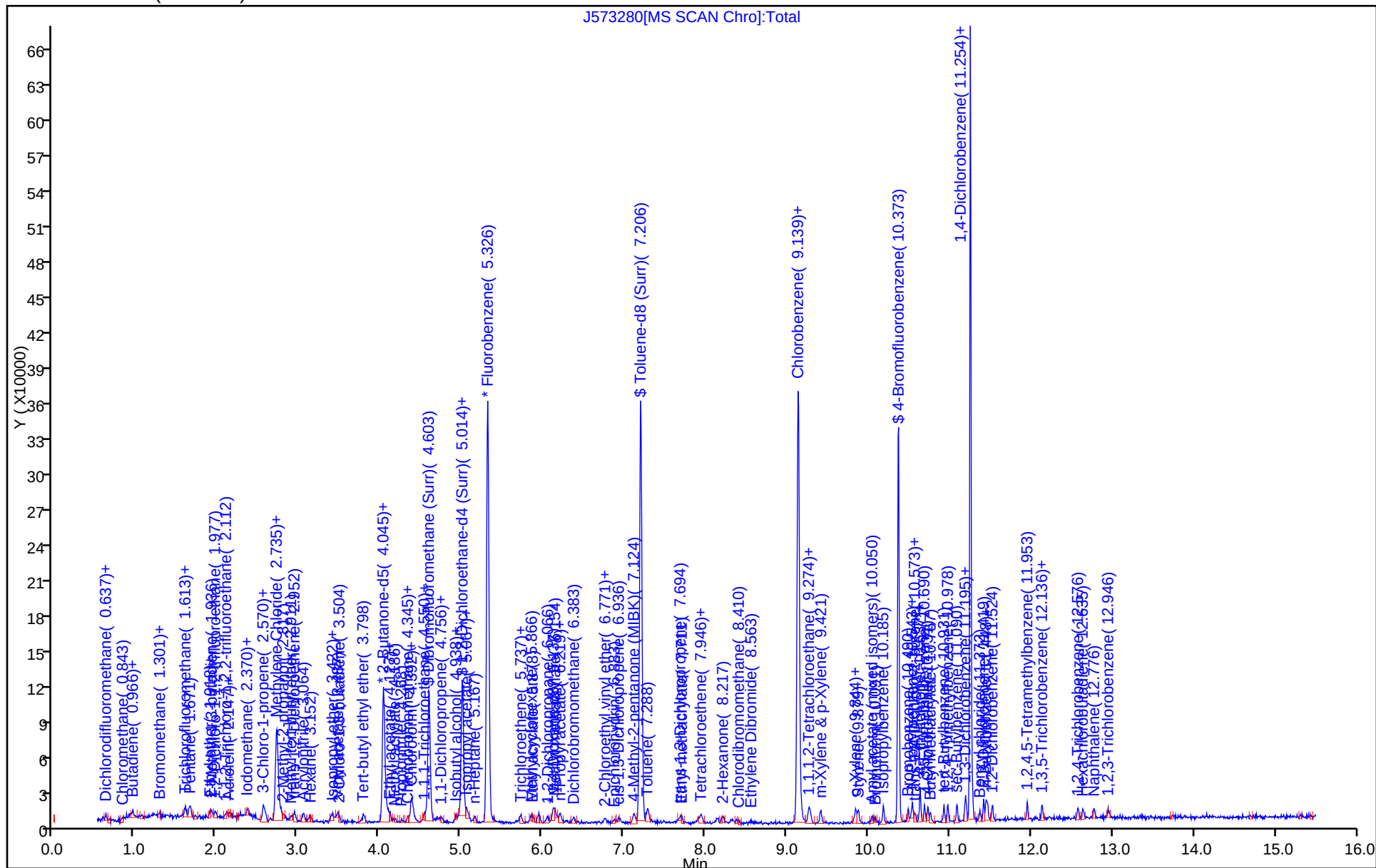
Dil. Factor: 1.0000

ALS Bottle#: 18

Method: 8260_W8

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D

Injection Date: 23-Jun-2017 02:50:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

18

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

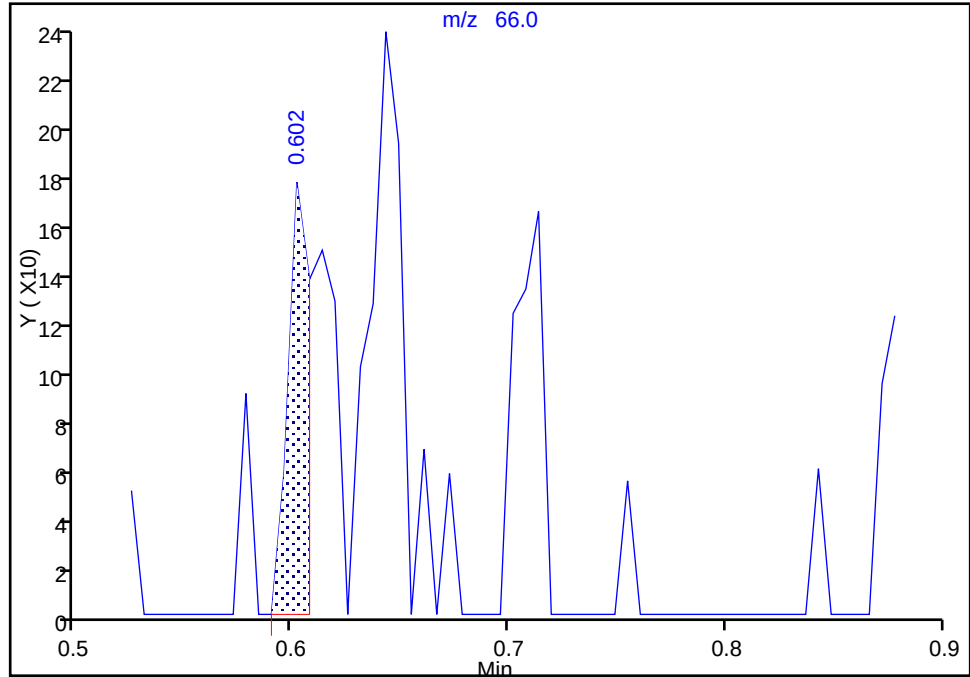
MS SCAN

1 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

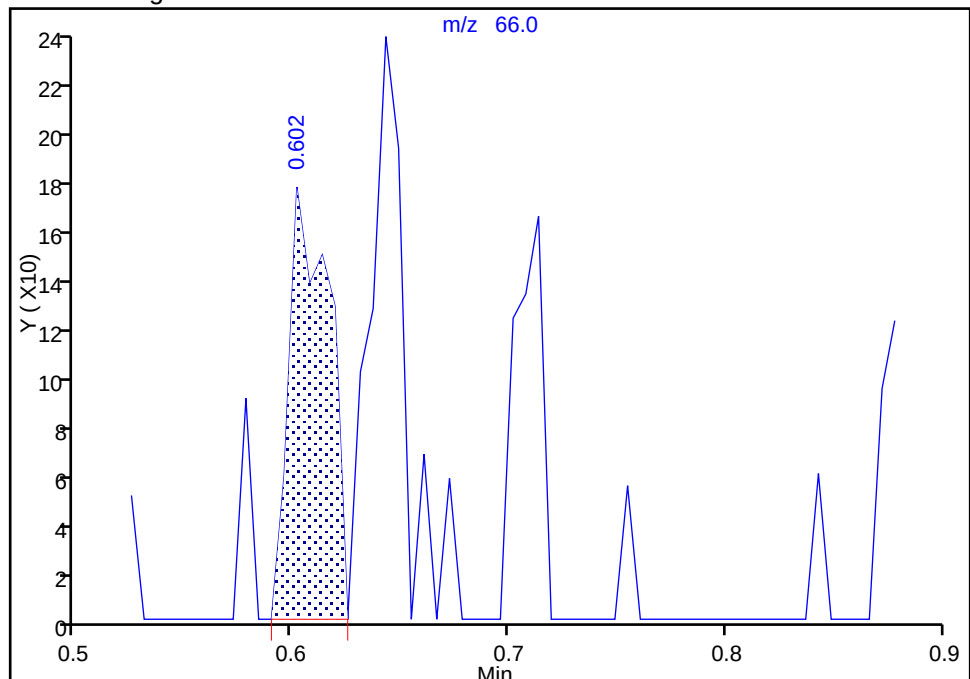
RT: 0.60
Area: 132
Amount: 0.532808
Amount Units: ug/l

Processing Integration Results



RT: 0.60
Area: 231
Amount: 1.015671
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 25-Jun-2017 23:12:23

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D

Injection Date: 23-Jun-2017 02:50:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

18

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

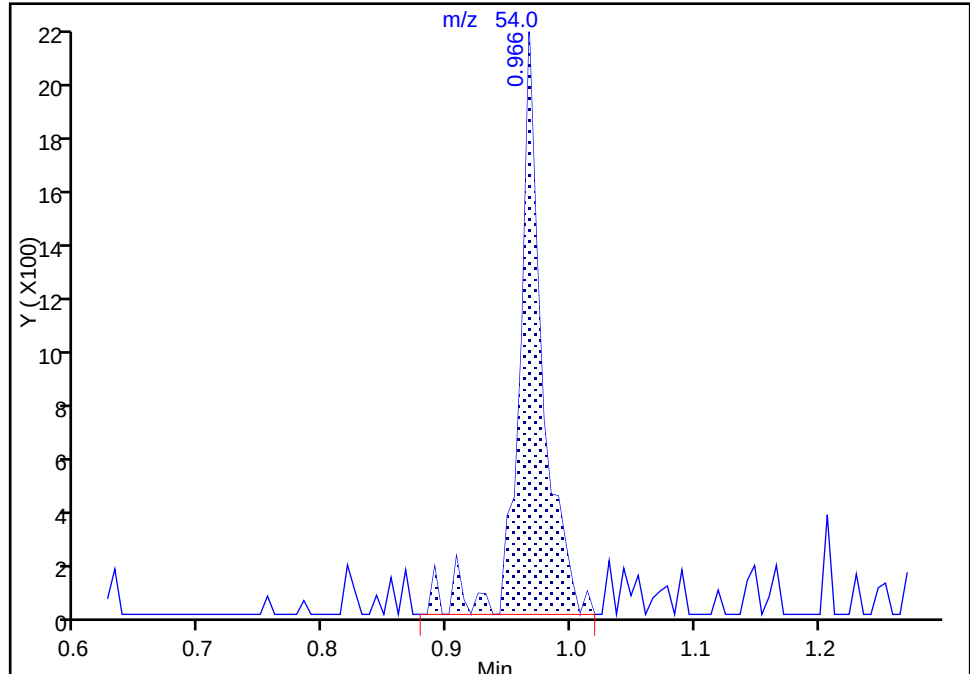
MS SCAN

5 Butadiene, CAS: 106-99-0

Signal: 1

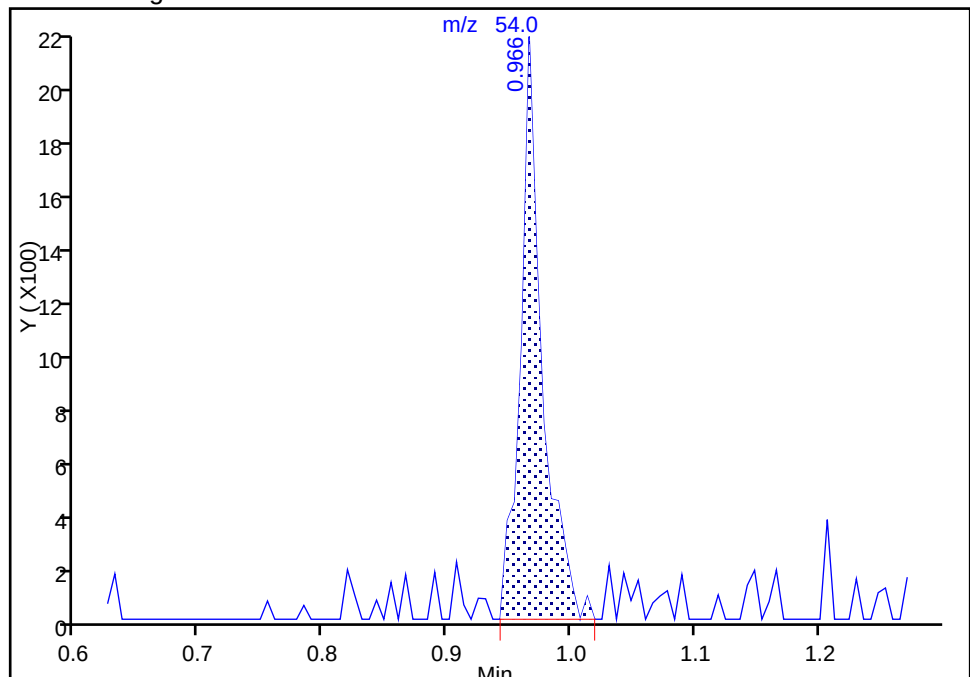
RT: 0.97
Area: 2766
Amount: 1.235555
Amount Units: ug/l

Processing Integration Results



RT: 0.97
Area: 2563
Amount: 1.162444
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 25-Jun-2017 23:12:39

Audit Action: Split an Integrated Peak

Audit Reason: Shouldering

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D

Injection Date: 23-Jun-2017 02:50:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

18

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

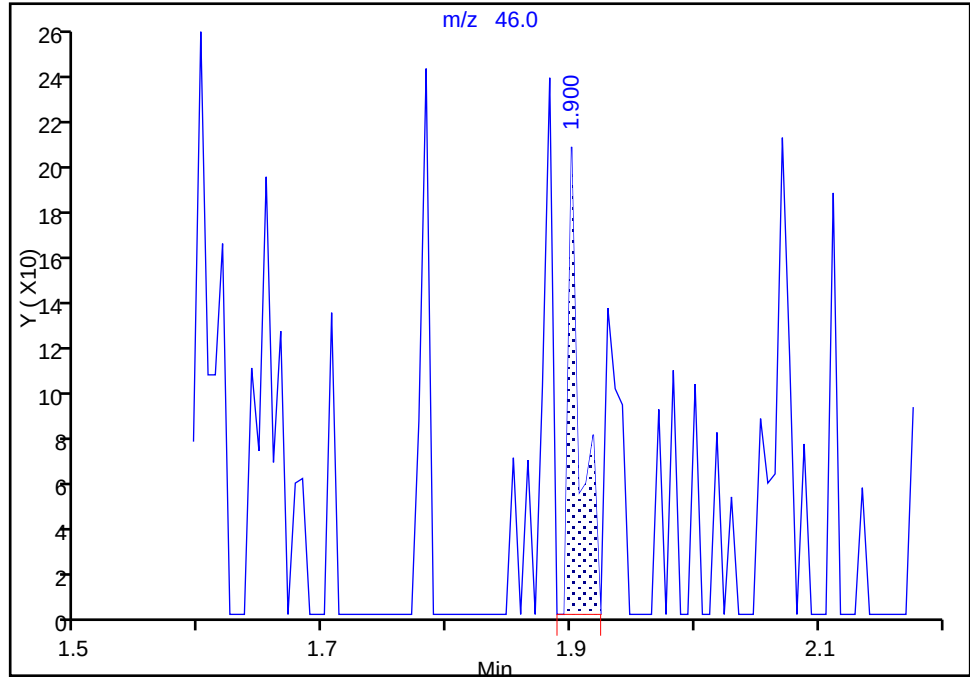
MS SCAN

11 Ethanol, CAS: 64-17-5

Signal: 1

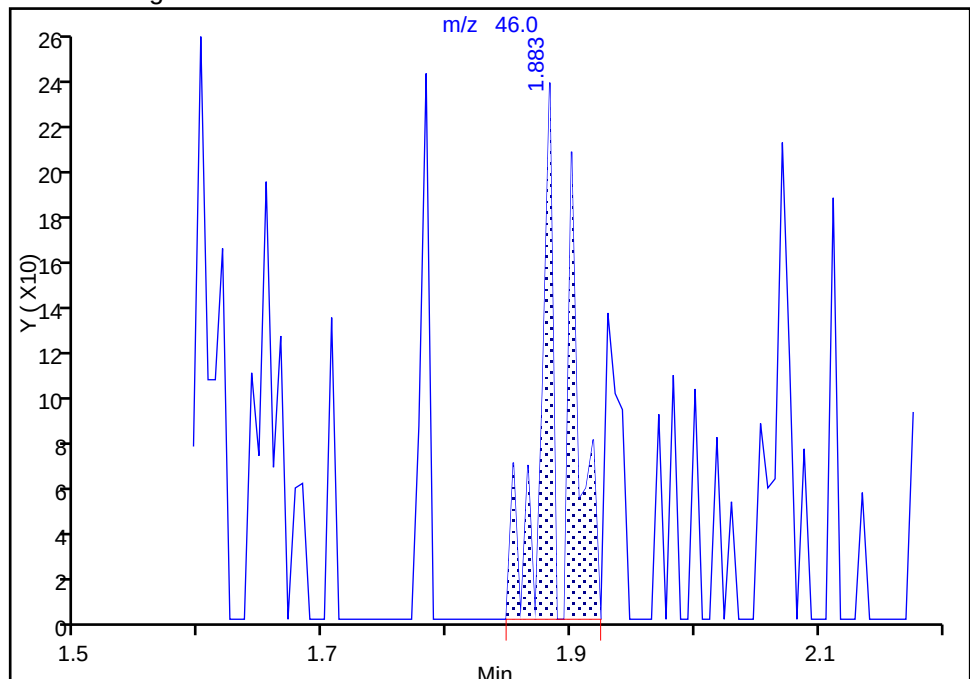
RT: 1.90
Area: 138
Amount: 23.475009
Amount Units: ug/l

Processing Integration Results



RT: 1.88
Area: 302
Amount: 46.053570
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 25-Jun-2017 23:13:14

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS8\\20170622-56810.b\\J573280.D

Injection Date: 23-Jun-2017 02:50:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

18

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

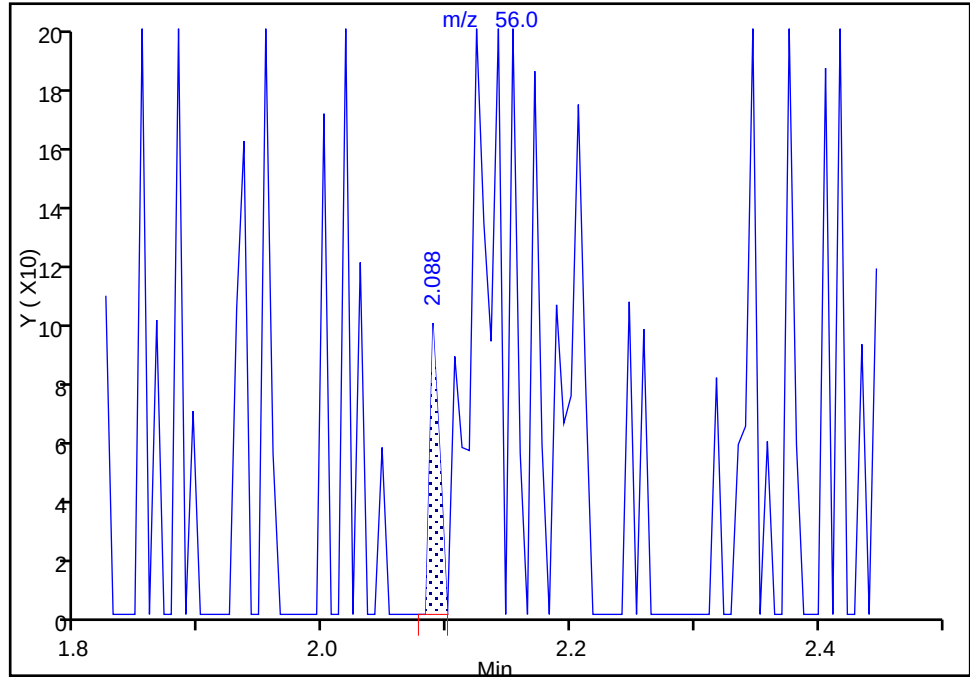
Detector: MS SCAN

16 Acrolein, CAS: 107-02-8

Signal: 1

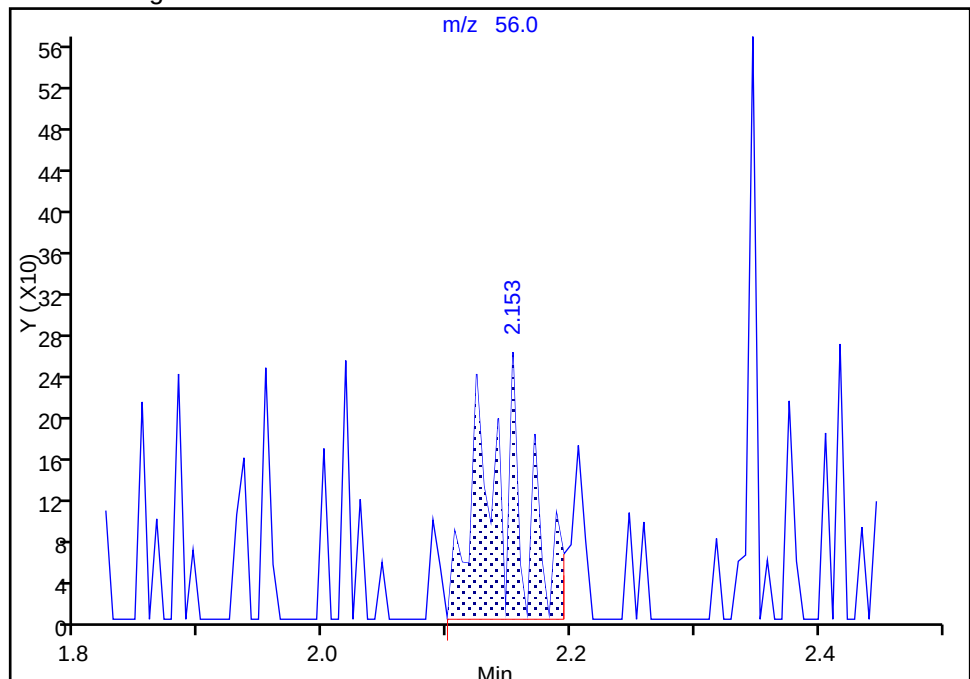
RT: 2.09
Area: 52
Amount: 0.495169
Amount Units: ug/l

Processing Integration Results



RT: 2.15
Area: 548
Amount: 4.492405
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 25-Jun-2017 23:13:29

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS8\\20170622-56810.b\\J573280.D

Injection Date: 23-Jun-2017 02:50:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

18

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

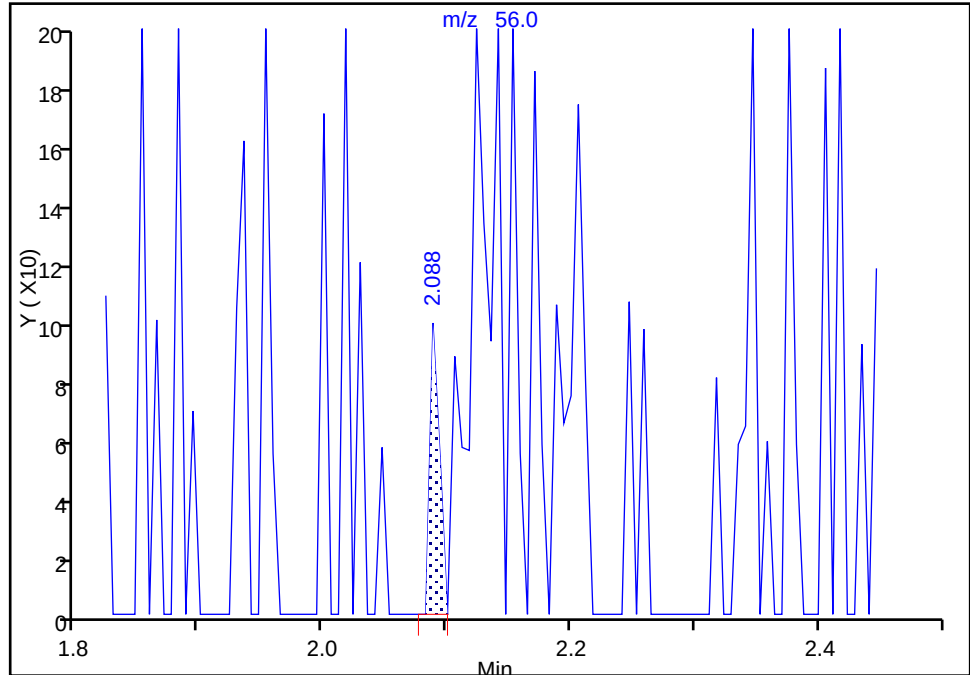
MS SCAN

16 Acrolein, CAS: 107-02-8

Signal: 1

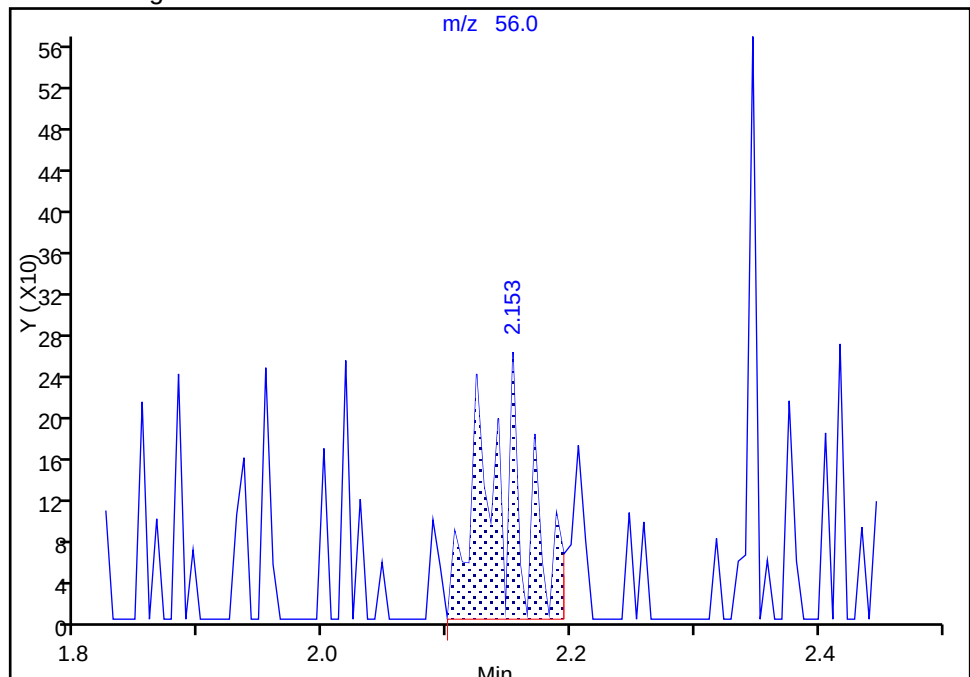
RT: 2.09
Area: 52
Amount: 0.495169
Amount Units: ug/l

Processing Integration Results



RT: 2.15
Area: 548
Amount: 4.492405
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 25-Jun-2017 23:18:34

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D

Injection Date: 23-Jun-2017 02:50:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

18

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

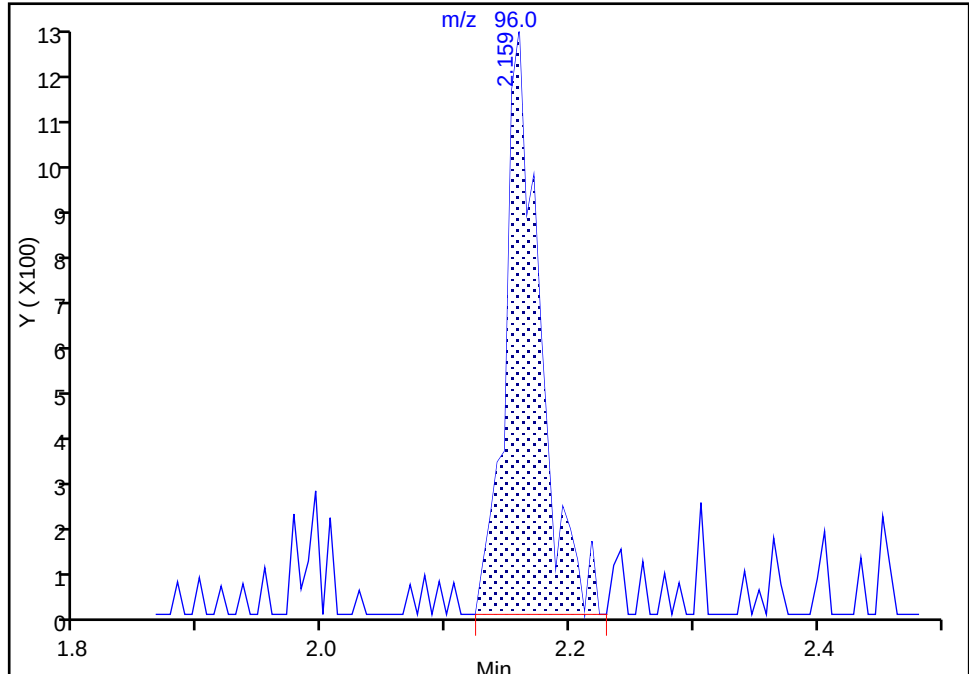
MS SCAN

17 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

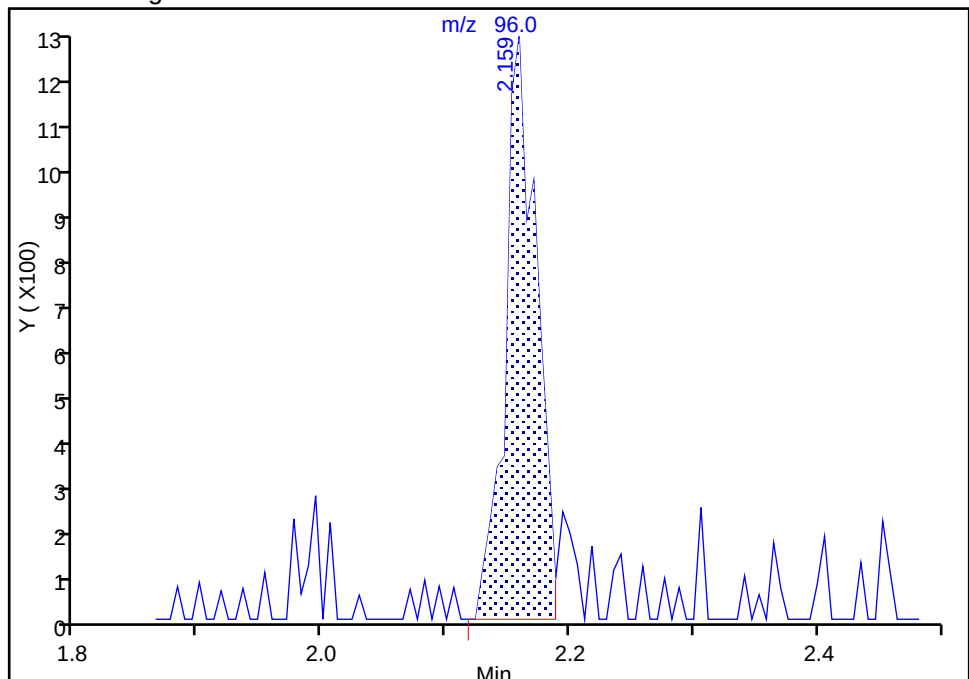
RT: 2.16
Area: 2401
Amount: 1.294583
Amount Units: ug/l

Processing Integration Results



RT: 2.16
Area: 2160
Amount: 1.198796
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 25-Jun-2017 23:18:57

Audit Action: Assigned Compound ID

Audit Reason: Peak Tail

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS8\\20170622-56810.b\\J573280.D

Injection Date: 23-Jun-2017 02:50:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

18

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

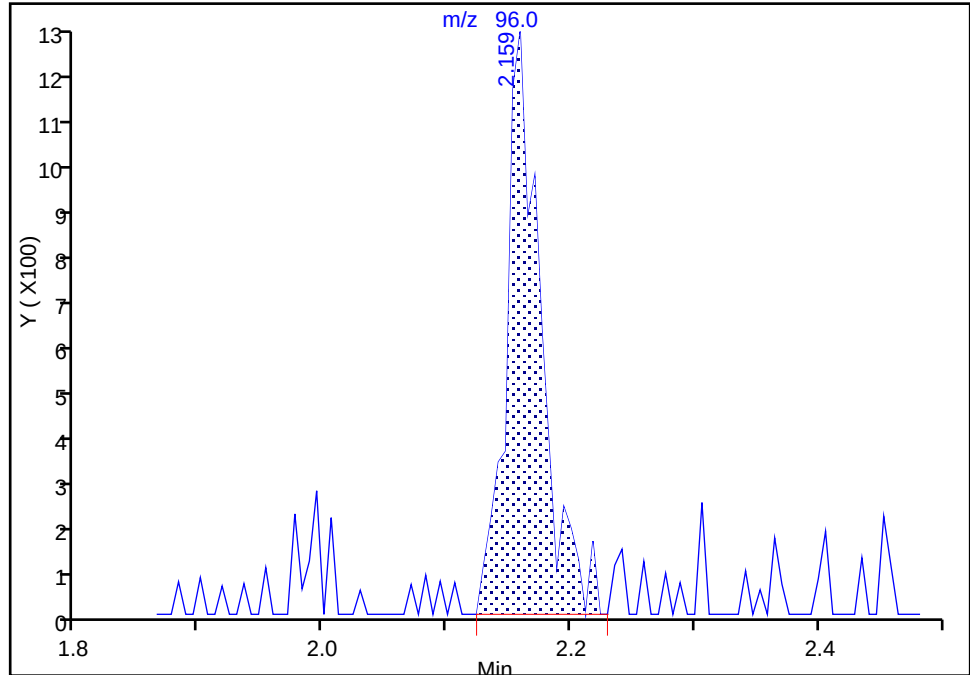
MS SCAN

17 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

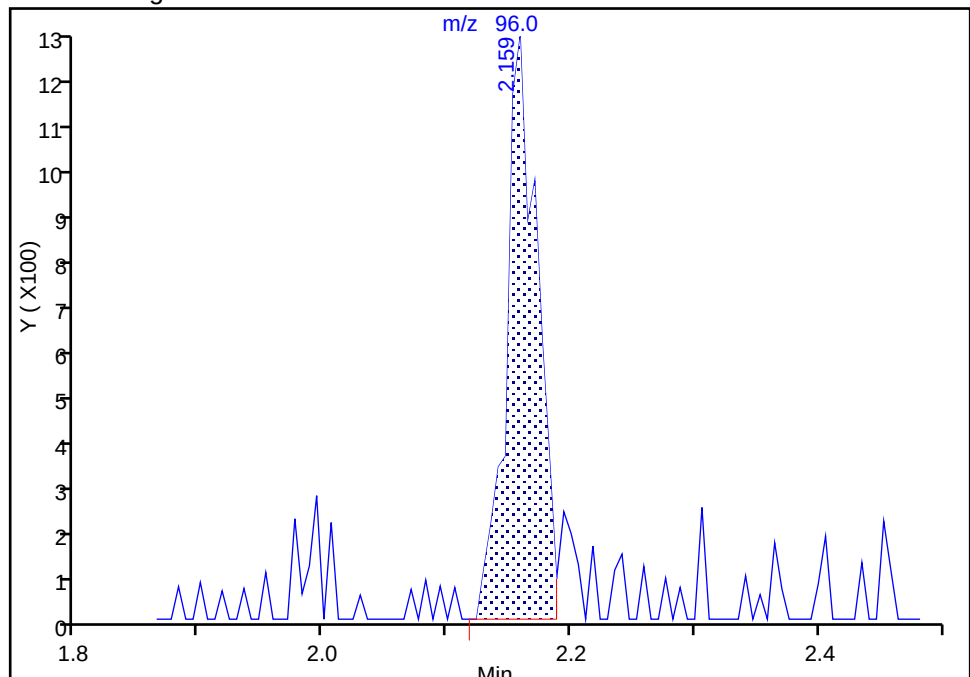
RT: 2.16
Area: 2401
Amount: 1.294583
Amount Units: ug/l

Processing Integration Results



RT: 2.16
Area: 2160
Amount: 1.198796
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 25-Jun-2017 23:19:03

Audit Action: Split an Integrated Peak

Audit Reason: Peak Tail

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS8\\20170622-56810.b\\J573280.D

Injection Date: 23-Jun-2017 02:50:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#: 18 Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

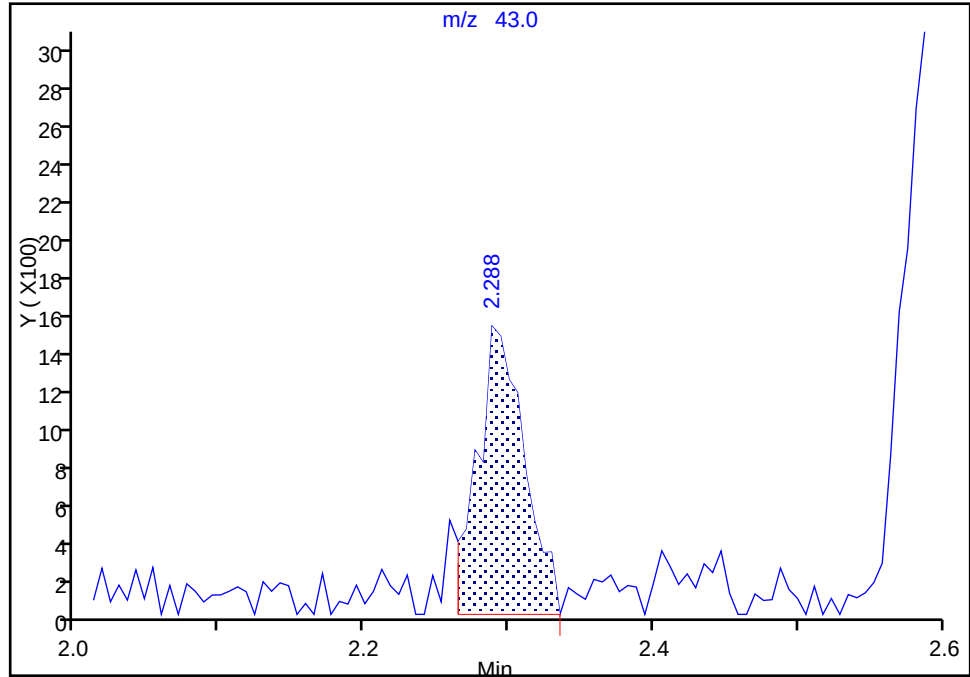
Detector: MS SCAN

18 Acetone, CAS: 67-64-1

Signal: 1

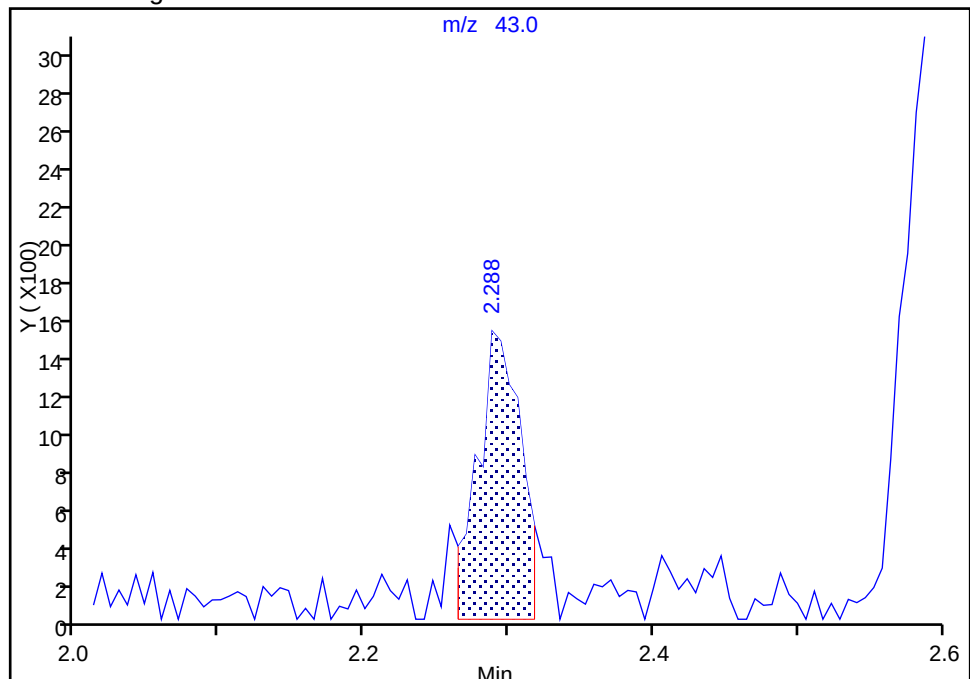
RT: 2.29
Area: 3425
Amount: 5.913988
Amount Units: ug/l

Processing Integration Results



RT: 2.29
Area: 3196
Amount: 6.000094
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 25-Jun-2017 23:19:39

Audit Action: Split an Integrated Peak

Audit Reason: Peak Tail

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D

Injection Date: 23-Jun-2017 02:50:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#: 18 Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

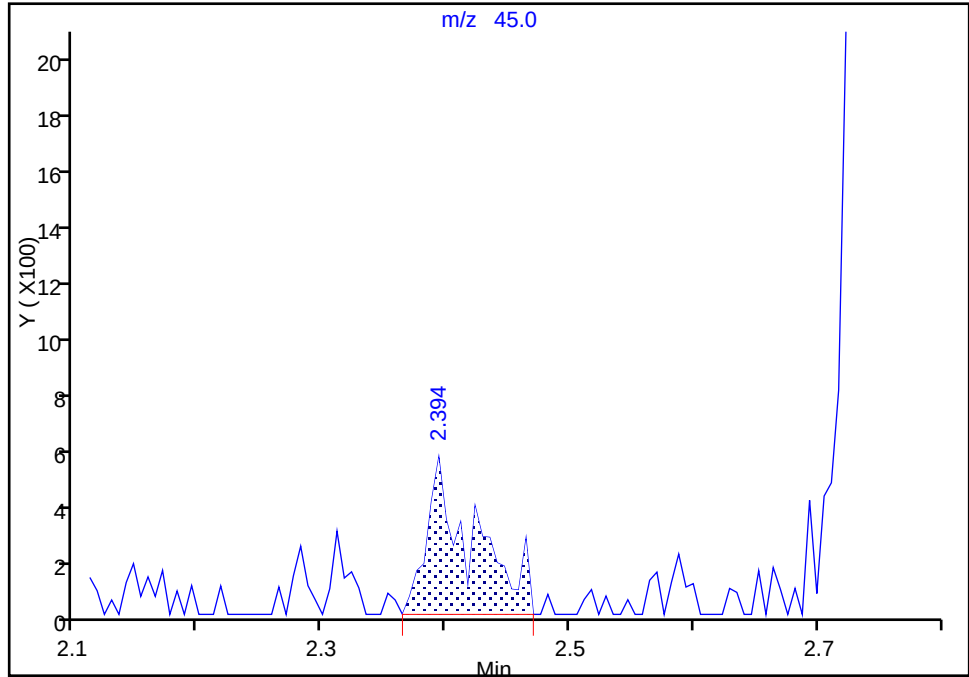
Detector: MS SCAN

21 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

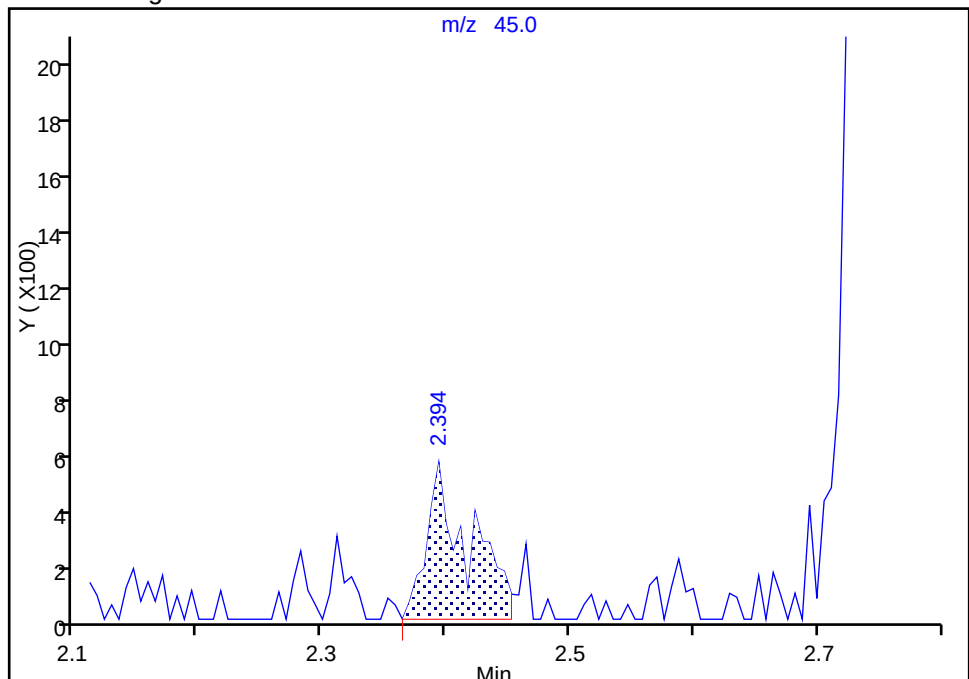
RT: 2.39
Area: 1438
Amount: 19.086359
Amount Units: ug/l

Processing Integration Results



RT: 2.39
Area: 1314
Amount: 17.442433
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 25-Jun-2017 23:19:55

Audit Action: Split an Integrated Peak

Audit Reason: Peak Tail

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D

Injection Date: 23-Jun-2017 02:50:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

18

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

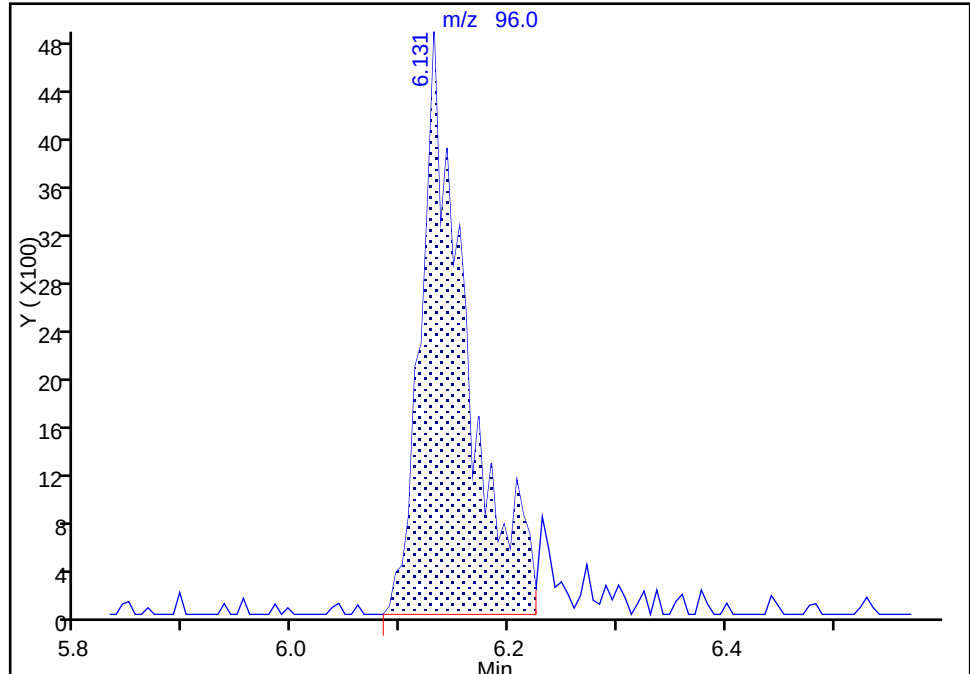
Detector: MS SCAN

* 68 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

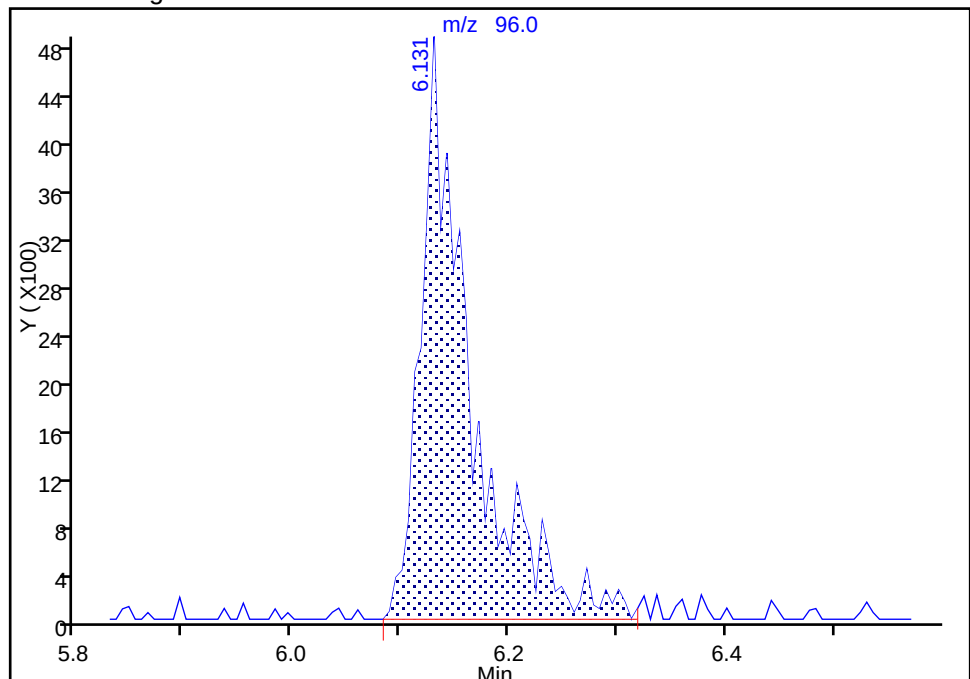
RT: 6.13
Area: 14036
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 6.13
Area: 15349
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 25-Jun-2017 23:15:28

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D

Injection Date: 23-Jun-2017 02:50:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

18

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

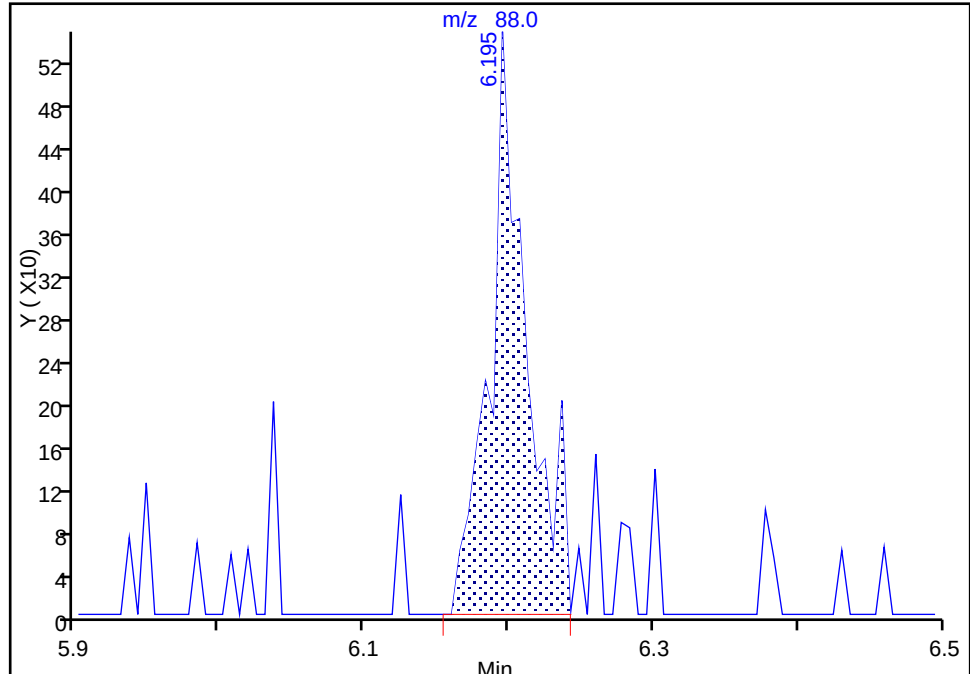
MS SCAN

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

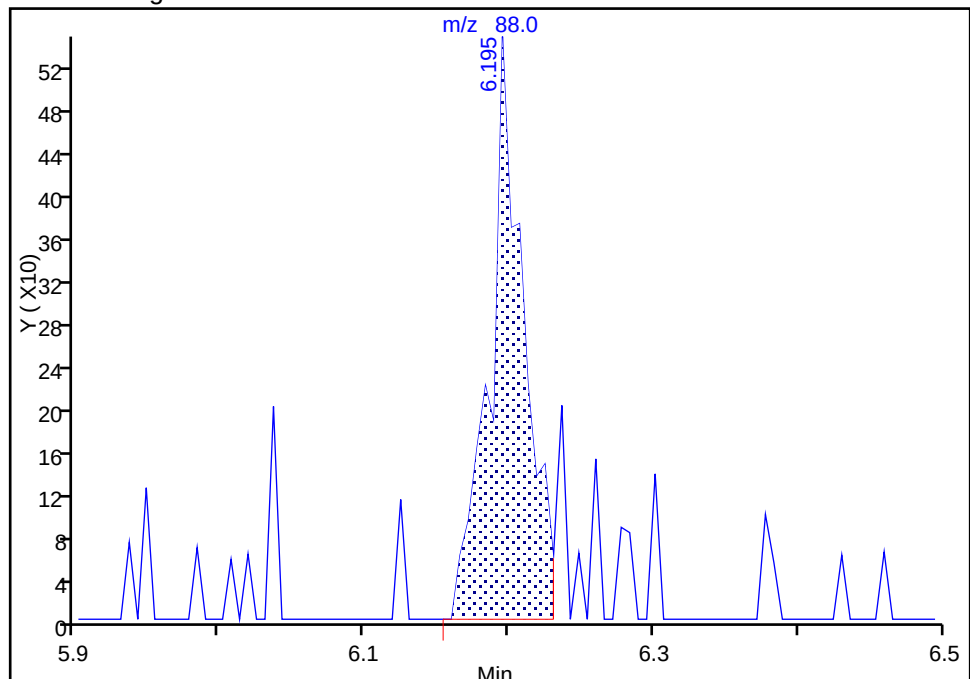
RT: 6.20
Area: 969
Amount: 81.029170
Amount Units: ug/l

Processing Integration Results



RT: 6.20
Area: 899
Amount: 75.174867
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 26-Jun-2017 00:32:53

Audit Action: Split an Integrated Peak

Audit Reason: Peak Tail

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D

Injection Date: 23-Jun-2017 02:50:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

18

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

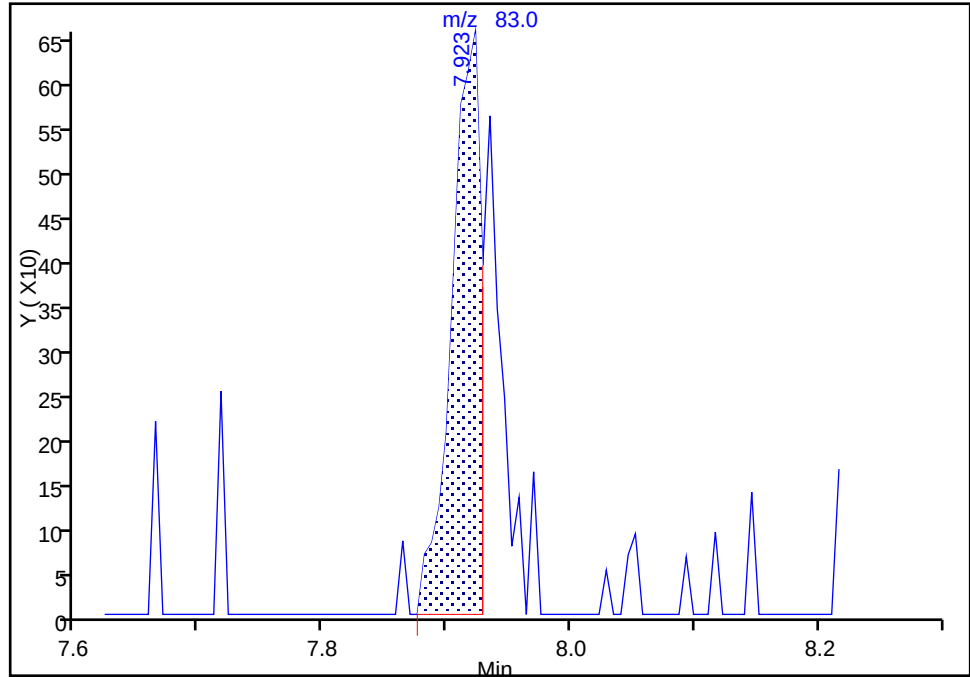
MS SCAN

83 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

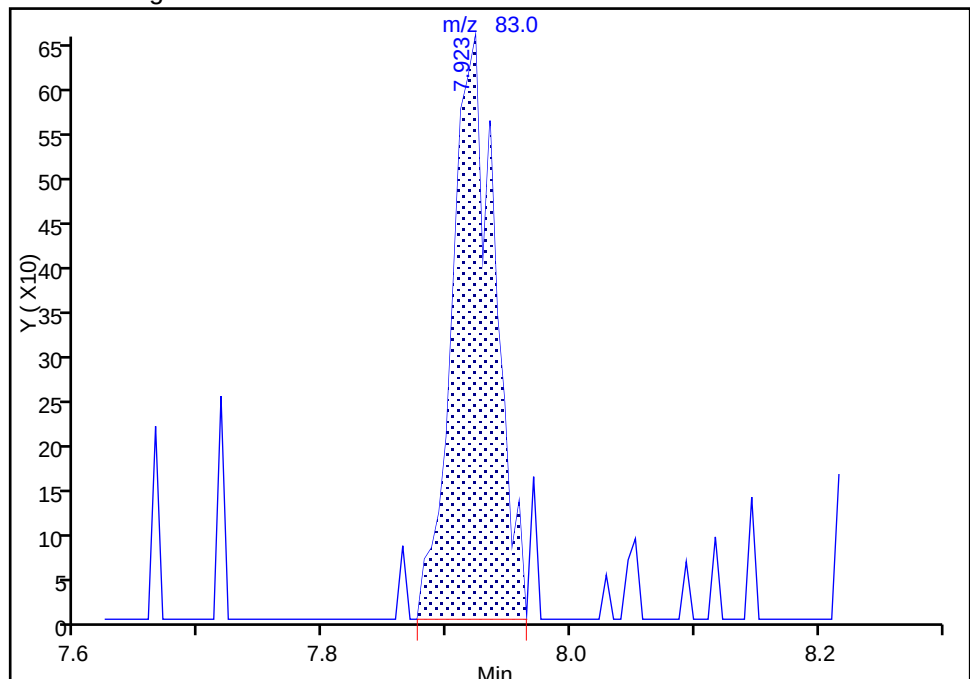
RT: 7.92
Area: 1094
Amount: 0.778946
Amount Units: ug/l

Processing Integration Results



RT: 7.92
Area: 1574
Amount: 1.060317
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 25-Jun-2017 23:14:33

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D

Injection Date: 23-Jun-2017 02:50:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

18

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

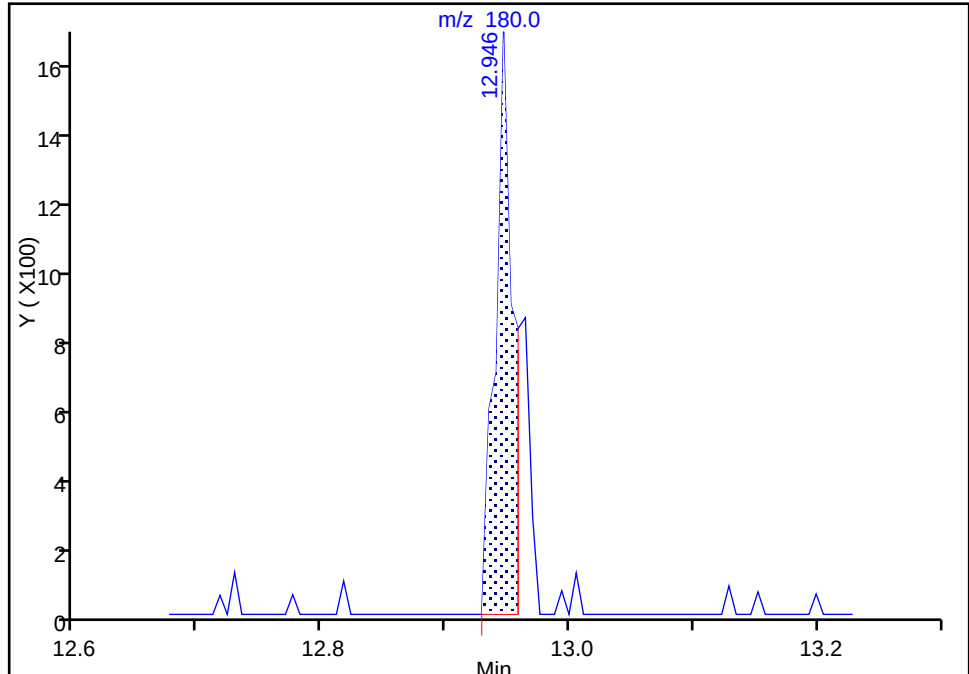
MS SCAN

130 1,2,3-Trichlorobenzene, CAS: 87-61-6

Signal: 1

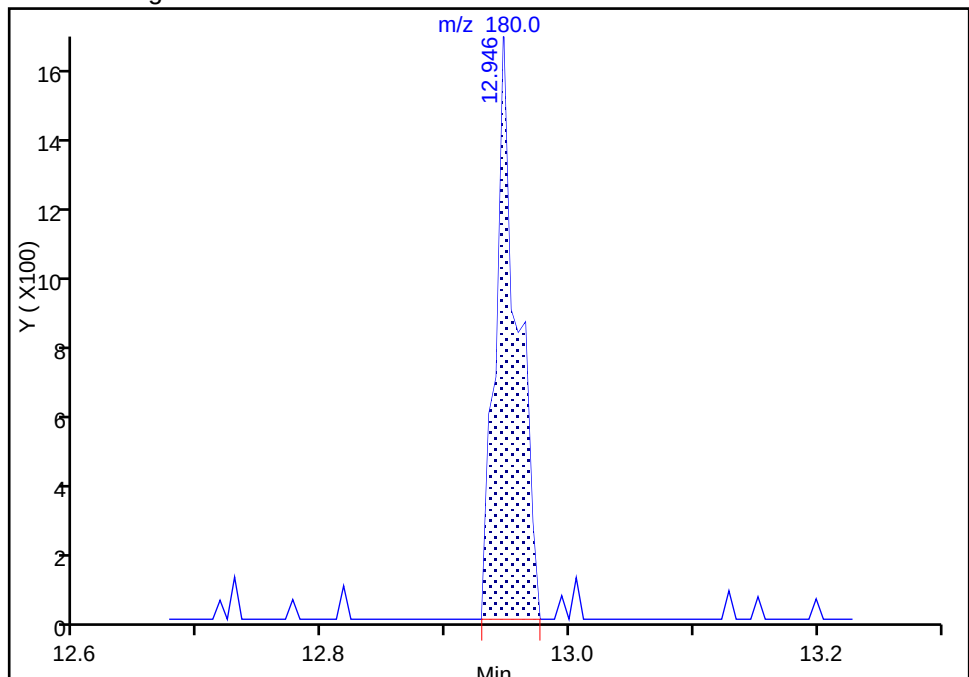
RT: 12.95
Area: 1630
Amount: 1.228798
Amount Units: ug/l

Processing Integration Results



RT: 12.95
Area: 2026
Amount: 1.000348
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 25-Jun-2017 23:15:14

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-135385-1

SDG No.: _____

Lab Sample ID: CCVIS 460-445791/2 Calibration Date: 06/26/2017 08:56

Instrument ID: CVOAMS13 Calib Start Date: 04/14/2017 01:41

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 04/14/2017 08:47

Lab File ID: P30002.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	0.1208	0.0548		9.08	20.0	-54.6*	20.0
Dichlorodifluoromethane	Ave	0.3214	0.2349	0.1000	14.6	20.0	-26.9*	20.0
Vinyl chloride	Ave	0.3075	0.3108	0.1000	20.2	20.0	1.1	20.0
Butadiene	Ave	0.2455	0.2376		19.4	20.0	-3.2	20.0
Chloromethane	Ave	0.3802	0.3959	0.1000	20.8	20.0	4.1	20.0
Bromomethane	Ave	1.395	1.168	0.1000	16.7	20.0	-16.3	50.0
Chloroethane	Ave	8.536	7.011	0.1000	16.4	20.0	-17.9	50.0
Pentane	Ave	2.269	1.520		26.8	40.0	-33.0*	20.0
Trichlorofluoromethane	Ave	0.3509	0.2713	0.1000	15.5	20.0	-22.7*	20.0
Dichlorofluoromethane	Ave	0.4182	0.3843		18.4	20.0	-8.1	20.0
2-Methyl-1,3-butadiene	Ave	0.2636	0.2700		20.5	20.0	2.4	20.0
Ethyl ether	Ave	0.2162	0.1890		17.5	20.0	-12.6	20.0
Ethanol	QuaF		0.0705		970	800	21.3	50.0
1,1-Dichloroethene	Ave	0.2270	0.1889	0.1000	16.6	20.0	-16.8	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2674	0.2472		18.5	20.0	-7.6	20.0
Carbon disulfide	Ave	0.8495	0.6497	0.1000	15.3	20.0	-23.5	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2040	0.1683	0.1000	16.5	20.0	-17.5	20.0
Iodomethane	QuaF		0.1504		9.37	20.0	-53.2*	20.0
Cyclopentene	Ave	0.5810	0.5065		17.4	20.0	-12.8	20.0
Acrolein	Ave	0.0306	0.0270		35.3	40.0	-11.7	50.0
Allyl chloride	Ave	0.1451	0.1221		16.8	20.0	-15.8	20.0
Isopropyl alcohol	Lin2		0.6970		218	200	9.1	50.0
Methylene Chloride	Ave	0.2790	0.2558	0.1000	18.3	20.0	-8.3	20.0
Acetone	QuaF		0.5264	0.0500	67.1	100	-32.9	50.0
trans-1,2-Dichloroethene	Ave	0.2557	0.2283	0.1000	17.9	20.0	-10.7	20.0
Methyl acetate	Ave	0.1510	0.1426	0.1000	94.4	100	-5.6	20.0
Hexane	Ave	0.4289	0.3580		16.7	20.0	-16.5	20.0
Methyl tert-butyl ether	Ave	0.7336	0.6083	0.1000	16.6	20.0	-17.1	20.0
2-Methyl-2-propanol	Lin2		1.130		200	200	0.2	50.0
Acetonitrile	Ave	1.243	1.711		275	200	37.6*	20.0
Isopropyl ether	Ave	0.7089	0.7573		21.4	20.0	6.8	20.0
2-Chloro-1,3-butadiene	Ave	0.2121	0.2182		20.6	20.0	2.8	20.0
1,1-Dichloroethane	Ave	0.4219	0.4239	0.2000	20.1	20.0	0.5	20.0
Acrylonitrile	Ave	0.0839	0.0874		208	200	4.2	20.0
Tert-butyl ethyl ether	Ave	0.7444	0.6891		18.5	20.0	-7.4	20.0
Vinyl acetate	Ave	0.5009	0.4570		36.5	40.0	-8.8	20.0
cis-1,2-Dichloroethene	Ave	0.2901	0.2809	0.1000	19.4	20.0	-3.2	20.0
2,2-Dichloropropane	Ave	0.3732	0.2984		16.0	20.0	-20.0	20.0
Chlorobromomethane	Ave	0.1427	0.1382		19.4	20.0	-3.2	20.0
Cyclohexane	Ave	0.3357	0.3422	0.1000	20.4	20.0	1.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-135385-1

SDG No.: _____

Lab Sample ID: CCVIS 460-445791/2 Calibration Date: 06/26/2017 08:56

Instrument ID: CVOAMS13 Calib Start Date: 04/14/2017 01:41

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 04/14/2017 08:47

Lab File ID: P30002.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
Chloroform	Ave	0.4186	0.3937	0.2000	18.8	20.0	-6.0	20.0
Carbon tetrachloride	Ave	0.3022	0.2521	0.1000	16.7	20.0	-16.6	20.0
Ethyl acetate	QuaF		0.2954		37.1	40.0	-7.4	20.0
Methyl acrylate	Ave	0.1975	0.1970		19.9	20.0	-0.3	20.0
Tetrahydrofuran	Ave	0.9556	0.9071		38.0	40.0	-5.1	20.0
1,1,1-Trichloroethane	Ave	0.3680	0.3136	0.1000	17.0	20.0	-14.8	20.0
2-Butanone (MEK)	Ave	0.3915	0.3352	0.0500	85.6	100	-14.4	50.0
1,1-Dichloropropene	Ave	0.3438	0.3188		18.5	20.0	-7.3	20.0
2,2,4-Trimethylpentane	Ave	0.5135	0.4631		18.0	20.0	-9.8	20.0
n-Heptane	Ave	0.1246	0.1119		18.0	20.0	-10.2	20.0
Benzene	Ave	1.302	1.339	0.5000	20.6	20.0	2.8	20.0
Propionitrile	Ave	1.511	2.030		269	200	34.4*	20.0
Methacrylonitrile	Ave	0.0972	0.1038		214	200	6.8	20.0
Tert-amyl methyl ether	Ave	0.7090	0.6431		18.1	20.0	-9.3	20.0
1,2-Dichloroethane	Ave	0.3266	0.2877	0.1000	17.6	20.0	-11.9	20.0
Isobutyl alcohol	Ave	0.4168	0.4232		508	500	1.5	50.0
Isopropyl acetate	Ave	0.4001	0.3520		17.6	20.0	-12.0	20.0
Methylcyclohexane	Ave	0.3296	0.3204	0.1000	19.4	20.0	-2.8	50.0
Trichloroethene	Ave	0.2809	0.2782	0.2000	19.8	20.0	-0.9	20.0
Dibromomethane	Ave	0.1639	0.1501		18.3	20.0	-8.4	20.0
n-Butanol	Ave	0.2666	0.2689		504	500	0.9	50.0
1,2-Dichloropropane	Ave	0.2510	0.2603	0.1000	20.7	20.0	3.7	20.0
Ethyl acrylate	Ave	0.2796	0.2543		18.2	20.0	-9.0	20.0
Bromodichloromethane	Ave	0.3197	0.2798	0.2000	17.5	20.0	-12.5	20.0
Methyl methacrylate	Ave	0.0712	0.0634		35.6	40.0	-11.0	20.0
1,4-Dioxane	Ave	1.150	1.125		391	400	-2.2	50.0
n-Propyl acetate	Ave	0.2958	0.2733		18.5	20.0	-7.6	20.0
2-Chloroethyl vinyl ether	Qua2		0.0739		19.2	20.0	-4.2	20.0
cis-1,3-Dichloropropene	Ave	0.5300	0.4861	0.2000	18.3	20.0	-8.3	50.0
Toluene	Ave	1.495	1.441	0.4000	19.3	20.0	-3.7	20.0
Epichlorohydrin	Ave	0.2585	0.2506		388	400	-3.0	20.0
2-Nitropropane	Ave	0.0554	0.0363		26.2	40.0	-34.5*	20.0
Tetrachloroethene	Ave	0.3821	0.3666	0.2000	19.2	20.0	-4.1	20.0
4-Methyl-2-pentanone (MIBK)	Ave	2.352	2.215	0.0500	94.2	100	-5.8	50.0
trans-1,3-Dichloropropene	Ave	0.4851	0.4237	0.1000	17.5	20.0	-12.7	50.0
1,1,2-Trichloroethane	Ave	0.2475	0.2498	0.1000	20.2	20.0	0.9	20.0
Ethyl methacrylate	Ave	0.3271	0.2852		17.4	20.0	-12.8	20.0
Dibromochloromethane	Ave	0.3421	0.2952	0.1000	17.3	20.0	-13.7	50.0
1,3-Dichloropropane	Ave	0.5049	0.5143		20.4	20.0	1.9	20.0
1,2-Dibromoethane	Ave	0.3160	0.2889	0.1000	18.3	20.0	-8.6	20.0
n-Butyl acetate	Ave	0.4039	0.3504		17.3	20.0	-13.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-135385-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-445791/2 Calibration Date: 06/26/2017 08:56
 Instrument ID: CVOAMS13 Calib Start Date: 04/14/2017 01:41
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 04/14/2017 08:47
 Lab File ID: P30002.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
2-Hexanone	Ave	1.554	1.430	0.0500	92.0	100	-8.0	50.0
Chlorobenzene	Ave	0.9659	0.9628	0.5000	19.9	20.0	-0.3	20.0
Ethylbenzene	Ave	0.5097	0.5084	0.1000	19.9	20.0	-0.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3359	0.2893		17.2	20.0	-13.9	20.0
m&p-Xylene	Ave	0.6295	0.6060	0.1000	19.3	20.0	-3.7	20.0
o-Xylene	Ave	0.6044	0.5846	0.3000	19.3	20.0	-3.3	20.0
Bromoform	Ave	0.2374	0.1839	0.1000	15.5	20.0	-22.5*	20.0
Styrene	Ave	1.015	0.9559	0.3000	18.8	20.0	-5.8	20.0
n-Butyl acrylate	Ave	0.2248	0.1806		16.1	20.0	-19.7	20.0
Isopropylbenzene	Ave	1.485	1.502	0.1000	20.2	20.0	1.1	20.0
Amyl acetate (mixed isomers)	Ave	0.8112	0.6580		16.2	20.0	-18.9	20.0
Bromobenzene	Ave	0.7833	0.7296		18.6	20.0	-6.9	20.0
N-Propylbenzene	Ave	2.911	2.908		20.0	20.0	-0.1	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6804	0.6247	0.3000	18.4	20.0	-8.2	20.0
2-Chlorotoluene	Ave	2.164	2.038		18.8	20.0	-5.8	20.0
4-Ethyltoluene	Ave	2.658	2.542		19.1	20.0	-4.4	20.0
1,2,3-Trichloropropane	Ave	0.2210	0.1861		16.8	20.0	-15.8	20.0
1,3,5-Trimethylbenzene	Ave	2.191	2.067		18.9	20.0	-5.6	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1724	0.1407		16.3	20.0	-18.4	20.0
4-Chlorotoluene	Ave	2.011	1.888		18.8	20.0	-6.1	20.0
tert-Butylbenzene	Ave	1.773	1.706		19.2	20.0	-3.8	20.0
1,2,4-Trimethylbenzene	Ave	2.298	2.154		18.7	20.0	-6.3	20.0
Butyl Methacrylate	Ave	0.7491	0.5752		15.4	20.0	-23.2*	20.0
sec-Butylbenzene	Ave	2.511	2.527		20.1	20.0	0.6	20.0
1,3-Dichlorobenzene	Ave	1.378	1.344	0.6000	19.5	20.0	-2.5	20.0
4-Isopropyltoluene	Ave	2.229	2.170		19.5	20.0	-2.7	20.0
1,4-Dichlorobenzene	Ave	1.480	1.397	0.5000	18.9	20.0	-5.6	20.0
1,2,3-Trimethylbenzene	Ave	2.430	2.244		18.5	20.0	-7.6	20.0
Indan	Ave	2.434	2.299		18.9	20.0	-5.5	20.0
Benzyl chloride	Ave	1.603	1.140		14.2	20.0	-28.9	50.0
p-Diethylbenzene	Ave	1.298	1.226		18.9	20.0	-5.5	20.0
n-Butylbenzene	Ave	1.863	1.882		20.2	20.0	1.0	20.0
1,2-Dichlorobenzene	Ave	1.345	1.301	0.4000	19.3	20.0	-3.3	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.225	1.977		17.8	20.0	-11.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1403	0.1068	0.0500	15.2	20.0	-23.9	50.0
1,3,5-Trichlorobenzene	Ave	0.9658	0.9159		19.0	20.0	-5.2	20.0
1,2,4-Trichlorobenzene	Ave	0.8854	0.8209	0.2000	18.5	20.0	-7.3	20.0
Hexachlorobutadiene	Ave	0.3369	0.3042		18.1	20.0	-9.7	20.0
Naphthalene	Ave	2.161	1.703		15.8	20.0	-21.2	50.0
1,2,3-Trichlorobenzene	Ave	0.8082	0.7034		17.4	20.0	-13.0	20.0
Dibromofluoromethane (Surr)	Ave	0.1805	0.1750		48.5	50.0	-3.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-135385-1
SDG No.: _____
Lab Sample ID: CCVIS 460-445791/2 Calibration Date: 06/26/2017 08:56
Instrument ID: CVOAMS13 Calib Start Date: 04/14/2017 01:41
GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 04/14/2017 08:47
Lab File ID: P30002.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
1,2-Dichloroethane-d4 (Surr)	Ave	0.2025	0.1821		45.0	50.0	-10.0	20.0
Toluene-d8 (Surr)	Ave	0.9948	0.9625		48.4	50.0	-3.2	20.0
4-Bromofluorobenzene	Ave	0.3510	0.3297		47.0	50.0	-6.1	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56954.b\P30002.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 26-Jun-2017 08:56:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0056954-002
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub51
 Method: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56954.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Jun-2017 14:12:22 Calib Date: 14-Apr-2017 08:47:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: desais

Date: 26-Jun-2017 08:38:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.871	0.871	0.000	87	18934	20.0	9.08	
2 Dichlorodifluoromethane	85	0.885	0.885	0.000	99	81098	20.0	14.6	
5 Vinyl chloride	62	1.021	1.021	0.000	98	107317	20.0	20.2	
4 Chloromethane	50	1.028	1.028	0.000	69	136713	20.0	20.8	
3 Butadiene	54	1.028	1.028	0.000	94	82027	20.0	19.4	
6 Bromomethane	94	1.186	1.186	0.000	98	35715	20.0	16.7	
7 Chloroethane	64	1.243	1.243	0.000	99	39576	20.0	16.4	
9 Pentane	72	1.315	1.315	0.000	95	17164	40.0	26.8	
8 Trichlorofluoromethane	101	1.315	1.315	0.000	81	93691	20.0	15.5	
10 Dichlorofluoromethane	67	1.350	1.350	0.000	98	132692	20.0	18.4	
11 2-Methyl-1,3-butadiene	67	1.472	1.472	0.000	94	93228	20.0	20.5	
12 Ethyl ether	59	1.479	1.479	0.000	95	65261	20.0	17.5	
13 Ethanol	46	1.573	1.573	0.000	61	15906	800.0	970.5	
15 1,2-Dichloro-1,1,2-trifluo	67	1.580	1.580	0.000	86	85354	20.0	18.5	
14 1,1-Dichloroethene	96	1.580	1.580	0.000	96	65238	20.0	16.6	
16 Carbon disulfide	76	1.601	1.601	0.000	99	224349	20.0	15.3	
17 1,1,2-Trichloro-1,2,2-trif	101	1.608	1.608	0.000	91	58110	20.0	16.5	
18 Iodomethane	142	1.658	1.658	0.000	96	51929	20.0	9.37	
19 Cyclopentene	67	1.744	1.744	0.000	95	174897	20.0	17.4	
20 Acrolein	56	1.766	1.766	0.000	94	18658	40.0	35.3	
21 3-Chloro-1-propene	76	1.845	1.845	0.000	95	42170	20.0	16.8	
22 Isopropyl alcohol	45	1.873	1.873	0.000	97	39341	200.0	218.1	
23 Methylene Chloride	84	1.909	1.909	0.000	90	88339	20.0	18.3	
24 Acetone	43	1.931	1.931	0.000	89	80470	100.0	67.1	
25 trans-1,2-Dichloroethene	96	1.995	1.995	0.000	92	78826	20.0	17.9	
26 Methyl acetate	43	2.009	2.009	0.000	99	246214	100.0	94.4	
27 Hexane	57	2.052	2.052	0.000	86	123603	20.0	16.7	
28 Methyl tert-butyl ether	73	2.067	2.067	0.000	94	210043	20.0	16.6	
* 29 TBA-d9 (IS)	65	2.088	2.088	0.000	99	282225	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.138	2.138	0.000	100	63778	200.0	200.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.217	2.217	0.000	100	96603	200.0	275.3	
32 Isopropyl ether	45	2.303	2.303	0.000	97	261497	20.0	21.4	
33 2-Chloro-1,3-butadiene	88	2.360	2.360	0.000	89	75329	20.0	20.6	
34 1,1-Dichloroethane	63	2.375	2.375	0.000	100	146376	20.0	20.1	
35 Acrylonitrile	53	2.403	2.403	0.000	95	301745	200.0	208.4	
36 Tert-butyl ethyl ether	59	2.540	2.540	0.000	90	237947	20.0	18.5	
37 Vinyl acetate	43	2.547	2.547	0.000	100	315594	40.0	36.5	
38 cis-1,2-Dichloroethene	96	2.733	2.733	0.000	100	97009	20.0	19.4	
39 2,2-Dichloropropane	77	2.805	2.805	0.000	97	103027	20.0	16.0	
40 Cyclohexane	56	2.869	2.869	0.000	87	118151	20.0	20.4	
41 Chlorobromomethane	128	2.869	2.869	0.000	90	47712	20.0	19.4	
42 Chloroform	83	2.933	2.933	0.000	99	135936	20.0	18.8	
43 Carbon tetrachloride	117	3.027	3.027	0.000	96	87048	20.0	16.7	
44 Ethyl acetate	70	3.034	3.034	0.000	100	18065	40.0	37.1	
45 Methyl acrylate	55	3.034	3.034	0.000	97	68034	20.0	19.9	
46 Tetrahydrofuran	42	3.048	3.048	0.000	93	55470	40.0	38.0	
\$ 47 Dibromofluoromethane (Surr	113	3.062	3.062	0.000	98	151041	50.0	48.5	
48 1,1,1-Trichloroethane	97	3.077	3.077	0.000	97	108291	20.0	17.0	
* 49 2-Butanone-d5	46	3.127	3.127	0.000	98	382196	250.0	250.0	
50 2-Butanone (MEK)	72	3.163	3.163	0.000	99	51238	100.0	85.6	
51 1,1-Dichloropropene	75	3.170	3.170	0.000	99	110070	20.0	18.5	
52 Isooctane	57	3.263	3.263	0.000	98	159902	20.0	18.0	
53 n-Heptane	57	3.356	3.356	0.000	90	38623	20.0	18.0	
60 Isobutyl alcohol	43	3.600	3.600	0.000	94	59725	500.0	507.7	
54 Benzene	78	3.363	3.363	0.000	95	358579	20.0	20.6	
55 Propionitrile	54	3.385	3.385	0.000	98	114571	200.0	268.7	
56 Methacrylonitrile	67	3.406	3.406	0.000	89	358407	200.0	213.6	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.471	3.471	0.000	95	157220	50.0	45.0	
58 Tert-amyl methyl ether	73	3.478	3.478	0.000	99	222052	20.0	18.1	
59 1,2-Dichloroethane	62	3.528	3.528	0.000	97	99330	20.0	17.6	
61 t-Amyl alcohol	59	3.671	3.671	0.000	94	39642	200.0	127.8	
* 62 Fluorobenzene	96	3.714	3.714	0.000	99	863248	50.0	50.0	
63 Isopropyl acetate	43	3.779	3.779	0.000	99	121530	20.0	17.6	
64 Methylcyclohexane	83	3.843	3.843	0.000	94	110623	20.0	19.4	
65 Trichloroethene	130	3.865	3.865	0.000	95	96076	20.0	19.8	
66 2-ethoxy-2-methyl butane	59	4.108	4.108	0.000	95	177198	20.0	17.5	
67 Dibromomethane	93	4.237	4.237	0.000	95	51836	20.0	18.3	
68 n-Butanol	56	4.237	4.237	0.000	85	37949	500.0	504.3	
69 1,2-Dichloropropane	63	4.330	4.330	0.000	94	89865	20.0	20.7	
70 Ethyl acrylate	55	4.402	4.402	0.000	98	87822	20.0	18.2	
71 Dichlorobromomethane	83	4.409	4.409	0.000	98	96610	20.0	17.5	
* 72 1,4-Dioxane-d8	96	4.595	4.595	0.000	57	45298	1000.0	1000.0	
73 Methyl methacrylate	100	4.602	4.602	0.000	88	43800	40.0	35.6	
74 1,4-Dioxane	88	4.624	4.624	0.000	91	20382	400.0	391.1	
75 n-Propyl acetate	43	4.760	4.760	0.000	97	94375	20.0	18.5	
76 2-Chloroethyl vinyl ether	63	5.032	5.032	0.000	96	25514	20.0	19.2	
77 cis-1,3-Dichloropropene	75	5.061	5.061	0.000	89	130208	20.0	18.3	
\$ 78 Toluene-d8 (Surr)	98	5.261	5.261	0.000	99	644559	50.0	48.4	
79 Toluene	91	5.312	5.312	0.000	93	385886	20.0	19.3	
80 Epichlorohydrin	57	5.347	5.347	0.000	98	153249	400.0	387.8	
81 2-Nitropropane	41	5.569	5.569	0.000	97	25067	40.0	26.2	
82 Tetrachloroethene	166	5.749	5.749	0.000	97	98187	20.0	19.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 4-Methyl-2-pentanone (MIBK)	43	5.784	5.784	0.000	95	338645	100.0	94.2	
84 trans-1,3-Dichloropropene	75	5.820	5.820	0.000	92	113487	20.0	17.5	
85 1,1,2-Trichloroethane	83	5.999	5.999	0.000	98	66903	20.0	20.2	
86 Ethyl methacrylate	69	6.071	6.071	0.000	87	98489	20.0	17.4	
87 Chlorodibromomethane	129	6.200	6.200	0.000	99	79062	20.0	17.3	
88 1,3-Dichloropropane	76	6.314	6.314	0.000	90	137765	20.0	20.4	
89 Ethylene Dibromide	107	6.451	6.451	0.000	98	77396	20.0	18.3	
90 n-Butyl acetate	43	6.787	6.787	0.000	98	93850	20.0	17.3	
91 2-Hexanone	43	6.852	6.852	0.000	94	218550	100.0	92.0	
* 92 Chlorobenzene-d5	117	7.138	7.138	0.000	84	669673	50.0	50.0	
93 Chlorobenzene	112	7.160	7.160	0.000	97	257892	20.0	19.9	
94 Ethylbenzene	106	7.246	7.246	0.000	97	136174	20.0	19.9	
95 1,1,1,2-Tetrachloroethane	131	7.274	7.274	0.000	95	77495	20.0	17.2	
96 m-Xylene & p-Xylene	106	7.461	7.461	0.000	95	162329	20.0	19.3	
97 o-Xylene	106	8.055	8.055	0.000	95	156586	20.0	19.3	
98 Bromoform	173	8.120	8.120	0.000	95	49270	20.0	15.5	
99 Styrene	104	8.141	8.141	0.000	97	256067	20.0	18.8	
100 n-Butyl acrylate	73	8.463	8.463	0.000	98	48382	20.0	16.1	
101 Isopropylbenzene	105	8.542	8.542	0.000	95	402361	20.0	20.2	
102 Amyl acetate (mixed isomer)	43	8.879	8.879	0.000	93	104982	20.0	16.2	
\$ 103 4-Bromofluorobenzene	174	8.922	8.922	0.000	95	220779	50.0	47.0	
104 Bromobenzene	156	9.029	9.029	0.000	93	116400	20.0	18.6	
105 N-Propylbenzene	91	9.180	9.180	0.000	100	463966	20.0	20.0	
106 1,1,2,2-Tetrachloroethane	83	9.323	9.323	0.000	98	99665	20.0	18.4	
107 2-Chlorotoluene	91	9.352	9.352	0.000	96	325205	20.0	18.8	
108 4-Ethyltoluene	105	9.366	9.366	0.000	98	405523	20.0	19.1	
109 1,2,3-Trichloropropane	110	9.459	9.459	0.000	97	29694	20.0	16.8	
110 1,3,5-Trimethylbenzene	105	9.523	9.523	0.000	94	329819	20.0	18.9	
111 trans-1,4-Dichloro-2-buten	53	9.588	9.588	0.000	87	22444	20.0	16.3	
112 4-Chlorotoluene	91	9.617	9.617	0.000	97	301215	20.0	18.8	
113 tert-Butylbenzene	119	9.996	9.996	0.000	96	272235	20.0	19.2	
114 Butyl Methacrylate	87	10.125	10.125	0.000	67	91776	20.0	15.4	
115 1,2,4-Trimethylbenzene	105	10.125	10.125	0.000	96	343715	20.0	18.7	
116 sec-Butylbenzene	105	10.290	10.290	0.000	99	403109	20.0	20.1	
117 1,3-Dichlorobenzene	146	10.548	10.548	0.000	98	214425	20.0	19.5	
118 4-Isopropyltoluene	119	10.562	10.562	0.000	98	346141	20.0	19.5	
* 119 1,4-Dichlorobenzene-d4	152	10.684	10.684	0.000	93	398869	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.705	10.705	0.000	96	222963	20.0	18.9	
138 1,2,3-Trimethylbenzene	105	10.813	10.813	0.000	0	358078	20.0	18.5	
121 2,3-Dihydroindene	117	10.992	10.992	0.000	94	366862	20.0	18.9	
122 Benzyl chloride	91	11.164	11.164	0.000	98	181852	20.0	14.2	
123 p-Diethylbenzene	119	11.171	11.171	0.000	95	195654	20.0	18.9	
124 n-Butylbenzene	91	11.250	11.250	0.000	98	300284	20.0	20.2	
125 1,2-Dichlorobenzene	146	11.357	11.357	0.000	98	207595	20.0	19.3	
126 1,2,4,5-Tetramethylbenzene	119	12.245	12.245	0.000	98	315420	20.0	17.8	
127 1,2-Dibromo-3-Chloropropan	157	12.396	12.396	0.000	93	17040	20.0	15.2	
128 1,3,5-Trichlorobenzene	180	12.439	12.439	0.000	97	146127	20.0	19.0	
129 1,2,4-Trichlorobenzene	180	13.105	13.105	0.000	93	130977	20.0	18.5	
130 Hexachlorobutadiene	225	13.119	13.119	0.000	97	48530	20.0	18.1	
131 Naphthalene	128	13.399	13.399	0.000	100	271786	20.0	15.8	
132 1,2,3-Trichlorobenzene	180	13.563	13.563	0.000	95	112228	20.0	17.4	
S 133 1,2-Dichloroethene, Total	100				0		40.0	37.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 134 1,3-Dichloropropene, Total 100 0 40.0 35.8

S 135 Xylenes, Total 100 0 40.0 38.6

S 137 Total BTEX 1 0 100.0 98.4

Reagents:

8260MIX1COMB_00058 Amount Added: 20.00 Units: uL

ACROLEIN W_00065 Amount Added: 4.00 Units: uL

GASES Li_00213 Amount Added: 20.00 Units: uL

8260ISNEW_00112 Amount Added: 1.00 Units: uL Run Reagent

8260SURR250_00158 Amount Added: 1.00 Units: uL Run Reagent

Operator ID:

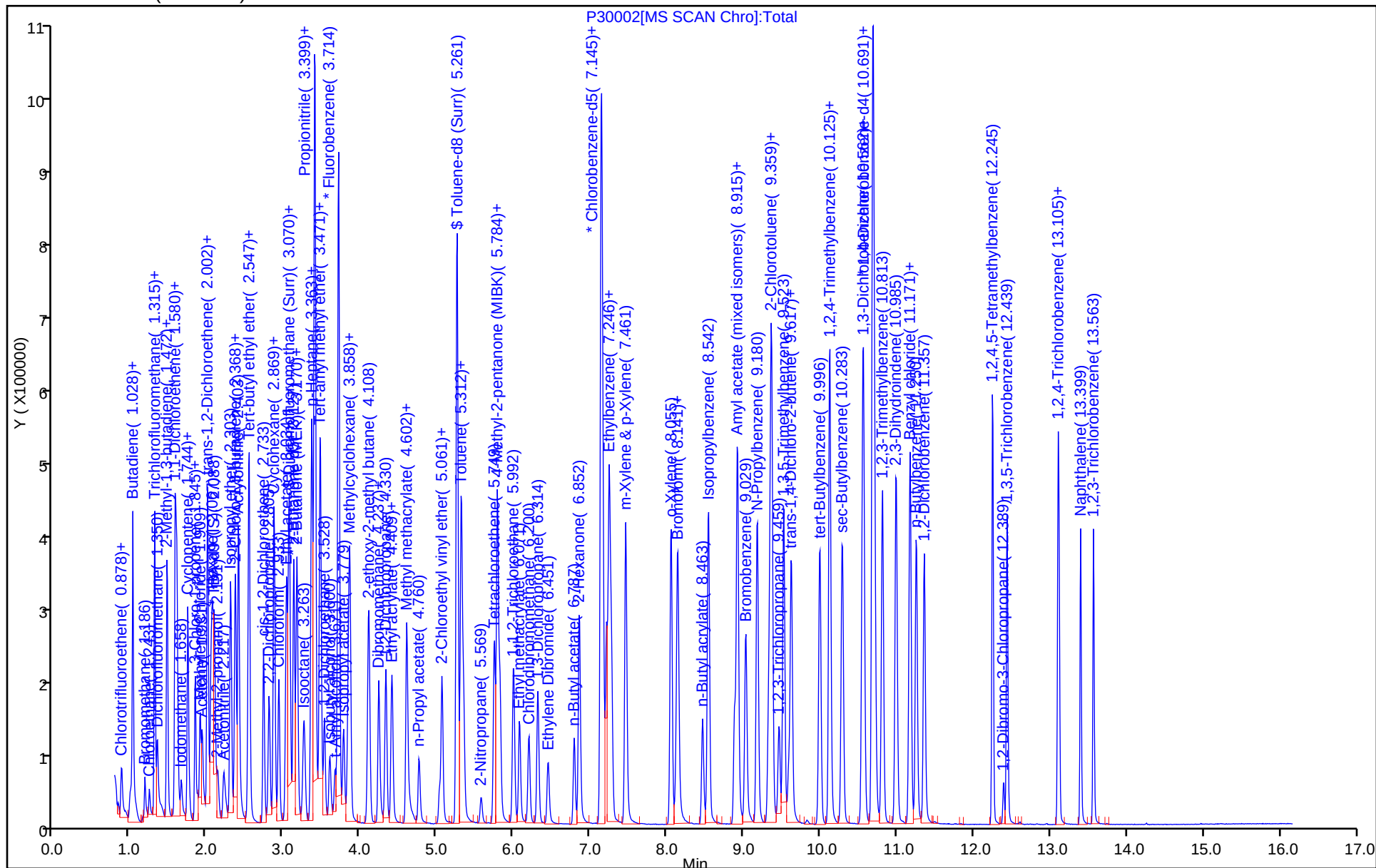
Worklist Smp#: 2

Client ID:

ALS Bottle#: 1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-135385-1

SDG No.: _____

Lab Sample ID: CCVIS 460-445936/3 Calibration Date: 06/26/2017 22:19

Instrument ID: CVOAMS13 Calib Start Date: 04/14/2017 01:41

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 04/14/2017 08:47

Lab File ID: P30028.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	0.1208	0.0850		14.1	20.0	-29.6*	20.0
Dichlorodifluoromethane	Ave	0.3214	0.2685	0.1000	16.7	20.0	-16.5	20.0
Vinyl chloride	Ave	0.3075	0.3108	0.1000	20.2	20.0	1.1	20.0
Butadiene	Ave	0.2455	0.2419		19.7	20.0	-1.4	20.0
Chloromethane	Ave	0.3802	0.3952	0.1000	20.8	20.0	3.9	20.0
Bromomethane	Ave	1.395	1.764	0.1000	25.3	20.0	26.5	50.0
Chloroethane	Ave	8.536	10.09	0.1000	23.6	20.0	18.2	50.0
Pentane	Ave	2.269	2.921		51.5	40.0	28.7*	20.0
Trichlorofluoromethane	Ave	0.3509	0.2891	0.1000	16.5	20.0	-17.6	20.0
Dichlorofluoromethane	Ave	0.4182	0.4008		19.2	20.0	-4.1	20.0
2-Methyl-1,3-butadiene	Ave	0.2636	0.3101		23.5	20.0	17.6	20.0
Ethyl ether	Ave	0.2162	0.1803		16.7	20.0	-16.6	20.0
Ethanol	QuaF		0.0717		988	800	23.5	50.0
1,1-Dichloroethene	Ave	0.2270	0.2083	0.1000	18.4	20.0	-8.2	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2674	0.2602		19.5	20.0	-2.7	20.0
Carbon disulfide	Ave	0.8495	0.6934	0.1000	16.3	20.0	-18.4	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2040	0.2116	0.1000	20.7	20.0	3.7	20.0
Iodomethane	QuaF		0.2143		13.4	20.0	-33.2*	20.0
Cyclopentene	Ave	0.5810	0.5611		19.3	20.0	-3.4	20.0
Acrolein	Ave	0.0306	0.0206		26.9	40.0	-32.8	50.0
Allyl chloride	Ave	0.1451	0.1306		18.0	20.0	-10.0	20.0
Isopropyl alcohol	Lin2		0.6800		213	200	6.4	50.0
Methylene Chloride	Ave	0.2790	0.2584	0.1000	18.5	20.0	-7.4	20.0
Acetone	QuaF		0.5698	0.0500	72.7	100	-27.3	50.0
trans-1,2-Dichloroethene	Ave	0.2557	0.2397	0.1000	18.7	20.0	-6.3	20.0
Methyl acetate	Ave	0.1510	0.1238	0.1000	82.0	100	-18.0	20.0
Hexane	Ave	0.4289	0.4327		20.2	20.0	0.9	20.0
Methyl tert-butyl ether	Ave	0.7336	0.5806	0.1000	15.8	20.0	-20.8*	20.0
2-Methyl-2-propanol	Lin2		1.138		202	200	1.0	50.0
Acetonitrile	Ave	1.243	1.939		312	200	56.0*	20.0
Isopropyl ether	Ave	0.7089	0.7538		21.3	20.0	6.3	20.0
2-Chloro-1,3-butadiene	Ave	0.2121	0.2285		21.5	20.0	7.7	20.0
1,1-Dichloroethane	Ave	0.4219	0.4346	0.2000	20.6	20.0	3.0	20.0
Acrylonitrile	Ave	0.0839	0.0774		185	200	-7.7	20.0
Tert-butyl ethyl ether	Ave	0.7444	0.6835		18.4	20.0	-8.2	20.0
Vinyl acetate	Ave	0.5009	0.4319		34.5	40.0	-13.8	20.0
cis-1,2-Dichloroethene	Ave	0.2901	0.2804	0.1000	19.3	20.0	-3.3	20.0
2,2-Dichloropropane	Ave	0.3732	0.3175		17.0	20.0	-14.9	20.0
Chlorobromomethane	Ave	0.1427	0.1367		19.2	20.0	-4.2	20.0
Cyclohexane	Ave	0.3357	0.4094	0.1000	24.4	20.0	22.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-135385-1

SDG No.: _____

Lab Sample ID: CCVIS 460-445936/3 Calibration Date: 06/26/2017 22:19

Instrument ID: CVOAMS13 Calib Start Date: 04/14/2017 01:41

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 04/14/2017 08:47

Lab File ID: P30028.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
Chloroform	Ave	0.4186	0.3965	0.2000	18.9	20.0	-5.3	20.0
Carbon tetrachloride	Ave	0.3022	0.2657	0.1000	17.6	20.0	-12.1	20.0
Ethyl acetate	QuaF		0.3239		40.6	40.0	1.6	20.0
Methyl acrylate	Ave	0.1975	0.1719		17.4	20.0	-13.0	20.0
Tetrahydrofuran	Ave	0.9556	0.9545		40.0	40.0	-0.1	20.0
1,1,1-Trichloroethane	Ave	0.3680	0.3294	0.1000	17.9	20.0	-10.5	20.0
2-Butanone (MEK)	Ave	0.3915	0.3472	0.0500	88.7	100	-11.3	50.0
1,1-Dichloropropene	Ave	0.3438	0.3381		19.7	20.0	-1.7	20.0
2,2,4-Trimethylpentane	Ave	0.5135	0.6287		24.5	20.0	22.4*	20.0
n-Heptane	Ave	0.1246	0.1540		24.7	20.0	23.6*	20.0
Benzene	Ave	1.302	1.363	0.5000	20.9	20.0	4.6	20.0
Propionitrile	Ave	1.511	2.258		299	200	49.4*	20.0
Methacrylonitrile	Ave	0.0972	0.0911		187	200	-6.3	20.0
Tert-amyl methyl ether	Ave	0.7090	0.6181		17.4	20.0	-12.8	20.0
1,2-Dichloroethane	Ave	0.3266	0.2830	0.1000	17.3	20.0	-13.4	20.0
Isobutyl alcohol	Ave	0.4168	0.4241		509	500	1.7	50.0
Isopropyl acetate	Ave	0.4001	0.3103		15.5	20.0	-22.5*	20.0
Methylcyclohexane	Ave	0.3296	0.3940	0.1000	23.9	20.0	19.5	50.0
Trichloroethene	Ave	0.2809	0.2813	0.2000	20.0	20.0	0.2	20.0
Dibromomethane	Ave	0.1639	0.1458		17.8	20.0	-11.0	20.0
n-Butanol	Ave	0.2666	0.2781		522	500	4.3	50.0
1,2-Dichloropropane	Ave	0.2510	0.2616	0.1000	20.8	20.0	4.2	20.0
Ethyl acrylate	Ave	0.2796	0.2244		16.1	20.0	-19.7	20.0
Bromodichloromethane	Ave	0.3197	0.2829	0.2000	17.7	20.0	-11.5	20.0
Methyl methacrylate	Ave	0.0712	0.0572		32.1	40.0	-19.7	20.0
1,4-Dioxane	Ave	1.150	1.154		401	400	0.3	50.0
n-Propyl acetate	Ave	0.2958	0.2330		15.7	20.0	-21.3*	20.0
2-Chloroethyl vinyl ether	Qua2		0.0743		19.3	20.0	-3.7	20.0
cis-1,3-Dichloropropene	Ave	0.5300	0.4891	0.2000	18.5	20.0	-7.7	50.0
Toluene	Ave	1.495	1.483	0.4000	19.8	20.0	-0.8	20.0
Epichlorohydrin	Ave	0.2585	0.2586		400	400	0.0	20.0
2-Nitropropane	Ave	0.0554	0.0303		21.9	40.0	-45.3*	20.0
Tetrachloroethene	Ave	0.3821	0.3807	0.2000	19.9	20.0	-0.4	20.0
4-Methyl-2-pentanone (MIBK)	Ave	2.352	2.286	0.0500	97.2	100	-2.8	50.0
trans-1,3-Dichloropropene	Ave	0.4851	0.4192	0.1000	17.3	20.0	-13.6	50.0
1,1,2-Trichloroethane	Ave	0.2475	0.2336	0.1000	18.9	20.0	-5.6	20.0
Ethyl methacrylate	Ave	0.3271	0.2643		16.2	20.0	-19.2	20.0
Dibromochloromethane	Ave	0.3421	0.2935	0.1000	17.2	20.0	-14.2	50.0
1,3-Dichloropropane	Ave	0.5049	0.4986		19.7	20.0	-1.3	20.0
1,2-Dibromoethane	Ave	0.3160	0.2826	0.1000	17.9	20.0	-10.6	20.0
n-Butyl acetate	Ave	0.4039	0.3068		15.2	20.0	-24.0*	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-135385-1

SDG No.: _____

Lab Sample ID: CCVIS 460-445936/3 Calibration Date: 06/26/2017 22:19

Instrument ID: CVOAMS13 Calib Start Date: 04/14/2017 01:41

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 04/14/2017 08:47

Lab File ID: P30028.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
2-Hexanone	Ave	1.554	1.470	0.0500	94.6	100	-5.4	50.0
Chlorobenzene	Ave	0.9659	0.9910	0.5000	20.5	20.0	2.6	20.0
Ethylbenzene	Ave	0.5097	0.5266	0.1000	20.7	20.0	3.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3359	0.2965		17.7	20.0	-11.7	20.0
m&p-Xylene	Ave	0.6295	0.6364	0.1000	20.2	20.0	1.1	20.0
o-Xylene	Ave	0.6044	0.6102	0.3000	20.2	20.0	1.0	20.0
Bromoform	Ave	0.2374	0.1736	0.1000	14.6	20.0	-26.9*	20.0
Styrene	Ave	1.015	1.002	0.3000	19.7	20.0	-1.3	20.0
n-Butyl acrylate	Ave	0.2248	0.1679		14.9	20.0	-25.3*	20.0
Isopropylbenzene	Ave	1.485	1.571	0.1000	21.2	20.0	5.8	20.0
Amyl acetate (mixed isomers)	Ave	0.8112	0.6141		15.1	20.0	-24.3*	20.0
Bromobenzene	Ave	0.7833	0.7573		19.3	20.0	-3.3	20.0
N-Propylbenzene	Ave	2.911	3.087		21.2	20.0	6.1	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6804	0.5824	0.3000	17.1	20.0	-14.4	20.0
2-Chlorotoluene	Ave	2.164	2.155		19.9	20.0	-0.4	20.0
4-Ethyltoluene	Ave	2.658	2.691		20.3	20.0	1.3	20.0
1,2,3-Trichloropropane	Ave	0.2210	0.1693		15.3	20.0	-23.4*	20.0
1,3,5-Trimethylbenzene	Ave	2.191	2.202		20.1	20.0	0.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1724	0.1332		15.5	20.0	-22.7*	20.0
4-Chlorotoluene	Ave	2.011	1.981		19.7	20.0	-1.5	20.0
tert-Butylbenzene	Ave	1.773	1.837		20.7	20.0	3.6	20.0
1,2,4-Trimethylbenzene	Ave	2.298	2.296		20.0	20.0	-0.1	20.0
Butyl Methacrylate	Ave	0.7491	0.5961		15.9	20.0	-20.4*	20.0
sec-Butylbenzene	Ave	2.511	2.708		21.6	20.0	7.8	20.0
1,3-Dichlorobenzene	Ave	1.378	1.414	0.6000	20.5	20.0	2.6	20.0
4-Isopropyltoluene	Ave	2.229	2.351		21.1	20.0	5.5	20.0
1,4-Dichlorobenzene	Ave	1.480	1.445	0.5000	19.5	20.0	-2.4	20.0
1,2,3-Trimethylbenzene	Ave	2.430	2.383		19.6	20.0	-1.9	20.0
Indan	Ave	2.434	2.404		19.8	20.0	-1.2	20.0
Benzyl chloride	Ave	1.603	1.142		14.2	20.0	-28.8	50.0
p-Diethylbenzene	Ave	1.298	1.333		20.5	20.0	2.7	20.0
n-Butylbenzene	Ave	1.863	2.049		22.0	20.0	10.0	20.0
1,2-Dichlorobenzene	Ave	1.345	1.340	0.4000	19.9	20.0	-0.4	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.225	2.094		18.8	20.0	-5.9	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1403	0.0973	0.0500	13.9	20.0	-30.6	50.0
1,3,5-Trichlorobenzene	Ave	0.9658	0.9723		20.1	20.0	0.7	20.0
1,2,4-Trichlorobenzene	Ave	0.8854	0.8486	0.2000	19.2	20.0	-4.2	20.0
Hexachlorobutadiene	Ave	0.3369	0.3390		20.1	20.0	0.6	20.0
Naphthalene	Ave	2.161	1.635		15.1	20.0	-24.3	50.0
1,2,3-Trichlorobenzene	Ave	0.8082	0.7265		18.0	20.0	-10.1	20.0
Dibromofluoromethane (Surr)	Ave	0.1805	0.1672		46.3	50.0	-7.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-135385-1
SDG No.: _____
Lab Sample ID: CCVIS 460-445936/3 Calibration Date: 06/26/2017 22:19
Instrument ID: CVOAMS13 Calib Start Date: 04/14/2017 01:41
GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 04/14/2017 08:47
Lab File ID: P30028.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
1,2-Dichloroethane-d4 (Surr)	Ave	0.2025	0.1699		42.0	50.0	-16.1	20.0
Toluene-d8 (Surr)	Ave	0.9948	0.9402		47.3	50.0	-5.5	20.0
4-Bromofluorobenzene	Ave	0.3510	0.3199		45.6	50.0	-8.8	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56988.b\P30028.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 26-Jun-2017 22:19:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0056988-003
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub51
 Method: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56988.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 27-Jun-2017 16:04:22 Calib Date: 14-Apr-2017 08:47:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK012

First Level Reviewer: desais

Date: 27-Jun-2017 09:12:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.871	0.871	0.000	87	30894	20.0	14.1	
2 Dichlorodifluoromethane	85	0.885	0.885	0.000	99	97621	20.0	16.7	
5 Vinyl chloride	62	1.021	1.021	0.000	98	113000	20.0	20.2	
4 Chloromethane	50	1.028	1.028	0.000	55	143699	20.0	20.8	
3 Butadiene	54	1.028	1.028	0.000	93	87960	20.0	19.7	
6 Bromomethane	94	1.186	1.186	0.000	99	46731	20.0	25.3	
7 Chloroethane	64	1.243	1.243	0.000	99	44984	20.0	23.6	
9 Pentane	72	1.315	1.315	0.000	96	26050	40.0	51.5	
8 Trichlorofluoromethane	101	1.315	1.315	0.000	65	105114	20.0	16.5	
10 Dichlorofluoromethane	67	1.350	1.350	0.000	99	145739	20.0	19.2	
11 2-Methyl-1,3-butadiene	67	1.472	1.472	0.000	95	112753	20.0	23.5	
12 Ethyl ether	59	1.479	1.479	0.000	97	65566	20.0	16.7	
13 Ethanol	46	1.572	1.572	0.000	27	12793	800.0	988.0	
15 1,2-Dichloro-1,1,2-trifluo	67	1.580	1.580	0.000	84	94593	20.0	19.5	
14 1,1-Dichloroethene	96	1.580	1.580	0.000	96	75730	20.0	18.4	
16 Carbon disulfide	76	1.594	1.594	0.000	99	252124	20.0	16.3	
17 1,1,2-Trichloro-1,2,2-trif	101	1.608	1.608	0.000	98	76937	20.0	20.7	
18 Iodomethane	142	1.666	1.666	0.000	96	77910	20.0	13.4	
19 Cyclopentene	67	1.744	1.744	0.000	95	204006	20.0	19.3	
20 Acrolein	56	1.766	1.766	0.000	93	14955	40.0	26.9	
21 3-Chloro-1-propene	76	1.845	1.845	0.000	94	47499	20.0	18.0	
22 Isopropyl alcohol	45	1.873	1.873	0.000	97	30327	200.0	212.7	
23 Methylene Chloride	84	1.909	1.909	0.000	89	93948	20.0	18.5	
24 Acetone	43	1.931	1.931	0.000	89	75479	100.0	72.7	
25 trans-1,2-Dichloroethene	96	1.995	1.995	0.000	93	87139	20.0	18.7	
26 Methyl acetate	43	2.002	2.002	0.000	98	224998	100.0	82.0	
27 Hexane	57	2.052	2.052	0.000	87	157336	20.0	20.2	
28 Methyl tert-butyl ether	73	2.067	2.067	0.000	94	211124	20.0	15.8	
* 29 TBA-d9 (IS)	65	2.088	2.088	0.000	99	222983	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.131	2.131	0.000	99	50773	200.0	202.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.217	2.217	0.000	100	86485	200.0	311.9	
32 Isopropyl ether	45	2.303	2.303	0.000	96	274083	20.0	21.3	
33 2-Chloro-1,3-butadiene	88	2.360	2.360	0.000	87	83071	20.0	21.5	
34 1,1-Dichloroethane	63	2.375	2.375	0.000	99	158016	20.0	20.6	
35 Acrylonitrile	53	2.403	2.403	0.000	95	281585	200.0	184.6	
36 Tert-butyl ethyl ether	59	2.540	2.540	0.000	90	248521	20.0	18.4	
37 Vinyl acetate	43	2.547	2.547	0.000	100	314076	40.0	34.5	
38 cis-1,2-Dichloroethene	96	2.733	2.733	0.000	99	101970	20.0	19.3	
39 2,2-Dichloropropane	77	2.805	2.805	0.000	97	115442	20.0	17.0	
40 Cyclohexane	56	2.869	2.869	0.000	88	148861	20.0	24.4	
41 Chlorobromomethane	128	2.869	2.869	0.000	80	49714	20.0	19.2	
42 Chloroform	83	2.933	2.933	0.000	100	144173	20.0	18.9	
43 Carbon tetrachloride	117	3.027	3.027	0.000	96	96616	20.0	17.6	
44 Ethyl acetate	70	3.034	3.034	0.000	99	17164	40.0	40.6	
45 Methyl acrylate	55	3.034	3.034	0.000	98	62517	20.0	17.4	
46 Tetrahydrofuran	42	3.048	3.048	0.000	97	50575	40.0	40.0	
\$ 47 Dibromofluoromethane (Surr	113	3.062	3.062	0.000	98	151976	50.0	46.3	
48 1,1,1-Trichloroethane	97	3.077	3.077	0.000	97	119783	20.0	17.9	
* 49 2-Butanone-d5	46	3.127	3.127	0.000	99	331173	250.0	250.0	
50 2-Butanone (MEK)	72	3.163	3.163	0.000	99	45994	100.0	88.7	
51 1,1-Dichloropropene	75	3.170	3.170	0.000	99	122916	20.0	19.7	
52 Isooctane	57	3.263	3.263	0.000	98	228593	20.0	24.5	
53 n-Heptane	57	3.356	3.356	0.000	89	56001	20.0	24.7	
54 Benzene	78	3.363	3.363	0.000	95	380808	20.0	20.9	
55 Propionitrile	54	3.385	3.385	0.000	98	100678	200.0	298.9	
56 Methacrylonitrile	67	3.399	3.399	0.000	89	331049	200.0	187.4	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.471	3.471	0.000	90	154475	50.0	42.0	
58 Tert-amyl methyl ether	73	3.471	3.471	0.000	99	224744	20.0	17.4	
59 1,2-Dichloroethane	62	3.528	3.528	0.000	96	102898	20.0	17.3	
60 Isobutyl alcohol	43	3.592	3.592	0.000	95	47284	500.0	508.7	
61 t-Amyl alcohol	59	3.664	3.664	0.000	93	31029	200.0	95.0	
* 62 Fluorobenzene	96	3.714	3.714	0.000	99	909011	50.0	50.0	
63 Isopropyl acetate	43	3.779	3.779	0.000	99	112819	20.0	15.5	
64 Methylcyclohexane	83	3.843	3.843	0.000	94	143265	20.0	23.9	
65 Trichloroethene	130	3.865	3.865	0.000	95	102292	20.0	20.0	
66 2-ethoxy-2-methyl butane	59	4.108	4.108	0.000	96	191916	20.0	18.0	
68 n-Butanol	56	4.237	4.237	0.000	87	31010	500.0	521.6	
67 Dibromomethane	93	4.237	4.237	0.000	94	53007	20.0	17.8	
69 1,2-Dichloropropane	63	4.330	4.330	0.000	94	95103	20.0	20.8	
70 Ethyl acrylate	55	4.402	4.402	0.000	98	81589	20.0	16.1	
71 Dichlorobromomethane	83	4.409	4.409	0.000	99	102872	20.0	17.7	
* 72 1,4-Dioxane-d8	96	4.595	4.595	0.000	39	36640	1000.0	1000.0	
73 Methyl methacrylate	100	4.602	4.602	0.000	87	41592	40.0	32.1	
74 1,4-Dioxane	88	4.617	4.617	0.000	35	16914	400.0	401.3	
75 n-Propyl acetate	43	4.760	4.760	0.000	98	84700	20.0	15.7	
76 2-Chloroethyl vinyl ether	63	5.032	5.032	0.000	97	27002	20.0	19.3	
77 cis-1,3-Dichloropropene	75	5.061	5.061	0.000	89	136701	20.0	18.5	
\$ 78 Toluene-d8 (Surr)	98	5.261	5.261	0.000	99	656935	50.0	47.3	
79 Toluene	91	5.312	5.312	0.000	93	414349	20.0	19.8	
80 Epichlorohydrin	57	5.340	5.340	0.000	99	137009	400.0	400.1	
81 2-Nitropropane	41	5.577	5.577	0.000	98	22039	40.0	21.9	
82 Tetrachloroethene	166	5.749	5.749	0.000	96	106407	20.0	19.9	

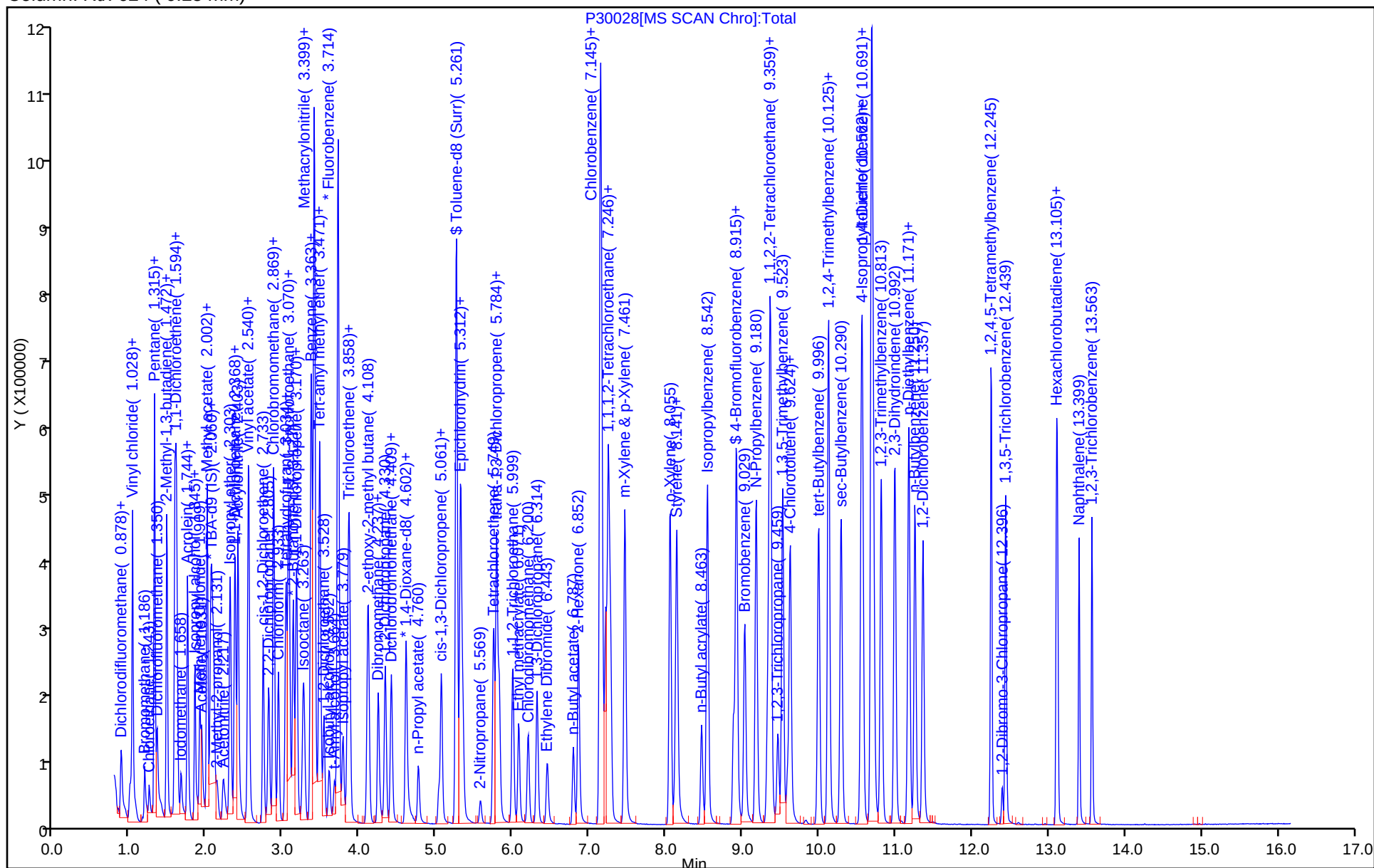
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 4-Methyl-2-pentanone (MIBK)	43	5.784	5.784	0.000	95	302783	100.0	97.2	
84 trans-1,3-Dichloropropene	75	5.820	5.820	0.000	92	117164	20.0	17.3	
85 1,1,2-Trichloroethane	83	5.999	5.999	0.000	96	65296	20.0	18.9	
86 Ethyl methacrylate	69	6.071	6.071	0.000	87	96113	20.0	16.2	
87 Chlorodibromomethane	129	6.200	6.200	0.000	98	82026	20.0	17.2	
88 1,3-Dichloropropane	76	6.314	6.314	0.000	91	139343	20.0	19.7	
89 Ethylene Dibromide	107	6.451	6.451	0.000	97	78969	20.0	17.9	
90 n-Butyl acetate	43	6.787	6.787	0.000	98	85746	20.0	15.2	
91 2-Hexanone	43	6.852	6.852	0.000	93	194734	100.0	94.6	
* 92 Chlorobenzene-d5	117	7.138	7.138	0.000	85	698693	50.0	50.0	
93 Chlorobenzene	112	7.160	7.160	0.000	96	276955	20.0	20.5	
94 Ethylbenzene	106	7.246	7.246	0.000	97	147171	20.0	20.7	
95 1,1,1,2-Tetrachloroethane	131	7.274	7.274	0.000	94	82865	20.0	17.7	
96 m-Xylene & p-Xylene	106	7.461	7.461	0.000	95	177867	20.0	20.2	
97 o-Xylene	106	8.055	8.055	0.000	95	170539	20.0	20.2	
98 Bromoform	173	8.120	8.120	0.000	97	48503	20.0	14.6	
99 Styrene	104	8.141	8.141	0.000	97	279925	20.0	19.7	
100 n-Butyl acrylate	73	8.463	8.463	0.000	98	46909	20.0	14.9	
101 Isopropylbenzene	105	8.542	8.542	0.000	95	439067	20.0	21.2	
102 Amyl acetate (mixed isomer)	43	8.879	8.879	0.000	92	100036	20.0	15.1	
\$ 103 4-Bromofluorobenzene	174	8.922	8.922	0.000	96	223526	50.0	45.6	
104 Bromobenzene	156	9.029	9.029	0.000	94	123362	20.0	19.3	
105 N-Propylbenzene	91	9.180	9.180	0.000	100	502898	20.0	21.2	
106 1,1,2,2-Tetrachloroethane	83	9.323	9.323	0.000	99	94865	20.0	17.1	
107 2-Chlorotoluene	91	9.352	9.352	0.000	97	351091	20.0	19.9	
108 4-Ethyltoluene	105	9.366	9.366	0.000	98	438300	20.0	20.3	
109 1,2,3-Trichloropropane	110	9.459	9.459	0.000	96	27577	20.0	15.3	
110 1,3,5-Trimethylbenzene	105	9.523	9.523	0.000	94	358678	20.0	20.1	
111 trans-1,4-Dichloro-2-buten	53	9.588	9.588	0.000	74	21699	20.0	15.5	
112 4-Chlorotoluene	91	9.624	9.624	0.000	96	322661	20.0	19.7	
113 tert-Butylbenzene	119	9.996	9.996	0.000	98	299144	20.0	20.7	
114 Butyl Methacrylate	87	10.125	10.125	0.000	48	97093	20.0	15.9	
115 1,2,4-Trimethylbenzene	105	10.125	10.125	0.000	96	373997	20.0	20.0	
116 sec-Butylbenzene	105	10.290	10.290	0.000	99	441102	20.0	21.6	
117 1,3-Dichlorobenzene	146	10.548	10.548	0.000	98	230390	20.0	20.5	
118 4-Isopropyltoluene	119	10.562	10.562	0.000	98	383018	20.0	21.1	
* 119 1,4-Dichlorobenzene-d4	152	10.684	10.684	0.000	93	407220	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.705	10.705	0.000	96	235390	20.0	19.5	
138 1,2,3-Trimethylbenzene	105	10.813	10.813	0.000	0	388118	20.0	19.6	
121 2,3-Dihydroindene	117	10.992	10.992	0.000	94	391651	20.0	19.8	
122 Benzyl chloride	91	11.164	11.164	0.000	98	186019	20.0	14.2	
123 p-Diethylbenzene	119	11.171	11.171	0.000	95	217090	20.0	20.5	
124 n-Butylbenzene	91	11.250	11.250	0.000	98	333687	20.0	22.0	
125 1,2-Dichlorobenzene	146	11.357	11.357	0.000	98	218329	20.0	19.9	
126 1,2,4,5-Tetramethylbenzene	119	12.245	12.245	0.000	98	341019	20.0	18.8	
127 1,2-Dibromo-3-Chloropropan	157	12.396	12.396	0.000	92	15851	20.0	13.9	
128 1,3,5-Trichlorobenzene	180	12.439	12.439	0.000	97	158382	20.0	20.1	
129 1,2,4-Trichlorobenzene	180	13.105	13.105	0.000	94	138220	20.0	19.2	
130 Hexachlorobutadiene	225	13.119	13.119	0.000	97	55211	20.0	20.1	
131 Naphthalene	128	13.399	13.399	0.000	100	266389	20.0	15.1	
132 1,2,3-Trichlorobenzene	180	13.563	13.563	0.000	95	118342	20.0	18.0	
S 133 1,2-Dichloroethene, Total	100				0		40.0	38.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,3-Dichloropropene, Total	100				0		40.0	35.7	
S 135 Xylenes, Total	100				0		40.0	40.4	
S 137 Total BTEX	1				0		100.0	101.8	

Reagents:

8260MIX1COMB_00058	Amount Added: 20.00	Units: uL	
ACROLEIN W_00065	Amount Added: 4.00	Units: uL	
GASES Li_00213	Amount Added: 20.00	Units: uL	
8260ISNEW_00112	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added: 1.00	Units: uL	Run Reagent

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-135385-1

SDG No.: _____

Lab Sample ID: CCVIS 460-446090/3 Calibration Date: 06/27/2017 10:31

Instrument ID: CVOAMS8 Calib Start Date: 06/22/2017 17:20

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 06/23/2017 02:50

Lab File ID: J573487.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	0.0306	0.0350		22.9	20.0	14.5	20.0
Dichlorodifluoromethane	Ave	0.3519	0.3525	0.1000	20.0	20.0	0.1	20.0
Chloromethane	Ave	0.3732	0.2471	0.1000	13.2	20.0	-33.8*	20.0
Vinyl chloride	Ave	0.3476	0.2872	0.1000	16.5	20.0	-17.4	20.0
Butadiene	Ave	0.2967	0.2493		16.8	20.0	-16.0	20.0
Bromomethane	Ave	0.2225	0.1692	0.1000	15.2	20.0	-24.0	50.0
Chloroethane	Ave	0.1979	0.1661	0.1000	16.8	20.0	-16.0	50.0
Dichlorofluoromethane	Ave	0.4729	0.4684		19.8	20.0	-0.9	20.0
Trichlorofluoromethane	Ave	0.4030	0.4485	0.1000	22.3	20.0	11.3	20.0
Pentane	QuaF		2.495		53.1	40.0	32.7*	20.0
Ethanol	Ave	0.0571	0.0635		890	800	11.3	50.0
Ethyl ether	Ave	0.2165	0.1814		16.8	20.0	-16.2	20.0
2-Methyl-1,3-butadiene	Ave	0.1950	0.2046		21.0	20.0	5.0	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2107	0.2299		21.8	20.0	9.1	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	QuaF		0.2503	0.1000	23.4	20.0	17.0	20.0
Acrolein	Ave	1.062	0.8529		32.1	40.0	-19.7	50.0
1,1-Dichloroethene	Ave	0.2425	0.2498	0.1000	20.6	20.0	3.0	20.0
Acetone	Ave	0.8583	0.8242	0.0500	96.0	100	-4.0	50.0
Iodomethane	Ave	0.3336	0.3004		18.0	20.0	-9.9	20.0
Carbon disulfide	Ave	0.8597	0.7488	0.1000	17.4	20.0	-12.9	50.0
Isopropyl alcohol	QuaF		0.6963		212	200	6.2	50.0
Allyl chloride	Ave	0.1390	0.1433		20.6	20.0	3.0	20.0
Cyclopentene	Ave	0.5554	0.5955		21.4	20.0	7.2	20.0
Methyl acetate	Ave	0.1745	0.1409	0.1000	80.7	100	-19.3	20.0
Acetonitrile	Ave	2.143	1.784		166	200	-16.8	20.0
Methylene Chloride	Lin2		0.2605	0.1000	18.0	20.0	-10.2	20.0
2-Methyl-2-propanol	Qua2		1.047		194	200	-3.2	50.0
Methyl tert-butyl ether	Ave	0.6656	0.6355	0.1000	19.1	20.0	-4.5	20.0
trans-1,2-Dichloroethene	Lin2		0.2644	0.1000	20.0	20.0	-0.2	20.0
Acrylonitrile	Ave	5.888	4.984		169	200	-15.3	20.0
Hexane	QuaF		0.2219		19.5	20.0	-2.5	20.0
Isopropyl ether	Ave	0.7835	0.6300		16.1	20.0	-19.6	20.0
1,1-Dichloroethane	Ave	0.4619	0.3936	0.2000	17.0	20.0	-14.8	20.0
Vinyl acetate	Ave	0.4545	0.3861		34.0	40.0	-15.0	20.0
2-Chloro-1,3-butadiene	Ave	0.2197	0.2246		20.5	20.0	2.3	20.0
Tert-butyl ethyl ether	Ave	0.7279	0.6471		17.8	20.0	-11.1	20.0
2,2-Dichloropropane	Lin2		0.1232		24.3	20.0	21.6*	20.0
cis-1,2-Dichloroethene	Ave	0.2953	0.2933	0.1000	19.9	20.0	-0.7	20.0
2-Butanone (MEK)	Ave	0.3079	0.3195	0.0500	104	100	3.8	50.0
Ethyl acetate	Ave	0.2598	0.3110		47.9	40.0	19.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-135385-1

SDG No.: _____

Lab Sample ID: CCVIS 460-446090/3 Calibration Date: 06/27/2017 10:31

Instrument ID: CVOAMS8 Calib Start Date: 06/22/2017 17:20

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 06/23/2017 02:50

Lab File ID: J573487.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	0.2047	0.1706		16.7	20.0	-16.6	20.0
Propionitrile	Ave	1.981	1.932		195	200	-2.5	20.0
Tetrahydrofuran	Lin2		0.3351		39.5	40.0	-1.3	20.0
Chlorobromomethane	Ave	0.1296	0.1341		20.7	20.0	3.5	20.0
Methacrylonitrile	Ave	0.1021	0.0922		180	200	-9.8	20.0
Chloroform	Ave	0.4459	0.4358	0.2000	19.5	20.0	-2.3	20.0
Cyclohexane	QuaF		0.3331	0.1000	19.5	20.0	-2.7	50.0
1,1,1-Trichloroethane	Ave	0.3811	0.3956	0.1000	20.8	20.0	3.8	20.0
Carbon tetrachloride	Ave	0.3061	0.3238	0.1000	21.2	20.0	5.8	20.0
1,1-Dichloropropene	Ave	0.3338	0.3088		18.5	20.0	-7.5	20.0
Isobutyl alcohol	Ave	0.6628	0.5792		437	500	-12.6	50.0
2,2,4-Trimethylpentane	QuaF		0.4084		20.9	20.0	4.3	20.0
Benzene	Ave	1.449	1.294	0.5000	17.9	20.0	-10.7	20.0
Tert-amyl methyl ether	Ave	0.7704	0.7524		19.5	20.0	-2.3	20.0
Isopropyl acetate	Ave	0.6939	0.5379		15.5	20.0	-22.5*	20.0
1,2-Dichloroethane	Ave	0.3374	0.3277	0.1000	19.4	20.0	-2.9	20.0
n-Heptane	QuaF		0.0941		19.1	20.0	-4.6	20.0
n-Butanol	Ave	0.2831	0.2794		493	500	-1.3	50.0
Trichloroethene	Ave	0.2752	0.2515	0.2000	18.3	20.0	-8.6	20.0
Methylcyclohexane	QuaF		0.2978	0.1000	19.8	20.0	-0.8	50.0
Ethyl acrylate	Ave	0.4857	0.4533		18.7	20.0	-6.7	20.0
1,2-Dichloropropane	Ave	0.2695	0.2214	0.1000	16.4	20.0	-17.9	20.0
Methyl methacrylate	Ave	0.0653	0.0660		40.4	40.0	0.9	20.0
1,4-Dioxane	QuaF		1.197		618	400	54.4*	50.0
Dibromomethane	Ave	0.1620	0.1529		18.9	20.0	-5.7	20.0
n-Propyl acetate	Ave	0.3190	0.2448		15.4	20.0	-23.2*	20.0
Bromodichloromethane	Ave	0.3476	0.3132	0.2000	18.0	20.0	-9.9	20.0
2-Nitropropane	Ave	0.0607	0.0495		32.6	40.0	-18.4	20.0
2-Chloroethyl vinyl ether	Ave	0.1485	0.1219		16.4	20.0	-17.9	20.0
Epichlorohydrin	Ave	0.2454	0.2578		420	400	5.0	20.0
cis-1,3-Dichloropropene	Ave	0.5388	0.4884	0.2000	18.1	20.0	-9.4	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.413	2.312	0.0500	95.8	100	-4.2	50.0
Toluene	Ave	1.578	1.401	0.4000	17.8	20.0	-11.2	20.0
trans-1,3-Dichloropropene	Ave	0.4924	0.4366	0.1000	17.7	20.0	-11.3	50.0
Ethyl methacrylate	Ave	0.2981	0.2616		17.6	20.0	-12.2	20.0
1,1,2-Trichloroethane	Ave	0.2844	0.2410	0.1000	16.9	20.0	-15.3	20.0
Tetrachloroethene	Ave	0.3525	0.3728	0.2000	21.2	20.0	5.8	20.0
1,3-Dichloropropane	Ave	0.5349	0.4462		16.7	20.0	-16.6	20.0
2-Hexanone	Ave	0.9568	0.9337	0.0500	97.6	100	-2.4	50.0
n-Butyl acetate	Ave	0.4654	0.3348		14.4	20.0	-28.1*	20.0
Dibromochloromethane	Ave	0.3523	0.3498	0.1000	19.9	20.0	-0.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-135385-1

SDG No.: _____

Lab Sample ID: CCVIS 460-446090/3 Calibration Date: 06/27/2017 10:31

Instrument ID: CVOAMS8 Calib Start Date: 06/22/2017 17:20

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 06/23/2017 02:50

Lab File ID: J573487.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
1,2-Dibromoethane	Ave	0.3182	0.3026	0.1000	19.0	20.0	-4.9	20.0
Chlorobenzene	Ave	1.013	0.9507	0.5000	18.8	20.0	-6.1	20.0
Ethylbenzene	Ave	0.5152	0.4898	0.1000	19.0	20.0	-4.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3640	0.3487		19.2	20.0	-4.2	20.0
m&p-Xylene	Ave	0.6245	0.5904	0.1000	18.9	20.0	-5.5	20.0
n-Butyl acrylate	Ave	0.2347	0.1904		16.2	20.0	-18.9	20.0
o-Xylene	Ave	0.6388	0.6044	0.3000	18.9	20.0	-5.4	20.0
Styrene	Ave	1.064	1.015	0.3000	19.1	20.0	-4.6	20.0
Amyl acetate (mixed isomers)	Ave	1.035	0.7053		13.6	20.0	-31.9*	20.0
Bromoform	Ave	0.2417	0.2405	0.1000	19.9	20.0	-0.5	20.0
Isopropylbenzene	Ave	1.464	1.411	0.1000	19.3	20.0	-3.6	20.0
Bromobenzene	Ave	0.8128	0.7756		19.1	20.0	-4.6	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7179	0.5872	0.3000	16.4	20.0	-18.2	20.0
N-Propylbenzene	Ave	3.212	2.780		17.3	20.0	-13.4	20.0
1,2,3-Trichloropropane	Ave	0.2229	0.1952		17.5	20.0	-12.4	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1995	0.1501		15.1	20.0	-24.7*	20.0
2-Chlorotoluene	Ave	2.405	1.972		16.4	20.0	-18.0	20.0
4-Ethyltoluene	Ave	2.780	2.583		18.6	20.0	-7.1	20.0
1,3,5-Trimethylbenzene	Ave	2.296	2.066		18.0	20.0	-10.0	20.0
4-Chlorotoluene	Ave	2.156	1.842		17.1	20.0	-14.5	20.0
Butyl Methacrylate	Ave	0.9002	0.6749		15.0	20.0	-25.0*	20.0
tert-Butylbenzene	Ave	1.797	1.663		18.5	20.0	-7.5	20.0
1,2,4-Trimethylbenzene	Ave	2.414	2.241		18.6	20.0	-7.2	20.0
sec-Butylbenzene	Ave	2.505	2.295		18.3	20.0	-8.4	20.0
4-Isopropyltoluene	Ave	2.203	2.135		19.4	20.0	-3.1	20.0
1,3-Dichlorobenzene	Ave	1.404	1.355	0.6000	19.3	20.0	-3.5	20.0
1,4-Dichlorobenzene	Ave	1.520	1.389	0.5000	18.3	20.0	-8.6	20.0
1,2,3-Trimethylbenzene	Ave	2.568	2.354		18.3	20.0	-8.4	20.0
Benzyl chloride	Ave	1.334	1.278		19.2	20.0	-4.1	50.0
Indan	Ave	2.682	2.488		18.5	20.0	-7.3	20.0
p-Diethylbenzene	Ave	1.252	1.307		20.9	20.0	4.4	20.0
n-Butylbenzene	Ave	2.282	1.972		17.3	20.0	-13.6	20.0
1,2-Dichlorobenzene	Ave	1.394	1.281	0.4000	18.4	20.0	-8.1	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.944	1.847		19.0	20.0	-5.0	20.0
1,2-Dibromo-3-Chloropropane	Qua2		0.1129	0.0500	21.9	20.0	9.4	50.0
1,3,5-Trichlorobenzene	Lin2		0.8357		22.0	20.0	10.1	20.0
1,2,4-Trichlorobenzene	Ave	0.6913	0.7429	0.2000	21.5	20.0	7.5	20.0
Hexachlorobutadiene	QuaF		0.3025		23.6	20.0	18.0	20.0
Naphthalene	Ave	1.743	1.684		19.3	20.0	-3.4	50.0
1,2,3-Trichlorobenzene	Lin2		0.5548		23.7	20.0	18.7	20.0
Dibromofluoromethane (Surr)	Ave	0.2012	0.2026		50.4	50.0	0.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-135385-1
SDG No.: _____
Lab Sample ID: CCVIS 460-446090/3 Calibration Date: 06/27/2017 10:31
Instrument ID: CVOAMS8 Calib Start Date: 06/22/2017 17:20
GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 06/23/2017 02:50
Lab File ID: J573487.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
1,2-Dichloroethane-d4 (Surr)	Ave	0.2405	0.2225		46.3	50.0	-7.5	20.0
Toluene-d8 (Surr)	Ave	1.115	1.089		48.8	50.0	-2.4	20.0
4-Bromofluorobenzene	Ave	0.3420	0.3606		52.7	50.0	5.4	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\J573487.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 27-Jun-2017 10:31:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0057019-002
 Operator ID: Instrument ID: CVOAMS8
 Sublist: chrom-8260_W8*sub49
 Method: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\8260_W8.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 27-Jun-2017 17:12:58 Calib Date: 23-Jun-2017 02:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK012

First Level Reviewer: martineze

Date: 27-Jun-2017 11:00:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.585	0.585	0.000	91	5321	20.0	22.9	
2 Dichlorodifluoromethane	85	0.620	0.620	0.000	99	53536	20.0	20.0	
3 Chloromethane	50	0.820	0.820	0.000	99	37529	20.0	13.2	
4 Vinyl chloride	62	0.920	0.920	0.000	98	43620	20.0	16.5	
5 Butadiene	54	0.955	0.955	0.000	95	37874	20.0	16.8	
6 Bromomethane	94	1.260	1.260	0.000	98	25695	20.0	15.2	
7 Chloroethane	64	1.366	1.366	0.000	98	25234	20.0	16.8	
8 Dichlorofluoromethane	67	1.595	1.595	0.000	95	71150	20.0	19.8	
9 Trichlorofluoromethane	101	1.595	1.595	0.000	89	68128	20.0	22.3	
10 Pentane	72	1.642	1.642	0.000	97	11281	40.0	53.1	
11 Ethanol	46	1.895	1.895	0.000	70	5747	800.0	890.4	
12 Ethyl ether	59	1.901	1.901	0.000	92	27556	20.0	16.8	
13 2-Methyl-1,3-butadiene	53	1.913	1.913	0.000	94	31081	20.0	21.0	
14 1,2-Dichloro-1,1,2-trifluo	117	1.960	1.960	0.000	81	34925	20.0	21.8	
15 1,1,2-Trichloro-1,2,2-trif	101	2.095	2.095	0.000	98	38016	20.0	23.4	
16 Acrolein	56	2.112	2.112	0.000	26	3857	40.0	32.1	
17 1,1-Dichloroethene	96	2.148	2.148	0.000	97	37941	20.0	20.6	
18 Acetone	43	2.271	2.271	0.000	86	44121	100.0	96.0	
19 Iodomethane	142	2.324	2.324	0.000	98	45633	20.0	18.0	
20 Carbon disulfide	76	2.359	2.359	0.000	98	113744	20.0	17.4	
21 Isopropyl alcohol	45	2.394	2.394	0.000	61	15744	200.0	212.3	
25 Acetonitrile	41	2.647	2.647	0.000	99	40331	200.0	166.5	
22 3-Chloro-1-propene	76	2.547	2.547	0.000	89	21761	20.0	20.6	
23 Cyclopentene	67	2.559	2.559	0.000	91	90448	20.0	21.4	
24 Methyl acetate	43	2.571	2.571	0.000	98	107032	100.0	80.7	
26 Methylene Chloride	84	2.706	2.706	0.000	86	39574	20.0	18.0	
* 27 TBA-d9 (IS)	65	2.723	2.723	0.000	91	113056	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.817	2.817	0.000	98	23685	200.0	193.7	
29 Methyl tert-butyl ether	73	2.905	2.905	0.000	96	96530	20.0	19.1	
30 trans-1,2-Dichloroethene	96	2.935	2.935	0.000	90	40158	20.0	20.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.046	3.046	0.000	95	112701	200.0	169.3	
32 Hexane	57	3.123	3.123	0.000	94	33707	20.0	19.5	
33 Isopropyl ether	45	3.399	3.399	0.000	96	95690	20.0	16.1	
34 1,1-Dichloroethane	63	3.428	3.428	0.000	99	59782	20.0	17.0	
35 Vinyl acetate	43	3.464	3.464	0.000	99	117307	40.0	34.0	
36 2-Chloro-1,3-butadiene	88	3.487	3.487	0.000	90	34120	20.0	20.5	
37 Tert-butyl ethyl ether	59	3.787	3.787	0.000	91	98292	20.0	17.8	
38 2,2-Dichloropropane	79	4.022	4.022	0.000	70	18718	20.0	24.3	
* 39 2-Butanone-d5	46	4.028	4.028	0.000	95	133829	250.0	250.0	
40 cis-1,2-Dichloroethene	96	4.069	4.069	0.000	91	44550	20.0	19.9	
41 2-Butanone (MEK)	72	4.098	4.098	0.000	98	17103	100.0	103.8	
42 Ethyl acetate	70	4.104	4.104	0.000	95	6659	40.0	47.9	
43 Methyl acrylate	55	4.163	4.163	0.000	99	25914	20.0	16.7	
44 Propionitrile	54	4.263	4.263	0.000	98	43676	200.0	195.0	
45 Tetrahydrofuran	72	4.327	4.327	0.000	66	7175	40.0	39.5	
46 Chlorobromomethane	128	4.339	4.339	0.000	81	20374	20.0	20.7	
47 Methacrylonitrile	67	4.380	4.380	0.000	90	139998	200.0	180.5	
48 Chloroform	83	4.404	4.404	0.000	100	66199	20.0	19.5	
49 Cyclohexane	56	4.527	4.527	0.000	88	50590	20.0	19.5	
50 1,1,1-Trichloroethane	97	4.556	4.556	0.000	96	60090	20.0	20.8	
\$ 51 Dibromofluoromethane (Surr	113	4.586	4.586	0.000	98	76942	50.0	50.4	
52 Carbon tetrachloride	117	4.692	4.692	0.000	96	49181	20.0	21.2	
53 1,1-Dichloropropene	75	4.739	4.739	0.000	98	46905	20.0	18.5	
58 Isobutyl alcohol	43	4.927	4.927	0.000	69	32738	500.0	436.9	
54 Isooctane	57	4.938	4.938	0.000	93	62036	20.0	20.9	
55 Benzene	78	4.974	4.974	0.000	96	151629	20.0	17.9	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.003	5.003	0.000	96	84492	50.0	46.3	
57 Tert-amyl methyl ether	73	5.050	5.050	0.000	84	114283	20.0	19.5	
59 Isopropyl acetate	43	5.056	5.056	0.000	91	81702	20.0	15.5	
60 1,2-Dichloroethane	62	5.085	5.085	0.000	96	49777	20.0	19.4	
61 n-Heptane	57	5.156	5.156	0.000	84	14300	20.0	19.1	
* 62 Fluorobenzene	96	5.314	5.314	0.000	99	379740	50.0	50.0	
63 n-Butanol	56	5.690	5.690	0.000	86	15792	500.0	493.5	
64 Trichloroethene	95	5.714	5.714	0.000	97	38200	20.0	18.3	
65 Methylcyclohexane	83	5.843	5.843	0.000	94	45241	20.0	19.8	
66 Ethyl acrylate	55	5.861	5.861	0.000	95	68854	20.0	18.7	
67 1,2-Dichloropropane	63	6.049	6.049	0.000	89	33624	20.0	16.4	
* 68 1,4-Dioxane-d8	96	6.119	6.119	0.000	91	15938	1000.0	1000.0	
69 Methyl methacrylate	100	6.143	6.143	0.000	86	20035	40.0	40.4	
70 1,4-Dioxane	88	6.178	6.178	0.000	54	7631	400.0	617.6	
71 Dibromomethane	93	6.196	6.196	0.000	93	23217	20.0	18.9	
72 n-Propyl acetate	43	6.213	6.213	0.000	98	37188	20.0	15.4	
73 Dichlorobromomethane	83	6.372	6.372	0.000	97	47573	20.0	18.0	
75 2-Chloroethyl vinyl ether	63	6.754	6.754	0.000	75	18516	20.0	16.4	
74 2-Nitropropane	41	6.748	6.748	0.000	84	15040	40.0	32.6	
76 Epichlorohydrin	57	6.871	6.871	0.000	98	55196	400.0	420.1	
77 cis-1,3-Dichloropropene	75	6.930	6.930	0.000	89	57213	20.0	18.1	
78 4-Methyl-2-pentanone (MIBK	43	7.112	7.112	0.000	95	123741	100.0	95.8	
\$ 79 Toluene-d8 (Surr)	98	7.195	7.195	0.000	99	318850	50.0	48.8	
80 Toluene	91	7.277	7.277	0.000	93	164171	20.0	17.8	
81 trans-1,3-Dichloropropene	75	7.670	7.670	0.000	96	51144	20.0	17.7	
82 Ethyl methacrylate	69	7.694	7.694	0.000	87	39740	20.0	17.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	7.906	7.906	0.000	95	28236	20.0	16.9	
84 Tetrachloroethene	166	7.941	7.941	0.000	95	43674	20.0	21.2	
85 1,3-Dichloropropane	76	8.129	8.129	0.000	92	52276	20.0	16.7	
86 2-Hexanone	58	8.199	8.199	0.000	94	49981	100.0	97.6	
87 n-Butyl acetate	43	8.317	8.317	0.000	96	39225	20.0	14.4	
88 Chlorodibromomethane	129	8.381	8.381	0.000	97	40974	20.0	19.9	
89 Ethylene Dibromide	107	8.552	8.552	0.000	99	35444	20.0	19.0	
* 90 Chlorobenzene-d5	117	9.128	9.128	0.000	83	292874	50.0	50.0	
91 Chlorobenzene	112	9.163	9.163	0.000	97	111371	20.0	18.8	
92 Ethylbenzene	106	9.257	9.257	0.000	97	57378	20.0	19.0	
93 1,1,1,2-Tetrachloroethane	131	9.280	9.280	0.000	97	40851	20.0	19.2	
94 m-Xylene & p-Xylene	106	9.404	9.404	0.000	95	69161	20.0	18.9	
95 n-Butyl acrylate	73	9.821	9.821	0.000	98	22310	20.0	16.2	
96 o-Xylene	106	9.839	9.839	0.000	95	70807	20.0	18.9	
97 Styrene	104	9.868	9.868	0.000	97	118950	20.0	19.1	
98 Amyl acetate (mixed isomer	43	10.038	10.038	0.000	92	45050	20.0	13.6	
99 Bromoform	173	10.079	10.079	0.000	98	28172	20.0	19.9	
100 Isopropylbenzene	105	10.179	10.179	0.000	94	165346	20.0	19.3	
\$ 101 4-Bromofluorobenzene	174	10.361	10.361	0.000	96	105604	50.0	52.7	
102 Bromobenzene	156	10.485	10.485	0.000	88	49537	20.0	19.1	
103 1,1,2,2-Tetrachloroethane	83	10.520	10.520	0.000	97	37504	20.0	16.4	
104 N-Propylbenzene	91	10.532	10.532	0.000	100	177572	20.0	17.3	
105 1,2,3-Trichloropropane	110	10.561	10.561	0.000	98	12470	20.0	17.5	
106 trans-1,4-Dichloro-2-buten	53	10.573	10.573	0.000	92	9589	20.0	15.1	
108 4-Ethyltoluene	105	10.632	10.632	0.000	90	164981	20.0	18.6	
107 2-Chlorotoluene	91	10.632	10.632	0.000	93	125978	20.0	16.4	
109 1,3,5-Trimethylbenzene	105	10.685	10.685	0.000	95	131987	20.0	18.0	
110 4-Chlorotoluene	91	10.726	10.726	0.000	95	117668	20.0	17.1	
111 Butyl Methacrylate	87	10.755	10.755	0.000	88	43103	20.0	15.0	
112 tert-Butylbenzene	119	10.925	10.925	0.000	96	106216	20.0	18.5	
113 1,2,4-Trimethylbenzene	105	10.972	10.972	0.000	96	143146	20.0	18.6	
114 sec-Butylbenzene	105	11.084	11.084	0.000	99	146552	20.0	18.3	
115 4-Isopropyltoluene	119	11.184	11.184	0.000	98	136393	20.0	19.4	
116 1,3-Dichlorobenzene	146	11.202	11.202	0.000	98	86557	20.0	19.3	
* 117 1,4-Dichlorobenzene-d4	152	11.249	11.249	0.000	93	159676	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.266	11.266	0.000	96	88741	20.0	18.3	
134 1,2,3-Trimethylbenzene	105	11.278	11.278	0.000	99	150343	20.0	18.3	
119 Benzyl chloride	91	11.372	11.372	0.000	99	81655	20.0	19.2	
120 2,3-Dihydroindene	117	11.413	11.413	0.000	94	158882	20.0	18.5	
121 p-Diethylbenzene	119	11.443	11.443	0.000	97	83478	20.0	20.9	
122 n-Butylbenzene	91	11.460	11.460	0.000	98	125959	20.0	17.3	
123 1,2-Dichlorobenzene	146	11.525	11.525	0.000	98	81827	20.0	18.4	
124 1,2,4,5-Tetramethylbenzene	119	11.954	11.954	0.000	98	117956	20.0	19.0	
125 1,2-Dibromo-3-Chloropropan	155	12.048	12.048	0.000	90	7208	20.0	21.9	
126 1,3,5-Trichlorobenzene	180	12.136	12.136	0.000	96	53374	20.0	22.0	
127 1,2,4-Trichlorobenzene	180	12.576	12.576	0.000	94	47448	20.0	21.5	
128 Hexachlorobutadiene	225	12.641	12.641	0.000	97	19318	20.0	23.6	
129 Naphthalene	128	12.770	12.770	0.000	99	107580	20.0	19.3	
130 1,2,3-Trichlorobenzene	180	12.953	12.953	0.000	95	35436	20.0	23.7	
S 131 1,2-Dichloroethene, Total	100				0		40.0	39.8	
S 132 Xylenes, Total	100				0		40.0	37.8	
S 133 Total BTEX	1				0		100.0	92.5	

Reagents:

8260MIX1COMB_00058	Amount Added: 20.00	Units: uL	
GASES Li_00213	Amount Added: 20.00	Units: uL	
ACROLEIN W_00065	Amount Added: 4.00	Units: uL	
8260ISNEW_00112	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS8\\20170627-57019.b\\J573487.D

Injection Date: 27-Jun-2017 10:31:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

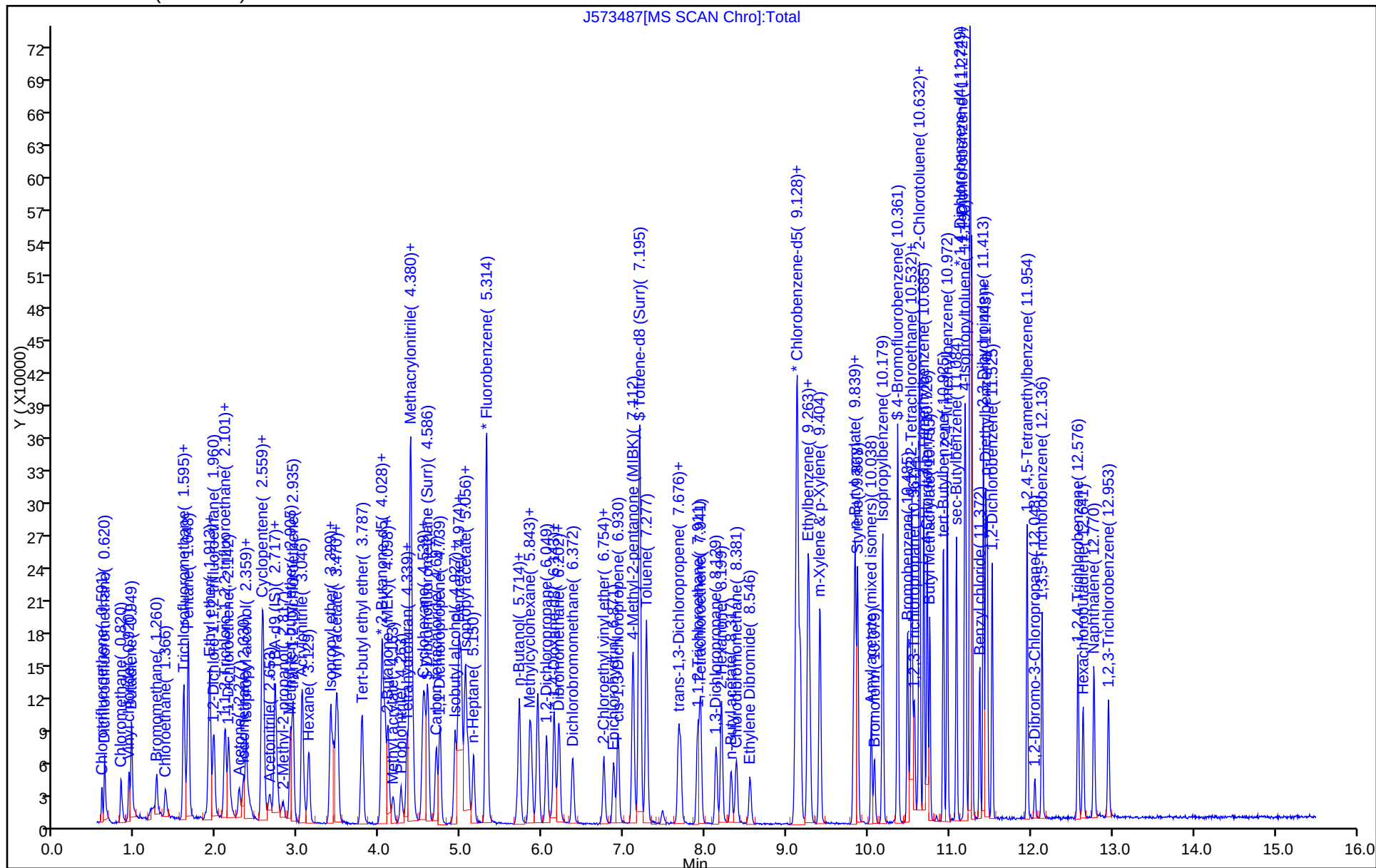
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260_W8

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26301.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 14-Apr-2017 01:13:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0053706-001
 Operator ID: Instrument ID: CVOAMS13
 Method: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 17-Apr-2017 19:12:39 Calib Date: 14-Apr-2017 08:47:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK028

First Level Reviewer: delpolitov

Date: 17-Apr-2017 19:12:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.489	3.489	0.000	1	143	NR	NR	
\$ 78 Toluene-d8 (Surr)	98	5.244	5.244	0.000	1	132	NR	NR	
\$ 139 BFB	95	2.208	2.208	0.000	94	189894	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00014

Amount Added: 1.00

Units: uL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26301.D

Injection Date: 14-Apr-2017 01:13:30

Instrument ID: CVOAMS13

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

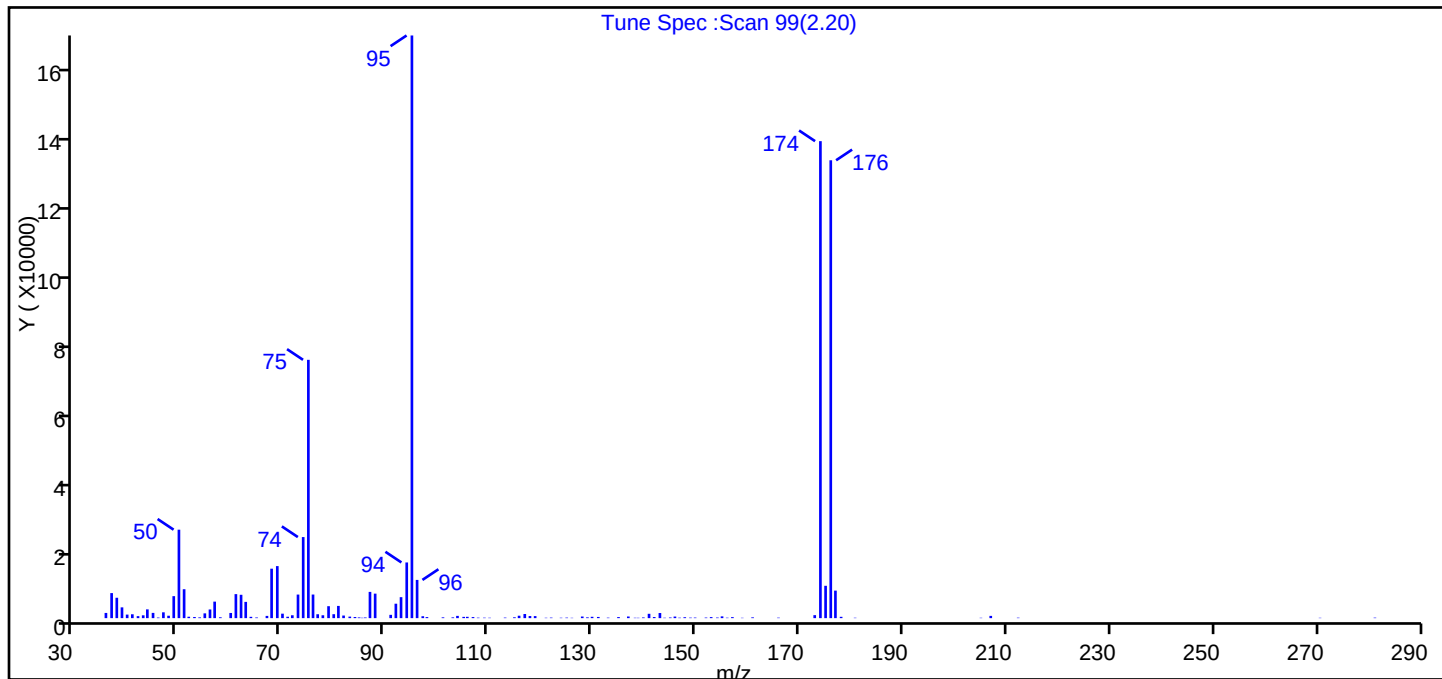
Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 139 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.2
75	30 to 60% of m/z 95	44.3
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.5 (0.6)
174	50 to 120% of m/z 95	81.9
175	5 to 9% of m/z 174	5.6 (6.8)
176	Greater than 95% but less than 101% of m/z 174	78.6 (96.0)
177	5 to 9% of m/z 176	4.7 (6.0)

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\26301.D\8260W_13.rslt\spectra.d
Injection Date: 14-Apr-2017 01:13:30
Spectrum: Tune Spec :Scan 99(2.20)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 121

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1516	69.10	15161	103.90	658	143.90	118
37.10	7297	70.10	1302	105.10	371	145.00	189
38.10	5936	71.10	409	105.80	386	145.90	460
39.10	3141	72.00	841	106.90	310	146.80	132
40.10	1034	73.10	6869	107.90	141	147.80	266
41.10	1127	74.10	23616	109.10	136	148.90	150
42.20	583	75.10	75248	110.10	118	149.80	165
43.20	827	76.00	6878	113.10	157	151.90	170
44.00	2555	76.90	1136	114.90	247	152.90	303
45.10	1530	77.90	839	115.80	706	154.10	175
46.10	170	79.00	3481	116.90	1204	155.00	514
47.10	1697	80.00	1149	117.90	612	156.00	129
48.10	702	80.90	3561	118.90	598	157.00	295
49.10	6407	81.90	760	121.00	114	158.90	103
50.10	25768	83.10	445	122.00	157	160.90	227
51.10	8425	84.10	327	123.90	119	165.90	141
52.00	409	84.90	205	125.00	155	172.90	873
53.10	326	85.50	111	126.00	100	174.00	138944
54.10	217	86.10	187	128.00	470	175.00	9421
55.10	1393	87.00	7647	129.00	228	176.00	133376
56.10	2526	88.00	7137	129.90	393	176.90	8020
57.00	4812	91.00	962	131.10	347	178.00	387
58.10	246	92.00	4205	133.00	142	180.70	115
60.10	1507	93.00	6110	135.00	308	205.00	105
61.10	6996	94.10	16223	136.90	476	206.90	658
62.10	6803	95.10	169728	138.20	112	212.20	135
63.00	4737	96.10	11135	138.80	104	270.50	102
64.00	384	97.20	551	139.80	201	281.10	142
65.10	193	98.00	306	140.90	1266		
67.10	653	101.10	227	141.90	322		
68.00	14405	103.00	225	143.00	1493		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56954.b\P30001.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 26-Jun-2017 08:32:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0056954-001
Operator ID: Instrument ID: CVOAMS13
Method: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56954.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-Jun-2017 12:26:56 Calib Date: 14-Apr-2017 08:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK033

First Level Reviewer: desais

Date: 26-Jun-2017 08:12:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 139 BFB	95	2.187	2.187	0.000	96	127154	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00014

Amount Added: 1.00

Units: uL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56954.b\P30001.D

Injection Date: 26-Jun-2017 08:32:30

Instrument ID: CVOAMS13

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

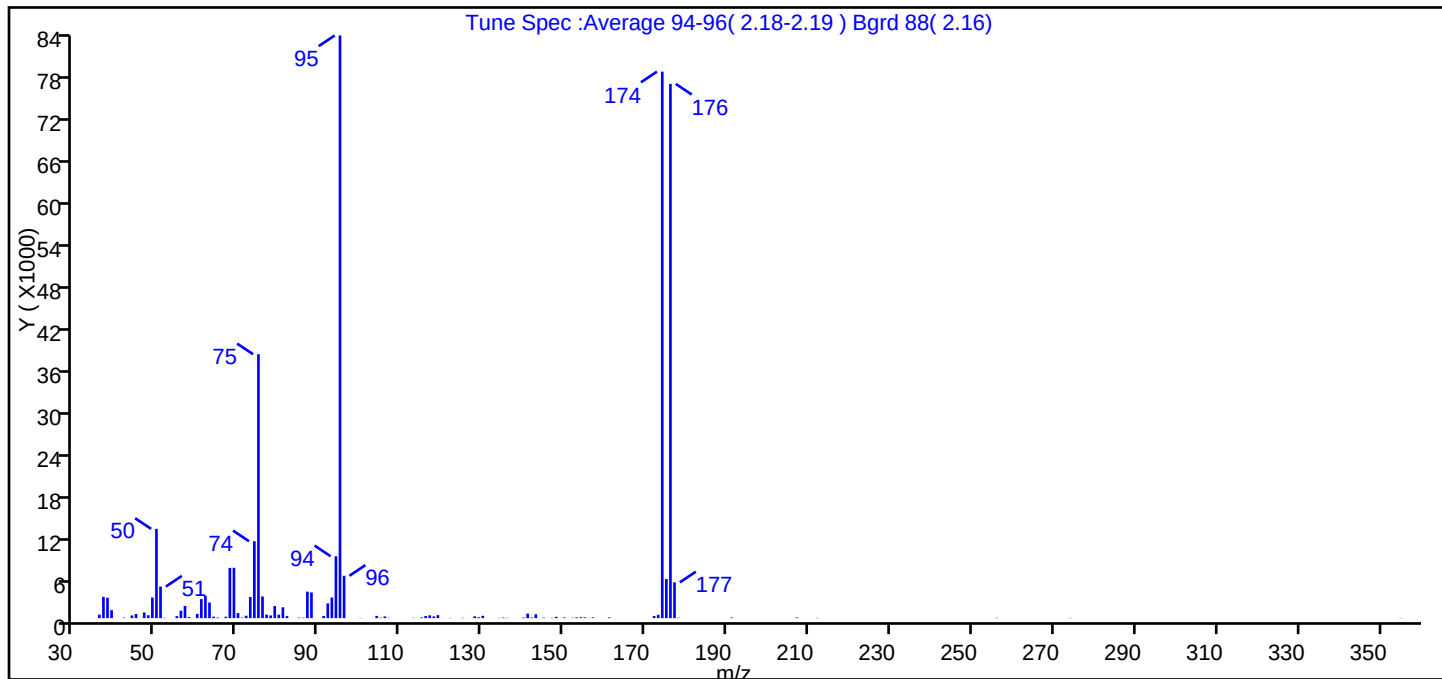
Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 139 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.3
75	30 to 60% of m/z 95	45.3
96	5 to 9% of m/z 95	7.3
173	Less than 2% of m/z 174	0.6 (0.6)
174	50 to 120% of m/z 95	93.8
175	5 to 9% of m/z 174	6.7 (7.2)
176	Greater than 95% but less than 101% of m/z 174	91.7 (97.8)
177	5 to 9% of m/z 176	6.1 (6.7)

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56954.b\P30001.D\8260W_13.rslt\spectra.d
Injection Date: 26-Jun-2017 08:32:30
Spectrum: Tune Spec :Average 94-96(2.18-2.19) Bgrd 88(2.16)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 97

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	510	69.00	7203	100.00	34	148.00	190
37.00	3047	70.00	723	104.00	323	150.00	94
38.00	2919	71.00	73	105.00	56	152.00	50
39.00	1145	72.00	343	106.00	241	153.00	106
42.00	70	73.00	3020	107.00	40	154.00	123
44.00	382	74.00	11004	113.00	51	155.00	108
45.00	599	75.00	37760	115.00	98	156.00	33
47.00	812	76.00	3096	116.00	310	157.00	101
48.00	415	77.00	505	117.00	398	161.00	101
49.00	2949	78.00	384	118.00	251	172.00	306
50.00	12774	79.00	1729	119.00	429	173.00	481
51.00	4519	80.00	496	122.00	36	174.00	78192
52.00	52	81.00	1552	125.00	50	175.00	5594
55.00	289	82.00	295	128.00	259	176.00	76440
56.00	1075	85.00	72	129.00	137	177.00	5122
57.00	1758	86.00	57	130.00	333	178.00	52
58.00	151	87.00	3791	134.00	39	191.00	90
60.00	607	88.00	3677	135.00	75	207.00	93
61.00	2724	91.00	295	136.00	46	212.00	38
62.00	3209	92.00	2110	140.00	90	256.00	50
63.00	2234	93.00	2954	141.00	648	274.00	40
64.00	213	94.00	8856	142.00	91	355.00	35
65.00	85	95.00	83368	143.00	552		
67.00	204	96.00	6061	145.00	74		
68.00	7190	97.00	4	147.00	41		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56988.b\P30026.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 26-Jun-2017 20:48:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0056988-001
Operator ID: Instrument ID: CVOAMS13
Method: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56988.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Jun-2017 09:16:07 Calib Date: 14-Apr-2017 08:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK028

First Level Reviewer: desais

Date: 27-Jun-2017 09:11:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 139 BFB	95	2.183	2.183	0.000	91	137053	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00014

Amount Added: 1.00

Units: uL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56988.b\P30026.D

Injection Date: 26-Jun-2017 20:48:30

Instrument ID: CVOAMS13

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

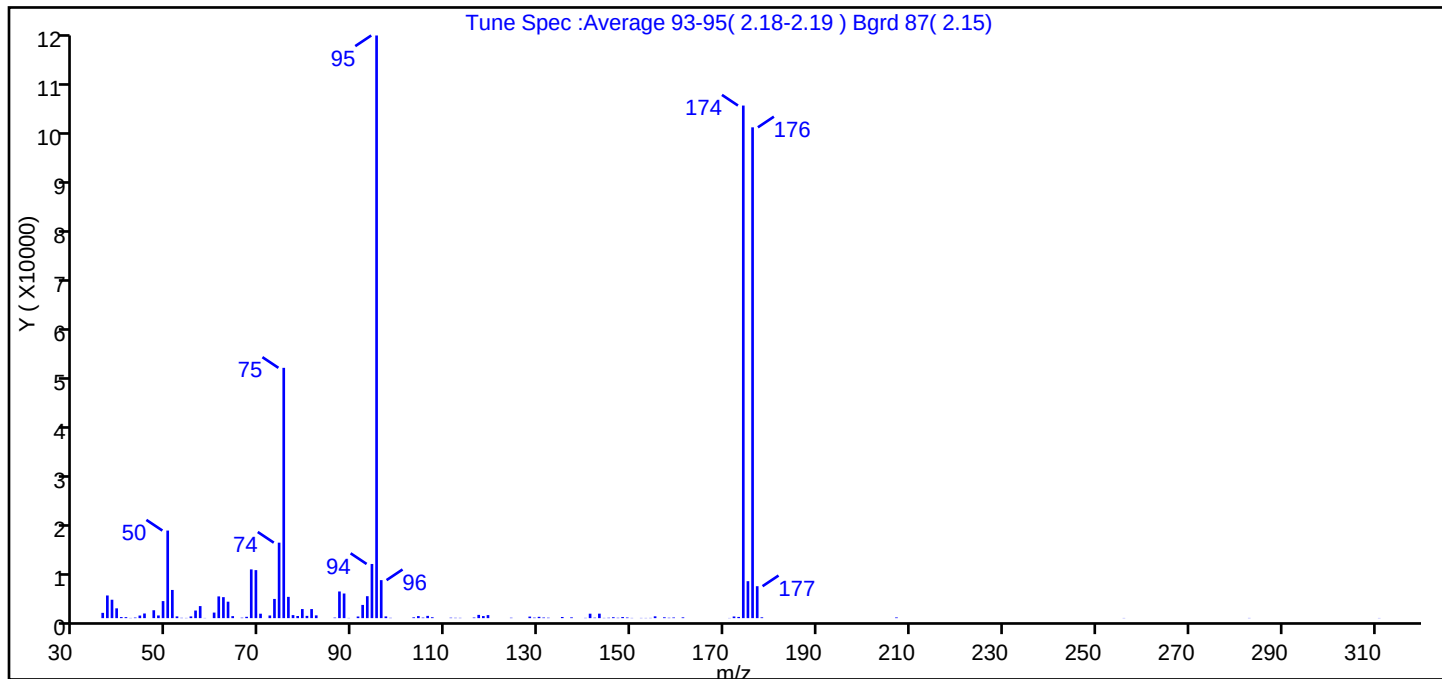
Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 139 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.0
75	30 to 60% of m/z 95	43.0
96	5 to 9% of m/z 95	6.5
173	Less than 2% of m/z 174	0.2 (0.2)
174	50 to 120% of m/z 95	88.0
175	5 to 9% of m/z 174	6.3 (7.2)
176	Greater than 95% but less than 101% of m/z 174	84.2 (95.8)
177	5 to 9% of m/z 176	5.5 (6.5)

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56988.b\P30026.D\8260W_13.rslt\spectra.d
Injection Date: 26-Jun-2017 20:48:30
Spectrum: Tune Spec :Average 93-95(2.18-2.19) Bgrd 87(2.15)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 106

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1012	66.00	87	98.00	60	146.00	172
37.00	4330	67.00	256	103.00	154	147.00	69
38.00	3516	68.00	9309	104.00	394	148.00	211
39.00	1872	69.00	9172	105.00	102	149.00	118
40.00	207	70.00	847	106.00	432	150.00	43
41.00	189	72.00	509	107.00	171	152.00	42
42.00	40	73.00	3668	111.00	86	153.00	40
43.00	109	74.00	14416	112.00	64	154.00	46
44.00	496	75.00	47808	113.00	56	155.00	346
45.00	888	76.00	4066	116.00	118	157.00	161
47.00	1508	77.00	580	117.00	623	158.00	72
48.00	513	78.00	408	118.00	397	159.00	122
49.00	3257	79.00	1736	119.00	578	161.00	148
50.00	16728	80.00	433	124.00	76	171.00	36
51.00	5386	81.00	1734	128.00	296	172.00	315
52.00	333	82.00	529	129.00	100	173.00	233
53.00	60	86.00	100	130.00	251	174.00	97904
54.00	42	87.00	5094	131.00	118	175.00	7061
55.00	329	88.00	4705	132.00	82	176.00	93744
56.00	1454	89.00	40	135.00	218	177.00	6101
57.00	2302	91.00	313	137.00	149	178.00	158
58.00	38	92.00	2526	140.00	52	207.00	133
60.00	1061	93.00	4193	141.00	849	256.00	35
61.00	4153	94.00	10347	142.00	91	283.00	39
62.00	4009	95.00	111288	143.00	858	311.00	33
63.00	3143	96.00	7260	144.00	46		
64.00	382	97.00	328	145.00	75		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573267.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 22-Jun-2017 16:49:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0056810-001
Operator ID: Instrument ID: CVOAMS8
Method: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Jun-2017 10:33:42 Calib Date: 23-Jun-2017 02:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: desais

Date: 23-Jun-2017 09:38:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 135 BFB	95	4.483	4.483	0.000	92	22344	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00014

Amount Added: 1.00

Units: uL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573267.D

Injection Date: 22-Jun-2017 16:49:30

Instrument ID: CVOAMS8

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 5.0 mL

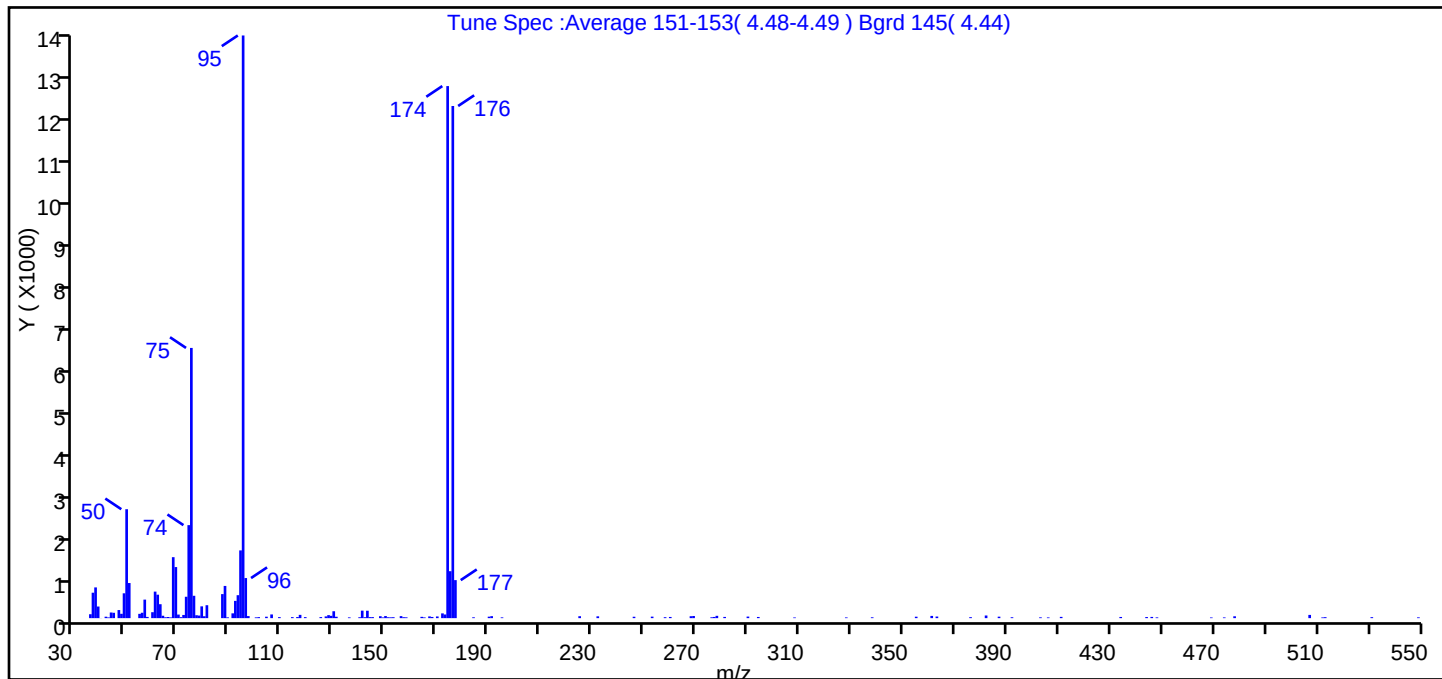
Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 135 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.7
75	30 to 60% of m/z 95	46.4
96	5 to 9% of m/z 95	6.9
173	Less than 2% of m/z 174	0.6 (0.7)
174	50 to 120% of m/z 95	91.3
175	5 to 9% of m/z 174	8.1 (8.8)
176	Greater than 95% but less than 101% of m/z 174	87.9 (96.3)
177	5 to 9% of m/z 176	6.5 (7.4)

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573267.D\8260_W8.rslt\spectra.d
Injection Date: 22-Jun-2017 16:49:30
Spectrum: Tune Spec :Average 151-153(4.48-4.49) Bgrd 145(4.44)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 135

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	93	76.00	531	142.00	22	268.00	46
37.00	604	77.00	69	143.00	176	269.00	51
38.00	730	78.00	61	144.00	24	276.00	20
39.00	276	79.00	280	145.00	25	277.00	28
40.00	2	80.00	45	148.00	46	278.00	55
42.00	34	81.00	307	149.00	17	281.00	29
43.00	17	87.00	571	150.00	50	290.00	37
44.00	134	88.00	765	151.00	21	294.00	28
45.00	127	89.00	19	152.00	19	308.00	16
47.00	192	91.00	114	153.00	22	328.00	17
48.00	103	92.00	410	156.00	48	338.00	20
49.00	590	93.00	545	157.00	22	355.00	34
50.00	2587	94.00	1609	158.00	19	361.00	53
51.00	834	95.00	13839	164.00	31	363.00	38
55.00	102	96.00	952	165.00	17	376.00	23
56.00	128	97.00	49	167.00	41	382.00	63
57.00	440	100.00	18	168.00	28	387.00	35
58.00	29	101.00	24	170.00	40	392.00	21
60.00	141	104.00	34	172.00	113	403.00	19
61.00	630	106.00	88	173.00	87	406.00	17
62.00	557	109.00	24	174.00	12637	411.00	30
63.00	331	114.00	24	175.00	1115	434.00	28
64.00	57	116.00	26	176.00	12164	444.00	26
65.00	21	117.00	78	177.00	903	446.00	29
66.00	27	119.00	24	184.00	20	448.00	18
67.00	17	125.00	25	190.00	35	469.00	16
68.00	1448	127.00	41	191.00	47	474.00	17
69.00	1213	128.00	71	195.00	18	478.00	44
70.00	85	129.00	55	225.00	46	507.00	77
71.00	23	130.00	164	232.00	43	512.00	17
72.00	76	131.00	33	246.00	33	513.00	23
73.00	508	136.00	18	253.00	36	531.00	23
74.00	2209	140.00	21	258.00	22	549.00	19

Report Date: 23-Jun-2017 10:33:42

Chrom Revision: 2.2 20-Jun-2017 07:42:38

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573267.D\8260_W8.rslt\spectra.d

Injection Date: 22-Jun-2017 16:49:30

Spectrum: Tune Spec :Average 151-153(4.48-4.49) Bgrd 145(4.44)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 135

m/z	Y	m/z	Y	m/z	Y	m/z	Y
75.00	6418	141.00	178	260.00	28		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\J573485.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 27-Jun-2017 09:38:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0057019-001
Operator ID: Instrument ID: CVOAMS8
Method: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\8260_W8.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Jun-2017 12:02:25 Calib Date: 23-Jun-2017 02:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK014

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 135 BFB	95	4.481	4.481	0.000	93	19768	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00014

Amount Added: 1.00

Units: uL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\J573485.D

Injection Date: 27-Jun-2017 09:38:30

Instrument ID: CVOAMS8

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 5.0 mL

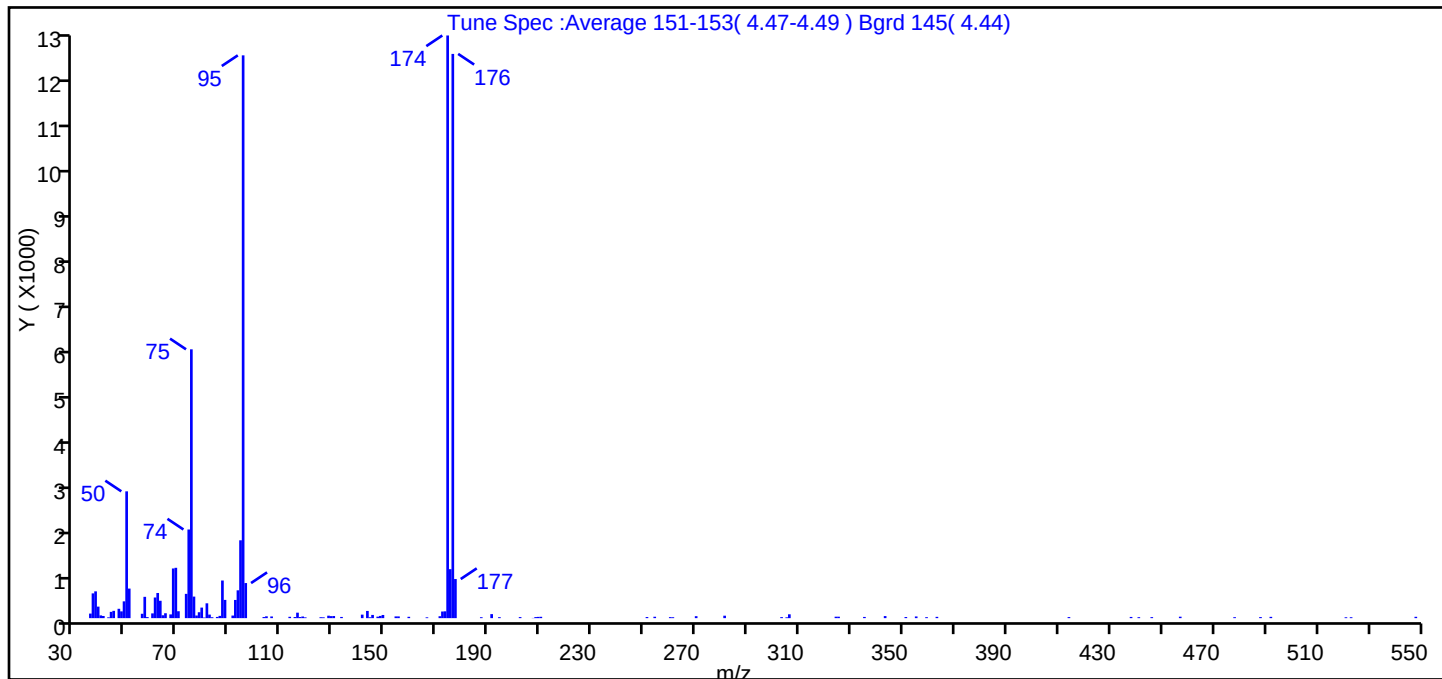
Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 135 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	22.5
75	30 to 60% of m/z 95	47.8
96	5 to 9% of m/z 95	6.2
173	Less than 2% of m/z 174	1.2 (1.2)
174	50 to 120% of m/z 95	103.5
175	5 to 9% of m/z 174	8.7 (8.4)
176	Greater than 95% but less than 101% of m/z 174	100.3 (96.8)
177	5 to 9% of m/z 176	7.0 (6.9)

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\J573485.D\8260_W8.rslt\spectra.d
Injection Date: 27-Jun-2017 09:38:30
Spectrum: Tune Spec :Average 151-153(4.47-4.49) Bgrd 145(4.44)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 117

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	95	76.00	449	129.00	42	254.00	29
37.00	516	77.00	55	130.00	44	260.00	21
38.00	558	78.00	123	133.00	25	261.00	19
39.00	240	79.00	220	141.00	73	270.00	41
40.00	57	80.00	12	143.00	150	281.00	51
41.00	45	81.00	309	144.00	18	303.00	21
43.00	17	82.00	74	145.00	67	305.00	17
44.00	131	83.00	19	147.00	31	306.00	80
45.00	152	85.00	25	148.00	46	324.00	30
47.00	195	86.00	47	149.00	66	325.00	30
48.00	141	87.00	784	154.00	36	335.00	25
49.00	350	88.00	380	155.00	36	343.00	43
50.00	2642	91.00	54	159.00	28	351.00	23
51.00	616	92.00	379	166.00	17	355.00	35
56.00	91	93.00	580	171.00	40	359.00	20
57.00	444	94.00	1622	172.00	138	363.00	27
58.00	22	95.00	11726	173.00	142	414.00	22
60.00	99	96.00	731	174.00	12140	438.00	25
61.00	430	103.00	23	175.00	1020	441.00	20
62.00	524	104.00	38	176.00	11756	446.00	21
63.00	362	106.00	35	177.00	815	457.00	30
64.00	60	113.00	28	187.00	19	478.00	20
65.00	102	115.00	23	191.00	84	488.00	22
67.00	78	116.00	114	194.00	20	492.00	27
68.00	1035	117.00	23	202.00	22	521.00	18
69.00	1049	118.00	34	207.00	4	523.00	19
70.00	144	119.00	16	208.00	22	548.00	28
73.00	506	125.00	19	209.00	26		
74.00	1847	126.00	17	210.00	28		
75.00	5601	128.00	51	251.00	23		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-135385-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-445791/7

Matrix: Water Lab File ID: P30007.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 06/26/2017 11:14

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.: 445791 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.: 460-135385-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-445791/7
 Matrix: Water Lab File ID: P30007.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 06/26/2017 11:14
 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.: 445791 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	5.0	U	5.0	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		74-132
460-00-4	4-Bromofluorobenzene	86		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120
1868-53-7	Dibromofluoromethane (Surr)	93		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56954.b\P30007.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 26-Jun-2017 11:14:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0056954-007
 Operator ID: Instrument ID: CVOAMS13
 Method: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56954.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Jun-2017 12:26:57 Calib Date: 14-Apr-2017 08:47:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK033

First Level Reviewer: desais

Date: 26-Jun-2017 12:24:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.081	2.088	-0.007	99	289129	1000.0	1000.0	
\$ 47 Dibromofluoromethane (Surr	113	3.070	3.062	0.008	98	147227	50.0	46.4	
* 49 2-Butanone-d5	46	3.127	3.127	0.000	98	379598	250.0	250.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.471	3.471	0.000	94	156205	50.0	43.9	
* 62 Fluorobenzene	96	3.714	3.714	0.000	99	878237	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.595	4.595	0.000	94	39894	1000.0	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.261	5.261	0.000	99	622934	50.0	47.1	
* 92 Chlorobenzene-d5	117	7.138	7.138	0.000	85	664612	50.0	50.0	
\$ 103 4-Bromofluorobenzene	174	8.922	8.922	0.000	95	200746	50.0	43.0	
* 119 1,4-Dichlorobenzene-d4	152	10.684	10.684	0.000	94	375741	50.0	50.0	

Reagents:

8260ISNEW_00112	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS13\\20170626-56954.b\\P30007.D

Injection Date: 26-Jun-2017 11:14:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: MB

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

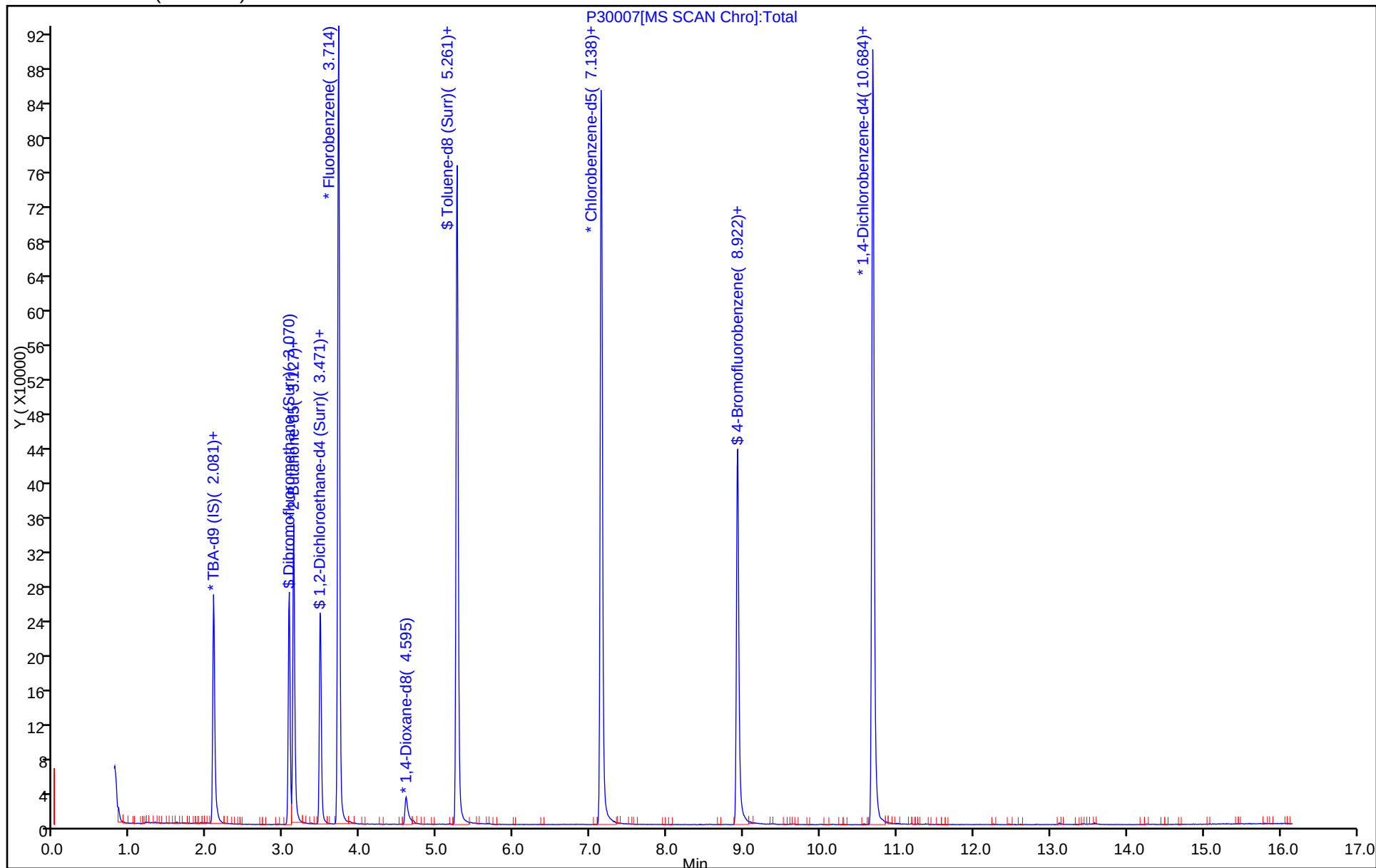
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260W_13

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.: 460-135385-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-445936/8

Matrix: Water Lab File ID: P30033.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 06/27/2017 01:16

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.: 445936 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.: 460-135385-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-445936/8
 Matrix: Water Lab File ID: P30033.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 06/27/2017 01:16
 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.: 445936 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	5.0	U	5.0	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		74-132
460-00-4	4-Bromofluorobenzene	87		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120
1868-53-7	Dibromofluoromethane (Surr)	92		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56988.b\P30033.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 27-Jun-2017 01:16:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0056988-008
 Operator ID: Instrument ID: CVOAMS13
 Method: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56988.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 27-Jun-2017 16:18:16 Calib Date: 14-Apr-2017 08:47:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK012

First Level Reviewer: baronm

Date: 27-Jun-2017 16:18:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.081	2.088	-0.007	99	302469	1000.0	1000.0	
\$ 47 Dibromofluoromethane (Surr	113	3.070	3.062	0.008	97	147099	50.0	45.8	
* 49 2-Butanone-d5	46	3.127	3.127	0.000	98	389834	250.0	250.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.471	3.471	0.000	94	157340	50.0	43.7	
* 62 Fluorobenzene	96	3.714	3.714	0.000	99	888833	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.595	4.595	0.000	94	42451	1000.0	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.261	5.261	0.000	99	639862	50.0	47.1	
* 92 Chlorobenzene-d5	117	7.138	7.138	0.000	84	683181	50.0	50.0	
\$ 103 4-Bromofluorobenzene	174	8.922	8.922	0.000	96	208095	50.0	43.4	
* 119 1,4-Dichlorobenzene-d4	152	10.684	10.684	0.000	93	382513	50.0	50.0	

Reagents:

8260ISNEW_00112	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56988.b\P30033.D

Injection Date: 27-Jun-2017 01:16:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: MB

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

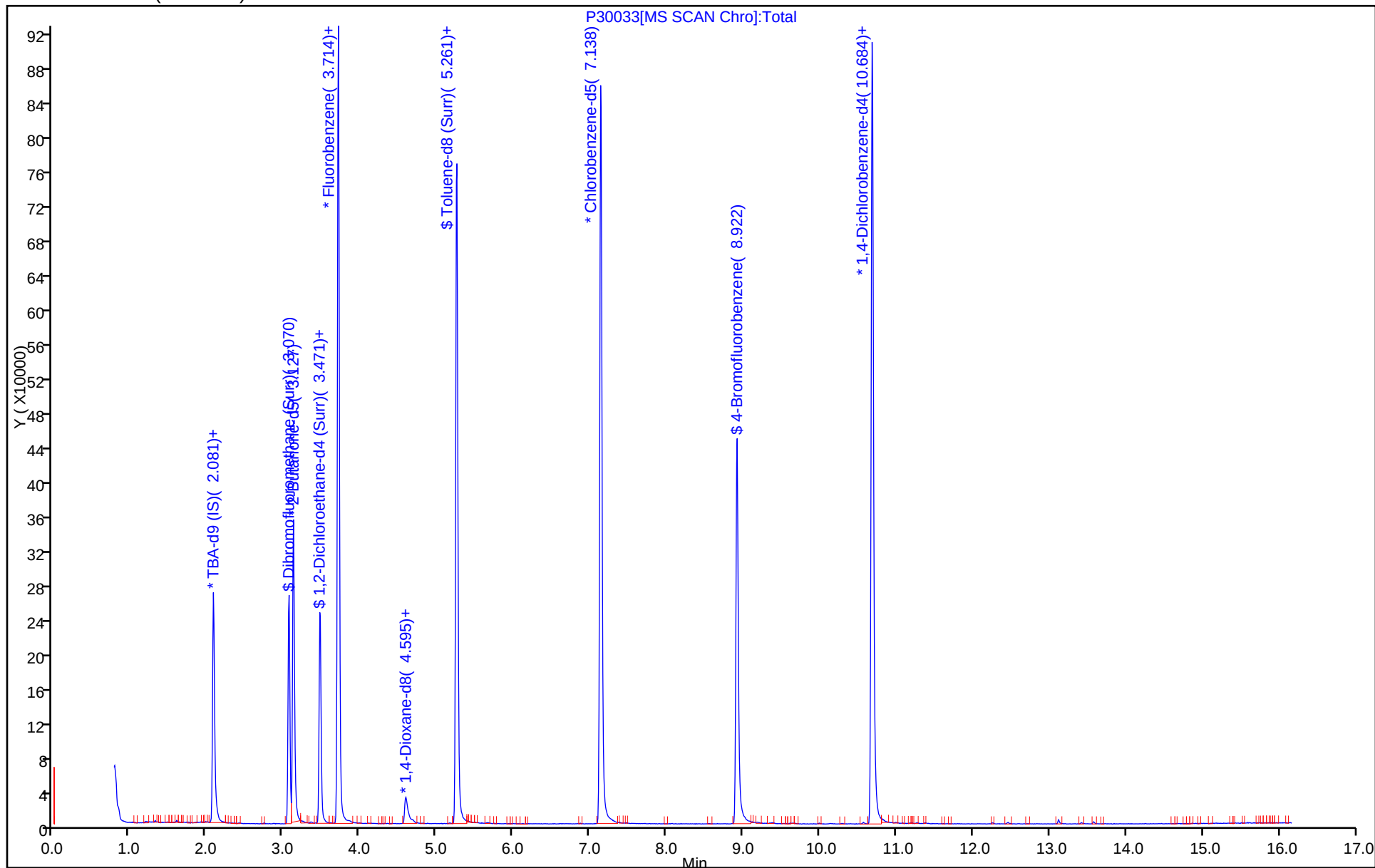
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260W_13

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.: 460-135385-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-446090/8

Matrix: Water Lab File ID: J573492.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 06/27/2017 12:42

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.: 446090 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.: 460-135385-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-446090/8

Matrix: Water Lab File ID: J573492.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 06/27/2017 12:42

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.: 446090 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	5.0	U	5.0	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		74-132
460-00-4	4-Bromofluorobenzene	102		77-124
2037-26-5	Toluene-d8 (Surr)	93		80-120
1868-53-7	Dibromofluoromethane (Surr)	104		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\J573492.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 27-Jun-2017 12:42:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0057019-008
 Operator ID: Instrument ID: CVOAMS8
 Method: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\8260_W8.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 27-Jun-2017 14:08:36 Calib Date: 23-Jun-2017 02:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK014

First Level Reviewer: martineze

Date: 27-Jun-2017 14:08:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.718	2.726	-0.008	80	104404	1000.0	1000.0	
* 39 2-Butanone-d5	46	4.034	4.036	-0.002	87	122469	250.0	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.592	4.595	-0.003	97	72503	50.0	51.8	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.004	5.000	0.004	95	79913	50.0	47.7	
* 62 Fluorobenzene	96	5.315	5.311	0.004	99	348200	50.0	50.0	
* 68 1,4-Dioxane-d8	96	6.120	6.128	-0.008	94	14686	1000.0	1000.0	
\$ 79 Toluene-d8 (Surr)	98	7.195	7.192	0.003	99	280356	50.0	46.6	
* 90 Chlorobenzene-d5	117	9.128	9.125	0.003	83	269614	50.0	50.0	
\$ 101 4-Bromofluorobenzene	174	10.362	10.364	-0.002	97	94381	50.0	51.2	
* 117 1,4-Dichlorobenzene-d4	152	11.255	11.257	-0.002	93	149456	50.0	50.0	

Reagents:

8260ISNEW_00112	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\J573492.D

Injection Date: 27-Jun-2017 12:42:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: MB

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

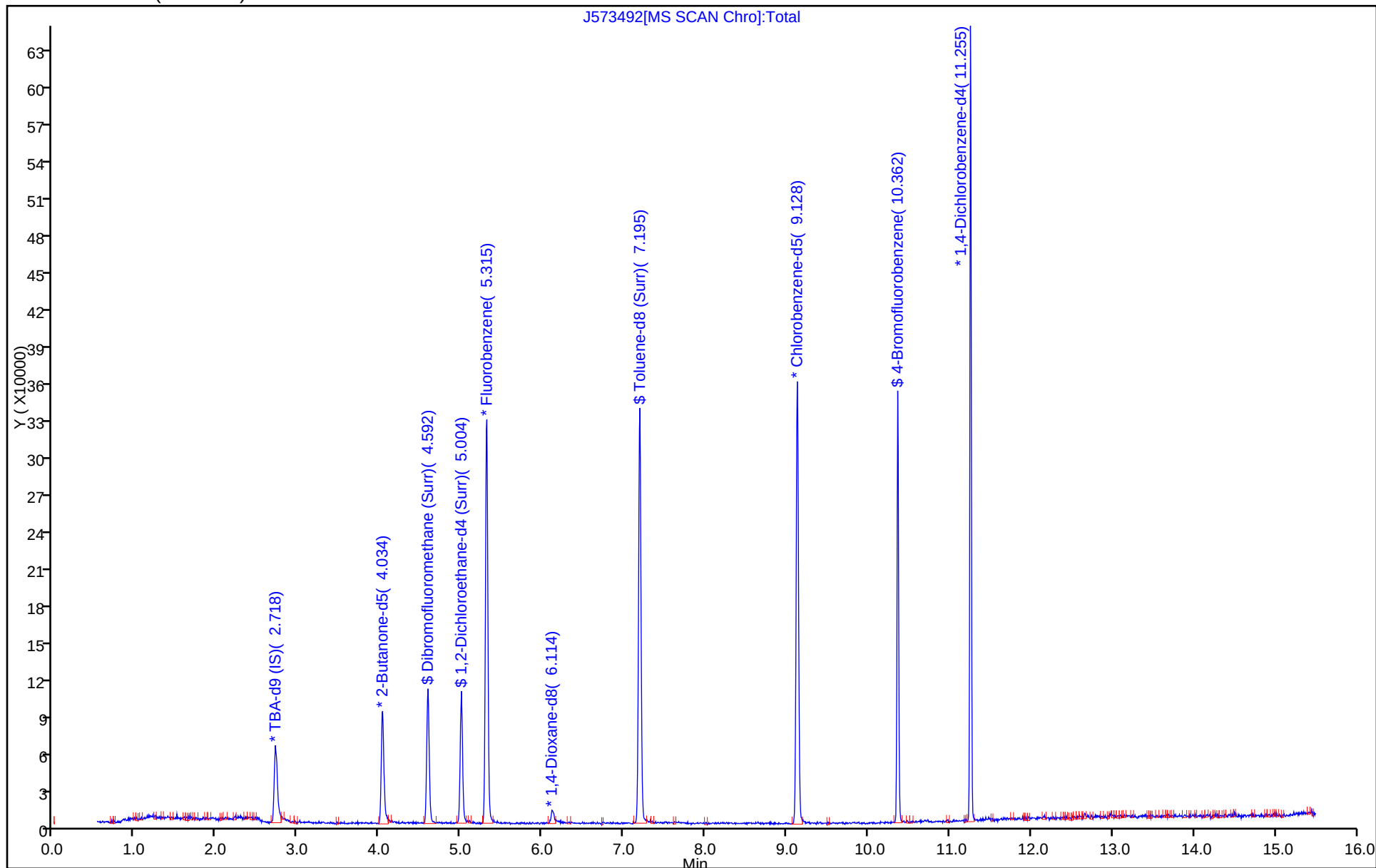
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260_W8

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.: 460-135385-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-445791/3

Matrix: Water Lab File ID: P30003.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 06/26/2017 09:21

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.: 445791 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	64.3		50	1.1
75-05-8	Acetonitrile	258		10	1.3
71-43-2	Benzene	19.2		1.0	0.090
100-44-7	Benzyl chloride	13.6		10	0.15
75-27-4	Bromodichloromethane	16.7	J	50	0.15
75-25-2	Bromoform	15.0		5.0	0.18
74-83-9	Bromomethane	18.0		5.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	89.2		5.0	0.63
75-15-0	Carbon disulfide	13.8	J	60	0.22
56-23-5	Carbon tetrachloride	14.9		5.0	0.33
108-90-7	Chlorobenzene	19.0		5.0	0.24
75-00-3	Chloroethane	18.1		5.0	0.37
110-75-8	2-Chloroethyl vinyl ether	16.2	J	20	0.17
67-66-3	Chloroform	17.6		7.0	0.22
74-87-3	Chloromethane	19.7		5.0	0.22
10061-01-5	cis-1,3-Dichloropropene	17.2		1.0	0.16
124-48-1	Dibromochloromethane	16.4	J	50	0.22
74-95-3	Dibromomethane	17.4		5.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	16.2		1.0	0.23
95-50-1	1,2-Dichlorobenzene	18.6		3.0	0.22
541-73-1	1,3-Dichlorobenzene	18.5		3.0	0.33
106-46-7	1,4-Dichlorobenzene	17.9		3.0	0.33
75-71-8	Dichlorodifluoromethane	9.80		5.0	0.14
75-34-3	1,1-Dichloroethane	18.7		5.0	0.24
107-06-2	1,2-Dichloroethane	16.7		1.0	0.25
75-35-4	1,1-Dichloroethene	15.4		5.0	0.34
540-59-0	1,2-Dichloroethene, Total	34.5		2.0	0.18
78-87-5	1,2-Dichloropropane	19.7		1.0	0.18
100-41-4	Ethylbenzene	18.6		5.0	0.30
78-93-3	2-Butanone (MEK)	80.8		50	2.2
75-09-2	Methylene Chloride	17.3		5.0	0.21
80-62-6	Methyl methacrylate	35.3	J	50	0.21
179601-23-1	m&p-Xylene	18.4		10	0.28
95-47-6	o-Xylene	18.5		5.0	0.32
100-42-5	Styrene	18.0		5.0	0.17
630-20-6	1,1,1,2-Tetrachloroethane	16.3		5.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-135385-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-445791/3

Matrix: Water Lab File ID: P30003.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 06/26/2017 09:21

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.: 445791 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	18.6		5.0	0.19
127-18-4	Tetrachloroethene	17.6		5.0	0.12
156-60-5	trans-1,2-Dichloroethene	16.8		5.0	0.18
10061-02-6	trans-1,3-Dichloropropene	16.6		1.0	0.19
71-55-6	1,1,1-Trichloroethane	15.5		5.0	0.28
79-00-5	1,1,2-Trichloroethane	18.6		1.0	0.080
79-01-6	Trichloroethene	18.0		5.0	0.22
96-18-4	1,2,3-Trichloropropane	16.9		1.0	0.36
108-88-3	Toluene	17.9		5.0	0.25
108-05-4	Vinyl acetate	35.8		5.0	0.48
75-01-4	Vinyl chloride	18.0		2.0	0.060
1330-20-7	Xylenes, Total	36.9		15	0.28
591-78-6	2-Hexanone	92.5		50	0.72
156-59-2	cis-1,2-Dichloroethene	17.7		5.0	0.26
106-93-4	1,2-Dibromoethane	17.7		5.0	0.19
97-63-2	Ethyl methacrylate	16.8		5.0	0.12
74-88-4	Iodomethane	10.6		5.0	0.19
110-57-6	trans-1,4-Dichloro-2-butene	17.1		5.0	0.18
126-98-7	Methacrylonitrile	207		5.0	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		74-132
460-00-4	4-Bromofluorobenzene	95		77-124
2037-26-5	Toluene-d8 (Surr)	98		80-120
1868-53-7	Dibromofluoromethane (Surr)	96		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56954.b\P30003.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 26-Jun-2017 09:21:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0056954-003
 Operator ID: Instrument ID: CVOAMS13
 Method: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56954.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Jun-2017 14:13:10 Calib Date: 14-Apr-2017 08:47:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: desais

Date: 26-Jun-2017 08:47:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.871	0.871	0.000	87	16635	20.0	7.96	
2 Dichlorodifluoromethane	85	0.885	0.885	0.000	99	54528	20.0	9.80	
5 Vinyl chloride	62	1.021	1.021	0.000	97	95971	20.0	18.0	
4 Chloromethane	50	1.028	1.028	0.000	69	129577	20.0	19.7	
3 Butadiene	54	1.028	1.028	0.000	95	60591	20.0	14.3	
6 Bromomethane	94	1.186	1.186	0.000	99	40006	20.0	18.0	
7 Chloroethane	64	1.243	1.243	0.000	99	46665	20.0	18.1	
9 Pentane	72	1.315	1.315	0.000	96	17372	40.0	25.4	
8 Trichlorofluoromethane	101	1.315	1.315	0.000	64	69513	20.0	11.4	
10 Dichlorofluoromethane	67	1.351	1.350	0.001	99	134716	20.0	18.6	
11 2-Methyl-1,3-butadiene	67	1.472	1.472	0.000	95	82175	20.0	18.0	
12 Ethyl ether	59	1.480	1.479	0.001	95	62112	20.0	16.6	
13 Ethanol	46	1.565	1.573	-0.008	100	15524	800.0	887.1	
15 1,2-Dichloro-1,1,2-trifluo	67	1.580	1.580	0.000	85	72695	20.0	15.7	
14 1,1-Dichloroethene	96	1.580	1.580	0.000	96	60626	20.0	15.4	
16 Carbon disulfide	76	1.601	1.601	0.000	99	202893	20.0	13.8	
17 1,1,2-Trichloro-1,2,2-trif	101	1.608	1.608	0.000	90	51881	20.0	14.7	
18 Iodomethane	142	1.666	1.658	0.008	96	58824	20.0	10.6	
19 Cyclopentene	67	1.745	1.744	0.001	95	153851	20.0	15.3	
20 Acrolein	56	1.766	1.766	0.000	95	22830	40.0	43.1	
21 3-Chloro-1-propene	76	1.845	1.845	0.000	95	41037	20.0	16.3	
22 Isopropyl alcohol	45	1.866	1.873	-0.007	98	38846	200.0	201.5	
23 Methylene Chloride	84	1.909	1.909	0.000	90	83711	20.0	17.3	
24 Acetone	43	1.931	1.931	0.000	89	80162	100.0	64.3	
25 trans-1,2-Dichloroethene	96	2.002	1.995	0.007	92	74303	20.0	16.8	
26 Methyl acetate	43	2.010	2.009	0.001	98	236232	100.0	90.4	
27 Hexane	57	2.053	2.052	0.001	76	115092	20.0	15.5	
28 Methyl tert-butyl ether	73	2.067	2.067	0.000	95	205422	20.0	16.2	
* 29 TBA-d9 (IS)	65	2.088	2.088	0.000	99	301253	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.131	2.138	-0.007	100	61904	200.0	181.9	
31 Acetonitrile	41	2.217	2.217	0.000	100	96622	200.0	257.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Isopropyl ether	45	2.303	2.303	0.000	97	249099	20.0	20.3	
33 2-Chloro-1,3-butadiene	88	2.361	2.360	0.001	87	66420	20.0	18.1	
34 1,1-Dichloroethane	63	2.375	2.375	0.000	100	136570	20.0	18.7	
35 Acrylonitrile	53	2.404	2.403	0.001	95	291480	200.0	200.7	
36 Tert-butyl ethyl ether	59	2.540	2.540	0.000	89	229441	20.0	17.8	
37 Vinyl acetate	43	2.547	2.547	0.000	100	310281	40.0	35.8	
38 cis-1,2-Dichloroethene	96	2.733	2.733	0.000	99	89012	20.0	17.7	
39 2,2-Dichloropropane	77	2.805	2.805	0.000	97	93684	20.0	14.5	
40 Cyclohexane	56	2.869	2.869	0.000	88	104149	20.0	17.9	
41 Chlorobromomethane	128	2.869	2.869	0.000	91	45599	20.0	18.5	
42 Chloroform	83	2.934	2.933	0.001	100	127220	20.0	17.6	
43 Carbon tetrachloride	117	3.027	3.027	0.000	97	77812	20.0	14.9	
44 Ethyl acetate	70	3.034	3.034	0.000	99	17843	40.0	35.2	
45 Methyl acrylate	55	3.034	3.034	0.000	98	66299	20.0	19.4	
46 Tetrahydrofuran	42	3.048	3.048	0.000	95	55444	40.0	36.5	
\$ 47 Dibromofluoromethane (Surr	113	3.063	3.062	0.001	98	149565	50.0	47.9	
48 1,1,1-Trichloroethane	97	3.077	3.077	0.000	97	98589	20.0	15.5	
* 49 2-Butanone-d5	46	3.127	3.127	0.000	98	397270	250.0	250.0	
50 2-Butanone (MEK)	72	3.163	3.163	0.000	99	50252	100.0	80.8	
51 1,1-Dichloropropene	75	3.170	3.170	0.000	98	101869	20.0	17.1	
52 Isooctane	57	3.263	3.263	0.000	98	146810	20.0	16.5	
53 n-Heptane	57	3.356	3.356	0.000	91	36118	20.0	16.7	
54 Benzene	78	3.363	3.363	0.000	95	334269	20.0	19.2	
55 Propionitrile	54	3.385	3.385	0.000	96	108870	200.0	239.2	
56 Methacrylonitrile	67	3.399	3.406	-0.007	89	347646	200.0	206.7	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.471	3.471	0.000	94	156419	50.0	44.6	
58 Tert-amyl methyl ether	73	3.478	3.478	0.000	99	215569	20.0	17.6	
59 1,2-Dichloroethane	62	3.528	3.528	0.000	97	94462	20.0	16.7	
60 Isobutyl alcohol	43	3.593	3.600	-0.007	96	60829	500.0	484.4	
61 t-Amyl alcohol	59	3.664	3.671	-0.007	96	42169	200.0	135.6	
* 62 Fluorobenzene	96	3.714	3.714	0.000	99	865490	50.0	50.0	
63 Isopropyl acetate	43	3.779	3.779	0.000	99	120925	20.0	17.5	
64 Methylcyclohexane	83	3.843	3.843	0.000	93	98592	20.0	17.3	
65 Trichloroethene	130	3.865	3.865	0.000	96	87308	20.0	18.0	
66 2-ethoxy-2-methyl butane	59	4.101	4.108	-0.007	96	170271	20.0	16.8	
67 Dibromomethane	93	4.237	4.237	0.000	93	49418	20.0	17.4	
68 n-Butanol	56	4.237	4.237	0.000	55	39936	500.0	497.2	
69 1,2-Dichloropropane	63	4.330	4.330	0.000	95	85526	20.0	19.7	
70 Ethyl acrylate	55	4.402	4.402	0.000	98	86539	20.0	17.9	
71 Dichlorobromomethane	83	4.409	4.409	0.000	99	92369	20.0	16.7	
* 72 1,4-Dioxane-d8	96	4.595	4.595	0.000	39	46159	1000.0	1000.0	
73 Methyl methacrylate	100	4.603	4.602	0.001	87	43559	40.0	35.3	
74 1,4-Dioxane	88	4.631	4.624	0.007	91	20060	400.0	377.8	
75 n-Propyl acetate	43	4.760	4.760	0.000	97	91676	20.0	17.9	
76 2-Chloroethyl vinyl ether	63	5.032	5.032	0.000	96	21459	20.0	16.2	
77 cis-1,3-Dichloropropene	75	5.061	5.061	0.000	89	121525	20.0	17.2	
\$ 78 Toluene-d8 (Surr)	98	5.262	5.261	0.001	99	650740	50.0	49.0	
79 Toluene	91	5.312	5.312	0.000	93	358466	20.0	17.9	
80 Epichlorohydrin	57	5.340	5.347	-0.007	99	148199	400.0	360.8	
81 2-Nitropropane	41	5.570	5.569	0.001	98	24238	40.0	25.3	
82 Tetrachloroethene	166	5.749	5.749	0.000	96	89721	20.0	17.6	
83 4-Methyl-2-pentanone (MIBK	43	5.784	5.784	0.000	94	333438	100.0	89.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 trans-1,3-Dichloropropene	75	5.820	5.820	0.000	91	107614	20.0	16.6	
85 1,1,2-Trichloroethane	83	5.992	5.999	-0.007	96	61422	20.0	18.6	
86 Ethyl methacrylate	69	6.071	6.071	0.000	88	95310	20.0	16.8	
87 Chlorodibromomethane	129	6.193	6.200	-0.007	98	74844	20.0	16.4	
88 1,3-Dichloropropane	76	6.315	6.314	0.001	91	131485	20.0	19.5	
89 Ethylene Dibromide	107	6.443	6.451	-0.008	100	74632	20.0	17.7	
90 n-Butyl acetate	43	6.787	6.787	0.000	98	89440	20.0	16.6	
91 2-Hexanone	43	6.852	6.852	0.000	94	228513	100.0	92.5	
* 92 Chlorobenzene-d5	117	7.138	7.138	0.000	85	667889	50.0	50.0	
93 Chlorobenzene	112	7.160	7.160	0.000	97	244799	20.0	19.0	
94 Ethylbenzene	106	7.246	7.246	0.000	98	126910	20.0	18.6	
95 1,1,1,2-Tetrachloroethane	131	7.274	7.274	0.000	94	72951	20.0	16.3	
96 m-Xylene & p-Xylene	106	7.461	7.461	0.000	95	154931	20.0	18.4	
97 o-Xylene	106	8.048	8.055	-0.007	95	149219	20.0	18.5	
98 Bromoform	173	8.120	8.120	0.000	96	47511	20.0	15.0	
99 Styrene	104	8.141	8.141	0.000	97	244642	20.0	18.0	
100 n-Butyl acrylate	73	8.463	8.463	0.000	98	46804	20.0	15.6	
101 Isopropylbenzene	105	8.542	8.542	0.000	95	372143	20.0	18.8	
102 Amyl acetate (mixed isomer)	43	8.879	8.879	0.000	92	101294	20.0	16.0	
\$ 103 4-Bromofluorobenzene	174	8.922	8.922	0.000	95	223158	50.0	47.6	
104 Bromobenzene	156	9.029	9.029	0.000	95	106311	20.0	17.4	
105 N-Propylbenzene	91	9.173	9.180	-0.007	100	423512	20.0	18.6	
106 1,1,2,2-Tetrachloroethane	83	9.323	9.323	0.000	98	98881	20.0	18.6	
107 2-Chlorotoluene	91	9.352	9.352	0.000	97	301605	20.0	17.8	
108 4-Ethyltoluene	105	9.366	9.366	0.000	98	376363	20.0	18.1	
109 1,2,3-Trichloropropane	110	9.459	9.459	0.000	97	29111	20.0	16.9	
110 1,3,5-Trimethylbenzene	105	9.524	9.523	0.001	94	302520	20.0	17.7	
111 trans-1,4-Dichloro-2-buten	53	9.588	9.588	0.000	88	23037	20.0	17.1	
112 4-Chlorotoluene	91	9.624	9.617	0.007	96	280891	20.0	17.9	
113 tert-Butylbenzene	119	9.989	9.996	-0.007	96	247923	20.0	17.9	
114 Butyl Methacrylate	87	10.125	10.125	0.000	48	87219	20.0	14.9	
115 1,2,4-Trimethylbenzene	105	10.125	10.125	0.000	96	321811	20.0	17.9	
116 sec-Butylbenzene	105	10.283	10.290	-0.007	99	362295	20.0	18.5	
117 1,3-Dichlorobenzene	146	10.548	10.548	0.000	98	199594	20.0	18.5	
118 4-Isopropyltoluene	119	10.562	10.562	0.000	98	315842	20.0	18.1	
* 119 1,4-Dichlorobenzene-d4	152	10.684	10.684	0.000	93	390470	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.706	10.705	0.001	96	207328	20.0	17.9	
138 1,2,3-Trimethylbenzene	105	10.813	10.813	0.000	0	337666	20.0	17.8	
121 2,3-Dihydroindene	117	10.985	10.992	-0.007	95	345330	20.0	18.2	
122 Benzyl chloride	91	11.164	11.164	0.000	98	169678	20.0	13.6	
123 p-Diethylbenzene	119	11.171	11.171	0.000	94	177784	20.0	17.5	
124 n-Butylbenzene	91	11.250	11.250	0.000	98	273872	20.0	18.8	
125 1,2-Dichlorobenzene	146	11.357	11.357	0.000	99	195191	20.0	18.6	
126 1,2,4,5-Tetramethylbenzene	119	12.246	12.245	0.001	98	292189	20.0	16.8	
127 1,2-Dibromo-3-Chloropropan	157	12.396	12.396	0.000	91	17723	20.0	16.2	
128 1,3,5-Trichlorobenzene	180	12.439	12.439	0.000	97	137355	20.0	18.2	
129 1,2,4-Trichlorobenzene	180	13.105	13.105	0.000	93	122466	20.0	17.7	
130 Hexachlorobutadiene	225	13.119	13.119	0.000	97	42794	20.0	16.3	
131 Naphthalene	128	13.399	13.399	0.000	100	274282	20.0	16.2	
132 1,2,3-Trichlorobenzene	180	13.564	13.563	0.001	95	112622	20.0	17.8	
S 133 1,2-Dichloroethene, Total	100				0		40.0	34.5	
S 134 1,3-Dichloropropene, Total	100				0		40.0	33.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 135 Xylenes, Total	100				0		40.0	36.9	

S 137 Total BTEX	1				0		100.0	92.7	

Reagents:

8260MIX1COMB_00058	Amount Added: 20.00	Units: uL	
ACROLEIN W_00065	Amount Added: 4.00	Units: uL	
GASES Li_00213	Amount Added: 20.00	Units: uL	
8260ISNEW_00112	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added: 1.00	Units: uL	Run Reagent

Operator ID:

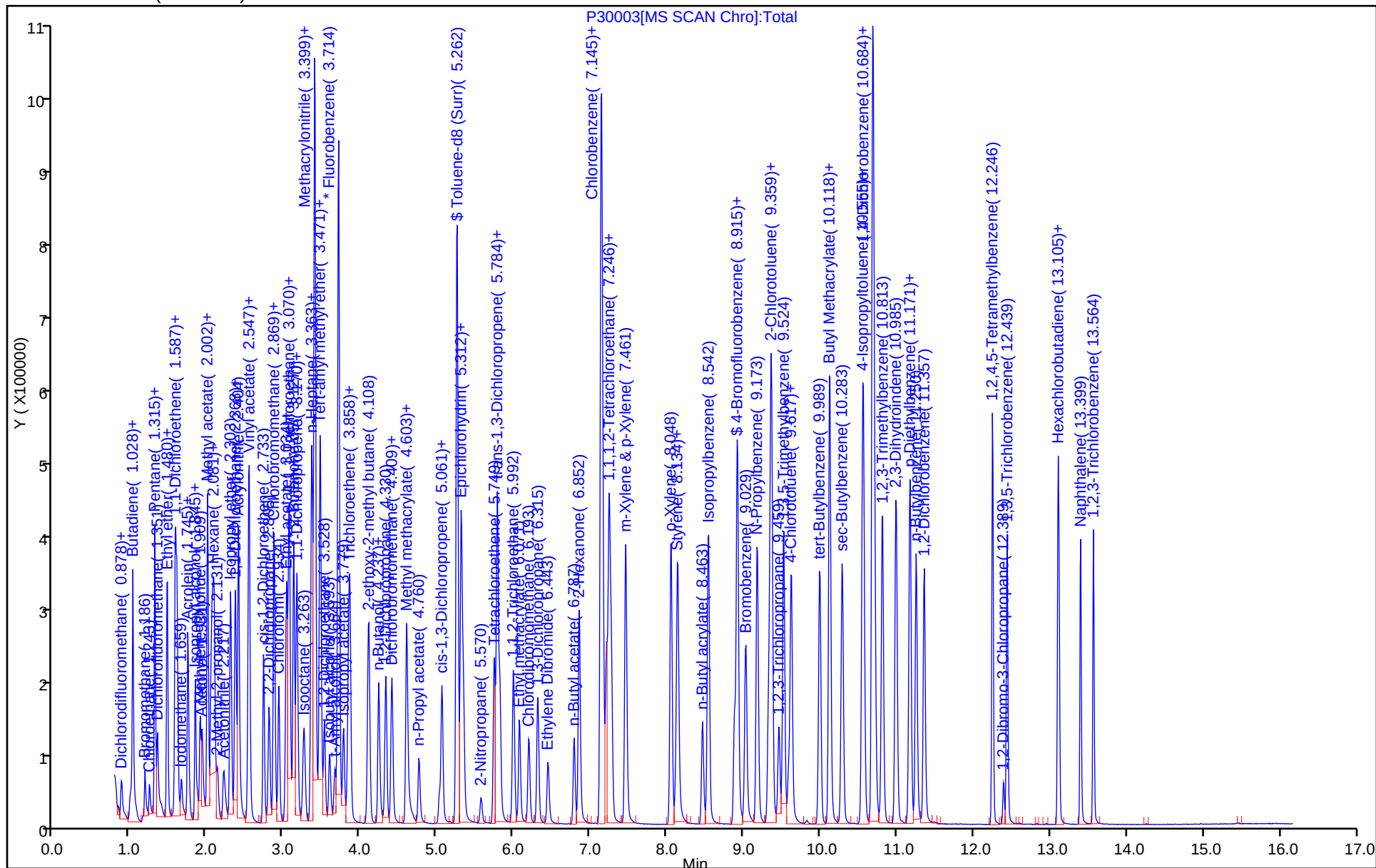
Worklist Smp#: 3

Client ID:

ALS Bottle#: 2

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.: 460-135385-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-445936/4

Matrix: Water Lab File ID: P30029.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 06/26/2017 22:45

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.: 445936 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	68.2		50	1.1
75-05-8	Acetonitrile	295		10	1.3
71-43-2	Benzene	20.7		1.0	0.090
100-44-7	Benzyl chloride	14.9		10	0.15
75-27-4	Bromodichloromethane	17.9	J	50	0.15
75-25-2	Bromoform	15.0		5.0	0.18
74-83-9	Bromomethane	22.3		5.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	95.4		5.0	0.63
75-15-0	Carbon disulfide	16.4	J	60	0.22
56-23-5	Carbon tetrachloride	17.7		5.0	0.33
108-90-7	Chlorobenzene	20.2		5.0	0.24
75-00-3	Chloroethane	18.7		5.0	0.37
110-75-8	2-Chloroethyl vinyl ether	16.0	J	20	0.17
67-66-3	Chloroform	18.8		7.0	0.22
74-87-3	Chloromethane	20.9		5.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.4		1.0	0.16
124-48-1	Dibromochloromethane	17.1	J	50	0.22
74-95-3	Dibromomethane	18.1		5.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	14.9		1.0	0.23
95-50-1	1,2-Dichlorobenzene	20.6		3.0	0.22
541-73-1	1,3-Dichlorobenzene	20.6		3.0	0.33
106-46-7	1,4-Dichlorobenzene	20.1		3.0	0.33
75-71-8	Dichlorodifluoromethane	16.7		5.0	0.14
75-34-3	1,1-Dichloroethane	20.4		5.0	0.24
107-06-2	1,2-Dichloroethane	17.3		1.0	0.25
75-35-4	1,1-Dichloroethene	17.9		5.0	0.34
540-59-0	1,2-Dichloroethene, Total	37.9		2.0	0.18
78-87-5	1,2-Dichloropropane	20.9		1.0	0.18
100-41-4	Ethylbenzene	20.4		5.0	0.30
78-93-3	2-Butanone (MEK)	84.6		50	2.2
75-09-2	Methylene Chloride	18.5		5.0	0.21
80-62-6	Methyl methacrylate	33.5	J	50	0.21
179601-23-1	m&p-Xylene	20.4		10	0.28
95-47-6	o-Xylene	20.4		5.0	0.32
100-42-5	Styrene	19.8		5.0	0.17
630-20-6	1,1,1,2-Tetrachloroethane	17.3		5.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-135385-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-445936/4

Matrix: Water Lab File ID: P30029.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 06/26/2017 22:45

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.: 445936 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	18.5		5.0	0.19
127-18-4	Tetrachloroethene	20.0		5.0	0.12
156-60-5	trans-1,2-Dichloroethene	18.6		5.0	0.18
10061-02-6	trans-1,3-Dichloropropene	17.4		1.0	0.19
71-55-6	1,1,1-Trichloroethane	17.5		5.0	0.28
79-00-5	1,1,2-Trichloroethane	19.4		1.0	0.080
79-01-6	Trichloroethene	19.7		5.0	0.22
96-18-4	1,2,3-Trichloropropane	16.3		1.0	0.36
108-88-3	Toluene	19.7		5.0	0.25
108-05-4	Vinyl acetate	36.6		5.0	0.48
75-01-4	Vinyl chloride	20.1		2.0	0.060
1330-20-7	Xylenes, Total	40.8		15	0.28
591-78-6	2-Hexanone	96.2		50	0.72
156-59-2	cis-1,2-Dichloroethene	19.4		5.0	0.26
106-93-4	1,2-Dibromoethane	18.1		5.0	0.19
97-63-2	Ethyl methacrylate	16.9		5.0	0.12
74-88-4	Iodomethane	13.0		5.0	0.19
110-57-6	trans-1,4-Dichloro-2-butene	16.8		5.0	0.18
126-98-7	Methacrylonitrile	200		5.0	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		74-132
460-00-4	4-Bromofluorobenzene	91		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120
1868-53-7	Dibromofluoromethane (Surr)	92		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56988.b\P30029.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 26-Jun-2017 22:45:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0056988-004
 Operator ID: Instrument ID: CVOAMS13
 Method: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56988.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 27-Jun-2017 16:04:22 Calib Date: 14-Apr-2017 08:47:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK012

First Level Reviewer: starzecm

Date: 27-Jun-2017 00:04:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.870	0.871	0.000	88	29779	20.0	13.6	
2 Dichlorodifluoromethane	85	0.885	0.885	0.000	99	97375	20.0	16.7	
5 Vinyl chloride	62	1.021	1.021	0.000	98	111965	20.0	20.1	
4 Chloromethane	50	1.028	1.028	0.000	61	143606	20.0	20.9	
3 Butadiene	54	1.028	1.028	0.000	95	88378	20.0	19.9	
6 Bromomethane	94	1.186	1.186	0.000	99	45262	20.0	22.3	
7 Chloroethane	64	1.243	1.243	0.000	99	41576	20.0	18.7	
9 Pentane	72	1.315	1.315	-0.001	96	25057	40.0	42.4	
8 Trichlorofluoromethane	101	1.315	1.315	-0.001	68	101302	20.0	15.9	
10 Dichlorofluoromethane	67	1.343	1.350	-0.007	99	141367	20.0	18.7	
11 2-Methyl-1,3-butadiene	67	1.472	1.472	0.000	95	113502	20.0	23.8	
12 Ethyl ether	59	1.479	1.479	0.000	92	66151	20.0	16.9	
13 Ethanol	46	1.572	1.572	0.000	29	14911	800.0	984.9	
15 1,2-Dichloro-1,1,2-trifluo	67	1.580	1.580	0.000	84	92970	20.0	19.2	
14 1,1-Dichloroethene	96	1.580	1.580	0.000	96	73408	20.0	17.9	
16 Carbon disulfide	76	1.594	1.594	0.000	99	252082	20.0	16.4	
17 1,1,2-Trichloro-1,2,2-trif	101	1.608	1.608	0.000	98	77147	20.0	20.9	
18 Iodomethane	142	1.658	1.666	-0.008	96	75365	20.0	13.0	
19 Cyclopentene	67	1.744	1.744	0.000	95	205298	20.0	19.5	
20 Acrolein	56	1.766	1.766	0.000	92	15481	40.0	28.0	
21 3-Chloro-1-propene	76	1.845	1.845	0.000	94	47763	20.0	18.2	
22 Isopropyl alcohol	45	1.873	1.873	0.000	97	37783	200.0	226.9	
23 Methylene Chloride	84	1.909	1.909	0.000	90	93289	20.0	18.5	
24 Acetone	43	1.931	1.931	0.000	89	77817	100.0	68.2	
25 trans-1,2-Dichloroethene	96	1.995	1.995	0.000	93	85890	20.0	18.6	
26 Methyl acetate	43	2.002	2.002	0.000	99	241276	100.0	88.3	
27 Hexane	57	2.052	2.052	0.000	87	158787	20.0	20.4	
28 Methyl tert-butyl ether	73	2.067	2.067	0.000	95	216009	20.0	16.3	
* 29 TBA-d9 (IS)	65	2.088	2.088	0.000	98	260701	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.131	2.131	0.000	99	56011	200.0	190.3	
31 Acetonitrile	41	2.217	2.217	0.000	100	95511	200.0	294.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Isopropyl ether	45	2.303	2.303	0.000	97	277550	20.0	21.6	
33 2-Chloro-1,3-butadiene	88	2.360	2.360	0.000	88	80610	20.0	21.0	
34 1,1-Dichloroethane	63	2.375	2.375	0.000	100	155911	20.0	20.4	
35 Acrylonitrile	53	2.403	2.403	0.000	95	298604	200.0	196.6	
36 Tert-butyl ethyl ether	59	2.539	2.540	-0.001	90	253457	20.0	18.8	
37 Vinyl acetate	43	2.547	2.547	0.000	100	331514	40.0	36.6	
38 cis-1,2-Dichloroethene	96	2.733	2.733	0.000	99	101901	20.0	19.4	
39 2,2-Dichloropropane	77	2.804	2.805	-0.001	97	113746	20.0	16.8	
40 Cyclohexane	56	2.869	2.869	0.000	88	147315	20.0	24.2	
41 Chlorobromomethane	128	2.869	2.869	0.000	81	50332	20.0	19.5	
42 Chloroform	83	2.933	2.933	0.000	100	142671	20.0	18.8	
43 Carbon tetrachloride	117	3.026	3.027	-0.001	97	97060	20.0	17.7	
44 Ethyl acetate	70	3.034	3.034	0.000	99	17631	40.0	38.0	
45 Methyl acrylate	55	3.034	3.034	0.000	98	65908	20.0	18.4	
46 Tetrahydrofuran	42	3.041	3.048	-0.007	93	53594	40.0	38.6	
\$ 47 Dibromofluoromethane (Surr	113	3.062	3.062	0.000	98	150255	50.0	46.0	
48 1,1,1-Trichloroethane	97	3.077	3.077	0.000	97	116870	20.0	17.5	
* 49 2-Butanone-d5	46	3.127	3.127	0.000	99	363552	250.0	250.0	
50 2-Butanone (MEK)	72	3.163	3.163	0.000	99	48153	100.0	84.6	
51 1,1-Dichloropropene	75	3.170	3.170	0.000	99	123983	20.0	19.9	
52 Isooctane	57	3.263	3.263	0.000	98	278161	20.0	29.9	
53 n-Heptane	57	3.356	3.356	0.000	89	63218	20.0	28.0	
54 Benzene	78	3.363	3.363	0.000	95	377312	20.0	20.7	
55 Propionitrile	54	3.385	3.385	0.000	98	112070	200.0	284.6	
56 Methacrylonitrile	67	3.399	3.399	0.000	89	351349	200.0	199.7	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.471	3.471	0.000	94	153914	50.0	42.0	
58 Tert-amyl methyl ether	73	3.471	3.471	0.000	99	233034	20.0	18.2	
59 1,2-Dichloroethane	62	3.528	3.528	0.000	97	102295	20.0	17.3	
60 Isobutyl alcohol	43	3.600	3.592	0.008	96	57942	500.0	533.2	
61 t-Amyl alcohol	59	3.664	3.664	0.000	95	38550	200.0	118.5	
* 62 Fluorobenzene	96	3.714	3.714	0.000	99	905232	50.0	50.0	
63 Isopropyl acetate	43	3.779	3.779	0.000	99	122105	20.0	16.9	
64 Methylcyclohexane	83	3.843	3.843	0.000	94	145955	20.0	24.5	
65 Trichloroethene	130	3.865	3.865	0.000	96	100274	20.0	19.7	
66 2-ethoxy-2-methyl butane	59	4.101	4.108	-0.007	96	193519	20.0	18.3	
68 n-Butanol	56	4.237	4.237	0.000	87	38055	500.0	547.5	
67 Dibromomethane	93	4.237	4.237	0.000	95	53783	20.0	18.1	
69 1,2-Dichloropropane	63	4.330	4.330	0.000	94	94916	20.0	20.9	
70 Ethyl acrylate	55	4.402	4.402	0.000	98	88567	20.0	17.5	
71 Dichlorobromomethane	83	4.409	4.409	0.000	99	103332	20.0	17.9	
* 72 1,4-Dioxane-d8	96	4.595	4.595	0.000	80	43408	1000.0	1000.0	
73 Methyl methacrylate	100	4.602	4.602	0.000	87	43226	40.0	33.5	
74 1,4-Dioxane	88	4.624	4.617	0.007	93	20658	400.0	413.7	
75 n-Propyl acetate	43	4.760	4.760	0.000	98	92146	20.0	17.2	
76 2-Chloroethyl vinyl ether	63	5.032	5.032	0.000	95	22155	20.0	16.0	
77 cis-1,3-Dichloropropene	75	5.061	5.061	0.000	90	136852	20.0	18.4	
\$ 78 Toluene-d8 (Surr)	98	5.261	5.261	0.000	99	658895	50.0	47.2	
79 Toluene	91	5.311	5.312	-0.001	92	412359	20.0	19.7	
80 Epichlorohydrin	57	5.340	5.340	0.000	99	149772	400.0	398.4	
81 2-Nitropropane	41	5.569	5.577	-0.008	98	23290	40.0	23.2	
82 Tetrachloroethene	166	5.748	5.749	-0.001	96	107239	20.0	20.0	
83 4-Methyl-2-pentanone (MIBK	43	5.784	5.784	0.000	95	326327	100.0	95.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 trans-1,3-Dichloropropene	75	5.820	5.820	0.000	92	118401	20.0	17.4	
85 1,1,2-Trichloroethane	83	5.999	5.999	0.000	97	67246	20.0	19.4	
86 Ethyl methacrylate	69	6.071	6.071	0.000	88	100202	20.0	16.9	
87 Chlorodibromomethane	129	6.200	6.200	0.000	98	81963	20.0	17.1	
88 1,3-Dichloropropane	76	6.314	6.314	0.000	91	141269	20.0	19.9	
89 Ethylene Dibromide	107	6.443	6.451	-0.008	99	80082	20.0	18.1	
90 n-Butyl acetate	43	6.787	6.787	0.000	98	90702	20.0	16.0	
91 2-Hexanone	43	6.852	6.852	0.000	94	217350	100.0	96.2	
* 92 Chlorobenzene-d5	117	7.138	7.138	0.000	85	701481	50.0	50.0	
93 Chlorobenzene	112	7.160	7.160	0.000	97	274294	20.0	20.2	
94 Ethylbenzene	106	7.245	7.246	-0.001	98	145638	20.0	20.4	
95 1,1,1,2-Tetrachloroethane	131	7.274	7.274	0.000	96	81644	20.0	17.3	
96 m-Xylene & p-Xylene	106	7.460	7.461	0.000	95	180048	20.0	20.4	
97 o-Xylene	106	8.055	8.055	0.000	95	173139	20.0	20.4	
98 Bromoform	173	8.119	8.120	-0.001	97	49792	20.0	15.0	
99 Styrene	104	8.141	8.141	0.000	97	281402	20.0	19.8	
100 n-Butyl acrylate	73	8.463	8.463	0.000	98	49453	20.0	15.7	
101 Isopropylbenzene	105	8.542	8.542	0.000	95	445418	20.0	21.4	
102 Amyl acetate (mixed isomer)	43	8.879	8.879	0.000	93	106555	20.0	16.2	
\$ 103 4-Bromofluorobenzene	174	8.922	8.922	0.000	96	224300	50.0	45.6	
104 Bromobenzene	156	9.029	9.029	0.000	94	124717	20.0	19.7	
105 N-Propylbenzene	91	9.180	9.180	0.000	100	509126	20.0	21.6	
106 1,1,2,2-Tetrachloroethane	83	9.323	9.323	0.000	98	101681	20.0	18.5	
107 2-Chlorotoluene	91	9.351	9.352	-0.001	96	354035	20.0	20.2	
108 4-Ethyltoluene	105	9.366	9.366	0.000	98	446271	20.0	20.8	
109 1,2,3-Trichloropropane	110	9.459	9.459	0.000	97	29156	20.0	16.3	
110 1,3,5-Trimethylbenzene	105	9.523	9.523	0.000	94	361737	20.0	20.4	
111 trans-1,4-Dichloro-2-buten	53	9.588	9.588	0.000	75	23403	20.0	16.8	
112 4-Chlorotoluene	91	9.624	9.624	0.000	96	328305	20.0	20.2	
113 tert-Butylbenzene	119	9.996	9.996	0.000	96	306816	20.0	21.4	
114 Butyl Methacrylate	87	10.118	10.125	-0.007	48	101147	20.0	16.7	
115 1,2,4-Trimethylbenzene	105	10.125	10.125	0.000	96	378643	20.0	20.4	
116 sec-Butylbenzene	105	10.283	10.290	-0.007	99	458353	20.0	22.6	
117 1,3-Dichlorobenzene	146	10.548	10.548	0.000	97	229705	20.0	20.6	
118 4-Isopropyltoluene	119	10.562	10.562	0.000	98	390699	20.0	21.7	
* 119 1,4-Dichlorobenzene-d4	152	10.684	10.684	0.000	94	404531	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.705	10.705	0.000	96	240693	20.0	20.1	
138 1,2,3-Trimethylbenzene	105	10.813	10.813	0.000	0	394353	20.0	20.1	
121 2,3-Dihydroindene	117	10.992	10.992	0.000	94	395985	20.0	20.1	
122 Benzyl chloride	91	11.164	11.164	0.000	97	193713	20.0	14.9	
123 p-Diethylbenzene	119	11.171	11.171	0.000	94	221403	20.0	21.1	
124 n-Butylbenzene	91	11.250	11.250	0.000	98	348643	20.0	23.1	
125 1,2-Dichlorobenzene	146	11.357	11.357	0.000	98	224537	20.0	20.6	
126 1,2,4,5-Tetramethylbenzene	119	12.245	12.245	0.000	98	356849	20.0	19.8	
127 1,2-Dibromo-3-Chloropropan	157	12.396	12.396	0.000	92	16945	20.0	14.9	
128 1,3,5-Trichlorobenzene	180	12.439	12.439	0.000	97	166136	20.0	21.3	
129 1,2,4-Trichlorobenzene	180	13.105	13.105	0.000	94	143150	20.0	20.0	
130 Hexachlorobutadiene	225	13.119	13.119	0.000	97	65112	20.0	23.9	
131 Naphthalene	128	13.399	13.399	0.000	100	280656	20.0	16.0	
132 1,2,3-Trichlorobenzene	180	13.563	13.563	0.000	96	124080	20.0	19.0	
S 133 1,2-Dichloroethene, Total	100				0		40.0	37.9	
S 134 1,3-Dichloropropene, Total	100				0		40.0	35.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 135 Xylenes, Total

100

0

40.0

40.8

S 137 Total BTEX

1

0

100.0

101.5

Reagents:

8260MIX1COMB_00058

Amount Added: 20.00

Units: uL

ACROLEIN W_00065

Amount Added: 4.00

Units: uL

GASES Li_00213

Amount Added: 20.00

Units: uL

8260ISNEW_00112

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00158

Amount Added: 1.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS13\\20170626-56988.b\\P30029.D

Injection Date: 26-Jun-2017 22:45:30

Instrument ID: CVOAMS13

Lims ID: LCS

Operator ID:

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

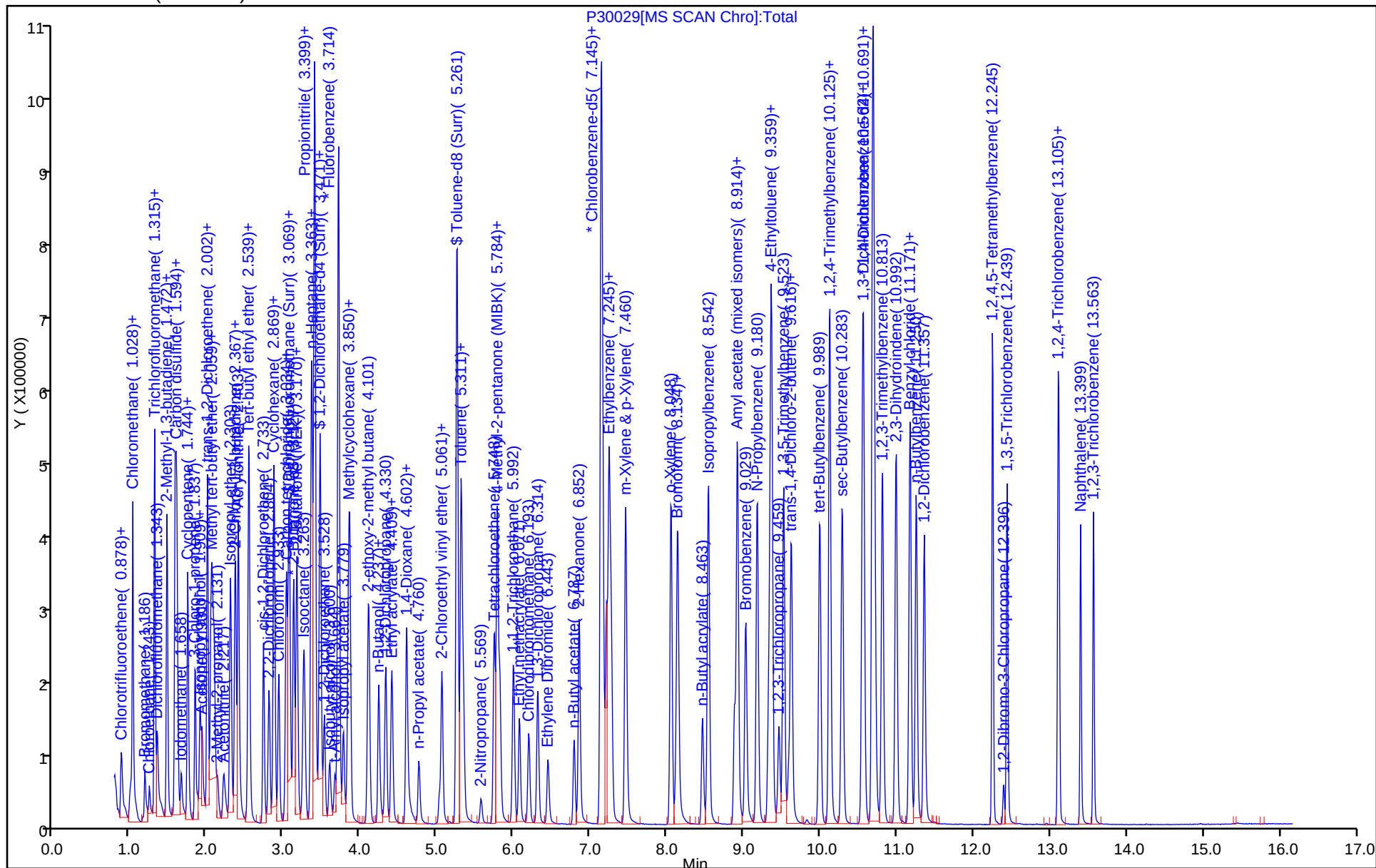
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260W_13

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.: 460-135385-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-446090/4

Matrix: Water Lab File ID: J573488.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 06/27/2017 10:57

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.: 446090 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	99.6		50	1.1
75-05-8	Acetonitrile	168		10	1.3
71-43-2	Benzene	17.8		1.0	0.090
100-44-7	Benzyl chloride	18.8		10	0.15
75-27-4	Bromodichloromethane	17.0	J	50	0.15
75-25-2	Bromoform	19.0		5.0	0.18
74-83-9	Bromomethane	15.2		5.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	89.3		5.0	0.63
75-15-0	Carbon disulfide	16.0	J	60	0.22
56-23-5	Carbon tetrachloride	20.3		5.0	0.33
108-90-7	Chlorobenzene	18.5		5.0	0.24
75-00-3	Chloroethane	17.0		5.0	0.37
110-75-8	2-Chloroethyl vinyl ether	16.6	J	20	0.17
67-66-3	Chloroform	18.8		7.0	0.22
74-87-3	Chloromethane	12.5		5.0	0.22
10061-01-5	cis-1,3-Dichloropropene	17.8		1.0	0.16
124-48-1	Dibromochloromethane	19.1	J	50	0.22
74-95-3	Dibromomethane	18.0		5.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	22.2		1.0	0.23
95-50-1	1,2-Dichlorobenzene	18.4		3.0	0.22
541-73-1	1,3-Dichlorobenzene	18.5		3.0	0.33
106-46-7	1,4-Dichlorobenzene	17.9		3.0	0.33
75-71-8	Dichlorodifluoromethane	17.6		5.0	0.14
75-34-3	1,1-Dichloroethane	16.2		5.0	0.24
107-06-2	1,2-Dichloroethane	18.7		1.0	0.25
75-35-4	1,1-Dichloroethene	18.6		5.0	0.34
540-59-0	1,2-Dichloroethene, Total	36.6		2.0	0.18
78-87-5	1,2-Dichloropropane	15.4		1.0	0.18
100-41-4	Ethylbenzene	18.2		5.0	0.30
78-93-3	2-Butanone (MEK)	105		50	2.2
75-09-2	Methylene Chloride	17.3		5.0	0.21
80-62-6	Methyl methacrylate	39.7	J	50	0.21
179601-23-1	m&p-Xylene	18.3		10	0.28
95-47-6	o-Xylene	18.0		5.0	0.32
100-42-5	Styrene	18.9		5.0	0.17
630-20-6	1,1,1,2-Tetrachloroethane	18.5		5.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-135385-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-446090/4

Matrix: Water Lab File ID: J573488.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 06/27/2017 10:57

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.: 446090 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	16.0		5.0	0.19
127-18-4	Tetrachloroethene	20.9		5.0	0.12
156-60-5	trans-1,2-Dichloroethene	18.2		5.0	0.18
10061-02-6	trans-1,3-Dichloropropene	16.5		1.0	0.19
71-55-6	1,1,1-Trichloroethane	19.8		5.0	0.28
79-00-5	1,1,2-Trichloroethane	16.4		1.0	0.080
79-01-6	Trichloroethene	17.4		5.0	0.22
96-18-4	1,2,3-Trichloropropane	17.0		1.0	0.36
108-88-3	Toluene	17.6		5.0	0.25
108-05-4	Vinyl acetate	33.3		5.0	0.48
75-01-4	Vinyl chloride	15.3		2.0	0.060
1330-20-7	Xylenes, Total	36.4		15	0.28
591-78-6	2-Hexanone	92.4		50	0.72
156-59-2	cis-1,2-Dichloroethene	18.4		5.0	0.26
106-93-4	1,2-Dibromoethane	19.0		5.0	0.19
97-63-2	Ethyl methacrylate	16.4		5.0	0.12
74-88-4	Iodomethane	17.0		5.0	0.19
110-57-6	trans-1,4-Dichloro-2-butene	14.2		5.0	0.18
126-98-7	Methacrylonitrile	177		5.0	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		74-132
460-00-4	4-Bromofluorobenzene	108		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	101		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\J573488.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 27-Jun-2017 10:57:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0057019-003
 Operator ID: Instrument ID: CVOAMS8
 Method: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\8260_W8.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 27-Jun-2017 17:14:21 Calib Date: 23-Jun-2017 02:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK012

First Level Reviewer: martineze

Date: 27-Jun-2017 11:21:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.591	0.591	0.000	92	4545	20.0	19.2	
2 Dichlorodifluoromethane	85	0.626	0.626	0.000	99	47903	20.0	17.6	
3 Chloromethane	50	0.832	0.832	0.000	99	36111	20.0	12.5	
4 Vinyl chloride	62	0.926	0.926	0.000	98	41254	20.0	15.3	
5 Butadiene	54	0.961	0.961	0.000	95	33996	20.0	14.8	
6 Bromomethane	94	1.267	1.267	0.000	96	26211	20.0	15.2	
7 Chloroethane	64	1.372	1.372	0.000	98	26022	20.0	17.0	
8 Dichlorofluoromethane	67	1.596	1.596	0.000	96	65384	20.0	17.9	
9 Trichlorofluoromethane	101	1.596	1.596	0.000	84	63782	20.0	20.5	
10 Pentane	72	1.649	1.649	0.000	94	10432	40.0	48.8	
11 Ethanol	46	1.895	1.895	0.000	85	5406	800.0	832.6	
12 Ethyl ether	59	1.901	1.901	0.000	97	28425	20.0	17.0	
13 2-Methyl-1,3-butadiene	53	1.919	1.919	0.000	96	26609	20.0	17.6	
14 1,2-Dichloro-1,1,2-trifluo	117	1.972	1.972	0.000	91	32701	20.0	20.1	
15 1,1,2-Trichloro-1,2,2-trif	101	2.107	2.107	0.000	96	38164	20.0	23.0	
16 Acrolein	56	2.130	2.130	0.000	44	3487	40.0	28.9	
17 1,1-Dichloroethene	96	2.154	2.154	0.000	97	34852	20.0	18.6	
18 Acetone	43	2.283	2.283	0.000	88	46564	100.0	99.6	
19 Iodomethane	142	2.330	2.330	0.000	96	43855	20.0	17.0	
20 Carbon disulfide	76	2.365	2.365	0.000	99	106326	20.0	16.0	
21 Isopropyl alcohol	45	2.418	2.418	0.000	99	16900	200.0	226.6	
22 3-Chloro-1-propene	76	2.553	2.553	0.000	83	20305	20.0	18.9	
23 Cyclopentene	67	2.565	2.565	0.000	91	80425	20.0	18.7	
24 Methyl acetate	43	2.577	2.577	0.000	97	99804	100.0	73.9	
25 Acetonitrile	41	2.659	2.659	0.000	98	40905	200.0	167.9	
26 Methylene Chloride	84	2.712	2.712	0.000	85	38953	20.0	17.3	
* 27 TBA-d9 (IS)	65	2.724	2.724	0.000	95	113722	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.818	2.818	0.000	98	24999	200.0	203.6	
29 Methyl tert-butyl ether	73	2.906	2.906	0.000	96	99606	20.0	19.3	
30 trans-1,2-Dichloroethene	96	2.941	2.941	0.000	91	37368	20.0	18.2	
31 Acrylonitrile	53	3.053	3.053	0.000	96	114592	200.0	171.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	57	3.135	3.135	0.000	96	32234	20.0	18.3	
33 Isopropyl ether	45	3.399	3.399	0.000	95	96211	20.0	15.9	
34 1,1-Dichloroethane	63	3.441	3.441	0.000	99	57765	20.0	16.2	
35 Vinyl acetate	43	3.464	3.464	0.000	99	117146	40.0	33.3	
36 2-Chloro-1,3-butadiene	88	3.488	3.488	0.000	91	32238	20.0	19.0	
37 Tert-butyl ethyl ether	59	3.787	3.787	0.000	89	96569	20.0	17.1	
38 2,2-Dichloropropane	79	4.022	4.022	0.000	91	18058	20.0	23.0	
* 39 2-Butanone-d5	46	4.034	4.034	0.000	95	136122	250.0	250.0	
40 cis-1,2-Dichloroethene	96	4.069	4.069	0.000	94	41977	20.0	18.4	
41 2-Butanone (MEK)	72	4.104	4.104	0.000	97	17628	100.0	105.2	
42 Ethyl acetate	70	4.116	4.116	0.000	96	7160	40.0	50.6	
43 Methyl acrylate	55	4.169	4.169	0.000	99	25391	20.0	16.0	
44 Propionitrile	54	4.263	4.263	0.000	98	40274	200.0	178.8	
45 Tetrahydrofuran	72	4.334	4.334	0.000	60	7614	40.0	41.3	
46 Chlorobromomethane	128	4.340	4.340	0.000	76	21702	20.0	21.6	
47 Methacrylonitrile	67	4.381	4.381	0.000	90	139742	200.0	176.8	
48 Chloroform	83	4.410	4.410	0.000	97	64848	20.0	18.8	
49 Cyclohexane	56	4.533	4.533	0.000	88	46687	20.0	17.6	
50 1,1,1-Trichloroethane	97	4.563	4.563	0.000	95	58263	20.0	19.8	
\$ 51 Dibromofluoromethane (Surr	113	4.592	4.592	0.000	97	78402	50.0	50.4	
52 Carbon tetrachloride	117	4.698	4.698	0.000	96	48055	20.0	20.3	
53 1,1-Dichloropropene	75	4.739	4.739	0.000	95	45075	20.0	17.5	
58 Isobutyl alcohol	43	4.927	4.927	0.000	63	33078	500.0	438.8	
54 Isooctane	57	4.927	4.927	0.000	90	64820	20.0	21.4	
55 Benzene	78	4.980	4.980	0.000	95	146095	20.0	17.8	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.003	5.003	0.000	96	85779	50.0	46.1	
57 Tert-amyl methyl ether	73	5.050	5.050	0.000	85	102443	20.0	17.2	
59 Isopropyl acetate	43	5.056	5.056	0.000	82	84316	20.0	15.7	
60 1,2-Dichloroethane	62	5.092	5.092	0.000	97	48842	20.0	18.7	
61 n-Heptane	57	5.156	5.156	0.000	89	14764	20.0	19.3	
* 62 Fluorobenzene	96	5.315	5.315	0.000	99	386917	50.0	50.0	
63 n-Butanol	56	5.691	5.691	0.000	88	14718	500.0	457.2	
64 Trichloroethene	95	5.720	5.720	0.000	96	37003	20.0	17.4	
65 Methylcyclohexane	83	5.850	5.850	0.000	92	44358	20.0	19.1	
66 Ethyl acrylate	55	5.861	5.861	0.000	98	67596	20.0	18.0	
67 1,2-Dichloropropane	63	6.043	6.043	0.000	88	32106	20.0	15.4	
* 68 1,4-Dioxane-d8	96	6.114	6.114	0.000	86	15554	1000.0	1000.0	
69 Methyl methacrylate	100	6.143	6.143	0.000	88	20069	40.0	39.7	
70 1,4-Dioxane	88	6.196	6.196	0.000	36	7719	400.0	640.3	
71 Dibromomethane	93	6.202	6.202	0.000	92	22524	20.0	18.0	
72 n-Propyl acetate	43	6.208	6.208	0.000	98	38252	20.0	15.5	
73 Dichlorobromomethane	83	6.372	6.372	0.000	98	45793	20.0	17.0	
75 2-Chloroethyl vinyl ether	63	6.754	6.754	0.000	75	19130	20.0	16.6	
74 2-Nitropropane	41	6.754	6.754	0.000	79	14512	40.0	30.9	
76 Epichlorohydrin	57	6.878	6.878	0.000	99	55297	400.0	413.8	
77 cis-1,3-Dichloropropene	75	6.925	6.925	0.000	90	54585	20.0	17.8	
78 4-Methyl-2-pentanone (MIBK	43	7.113	7.113	0.000	94	117364	100.0	89.3	
\$ 79 Toluene-d8 (Surr)	98	7.195	7.195	0.000	100	312273	50.0	49.3	
80 Toluene	91	7.277	7.277	0.000	93	157705	20.0	17.6	
81 trans-1,3-Dichloropropene	75	7.671	7.671	0.000	95	46145	20.0	16.5	
82 Ethyl methacrylate	69	7.694	7.694	0.000	87	37804	20.0	16.4	
83 1,1,2-Trichloroethane	83	7.900	7.900	0.000	97	26553	20.0	16.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Tetrachloroethene	166	7.941	7.941	0.000	96	41927	20.0	20.9	
85 1,3-Dichloropropane	76	8.135	8.135	0.000	92	51947	20.0	17.1	
86 2-Hexanone	58	8.200	8.200	0.000	95	48140	100.0	92.4	
87 n-Butyl acetate	43	8.311	8.311	0.000	97	38525	20.0	14.6	
88 Chlorodibromomethane	129	8.382	8.382	0.000	98	38216	20.0	19.1	
89 Ethylene Dibromide	107	8.546	8.546	0.000	97	34382	20.0	19.0	
* 90 Chlorobenzene-d5	117	9.128	9.128	0.000	86	284000	50.0	50.0	
91 Chlorobenzene	112	9.163	9.163	0.000	98	106423	20.0	18.5	
92 Ethylbenzene	106	9.263	9.263	0.000	98	53386	20.0	18.2	
93 1,1,1,2-Tetrachloroethane	131	9.275	9.275	0.000	96	38352	20.0	18.5	
94 m-Xylene & p-Xylene	106	9.404	9.404	0.000	95	64961	20.0	18.3	
95 n-Butyl acrylate	73	9.821	9.821	0.000	98	20147	20.0	15.1	
96 o-Xylene	106	9.839	9.839	0.000	94	65467	20.0	18.0	
97 Styrene	104	9.868	9.868	0.000	98	114106	20.0	18.9	
98 Amyl acetate (mixed isomer	43	10.039	10.039	0.000	92	43293	20.0	13.0	
99 Bromoform	173	10.080	10.080	0.000	98	26051	20.0	19.0	
100 Isopropylbenzene	105	10.180	10.180	0.000	95	156212	20.0	18.8	
\$ 101 4-Bromofluorobenzene	174	10.362	10.362	0.000	95	105125	50.0	54.1	
102 Bromobenzene	156	10.485	10.485	0.000	88	48902	20.0	18.8	
103 1,1,2,2-Tetrachloroethane	83	10.521	10.521	0.000	98	36788	20.0	16.0	
104 N-Propylbenzene	91	10.532	10.532	0.000	100	174178	20.0	16.9	
105 1,2,3-Trichloropropane	110	10.562	10.562	0.000	95	12138	20.0	17.0	
106 trans-1,4-Dichloro-2-buten	53	10.573	10.573	0.000	75	9101	20.0	14.2	
108 4-Ethyltoluene	105	10.632	10.632	0.000	91	161441	20.0	18.1	
107 2-Chlorotoluene	91	10.632	10.632	0.000	97	124158	20.0	16.1	
109 1,3,5-Trimethylbenzene	105	10.685	10.685	0.000	94	133882	20.0	18.2	
110 4-Chlorotoluene	91	10.726	10.726	0.000	95	111807	20.0	16.2	
111 Butyl Methacrylate	87	10.756	10.756	0.000	88	43185	20.0	15.0	
112 tert-Butylbenzene	119	10.926	10.926	0.000	95	107504	20.0	18.7	
113 1,2,4-Trimethylbenzene	105	10.973	10.973	0.000	96	138379	20.0	17.9	
114 sec-Butylbenzene	105	11.085	11.085	0.000	99	142830	20.0	17.8	
115 4-Isopropyltoluene	119	11.184	11.184	0.000	98	130624	20.0	18.5	
116 1,3-Dichlorobenzene	146	11.196	11.196	0.000	97	83235	20.0	18.5	
* 117 1,4-Dichlorobenzene-d4	152	11.249	11.249	0.000	93	160244	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.267	11.267	0.000	96	87318	20.0	17.9	
134 1,2,3-Trimethylbenzene	105	11.278	11.278	0.000	97	146089	20.0	17.7	
119 Benzyl chloride	91	11.372	11.372	0.000	99	80547	20.0	18.8	
120 2,3-Dihydroindene	117	11.414	11.414	0.000	95	160382	20.0	18.7	
121 p-Diethylbenzene	119	11.443	11.443	0.000	95	76589	20.0	19.1	
122 n-Butylbenzene	91	11.461	11.461	0.000	98	124901	20.0	17.1	
123 1,2-Dichlorobenzene	146	11.525	11.525	0.000	98	82211	20.0	18.4	
124 1,2,4,5-Tetramethylbenzene	119	11.954	11.954	0.000	97	118160	20.0	19.0	
125 1,2-Dibromo-3-Chloropropan	155	12.048	12.048	0.000	91	7327	20.0	22.2	
126 1,3,5-Trichlorobenzene	180	12.136	12.136	0.000	96	54880	20.0	22.6	
127 1,2,4-Trichlorobenzene	180	12.577	12.577	0.000	92	48364	20.0	21.8	
128 Hexachlorobutadiene	225	12.642	12.642	0.000	94	19465	20.0	23.7	
129 Naphthalene	128	12.771	12.771	0.000	99	111194	20.0	19.9	
130 1,2,3-Trichlorobenzene	180	12.953	12.953	0.000	96	35938	20.0	24.0	
S 131 1,2-Dichloroethene, Total	100				0		40.0	36.6	
S 132 Xylenes, Total	100				0		40.0	36.4	
S 133 Total BTEX	1				0		100.0	90.0	

Reagents:

8260MIX1COMB_00058	Amount Added: 20.00	Units: uL	
GASES Li_00213	Amount Added: 20.00	Units: uL	
ACROLEIN W_00065	Amount Added: 4.00	Units: uL	
8260ISNEW_00112	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS8\\20170627-57019.b\\J573488.D

Injection Date: 27-Jun-2017 10:57:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

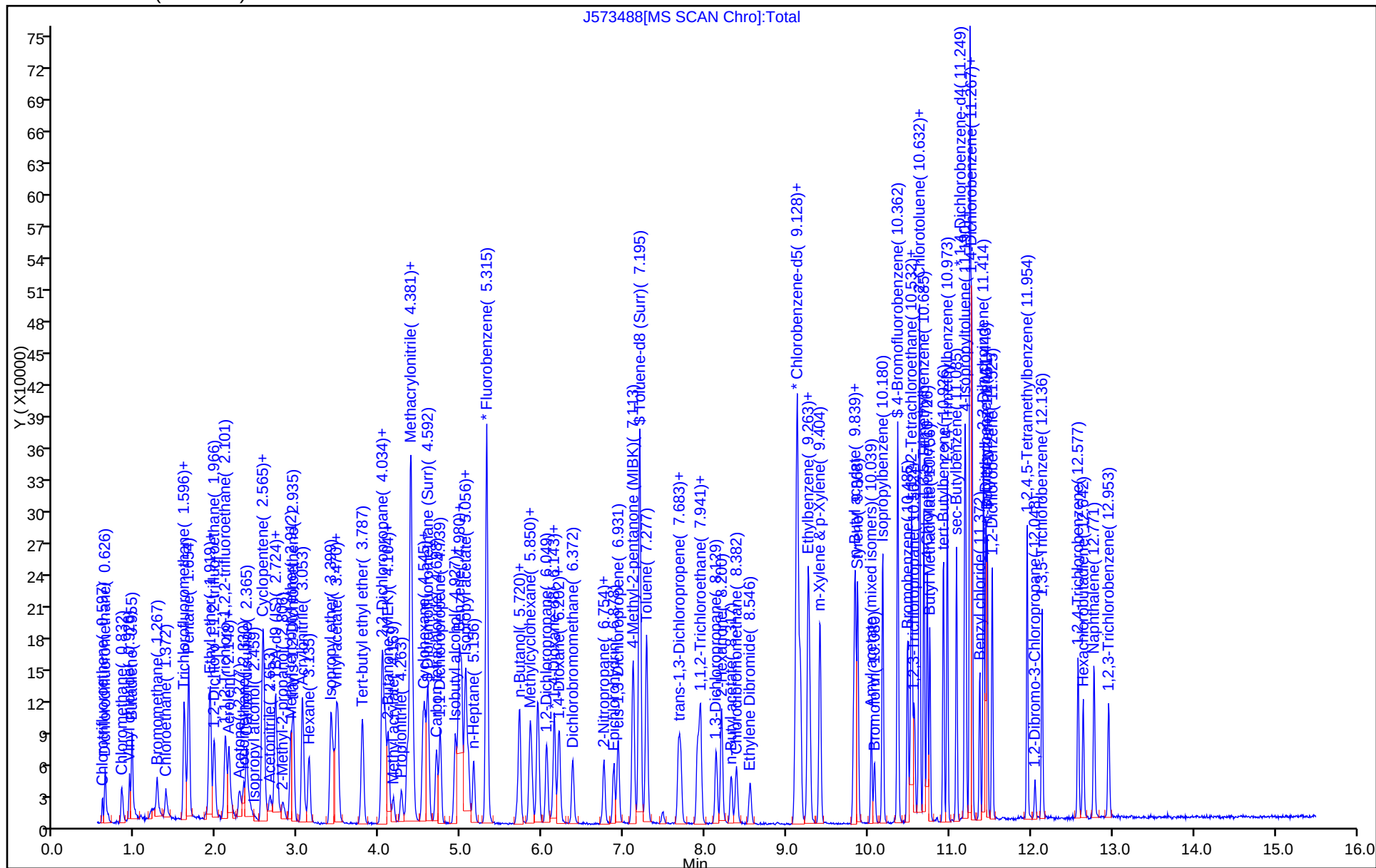
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260_W8

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.: 460-135385-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 460-445791/4

Matrix: Water Lab File ID: P30004.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 06/26/2017 09:58

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.: 445791 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	62.8		50	1.1
75-05-8	Acetonitrile	266		10	1.3
71-43-2	Benzene	18.4		1.0	0.090
100-44-7	Benzyl chloride	12.8		10	0.15
75-27-4	Bromodichloromethane	16.1	J	50	0.15
75-25-2	Bromoform	14.3		5.0	0.18
74-83-9	Bromomethane	19.1		5.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	88.1		5.0	0.63
75-15-0	Carbon disulfide	13.1	J	60	0.22
56-23-5	Carbon tetrachloride	14.2		5.0	0.33
108-90-7	Chlorobenzene	18.1		5.0	0.24
75-00-3	Chloroethane	17.8		5.0	0.37
110-75-8	2-Chloroethyl vinyl ether	18.0	J	20	0.17
67-66-3	Chloroform	17.1		7.0	0.22
74-87-3	Chloromethane	19.2		5.0	0.22
10061-01-5	cis-1,3-Dichloropropene	16.8		1.0	0.16
124-48-1	Dibromochloromethane	15.7	J	50	0.22
74-95-3	Dibromomethane	17.6		5.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	15.2		1.0	0.23
95-50-1	1,2-Dichlorobenzene	17.9		3.0	0.22
541-73-1	1,3-Dichlorobenzene	17.8		3.0	0.33
106-46-7	1,4-Dichlorobenzene	17.2		3.0	0.33
75-71-8	Dichlorodifluoromethane	9.21		5.0	0.14
75-34-3	1,1-Dichloroethane	18.4		5.0	0.24
107-06-2	1,2-Dichloroethane	16.7		1.0	0.25
75-35-4	1,1-Dichloroethene	14.9		5.0	0.34
540-59-0	1,2-Dichloroethene, Total	33.2		2.0	0.18
78-87-5	1,2-Dichloropropane	19.3		1.0	0.18
100-41-4	Ethylbenzene	17.8		5.0	0.30
78-93-3	2-Butanone (MEK)	79.1		50	2.2
75-09-2	Methylene Chloride	16.9		5.0	0.21
80-62-6	Methyl methacrylate	34.5	J	50	0.21
179601-23-1	m&p-Xylene	17.2		10	0.28
95-47-6	o-Xylene	17.6		5.0	0.32
100-42-5	Styrene	17.4		5.0	0.17
630-20-6	1,1,1,2-Tetrachloroethane	16.1		5.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-135385-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 460-445791/4

Matrix: Water Lab File ID: P30004.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 06/26/2017 09:58

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.: 445791 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	17.7		5.0	0.19
127-18-4	Tetrachloroethene	16.4		5.0	0.12
156-60-5	trans-1,2-Dichloroethene	16.1		5.0	0.18
10061-02-6	trans-1,3-Dichloropropene	16.2		1.0	0.19
71-55-6	1,1,1-Trichloroethane	14.7		5.0	0.28
79-00-5	1,1,2-Trichloroethane	18.2		1.0	0.080
79-01-6	Trichloroethene	17.6		5.0	0.22
96-18-4	1,2,3-Trichloropropane	15.5		1.0	0.36
108-88-3	Toluene	17.3		5.0	0.25
108-05-4	Vinyl acetate	35.0		5.0	0.48
75-01-4	Vinyl chloride	17.1		2.0	0.060
1330-20-7	Xylenes, Total	34.9		15	0.28
591-78-6	2-Hexanone	87.5		50	0.72
156-59-2	cis-1,2-Dichloroethene	17.1		5.0	0.26
106-93-4	1,2-Dibromoethane	17.1		5.0	0.19
97-63-2	Ethyl methacrylate	16.3		5.0	0.12
74-88-4	Iodomethane	10.8		5.0	0.19
110-57-6	trans-1,4-Dichloro-2-butene	15.4		5.0	0.18
126-98-7	Methacrylonitrile	201		5.0	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		74-132
460-00-4	4-Bromofluorobenzene	94		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120
1868-53-7	Dibromofluoromethane (Surr)	97		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56954.b\P30004.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 26-Jun-2017 09:58:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0056954-004
 Operator ID: Instrument ID: CVOAMS13
 Method: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56954.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Jun-2017 14:13:56 Calib Date: 14-Apr-2017 08:47:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: desais

Date: 26-Jun-2017 09:56:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.871	0.871	-0.001	87	15981	20.0	7.55	
2 Dichlorodifluoromethane	85	0.885	0.885	0.000	98	51898	20.0	9.21	
5 Vinyl chloride	62	1.021	1.021	0.000	97	92026	20.0	17.1	
4 Chloromethane	50	1.028	1.028	0.000	69	128178	20.0	19.2	
3 Butadiene	54	1.028	1.028	0.000	94	58789	20.0	13.7	
6 Bromomethane	94	1.186	1.186	0.000	99	41572	20.0	19.1	
7 Chloroethane	64	1.243	1.243	0.000	99	43785	20.0	17.8	
9 Pentane	72	1.315	1.315	0.000	96	17318	40.0	26.5	
8 Trichlorofluoromethane	101	1.315	1.315	0.000	65	67625	20.0	11.0	
10 Dichlorofluoromethane	67	1.350	1.350	0.000	98	132709	20.0	18.1	
11 2-Methyl-1,3-butadiene	67	1.472	1.472	0.000	95	79228	20.0	17.1	
12 Ethyl ether	59	1.479	1.479	0.000	94	60897	20.0	16.1	
13 Ethanol	46	1.565	1.573	-0.008	100	14043	800.0	839.3	
15 1,2-Dichloro-1,1,2-trifluo	67	1.580	1.580	0.000	85	72742	20.0	15.5	
14 1,1-Dichloroethene	96	1.580	1.580	0.000	96	59275	20.0	14.9	
16 Carbon disulfide	76	1.601	1.601	0.000	98	195724	20.0	13.1	
17 1,1,2-Trichloro-1,2,2-trif	101	1.608	1.608	0.000	92	50984	20.0	14.3	
18 Iodomethane	142	1.666	1.658	0.008	96	60561	20.0	10.8	
19 Cyclopentene	67	1.744	1.744	0.000	95	145986	20.0	14.3	
20 Acrolein	56	1.766	1.766	0.000	95	22879	40.0	42.7	
21 3-Chloro-1-propene	76	1.845	1.845	0.000	95	38856	20.0	15.3	
22 Isopropyl alcohol	45	1.873	1.873	0.000	99	37540	200.0	203.7	
23 Methylene Chloride	84	1.909	1.909	0.000	90	82664	20.0	16.9	
24 Acetone	43	1.931	1.931	0.000	89	76749	100.0	62.8	
25 trans-1,2-Dichloroethene	96	2.002	1.995	0.007	92	72289	20.0	16.1	
26 Methyl acetate	43	2.009	2.009	0.000	98	231996	100.0	87.6	
27 Hexane	57	2.052	2.052	0.000	85	112310	20.0	14.9	
28 Methyl tert-butyl ether	73	2.067	2.067	0.000	94	203172	20.0	15.8	
* 29 TBA-d9 (IS)	65	2.088	2.088	0.000	99	287997	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.131	2.138	-0.007	100	60798	200.0	187.0	
31 Acetonitrile	41	2.217	2.217	0.000	100	95322	200.0	266.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Isopropyl ether	45	2.303	2.303	0.000	97	248678	20.0	20.0	
33 2-Chloro-1,3-butadiene	88	2.360	2.360	0.000	87	64542	20.0	17.3	
34 1,1-Dichloroethane	63	2.375	2.375	0.000	99	135879	20.0	18.4	
35 Acrylonitrile	53	2.403	2.403	0.000	95	290943	200.0	197.8	
36 Tert-butyl ethyl ether	59	2.539	2.540	-0.001	91	228596	20.0	17.5	
37 Vinyl acetate	43	2.547	2.547	0.000	99	307564	40.0	35.0	
38 cis-1,2-Dichloroethene	96	2.733	2.733	0.000	98	87110	20.0	17.1	
39 2,2-Dichloropropane	77	2.805	2.805	0.000	97	86674	20.0	13.2	
40 Cyclohexane	56	2.869	2.869	0.000	87	98906	20.0	16.8	
41 Chlorobromomethane	128	2.869	2.869	0.000	90	44788	20.0	17.9	
42 Chloroform	83	2.933	2.933	0.000	100	125324	20.0	17.1	
43 Carbon tetrachloride	117	3.027	3.027	0.000	97	75421	20.0	14.2	
44 Ethyl acetate	70	3.034	3.034	0.000	99	17770	40.0	35.8	
45 Methyl acrylate	55	3.034	3.034	0.000	97	65114	20.0	18.8	
46 Tetrahydrofuran	42	3.048	3.048	0.000	94	53205	40.0	35.7	
\$ 47 Dibromofluoromethane (Surr	113	3.070	3.062	0.008	98	153786	50.0	48.6	
48 1,1,1-Trichloroethane	97	3.077	3.077	0.000	97	95012	20.0	14.7	
* 49 2-Butanone-d5	46	3.127	3.127	0.000	98	389681	250.0	250.0	
50 2-Butanone (MEK)	72	3.163	3.163	0.000	99	48289	100.0	79.1	
51 1,1-Dichloropropene	75	3.170	3.170	0.000	99	97187	20.0	16.1	
52 Isooctane	57	3.263	3.263	0.000	98	139311	20.0	15.5	
53 n-Heptane	57	3.356	3.356	0.000	89	34111	20.0	15.6	
54 Benzene	78	3.363	3.363	0.000	95	327047	20.0	18.4	
55 Propionitrile	54	3.385	3.385	0.000	99	106751	200.0	245.4	
56 Methacrylonitrile	67	3.406	3.406	0.000	89	342383	200.0	200.9	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.471	3.471	0.000	94	164832	50.0	46.4	
58 Tert-amyl methyl ether	73	3.478	3.478	0.000	99	217937	20.0	17.5	
59 1,2-Dichloroethane	62	3.528	3.528	0.000	97	95689	20.0	16.7	
60 Isobutyl alcohol	43	3.592	3.600	-0.008	95	58380	500.0	486.3	
61 t-Amyl alcohol	59	3.664	3.671	-0.007	96	37631	200.0	119.5	
* 62 Fluorobenzene	96	3.714	3.714	0.000	99	876887	50.0	50.0	
63 Isopropyl acetate	43	3.779	3.779	0.000	99	118698	20.0	16.9	
64 Methylcyclohexane	83	3.843	3.843	0.000	94	97053	20.0	16.8	
65 Trichloroethene	130	3.865	3.865	0.000	95	86557	20.0	17.6	
66 2-ethoxy-2-methyl butane	59	4.108	4.108	0.000	96	171769	20.0	16.7	
67 Dibromomethane	93	4.237	4.237	0.000	94	50625	20.0	17.6	
68 n-Butanol	56	4.237	4.237	0.000	53	37722	500.0	491.3	
69 1,2-Dichloropropane	63	4.330	4.330	0.000	94	85181	20.0	19.3	
70 Ethyl acrylate	55	4.402	4.402	0.000	98	85254	20.0	17.4	
71 Dichlorobromomethane	83	4.409	4.409	0.000	99	90425	20.0	16.1	
* 72 1,4-Dioxane-d8	96	4.595	4.595	0.000	40	45778	1000.0	1000.0	
73 Methyl methacrylate	100	4.602	4.602	0.000	88	43134	40.0	34.5	
74 1,4-Dioxane	88	4.624	4.624	0.000	95	19619	400.0	372.5	
75 n-Propyl acetate	43	4.760	4.760	0.000	97	90300	20.0	17.4	
76 2-Chloroethyl vinyl ether	63	5.032	5.032	0.000	96	24246	20.0	18.0	
77 cis-1,3-Dichloropropene	75	5.061	5.061	0.000	89	121525	20.0	16.8	
\$ 78 Toluene-d8 (Surr)	98	5.261	5.261	0.000	99	661701	50.0	48.6	
79 Toluene	91	5.312	5.312	0.000	93	354255	20.0	17.3	
80 Epichlorohydrin	57	5.340	5.347	-0.007	99	146151	400.0	362.7	
81 2-Nitropropane	41	5.577	5.569	0.008	96	23294	40.0	24.0	
82 Tetrachloroethene	166	5.749	5.749	0.000	96	85830	20.0	16.4	
83 4-Methyl-2-pentanone (MIBK	43	5.784	5.784	0.000	94	322964	100.0	88.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 trans-1,3-Dichloropropene	75	5.820	5.820	0.000	91	107482	20.0	16.2	
85 1,1,2-Trichloroethane	83	5.992	5.999	-0.007	96	61702	20.0	18.2	
86 Ethyl methacrylate	69	6.071	6.071	0.000	87	93313	20.0	16.3	
87 Chlorodibromomethane	129	6.200	6.200	0.000	98	73241	20.0	15.7	
88 1,3-Dichloropropane	76	6.314	6.314	0.000	90	131660	20.0	19.1	
89 Ethylene Dibromide	107	6.443	6.451	-0.008	97	73871	20.0	17.1	
90 n-Butyl acetate	43	6.787	6.787	0.000	98	90536	20.0	16.4	
91 2-Hexanone	43	6.852	6.852	0.000	94	212094	100.0	87.5	
* 92 Chlorobenzene-d5	117	7.138	7.138	0.000	84	683683	50.0	50.0	
93 Chlorobenzene	112	7.160	7.160	0.000	96	239233	20.0	18.1	
94 Ethylbenzene	106	7.246	7.246	0.000	97	124344	20.0	17.8	
95 1,1,1,2-Tetrachloroethane	131	7.274	7.274	0.000	94	73849	20.0	16.1	
96 m-Xylene & p-Xylene	106	7.461	7.461	-0.001	95	148237	20.0	17.2	
97 o-Xylene	106	8.055	8.055	0.000	95	145872	20.0	17.6	
98 Bromoform	173	8.120	8.120	0.000	96	46465	20.0	14.3	
99 Styrene	104	8.141	8.141	0.000	97	241427	20.0	17.4	
100 n-Butyl acrylate	73	8.463	8.463	0.000	99	47398	20.0	15.4	
101 Isopropylbenzene	105	8.542	8.542	0.000	95	362950	20.0	17.9	
102 Amyl acetate (mixed isomer)	43	8.879	8.879	0.000	93	99676	20.0	15.2	
\$ 103 4-Bromofluorobenzene	174	8.922	8.922	0.000	96	226536	50.0	47.2	
104 Bromobenzene	156	9.029	9.029	0.000	94	106897	20.0	16.9	
105 N-Propylbenzene	91	9.180	9.180	0.000	100	411601	20.0	17.5	
106 1,1,2,2-Tetrachloroethane	83	9.323	9.323	0.000	98	97389	20.0	17.7	
107 2-Chlorotoluene	91	9.352	9.352	0.000	96	299327	20.0	17.1	
108 4-Ethyltoluene	105	9.366	9.366	0.000	98	365762	20.0	17.0	
109 1,2,3-Trichloropropane	110	9.459	9.459	0.000	97	27714	20.0	15.5	
110 1,3,5-Trimethylbenzene	105	9.523	9.523	0.000	94	299029	20.0	16.9	
111 trans-1,4-Dichloro-2-buten	53	9.588	9.588	0.000	87	21382	20.0	15.4	
112 4-Chlorotoluene	91	9.624	9.617	0.007	96	276439	20.0	17.0	
113 tert-Butylbenzene	119	9.989	9.996	-0.007	96	245718	20.0	17.2	
114 Butyl Methacrylate	87	10.125	10.125	0.000	49	86835	20.0	14.4	
115 1,2,4-Trimethylbenzene	105	10.125	10.125	0.000	96	315040	20.0	17.0	
116 sec-Butylbenzene	105	10.290	10.290	0.000	99	354684	20.0	17.5	
117 1,3-Dichlorobenzene	146	10.548	10.548	0.000	98	197729	20.0	17.8	
118 4-Isopropyltoluene	119	10.562	10.562	0.000	98	306708	20.0	17.0	
* 119 1,4-Dichlorobenzene-d4	152	10.684	10.684	0.000	94	403782	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.705	10.705	0.000	96	206093	20.0	17.2	
138 1,2,3-Trimethylbenzene	105	10.813	10.813	0.000	0	332330	20.0	16.9	
121 2,3-Dihydroindene	117	10.992	10.992	0.000	94	341118	20.0	17.4	
122 Benzyl chloride	91	11.164	11.164	0.000	98	165629	20.0	12.8	
123 p-Diethylbenzene	119	11.171	11.171	0.000	94	175702	20.0	16.8	
124 n-Butylbenzene	91	11.250	11.250	0.000	98	263361	20.0	17.5	
125 1,2-Dichlorobenzene	146	11.357	11.357	0.000	98	194612	20.0	17.9	
126 1,2,4,5-Tetramethylbenzene	119	12.245	12.245	0.000	98	286115	20.0	15.9	
127 1,2-Dibromo-3-Chloropropan	157	12.396	12.396	0.000	92	17184	20.0	15.2	
128 1,3,5-Trichlorobenzene	180	12.439	12.439	0.000	97	136377	20.0	17.5	
129 1,2,4-Trichlorobenzene	180	13.105	13.105	0.000	94	122990	20.0	17.2	
130 Hexachlorobutadiene	225	13.119	13.119	0.000	97	42295	20.0	15.5	
131 Naphthalene	128	13.399	13.399	0.000	100	267556	20.0	15.3	
132 1,2,3-Trichlorobenzene	180	13.563	13.563	0.000	96	109539	20.0	16.8	
S 133 1,2-Dichloroethene, Total	100				0		40.0	33.2	
S 134 1,3-Dichloropropene, Total	100				0		40.0	33.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 135 Xylenes, Total

100

0

40.0

34.9

S 137 Total BTEX

1

0

100.0

88.4

Reagents:

8260MIX1COMB_00058

Amount Added: 20.00

Units: uL

ACROLEIN W_00065

Amount Added: 4.00

Units: uL

GASES Li_00213

Amount Added: 20.00

Units: uL

8260ISNEW_00112

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00158

Amount Added: 1.00

Units: uL

Run Reagent

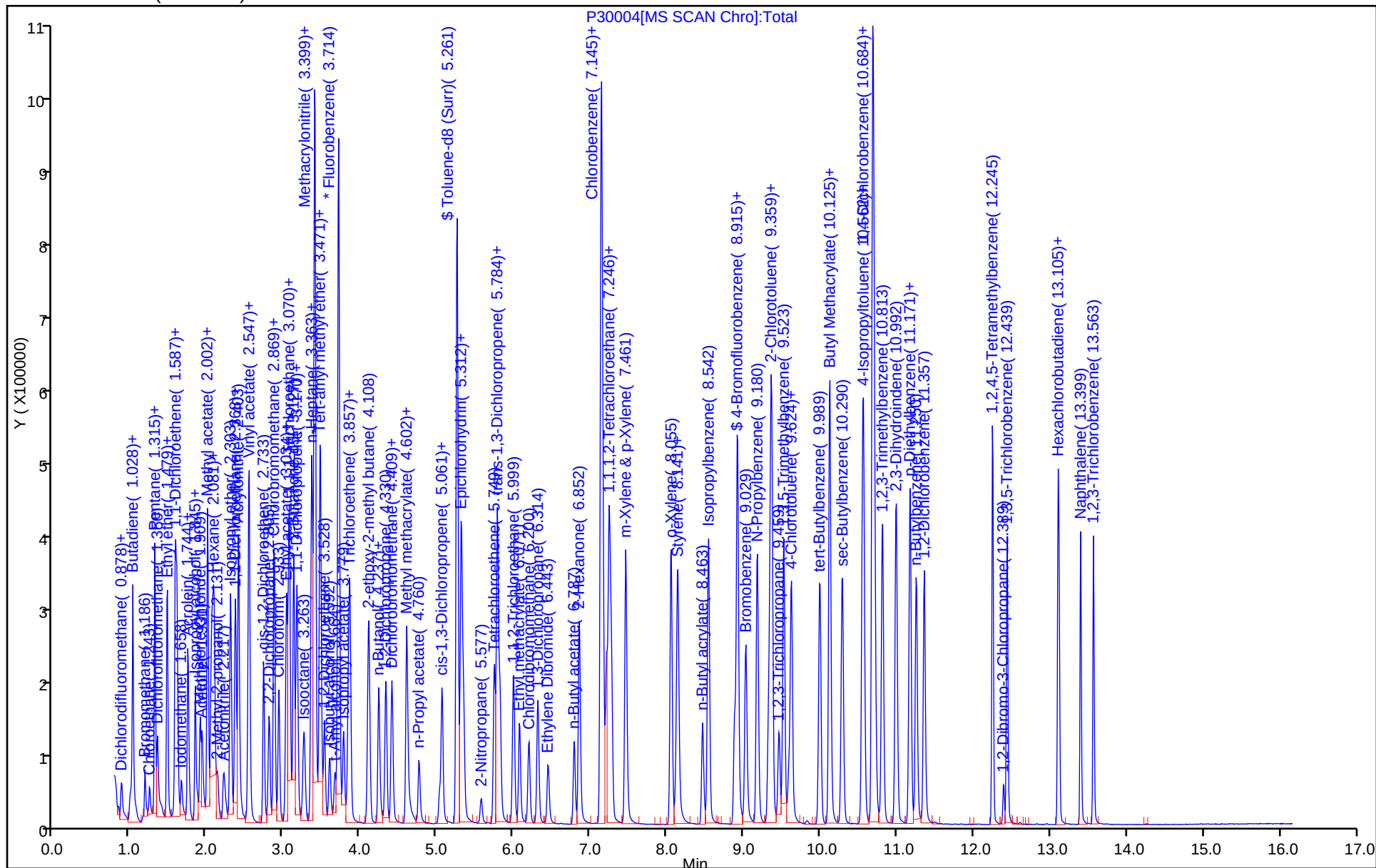
Operator ID:

Worklist Smp#: 4

ALS Bottle#: 3

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.: 460-135385-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 460-445936/5

Matrix: Water Lab File ID: P30030.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 06/26/2017 23:11

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.: 445936 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	67.8		50	1.1
75-05-8	Acetonitrile	288		10	1.3
71-43-2	Benzene	20.0		1.0	0.090
100-44-7	Benzyl chloride	14.3		10	0.15
75-27-4	Bromodichloromethane	17.2	J	50	0.15
75-25-2	Bromoform	14.4		5.0	0.18
74-83-9	Bromomethane	21.0		5.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	94.7		5.0	0.63
75-15-0	Carbon disulfide	15.6	J	60	0.22
56-23-5	Carbon tetrachloride	16.4		5.0	0.33
108-90-7	Chlorobenzene	20.0		5.0	0.24
75-00-3	Chloroethane	16.3		5.0	0.37
110-75-8	2-Chloroethyl vinyl ether	18.9	J	20	0.17
67-66-3	Chloroform	18.7		7.0	0.22
74-87-3	Chloromethane	18.3		5.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.1		1.0	0.16
124-48-1	Dibromochloromethane	16.6	J	50	0.22
74-95-3	Dibromomethane	18.0		5.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	14.5		1.0	0.23
95-50-1	1,2-Dichlorobenzene	19.6		3.0	0.22
541-73-1	1,3-Dichlorobenzene	20.2		3.0	0.33
106-46-7	1,4-Dichlorobenzene	19.1		3.0	0.33
75-71-8	Dichlorodifluoromethane	14.6		5.0	0.14
75-34-3	1,1-Dichloroethane	19.8		5.0	0.24
107-06-2	1,2-Dichloroethane	17.2		1.0	0.25
75-35-4	1,1-Dichloroethene	17.0		5.0	0.34
540-59-0	1,2-Dichloroethene, Total	36.9		2.0	0.18
78-87-5	1,2-Dichloropropane	20.6		1.0	0.18
100-41-4	Ethylbenzene	19.5		5.0	0.30
78-93-3	2-Butanone (MEK)	85.9		50	2.2
75-09-2	Methylene Chloride	17.8		5.0	0.21
80-62-6	Methyl methacrylate	33.8	J	50	0.21
179601-23-1	m&p-Xylene	19.7		10	0.28
95-47-6	o-Xylene	19.6		5.0	0.32
100-42-5	Styrene	19.3		5.0	0.17
630-20-6	1,1,1,2-Tetrachloroethane	17.0		5.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-135385-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 460-445936/5

Matrix: Water Lab File ID: P30030.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 06/26/2017 23:11

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.: 445936 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	17.7		5.0	0.19
127-18-4	Tetrachloroethene	18.9		5.0	0.12
156-60-5	trans-1,2-Dichloroethene	17.9		5.0	0.18
10061-02-6	trans-1,3-Dichloropropene	17.4		1.0	0.19
71-55-6	1,1,1-Trichloroethane	16.9		5.0	0.28
79-00-5	1,1,2-Trichloroethane	19.1		1.0	0.080
79-01-6	Trichloroethene	19.1		5.0	0.22
96-18-4	1,2,3-Trichloropropane	16.2		1.0	0.36
108-88-3	Toluene	19.0		5.0	0.25
108-05-4	Vinyl acetate	35.8		5.0	0.48
75-01-4	Vinyl chloride	17.2		2.0	0.060
1330-20-7	Xylenes, Total	39.3		15	0.28
591-78-6	2-Hexanone	93.2		50	0.72
156-59-2	cis-1,2-Dichloroethene	19.0		5.0	0.26
106-93-4	1,2-Dibromoethane	17.5		5.0	0.19
97-63-2	Ethyl methacrylate	16.8		5.0	0.12
74-88-4	Iodomethane	12.6		5.0	0.19
110-57-6	trans-1,4-Dichloro-2-butene	16.7		5.0	0.18
126-98-7	Methacrylonitrile	196		5.0	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		74-132
460-00-4	4-Bromofluorobenzene	94		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120
1868-53-7	Dibromofluoromethane (Surr)	91		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56988.b\P30030.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 26-Jun-2017 23:11:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0056988-005
 Operator ID: Instrument ID: CVOAMS13
 Method: \\ChromNA\Edison\ChromData\CVOAMS13\20170626-56988.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 27-Jun-2017 16:04:22 Calib Date: 14-Apr-2017 08:47:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS13\20170414-53706.b\P26316.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK012

First Level Reviewer: starzecm

Date: 27-Jun-2017 00:05:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.871	0.871	0.001	87	28923	20.0	13.3	
2 Dichlorodifluoromethane	85	0.885	0.885	0.000	98	84188	20.0	14.6	
5 Vinyl chloride	62	1.021	1.021	0.000	98	95194	20.0	17.2	
4 Chloromethane	50	1.028	1.028	0.000	99	125023	20.0	18.3	
3 Butadiene	54	1.028	1.028	0.000	93	73065	20.0	16.5	
6 Bromomethane	94	1.186	1.186	0.000	99	42074	20.0	21.0	
7 Chloroethane	64	1.243	1.243	0.000	99	35630	20.0	16.3	
9 Pentane	72	1.315	1.315	0.000	96	24762	40.0	42.6	
8 Trichlorofluoromethane	101	1.315	1.315	0.000	62	86070	20.0	13.6	
10 Dichlorofluoromethane	67	1.350	1.350	0.000	99	128635	20.0	17.1	
11 2-Methyl-1,3-butadiene	67	1.472	1.472	0.000	94	104090	20.0	22.0	
12 Ethyl ether	59	1.479	1.479	0.000	95	66448	20.0	17.1	
13 Ethanol	46	1.573	1.572	0.001	29	13977	800.0	939.2	
15 1,2-Dichloro-1,1,2-trifluo	67	1.580	1.580	0.000	85	86700	20.0	18.0	
14 1,1-Dichloroethene	96	1.580	1.580	0.000	96	69272	20.0	17.0	
16 Carbon disulfide	76	1.594	1.594	0.000	98	237643	20.0	15.6	
17 1,1,2-Trichloro-1,2,2-trif	101	1.608	1.608	0.000	99	71558	20.0	19.5	
18 Iodomethane	142	1.658	1.666	-0.008	96	72482	20.0	12.6	
19 Cyclopentene	67	1.744	1.744	0.000	95	192060	20.0	18.4	
20 Acrolein	56	1.766	1.766	0.000	94	20186	40.0	36.7	
21 3-Chloro-1-propene	76	1.845	1.845	0.000	95	44733	20.0	17.1	
22 Isopropyl alcohol	45	1.873	1.873	0.000	98	34982	200.0	213.5	
23 Methylene Chloride	84	1.909	1.909	0.000	90	89119	20.0	17.8	
24 Acetone	43	1.931	1.931	0.000	88	76470	100.0	67.8	
25 trans-1,2-Dichloroethene	96	1.995	1.995	0.000	93	82489	20.0	17.9	
26 Methyl acetate	43	2.009	2.002	0.007	98	234328	100.0	86.3	
27 Hexane	57	2.052	2.052	0.000	88	150232	20.0	19.5	
28 Methyl tert-butyl ether	73	2.067	2.067	0.000	90	211399	20.0	16.0	
* 29 TBA-d9 (IS)	65	2.088	2.088	0.000	98	256228	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.138	2.131	0.007	100	54936	200.0	189.9	
31 Acetonitrile	41	2.217	2.217	0.000	100	91652	200.0	287.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Isopropyl ether	45	2.303	2.303	0.000	97	269451	20.0	21.1	
33 2-Chloro-1,3-butadiene	88	2.360	2.360	0.000	87	77673	20.0	20.4	
34 1,1-Dichloroethane	63	2.375	2.375	0.000	100	150189	20.0	19.8	
35 Acrylonitrile	53	2.403	2.403	0.000	95	286854	200.0	190.1	
36 Tert-butyl ethyl ether	59	2.540	2.540	0.000	91	247276	20.0	18.5	
37 Vinyl acetate	43	2.547	2.547	0.000	100	322205	40.0	35.8	
38 cis-1,2-Dichloroethene	96	2.733	2.733	0.000	99	98915	20.0	19.0	
39 2,2-Dichloropropane	77	2.805	2.805	0.000	97	110250	20.0	16.4	
40 Cyclohexane	56	2.869	2.869	0.000	88	139373	20.0	23.1	
41 Chlorobromomethane	128	2.869	2.869	0.000	82	47786	20.0	18.6	
42 Chloroform	83	2.934	2.933	0.001	99	141041	20.0	18.7	
43 Carbon tetrachloride	117	3.027	3.027	0.000	97	89004	20.0	16.4	
44 Ethyl acetate	70	3.034	3.034	0.000	99	16916	40.0	36.9	
45 Methyl acrylate	55	3.034	3.034	0.000	98	64114	20.0	18.0	
46 Tetrahydrofuran	42	3.048	3.048	0.000	93	51927	40.0	37.8	
\$ 47 Dibromofluoromethane (Surr	113	3.062	3.062	0.000	99	148005	50.0	45.6	
48 1,1,1-Trichloroethane	97	3.077	3.077	0.000	98	112067	20.0	16.9	
* 49 2-Butanone-d5	46	3.127	3.127	0.000	98	359467	250.0	250.0	
50 2-Butanone (MEK)	72	3.163	3.163	0.000	99	48371	100.0	85.9	
51 1,1-Dichloropropene	75	3.170	3.170	0.000	99	116329	20.0	18.8	
52 Isooctane	57	3.263	3.263	0.000	98	214124	20.0	23.2	
53 n-Heptane	57	3.356	3.356	0.000	87	51536	20.0	23.0	
54 Benzene	78	3.363	3.363	0.000	95	364306	20.0	20.0	
55 Propionitrile	54	3.385	3.385	0.000	98	107271	200.0	277.1	
56 Methacrylonitrile	67	3.406	3.399	0.007	89	342640	200.0	196.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.471	3.471	0.000	93	154349	50.0	42.4	
58 Tert-amyl methyl ether	73	3.471	3.471	0.000	99	228031	20.0	17.9	
59 1,2-Dichloroethane	62	3.528	3.528	0.000	97	100755	20.0	17.2	
60 Isobutyl alcohol	43	3.600	3.592	0.008	95	54461	500.0	509.9	
61 t-Amyl alcohol	59	3.664	3.664	0.000	95	37426	200.0	115.8	
* 62 Fluorobenzene	96	3.714	3.714	0.000	99	899368	50.0	50.0	
63 Isopropyl acetate	43	3.779	3.779	0.000	99	119192	20.0	16.6	
64 Methylcyclohexane	83	3.843	3.843	0.000	94	135001	20.0	22.8	
65 Trichloroethene	130	3.865	3.865	0.000	96	96640	20.0	19.1	
66 2-ethoxy-2-methyl butane	59	4.101	4.108	-0.007	96	190151	20.0	18.1	
68 n-Butanol	56	4.244	4.237	0.007	88	34675	500.0	507.6	
67 Dibromomethane	93	4.237	4.237	0.000	94	53147	20.0	18.0	
69 1,2-Dichloropropane	63	4.330	4.330	0.000	95	93098	20.0	20.6	
70 Ethyl acrylate	55	4.402	4.402	0.000	98	86420	20.0	17.2	
71 Dichlorobromomethane	83	4.409	4.409	0.000	99	99005	20.0	17.2	
* 72 1,4-Dioxane-d8	96	4.595	4.595	0.000	41	41633	1000.0	1000.0	
73 Methyl methacrylate	100	4.603	4.602	0.000	87	43282	40.0	33.8	
74 1,4-Dioxane	88	4.624	4.617	0.007	90	18837	400.0	393.3	
75 n-Propyl acetate	43	4.760	4.760	0.000	97	89869	20.0	16.9	
76 2-Chloroethyl vinyl ether	63	5.025	5.032	-0.007	97	26233	20.0	18.9	
77 cis-1,3-Dichloropropene	75	5.061	5.061	0.000	90	134234	20.0	18.1	
\$ 78 Toluene-d8 (Surr)	98	5.262	5.261	0.001	99	658967	50.0	47.3	
79 Toluene	91	5.312	5.312	0.000	93	398207	20.0	19.0	
80 Epichlorohydrin	57	5.340	5.340	0.000	99	144001	400.0	387.4	
81 2-Nitropropane	41	5.577	5.577	0.000	97	22143	40.0	22.2	
82 Tetrachloroethene	166	5.749	5.749	0.000	97	101085	20.0	18.9	
83 4-Methyl-2-pentanone (MIBK	43	5.784	5.784	0.000	95	320418	100.0	94.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 trans-1,3-Dichloropropene	75	5.820	5.820	0.000	92	118163	20.0	17.4	
85 1,1,2-Trichloroethane	83	5.999	5.999	0.000	96	66160	20.0	19.1	
86 Ethyl methacrylate	69	6.071	6.071	0.000	88	98559	20.0	16.8	
87 Chlorodibromomethane	129	6.200	6.200	0.000	98	79681	20.0	16.6	
88 1,3-Dichloropropane	76	6.314	6.314	0.000	91	138288	20.0	19.5	
89 Ethylene Dibromide	107	6.451	6.451	0.000	98	77588	20.0	17.5	
90 n-Butyl acetate	43	6.787	6.787	0.000	98	92042	20.0	16.3	
91 2-Hexanone	43	6.852	6.852	0.000	94	208220	100.0	93.2	
* 92 Chlorobenzene-d5	117	7.138	7.138	0.000	84	700862	50.0	50.0	
93 Chlorobenzene	112	7.160	7.160	0.000	96	270487	20.0	20.0	
94 Ethylbenzene	106	7.246	7.246	0.000	98	139413	20.0	19.5	
95 1,1,1,2-Tetrachloroethane	131	7.274	7.274	0.000	95	80149	20.0	17.0	
96 m-Xylene & p-Xylene	106	7.461	7.461	0.001	95	173649	20.0	19.7	
97 o-Xylene	106	8.055	8.055	0.000	95	166389	20.0	19.6	
98 Bromoform	173	8.120	8.120	0.000	96	48007	20.0	14.4	
99 Styrene	104	8.141	8.141	0.000	98	274097	20.0	19.3	
100 n-Butyl acrylate	73	8.463	8.463	0.000	98	49150	20.0	15.6	
101 Isopropylbenzene	105	8.542	8.542	0.000	95	425294	20.0	20.4	
102 Amyl acetate (mixed isomer	43	8.879	8.879	0.000	92	104605	20.0	15.8	
\$ 103 4-Bromofluorobenzene	174	8.922	8.922	0.000	96	230036	50.0	46.8	
104 Bromobenzene	156	9.029	9.029	0.000	95	120847	20.0	18.9	
105 N-Propylbenzene	91	9.180	9.180	0.000	100	481874	20.0	20.2	
106 1,1,2,2-Tetrachloroethane	83	9.323	9.323	0.000	98	98639	20.0	17.7	
107 2-Chlorotoluene	91	9.352	9.352	0.000	97	339461	20.0	19.2	
108 4-Ethyltoluene	105	9.366	9.366	0.000	98	425502	20.0	19.6	
109 1,2,3-Trichloropropane	110	9.459	9.459	0.000	97	29280	20.0	16.2	
110 1,3,5-Trimethylbenzene	105	9.524	9.523	0.001	94	347286	20.0	19.4	
111 trans-1,4-Dichloro-2-buten	53	9.595	9.588	0.007	88	23578	20.0	16.7	
112 4-Chlorotoluene	91	9.624	9.624	0.000	96	316571	20.0	19.2	
113 tert-Butylbenzene	119	9.989	9.996	-0.007	96	290132	20.0	20.0	
114 Butyl Methacrylate	87	10.125	10.125	0.000	49	98602	20.0	16.1	
115 1,2,4-Trimethylbenzene	105	10.125	10.125	0.000	96	362331	20.0	19.3	
116 sec-Butylbenzene	105	10.283	10.290	-0.007	99	428670	20.0	20.9	
117 1,3-Dichlorobenzene	146	10.548	10.548	0.000	98	227409	20.0	20.2	
118 4-Isopropyltoluene	119	10.562	10.562	0.000	98	366667	20.0	20.1	
* 119 1,4-Dichlorobenzene-d4	152	10.684	10.684	0.000	94	409160	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.705	10.705	0.000	96	231629	20.0	19.1	
138 1,2,3-Trimethylbenzene	105	10.813	10.813	0.000	0	381033	20.0	19.2	
121 2,3-Dihydroindene	117	10.992	10.992	0.000	94	388200	20.0	19.5	
122 Benzyl chloride	91	11.164	11.164	0.000	97	187199	20.0	14.3	
123 p-Diethylbenzene	119	11.171	11.171	0.000	95	205902	20.0	19.4	
124 n-Butylbenzene	91	11.250	11.250	0.000	98	315263	20.0	20.7	
125 1,2-Dichlorobenzene	146	11.357	11.357	0.000	98	216054	20.0	19.6	
126 1,2,4,5-Tetramethylbenzene	119	12.245	12.245	0.000	98	336379	20.0	18.5	
127 1,2-Dibromo-3-Chloropropan	157	12.396	12.396	0.000	93	16609	20.0	14.5	
128 1,3,5-Trichlorobenzene	180	12.439	12.439	0.000	97	153869	20.0	19.5	
129 1,2,4-Trichlorobenzene	180	13.105	13.105	0.000	94	135989	20.0	18.8	
130 Hexachlorobutadiene	225	13.119	13.119	0.000	97	52590	20.0	19.1	
131 Naphthalene	128	13.399	13.399	0.000	100	279940	20.0	15.8	
132 1,2,3-Trichlorobenzene	180	13.563	13.563	0.000	96	118336	20.0	17.9	
S 133 1,2-Dichloroethene, Total	100				0		40.0	36.9	
S 134 1,3-Dichloropropene, Total	100				0		40.0	35.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 135 Xylenes, Total

100

0

40.0

39.3

S 137 Total BTEX

1

0

100.0

97.8

Reagents:

GASES Li_00213

Amount Added: 20.00

Units: uL

8260MIX1COMB_00058

Amount Added: 20.00

Units: uL

ACROLEIN W_00065

Amount Added: 4.00

Units: uL

8260ISNEW_00112

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00158

Amount Added: 1.00

Units: uL

Run Reagent

Operator ID:

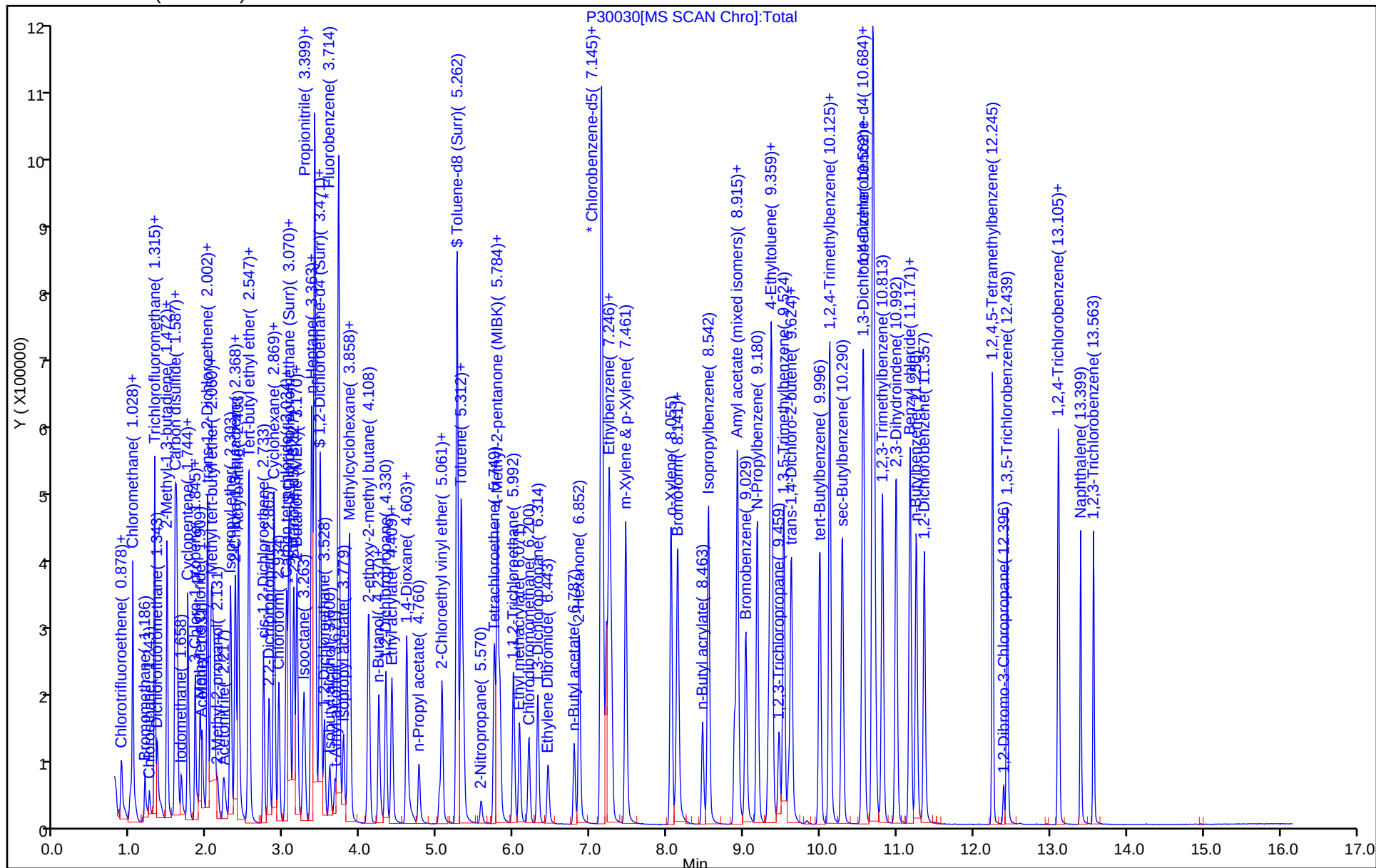
Worklist Smp#: 5

Client ID:

ALS Bottle#: 4

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.: 460-135385-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 460-446090/5

Matrix: Water Lab File ID: J573489.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 06/27/2017 11:23

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.: 446090 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	89.5		50	1.1
75-05-8	Acetonitrile	157		10	1.3
71-43-2	Benzene	17.4		1.0	0.090
100-44-7	Benzyl chloride	19.5		10	0.15
75-27-4	Bromodichloromethane	18.2	J	50	0.15
75-25-2	Bromoform	19.6		5.0	0.18
74-83-9	Bromomethane	18.5		5.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	89.6		5.0	0.63
75-15-0	Carbon disulfide	16.2	J	60	0.22
56-23-5	Carbon tetrachloride	21.9		5.0	0.33
108-90-7	Chlorobenzene	17.9		5.0	0.24
75-00-3	Chloroethane	17.0		5.0	0.37
110-75-8	2-Chloroethyl vinyl ether	17.0	J	20	0.17
67-66-3	Chloroform	18.6		7.0	0.22
74-87-3	Chloromethane	13.2		5.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.4		1.0	0.16
124-48-1	Dibromochloromethane	20.2	J	50	0.22
74-95-3	Dibromomethane	18.2		5.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	23.4		1.0	0.23
95-50-1	1,2-Dichlorobenzene	18.4		3.0	0.22
541-73-1	1,3-Dichlorobenzene	19.3		3.0	0.33
106-46-7	1,4-Dichlorobenzene	18.7		3.0	0.33
75-71-8	Dichlorodifluoromethane	17.7		5.0	0.14
75-34-3	1,1-Dichloroethane	16.9		5.0	0.24
107-06-2	1,2-Dichloroethane	18.4		1.0	0.25
75-35-4	1,1-Dichloroethene	20.1		5.0	0.34
540-59-0	1,2-Dichloroethene, Total	39.0		2.0	0.18
78-87-5	1,2-Dichloropropane	15.7		1.0	0.18
100-41-4	Ethylbenzene	18.9		5.0	0.30
78-93-3	2-Butanone (MEK)	97.2		50	2.2
75-09-2	Methylene Chloride	17.5		5.0	0.21
80-62-6	Methyl methacrylate	41.0	J	50	0.21
179601-23-1	m&p-Xylene	19.2		10	0.28
95-47-6	o-Xylene	19.3		5.0	0.32
100-42-5	Styrene	19.2		5.0	0.17
630-20-6	1,1,1,2-Tetrachloroethane	18.0		5.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-135385-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 460-446090/5

Matrix: Water Lab File ID: J573489.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 06/27/2017 11:23

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.: 446090 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	16.6		5.0	0.19
127-18-4	Tetrachloroethene	22.0		5.0	0.12
156-60-5	trans-1,2-Dichloroethene	19.1		5.0	0.18
10061-02-6	trans-1,3-Dichloropropene	17.7		1.0	0.19
71-55-6	1,1,1-Trichloroethane	20.0		5.0	0.28
79-00-5	1,1,2-Trichloroethane	17.1		1.0	0.080
79-01-6	Trichloroethene	19.1		5.0	0.22
96-18-4	1,2,3-Trichloropropane	17.7		1.0	0.36
108-88-3	Toluene	17.6		5.0	0.25
108-05-4	Vinyl acetate	35.2		5.0	0.48
75-01-4	Vinyl chloride	15.6		2.0	0.060
1330-20-7	Xylenes, Total	38.5		15	0.28
591-78-6	2-Hexanone	90.4		50	0.72
156-59-2	cis-1,2-Dichloroethene	19.9		5.0	0.26
106-93-4	1,2-Dibromoethane	17.7		5.0	0.19
97-63-2	Ethyl methacrylate	17.0		5.0	0.12
74-88-4	Iodomethane	18.8		5.0	0.19
110-57-6	trans-1,4-Dichloro-2-butene	15.6		5.0	0.18
126-98-7	Methacrylonitrile	183		5.0	0.96

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		74-132
460-00-4	4-Bromofluorobenzene	109		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120
1868-53-7	Dibromofluoromethane (Surr)	104		72-131

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\J573489.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 27-Jun-2017 11:23:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0057019-005
 Operator ID: Instrument ID: CVOAMS8
 Method: \\ChromNA\Edison\ChromData\CVOAMS8\20170627-57019.b\8260_W8.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 27-Jun-2017 17:15:59 Calib Date: 23-Jun-2017 02:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS8\20170622-56810.b\J573280.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: XAWRK012

First Level Reviewer: martineze

Date: 27-Jun-2017 11:42:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.593	0.593	0.000	90	4511	20.0	20.2	
2 Dichlorodifluoromethane	85	0.623	0.623	0.000	99	45520	20.0	17.7	
3 Chloromethane	50	0.823	0.823	0.000	99	35999	20.0	13.2	
4 Vinyl chloride	62	0.922	0.922	0.000	97	39544	20.0	15.6	
5 Butadiene	54	0.958	0.958	0.000	97	35419	20.0	16.3	
6 Bromomethane	94	1.263	1.263	0.000	95	30044	20.0	18.5	
7 Chloroethane	64	1.375	1.375	0.000	99	24589	20.0	17.0	
8 Dichlorofluoromethane	67	1.598	1.598	0.000	95	64725	20.0	18.7	
9 Trichlorofluoromethane	101	1.598	1.598	0.000	89	67875	20.0	23.0	
10 Pentane	72	1.651	1.651	0.000	96	9875	40.0	47.2	
11 Ethanol	46	1.868	1.868	0.000	64	4937	800.0	777.3	
12 Ethyl ether	59	1.904	1.904	0.000	95	24549	20.0	15.5	
13 2-Methyl-1,3-butadiene	53	1.921	1.921	0.000	96	25750	20.0	18.1	
14 1,2-Dichloro-1,1,2-trifluo	117	1.962	1.962	0.000	90	33799	20.0	21.9	
15 1,1,2-Trichloro-1,2,2-trif	101	2.103	2.103	0.000	97	35711	20.0	22.8	
16 Acrolein	56	2.121	2.121	0.000	26	4066	40.0	34.4	
17 1,1-Dichloroethene	96	2.150	2.150	0.000	97	35555	20.0	20.1	
18 Acetone	43	2.274	2.274	0.000	87	41453	100.0	89.5	
19 Iodomethane	142	2.327	2.327	0.000	98	45841	20.0	18.8	
20 Carbon disulfide	76	2.362	2.362	0.000	99	101896	20.0	16.2	
21 Isopropyl alcohol	45	2.403	2.403	0.000	99	15421	200.0	211.3	
22 3-Chloro-1-propene	76	2.556	2.556	0.000	85	19578	20.0	19.3	
23 Cyclopentene	67	2.562	2.562	0.000	93	80480	20.0	19.8	
24 Methyl acetate	43	2.579	2.579	0.000	99	102863	100.0	80.6	
25 Acetonitrile	41	2.650	2.650	0.000	93	37425	200.0	157.0	
26 Methylene Chloride	84	2.709	2.709	0.000	86	37130	20.0	17.5	
* 27 TBA-d9 (IS)	65	2.726	2.726	0.000	90	111248	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.814	2.814	0.000	99	24511	200.0	204.1	
29 Methyl tert-butyl ether	73	2.914	2.914	0.000	97	91132	20.0	18.7	
30 trans-1,2-Dichloroethene	96	2.938	2.938	0.000	92	36995	20.0	19.1	
31 Acrylonitrile	53	3.049	3.049	0.000	93	110288	200.0	168.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	57	3.132	3.132	0.000	95	31067	20.0	18.7	
33 Isopropyl ether	45	3.402	3.402	0.000	96	92291	20.0	16.1	
34 1,1-Dichloroethane	63	3.431	3.431	0.000	100	57066	20.0	16.9	
35 Vinyl acetate	43	3.467	3.467	0.000	100	116988	40.0	35.2	
36 2-Chloro-1,3-butadiene	88	3.484	3.484	0.000	89	32515	20.0	20.3	
37 Tert-butyl ethyl ether	59	3.784	3.784	0.000	89	94572	20.0	17.8	
38 2,2-Dichloropropane	79	4.019	4.019	0.000	70	17074	20.0	23.0	
* 39 2-Butanone-d5	46	4.036	4.036	0.000	96	134854	250.0	250.0	
40 cis-1,2-Dichloroethene	96	4.072	4.072	0.000	91	42997	20.0	19.9	
41 2-Butanone (MEK)	72	4.095	4.095	0.000	97	16135	100.0	97.2	
42 Ethyl acetate	70	4.101	4.101	0.000	95	6838	40.0	48.8	
43 Methyl acrylate	55	4.166	4.166	0.000	99	26607	20.0	17.8	
44 Propionitrile	54	4.266	4.266	0.000	99	40546	200.0	184.0	
45 Tetrahydrofuran	72	4.336	4.336	0.000	68	7822	40.0	42.8	
46 Chlorobromomethane	128	4.342	4.342	0.000	75	20375	20.0	21.5	
47 Methacrylonitrile	67	4.383	4.383	0.000	89	136792	200.0	183.2	
48 Chloroform	83	4.407	4.407	0.000	100	60770	20.0	18.6	
49 Cyclohexane	56	4.536	4.536	0.000	87	47583	20.0	19.0	
50 1,1,1-Trichloroethane	97	4.559	4.559	0.000	97	55624	20.0	20.0	
\$ 51 Dibromofluoromethane (Surr	113	4.595	4.595	0.000	97	76433	50.0	52.0	
52 Carbon tetrachloride	117	4.694	4.694	0.000	96	48949	20.0	21.9	
53 1,1-Dichloropropene	75	4.741	4.741	0.000	97	45233	20.0	18.5	
58 Isobutyl alcohol	43	4.924	4.924	0.000	67	31440	500.0	426.4	
54 Isooctane	57	4.929	4.929	0.000	93	61925	20.0	21.6	
55 Benzene	78	4.971	4.971	0.000	96	139614	20.0	17.4	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.000	5.000	0.000	98	84052	50.0	47.8	
57 Tert-amyl methyl ether	73	5.053	5.053	0.000	84	101316	20.0	18.0	
59 Isopropyl acetate	43	5.059	5.059	0.000	92	81301	20.0	16.0	
60 1,2-Dichloroethane	62	5.088	5.088	0.000	96	45356	20.0	18.4	
61 n-Heptane	57	5.153	5.153	0.000	89	15509	20.0	21.5	
* 62 Fluorobenzene	96	5.311	5.311	0.000	99	365472	50.0	50.0	
63 n-Butanol	56	5.687	5.687	0.000	80	16680	500.0	529.7	
64 Trichloroethene	95	5.711	5.711	0.000	94	38390	20.0	19.1	
65 Methylcyclohexane	83	5.846	5.846	0.000	95	45165	20.0	20.6	
66 Ethyl acrylate	55	5.864	5.864	0.000	85	63830	20.0	18.0	
67 1,2-Dichloropropane	63	6.052	6.052	0.000	89	30995	20.0	15.7	
* 68 1,4-Dioxane-d8	96	6.128	6.128	0.000	91	14398	1000.0	1000.0	
69 Methyl methacrylate	100	6.146	6.146	0.000	82	19601	40.0	41.0	
71 Dibromomethane	93	6.193	6.193	0.000	91	21563	20.0	18.2	
70 1,4-Dioxane	88	6.175	6.175	0.000	66	7553	400.0	677.1	
72 n-Propyl acetate	43	6.204	6.204	0.000	98	37789	20.0	16.2	
73 Dichlorobromomethane	83	6.375	6.375	0.000	99	46194	20.0	18.2	
74 2-Nitropropane	41	6.763	6.763	0.000	91	15181	40.0	34.2	
75 2-Chloroethyl vinyl ether	63	6.757	6.757	0.000	84	18433	20.0	17.0	
76 Epichlorohydrin	57	6.868	6.868	0.000	99	54325	400.0	410.4	
77 cis-1,3-Dichloropropene	75	6.927	6.927	0.000	91	55029	20.0	18.4	
78 4-Methyl-2-pentanone (MIBK	43	7.109	7.109	0.000	94	116611	100.0	89.6	
\$ 79 Toluene-d8 (Surr)	98	7.192	7.192	0.000	100	301255	50.0	48.7	
80 Toluene	91	7.280	7.280	0.000	93	154288	20.0	17.6	
81 trans-1,3-Dichloropropene	75	7.667	7.667	0.000	97	48400	20.0	17.7	
82 Ethyl methacrylate	69	7.697	7.697	0.000	90	37073	20.0	17.0	
83 1,1,2-Trichloroethane	83	7.902	7.902	0.000	94	26898	20.0	17.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Tetrachloroethene	166	7.938	7.938	0.000	96	42994	20.0	22.0	
85 1,3-Dichloropropane	76	8.132	8.132	0.000	94	48848	20.0	16.5	
86 2-Hexanone	58	8.202	8.202	0.000	93	46653	100.0	90.4	
87 n-Butyl acetate	43	8.320	8.320	0.000	99	38712	20.0	15.0	
88 Chlorodibromomethane	129	8.378	8.378	0.000	97	39370	20.0	20.2	
89 Ethylene Dibromide	107	8.549	8.549	0.000	100	31266	20.0	17.7	
* 90 Chlorobenzene-d5	117	9.125	9.125	0.000	83	277224	50.0	50.0	
91 Chlorobenzene	112	9.166	9.166	0.000	97	100767	20.0	17.9	
92 Ethylbenzene	106	9.266	9.266	0.000	97	54043	20.0	18.9	
93 1,1,1,2-Tetrachloroethane	131	9.277	9.277	0.000	97	36286	20.0	18.0	
94 m-Xylene & p-Xylene	106	9.407	9.407	0.000	95	66559	20.0	19.2	
95 n-Butyl acrylate	73	9.824	9.824	0.000	98	20239	20.0	15.6	
96 o-Xylene	106	9.841	9.841	0.000	95	68438	20.0	19.3	
97 Styrene	104	9.871	9.871	0.000	96	113049	20.0	19.2	
98 Amyl acetate (mixed isomer	43	10.035	10.035	0.000	93	41197	20.0	12.5	
99 Bromoform	173	10.076	10.076	0.000	96	26299	20.0	19.6	
100 Isopropylbenzene	105	10.176	10.176	0.000	95	159081	20.0	19.6	
\$ 101 4-Bromofluorobenzene	174	10.364	10.364	0.000	97	103793	50.0	54.7	
102 Bromobenzene	156	10.482	10.482	0.000	89	47986	20.0	18.6	
103 1,1,2,2-Tetrachloroethane	83	10.517	10.517	0.000	96	37777	20.0	16.6	
104 N-Propylbenzene	91	10.535	10.535	0.000	99	178592	20.0	17.5	
105 1,2,3-Trichloropropane	110	10.564	10.564	0.000	97	12546	20.0	17.7	
106 trans-1,4-Dichloro-2-buten	53	10.576	10.576	0.000	80	9840	20.0	15.6	
108 4-Ethyltoluene	105	10.629	10.629	0.000	93	159484	20.0	18.1	
107 2-Chlorotoluene	91	10.629	10.629	0.000	94	128198	20.0	16.8	
109 1,3,5-Trimethylbenzene	105	10.682	10.682	0.000	95	133089	20.0	18.3	
110 4-Chlorotoluene	91	10.723	10.723	0.000	96	113731	20.0	16.6	
111 Butyl Methacrylate	87	10.758	10.758	0.000	87	45769	20.0	16.0	
112 tert-Butylbenzene	119	10.928	10.928	0.000	96	107286	20.0	18.8	
113 1,2,4-Trimethylbenzene	105	10.975	10.975	0.000	96	139520	20.0	18.2	
114 sec-Butylbenzene	105	11.087	11.087	0.000	99	148874	20.0	18.7	
115 4-Isopropyltoluene	119	11.187	11.187	0.000	99	134082	20.0	19.2	
116 1,3-Dichlorobenzene	146	11.204	11.204	0.000	98	85833	20.0	19.3	
* 117 1,4-Dichlorobenzene-d4	152	11.257	11.257	0.000	93	158574	50.0	50.0	
118 1,4-Dichlorobenzene	146	11.275	11.275	0.000	97	90015	20.0	18.7	
134 1,2,3-Trimethylbenzene	105	11.281	11.281	0.000	96	147100	20.0	18.1	
119 Benzyl chloride	91	11.375	11.375	0.000	100	82571	20.0	19.5	
120 2,3-Dihydroindene	117	11.422	11.422	0.000	93	155592	20.0	18.3	
121 p-Diethylbenzene	119	11.451	11.451	0.000	95	80968	20.0	20.4	
122 n-Butylbenzene	91	11.469	11.469	0.000	97	129770	20.0	17.9	
123 1,2-Dichlorobenzene	146	11.534	11.534	0.000	98	81431	20.0	18.4	
124 1,2,4,5-Tetramethylbenzene	119	11.962	11.962	0.000	98	120937	20.0	19.6	
125 1,2-Dibromo-3-Chloropropan	155	12.062	12.062	0.000	90	7635	20.0	23.4	
126 1,3,5-Trichlorobenzene	180	12.150	12.150	0.000	96	57080	20.0	23.8	
127 1,2,4-Trichlorobenzene	180	12.597	12.597	0.000	92	48606	20.0	22.2	
128 Hexachlorobutadiene	225	12.662	12.662	0.000	95	19607	20.0	24.1	
129 Naphthalene	128	12.791	12.791	0.000	99	115465	20.0	20.9	
130 1,2,3-Trichlorobenzene	180	12.973	12.973	0.000	97	36973	20.0	25.0	
S 131 1,2-Dichloroethene, Total	100				0		40.0	39.0	
S 132 Xylenes, Total	100				0		40.0	38.5	
S 133 Total BTEX	1				0		100.0	92.5	

Reagents:

8260MIX1COMB_00058	Amount Added: 20.00	Units: uL	
GASES Li_00213	Amount Added: 20.00	Units: uL	
ACROLEIN W_00065	Amount Added: 4.00	Units: uL	
8260ISNEW_00112	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CVOAMS8\\20170627-57019.b\\J573489.D

Injection Date: 27-Jun-2017 11:23:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: LCSD

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

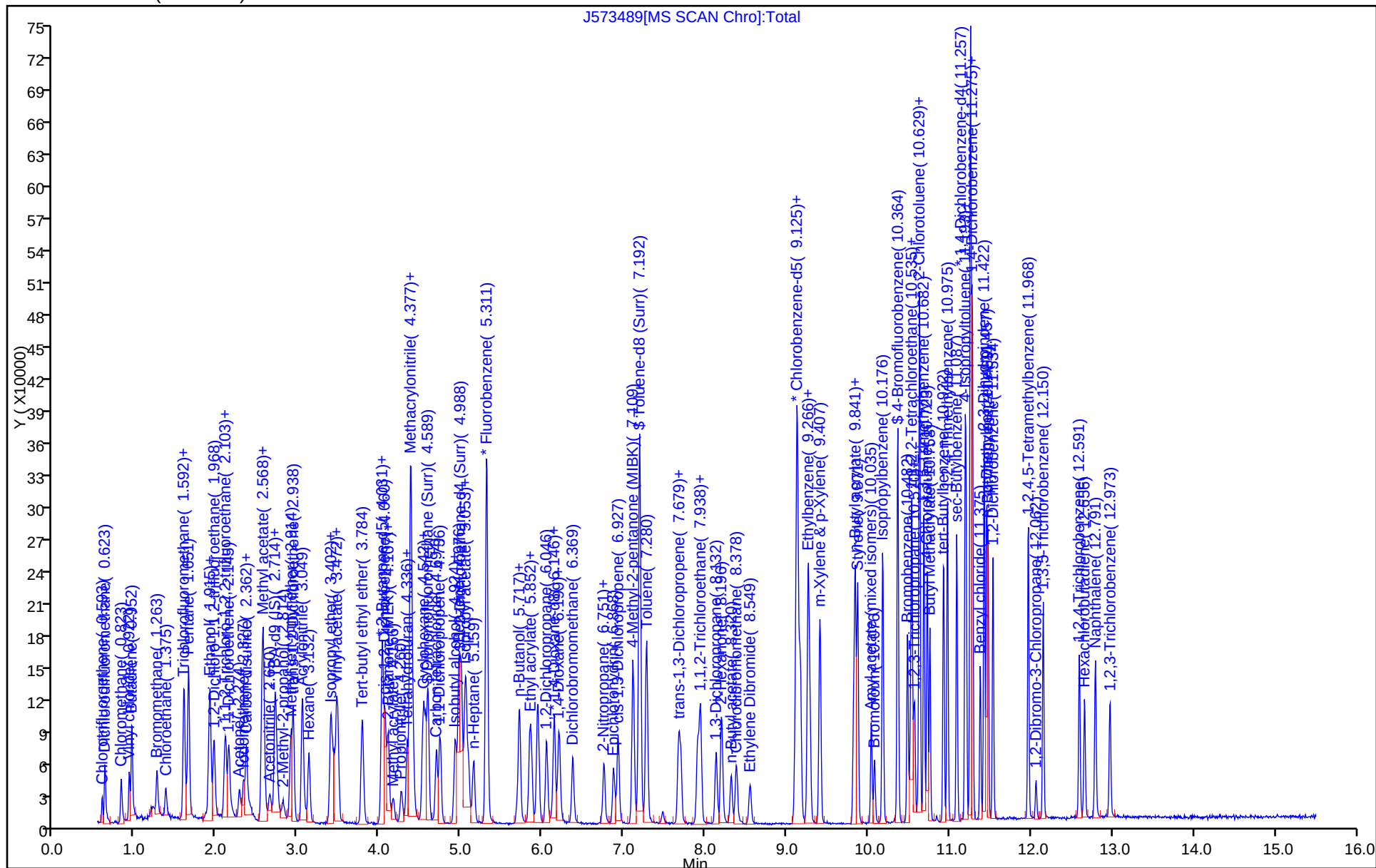
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260_W8

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.: 460-135385-1

SDG No.: _____

Instrument ID: CVOAMS13 Start Date: 04/14/2017 01:13Analysis Batch Number: 430209 End Date: 04/14/2017 09:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-430209/1		04/14/2017 01:13	1	P26301.D	Rtx-624 0.25 (mm)
STD8 460-430209/2 IC		04/14/2017 01:41	1	P26302.D	Rtx-624 0.25 (mm)
STD05 460-430209/3 IC		04/14/2017 02:07	1	P26303.D	Rtx-624 0.25 (mm)
STD5 460-430209/5 IC		04/14/2017 02:57	1	P26305.D	Rtx-624 0.25 (mm)
STD20 460-430209/6 ICIS		04/14/2017 03:22	1	P26306.D	Rtx-624 0.25 (mm)
STD50 460-430209/7 IC		04/14/2017 03:48	1	P26307.D	Rtx-624 0.25 (mm)
STD200 460-430209/8 IC		04/14/2017 04:13	1	P26308.D	Rtx-624 0.25 (mm)
STD500 460-430209/9 IC		04/14/2017 04:38	1	P26309.D	Rtx-624 0.25 (mm)
STD1 460-430209/16 IC		04/14/2017 08:47	1	P26316.D	Rtx-624 0.25 (mm)
ICV 460-430209/18		04/14/2017 09:48	1		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-135385-1

SDG No.: _____

Instrument ID: CVOAMS13 Start Date: 06/26/2017 08:32Analysis Batch Number: 445791 End Date: 06/26/2017 20:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-445791/1		06/26/2017 08:32	1	P30001.D	Rtx-624 0.25 (mm)
CCVIS 460-445791/2		06/26/2017 08:56	1	P30002.D	Rtx-624 0.25 (mm)
LCS 460-445791/3		06/26/2017 09:21	1	P30003.D	Rtx-624 0.25 (mm)
LCSD 460-445791/4		06/26/2017 09:58	1	P30004.D	Rtx-624 0.25 (mm)
MB 460-445791/7		06/26/2017 11:14	1	P30007.D	Rtx-624 0.25 (mm)
ZZZZZ		06/26/2017 11:42	1		Rtx-624 0.25 (mm)
460-135385-5		06/26/2017 12:07	1	P30009.D	Rtx-624 0.25 (mm)
ZZZZZ		06/26/2017 13:12	1		Rtx-624 0.25 (mm)
ZZZZZ		06/26/2017 13:37	1		Rtx-624 0.25 (mm)
ZZZZZ		06/26/2017 14:02	1		Rtx-624 0.25 (mm)
ZZZZZ		06/26/2017 14:28	1		Rtx-624 0.25 (mm)
ZZZZZ		06/26/2017 14:53	1		Rtx-624 0.25 (mm)
ZZZZZ		06/26/2017 15:18	1		Rtx-624 0.25 (mm)
ZZZZZ		06/26/2017 15:43	1		Rtx-624 0.25 (mm)
ZZZZZ		06/26/2017 17:32	1		Rtx-624 0.25 (mm)
ZZZZZ		06/26/2017 18:48	1		Rtx-624 0.25 (mm)
ZZZZZ		06/26/2017 19:13	1		Rtx-624 0.25 (mm)
ZZZZZ		06/26/2017 19:38	1		Rtx-624 0.25 (mm)
ZZZZZ		06/26/2017 20:03	1		Rtx-624 0.25 (mm)
ZZZZZ		06/26/2017 20:28	20		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-135385-1

SDG No.: _____

Instrument ID: CVOAMS13 Start Date: 06/26/2017 20:48Analysis Batch Number: 445936 End Date: 06/27/2017 08:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-445936/1		06/26/2017 20:48	1	P30026.D	Rtx-624 0.25 (mm)
CCVIS 460-445936/3		06/26/2017 22:19	1	P30028.D	Rtx-624 0.25 (mm)
LCS 460-445936/4		06/26/2017 22:45	1	P30029.D	Rtx-624 0.25 (mm)
LCSD 460-445936/5		06/26/2017 23:11	1	P30030.D	Rtx-624 0.25 (mm)
MB 460-445936/8		06/27/2017 01:16	1	P30033.D	Rtx-624 0.25 (mm)
ZZZZZ		06/27/2017 01:42	1		Rtx-624 0.25 (mm)
ZZZZZ		06/27/2017 02:07	1		Rtx-624 0.25 (mm)
ZZZZZ		06/27/2017 02:32	1		Rtx-624 0.25 (mm)
460-135385-1		06/27/2017 03:23	1	P30038.D	Rtx-624 0.25 (mm)
460-135385-2		06/27/2017 03:48	1	P30039.D	Rtx-624 0.25 (mm)
460-135385-3		06/27/2017 04:13	1	P30040.D	Rtx-624 0.25 (mm)
460-135385-4		06/27/2017 04:39	1	P30041.D	Rtx-624 0.25 (mm)
460-135385-6		06/27/2017 05:04	1	P30042.D	Rtx-624 0.25 (mm)
ZZZZZ		06/27/2017 08:26	5		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-135385-1

SDG No.: _____

Instrument ID: CVOAMS8 Start Date: 06/22/2017 16:49Analysis Batch Number: 445170 End Date: 06/23/2017 04:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-445170/1		06/22/2017 16:49	1	J573267.D	Rtx-624 0.25 (mm)
STD7 460-445170/2 IC		06/22/2017 17:20	1	J573268.D	Rtx-624 0.25 (mm)
STD20 460-445170/5 ICIS		06/22/2017 18:47	1	J573271.D	Rtx-624 0.25 (mm)
STD50 460-445170/6 IC		06/22/2017 19:13	1	J573272.D	Rtx-624 0.25 (mm)
STD200 460-445170/7 IC		06/22/2017 19:39	1	J573273.D	Rtx-624 0.25 (mm)
STD500 460-445170/8 IC		06/22/2017 20:05	1	J573274.D	Rtx-624 0.25 (mm)
STD5 460-445170/12 IC		06/23/2017 01:58	1	J573278.D	Rtx-624 0.25 (mm)
STD1 460-445170/14 IC		06/23/2017 02:50	1	J573280.D	Rtx-624 0.25 (mm)
ICV 460-445170/15		06/23/2017 04:53	1		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-135385-1
 SDG No.: _____
 Instrument ID: CVOAMS8 Start Date: 06/27/2017 09:38
 Analysis Batch Number: 446090 End Date: 06/27/2017 21:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-446090/1		06/27/2017 09:38	1	J573485.D	Rtx-624 0.25 (mm)
CCVIS 460-446090/3		06/27/2017 10:31	1	J573487.D	Rtx-624 0.25 (mm)
LCS 460-446090/4		06/27/2017 10:57	1	J573488.D	Rtx-624 0.25 (mm)
LCSD 460-446090/5		06/27/2017 11:23	1	J573489.D	Rtx-624 0.25 (mm)
MB 460-446090/8		06/27/2017 12:42	1	J573492.D	Rtx-624 0.25 (mm)
ZZZZZ		06/27/2017 13:08	1		Rtx-624 0.25 (mm)
ZZZZZ		06/27/2017 14:00	1		Rtx-624 0.25 (mm)
ZZZZZ		06/27/2017 14:26	1		Rtx-624 0.25 (mm)
ZZZZZ		06/27/2017 14:52	1		Rtx-624 0.25 (mm)
ZZZZZ		06/27/2017 15:18	1		Rtx-624 0.25 (mm)
ZZZZZ		06/27/2017 15:45	1		Rtx-624 0.25 (mm)
ZZZZZ		06/27/2017 16:11	1		Rtx-624 0.25 (mm)
460-135536-6		06/27/2017 17:03	1	J573502.D	Rtx-624 0.25 (mm)
460-135536-8		06/27/2017 17:29	1	J573503.D	Rtx-624 0.25 (mm)
460-135536-1		06/27/2017 17:55	1	J573504.D	Rtx-624 0.25 (mm)
460-135536-2		06/27/2017 18:22	1	J573505.D	Rtx-624 0.25 (mm)
460-135536-5		06/27/2017 18:48	1	J573506.D	Rtx-624 0.25 (mm)
ZZZZZ		06/27/2017 19:14	1		Rtx-624 0.25 (mm)
460-135536-7		06/27/2017 19:40	1	J573508.D	Rtx-624 0.25 (mm)
460-135536-9		06/27/2017 20:06	1	J573509.D	Rtx-624 0.25 (mm)
460-135536-10		06/27/2017 20:32	1	J573510.D	Rtx-624 0.25 (mm)
460-135536-3		06/27/2017 20:58	1	J573511.D	Rtx-624 0.25 (mm)
460-135536-4		06/27/2017 21:24	1	J573512.D	Rtx-624 0.25 (mm)

8015D_ID

Hydrocarbon Product Identification
(GC)

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison

Job No.: 460-135385-1

SDG No.: _____

Matrix: Water

Level: Low

GC Column (1): Rtx-Mineral ID: 0.32 (mm)

Client Sample ID	Lab Sample ID	OTPH #
GT-2	460-135385-2	97
GT-3	460-135385-3	91
GT-5	460-135385-4	74
DW-1	460-135385-5	93
VE-5	460-135385-6	85
GT-1	460-135536-1	89
Rinse Blank-1	460-135536-3	91
Rinse Blank-2	460-135536-4	90
GT-6	460-135536-5	96
GT-7	460-135536-6	95
VE-1R	460-135536-7	84
VP-A	460-135536-8	82
VP-B	460-135536-9	91
GW-DUP	460-135536-10	91
	MB 460-444195/1-A	90
	MB 460-444582/1-A	94
	LCS 460-444195/2-A	94
	LCS 460-444582/2-A	103
	LCSD 460-444195/3-A	92
	LCSD 460-444582/3-A	81

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.: 460-135385-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: 3F009606.D
Lab ID: LCS 460-444195/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Mineral Spirits	2000	2530	126	70-130	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-135385-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: 3F009648.D
Lab ID: LCS 460-444582/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Mineral Spirits	2000	2070	103	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.: 460-135385-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: 3F009607.D
 Lab ID: LCSD 460-444195/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Mineral Spirits	2000	1480	74	52	30	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.: 460-135385-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: 3F009647.D
 Lab ID: LCSD 460-444582/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Mineral Spirits	2000	1460	73	35	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.: 460-135385-1
SDG No.: _____
Lab File ID: 3F009605.D Lab Sample ID: MB 460-444195/1-A
Matrix: Water Date Extracted: 06/18/2017 07:15
Instrument ID: CBNAGC3 Date Analyzed: 06/19/2017 10:39
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-444195/2-A	3F009606.D	06/19/2017 10:49
	LCSD 460-444195/3-A	3F009607.D	06/19/2017 10:59
GT-2	460-135385-2	3F009608.D	06/19/2017 11:09
GT-3	460-135385-3	3F009609.D	06/19/2017 11:19
GT-5	460-135385-4	3F009610.D	06/19/2017 11:30
DW-1	460-135385-5	3F009611.D	06/19/2017 11:40
VE-5	460-135385-6	3F009612.D	06/19/2017 11:50

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-135385-1
SDG No.: _____
Lab File ID: 3F009646.D Lab Sample ID: MB 460-444582/1-A
Matrix: Water Date Extracted: 06/20/2017 08:03
Instrument ID: CBNAGC3 Date Analyzed: 06/21/2017 03:42
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCSD 460-444582/3-A	3F009647.D	06/21/2017 03:52
	LCS 460-444582/2-A	3F009648.D	06/21/2017 04:02
GT-1	460-135536-1	3F009649.D	06/21/2017 04:12
Rinse Blank-1	460-135536-3	3F009650.D	06/21/2017 04:22
Rinse Blank-2	460-135536-4	3F009651.D	06/21/2017 04:32
GT-6	460-135536-5	3F009652.D	06/21/2017 04:42
GT-7	460-135536-6	3F009653.D	06/21/2017 04:52
VE-1R	460-135536-7	3F009654.D	06/21/2017 05:02
VP-A	460-135536-8	3F009655.D	06/21/2017 05:12
VP-B	460-135536-9	3F009658.D	06/21/2017 06:20
GW-DUP	460-135536-10	3F009659.D	06/21/2017 06:30

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-135385-1
SDG No.: _____
Client Sample ID: GT-2 Lab Sample ID: 460-135385-2
Matrix: Water Lab File ID: 3F009608.D
Analysis Method: 8015D Date Collected: 06/13/2017 11:00
Extraction Method: 3510C Date Extracted: 06/18/2017 07:15
Sample wt/vol: 1000 (mL) Date Analyzed: 06/19/2017 11:09
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.: 444364 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	97		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\3F009608.D
Lims ID: 460-135385-E-2-A
Client ID: GT-2
Sample Type: Client
Inject. Date: 19-Jun-2017 11:09:37 ALS Bottle#: 9 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056650-006
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:47:25 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: XAWRK001

First Level Reviewer: nimerd

Date: 22-Jun-2017 15:46:51

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.457 3.458 -0.001 562355 19.4

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\3F009608.D

Injection Date: 19-Jun-2017 11:09:37

Instrument ID: CBNAGC3

Lims ID: 460-135385-E-2-A

Lab Sample ID: 460-135385-2

Client ID: GT-2

Operator ID: 615

ALS Bottle#: 9

Worklist Smp#: 6

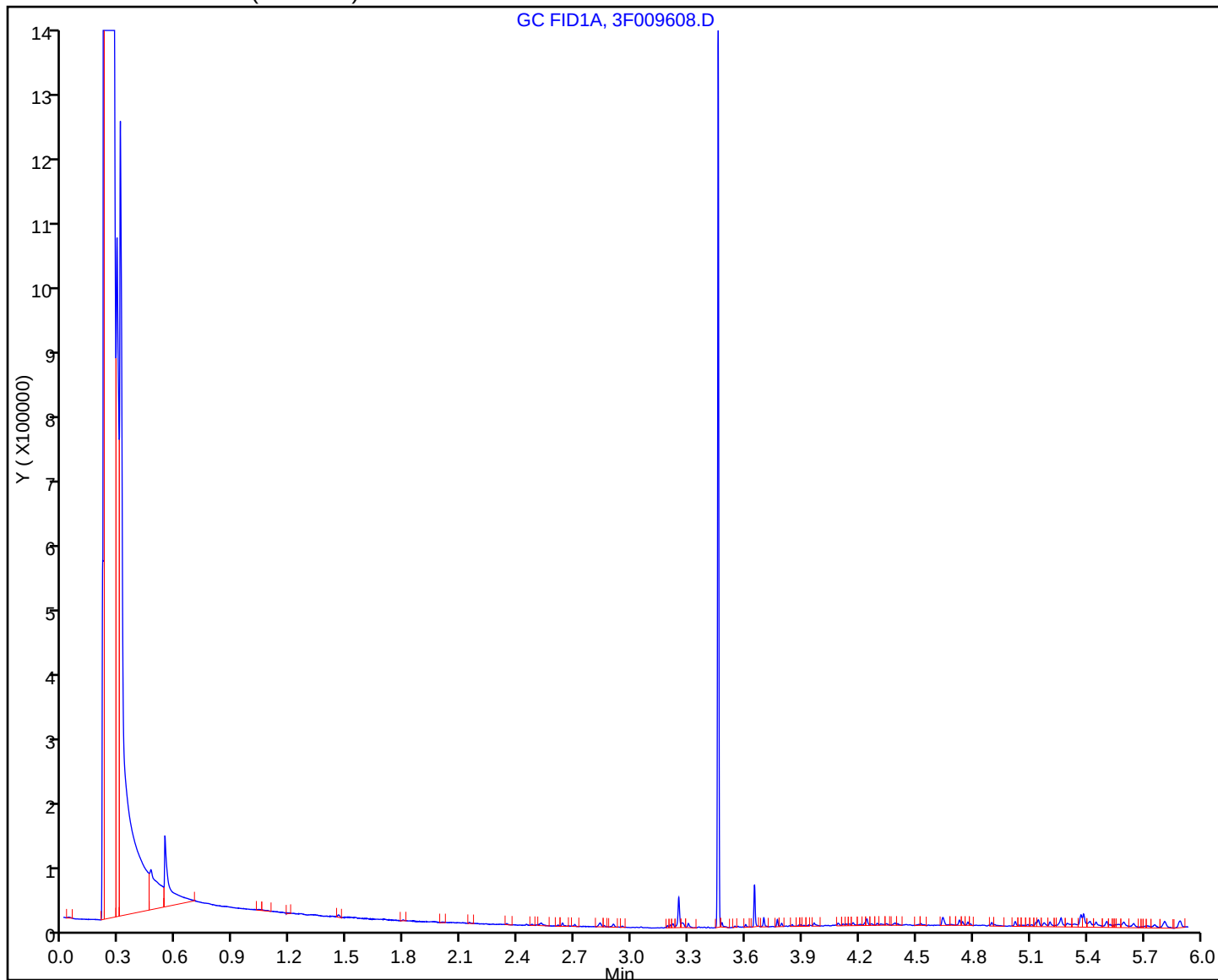
Injection Vol: 1.0 ul

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.: 460-135385-1
SDG No.: _____
Client Sample ID: GT-3 Lab Sample ID: 460-135385-3
Matrix: Water Lab File ID: 3F009609.D
Analysis Method: 8015D Date Collected: 06/13/2017 12:20
Extraction Method: 3510C Date Extracted: 06/18/2017 07:15
Sample wt/vol: 1000 (mL) Date Analyzed: 06/19/2017 11:19
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.: 444364 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	91		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\3F009609.D
Lims ID: 460-135385-E-3-A
Client ID: GT-3
Sample Type: Client
Inject. Date: 19-Jun-2017 11:19:52 ALS Bottle#: 10 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056650-007
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:47:25 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: XAWRK001

First Level Reviewer: nimerd

Date: 22-Jun-2017 15:46:55

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.454 3.458 -0.004 528460 18.3

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\3F009609.D

Injection Date: 19-Jun-2017 11:19:52

Instrument ID: CBNAGC3

Lims ID: 460-135385-E-3-A

Lab Sample ID: 460-135385-3

Client ID: GT-3

Operator ID: 615

ALS Bottle#: 10

Worklist Smp#: 7

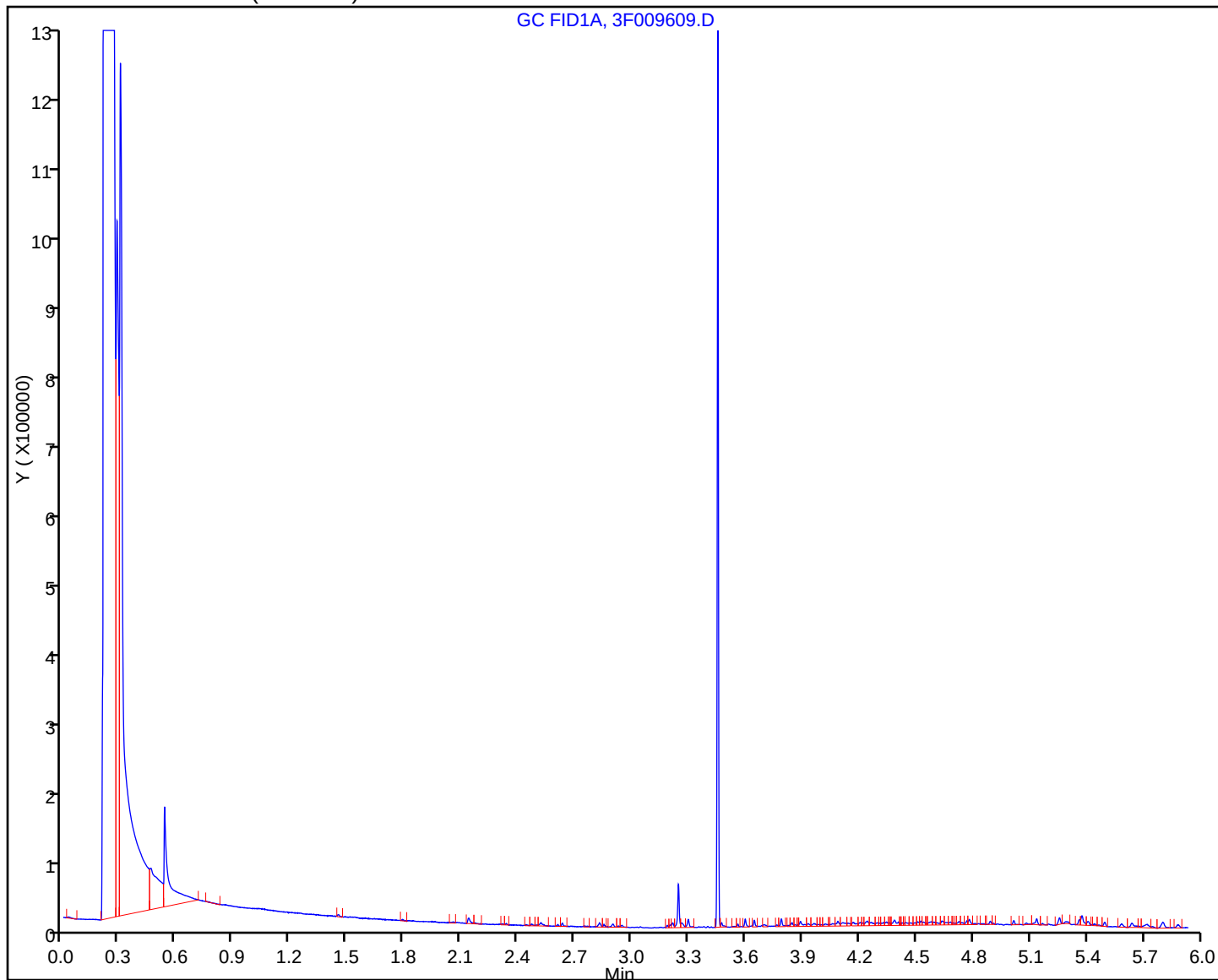
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-135385-1
SDG No.: _____
Client Sample ID: GT-5 Lab Sample ID: 460-135385-4
Matrix: Water Lab File ID: 3F009610.D
Analysis Method: 8015D Date Collected: 06/13/2017 15:05
Extraction Method: 3510C Date Extracted: 06/18/2017 07:15
Sample wt/vol: 1000 (mL) Date Analyzed: 06/19/2017 11:30
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.: 444364 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	74		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\3F009610.D
Lims ID: 460-135385-E-4-A
Client ID: GT-5
Sample Type: Client
Inject. Date: 19-Jun-2017 11:30:02 ALS Bottle#: 11 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056650-008
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:47:25 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: XAWRK001

First Level Reviewer: nimerd

Date: 22-Jun-2017 15:46:58

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.459 3.458 0.001 426331 14.7

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\3F009610.D

Injection Date: 19-Jun-2017 11:30:02

Instrument ID: CBNAGC3

Lims ID: 460-135385-E-4-A

Lab Sample ID: 460-135385-4

Client ID: GT-5

Operator ID: 615

ALS Bottle#: 11 Worklist Smp#: 8

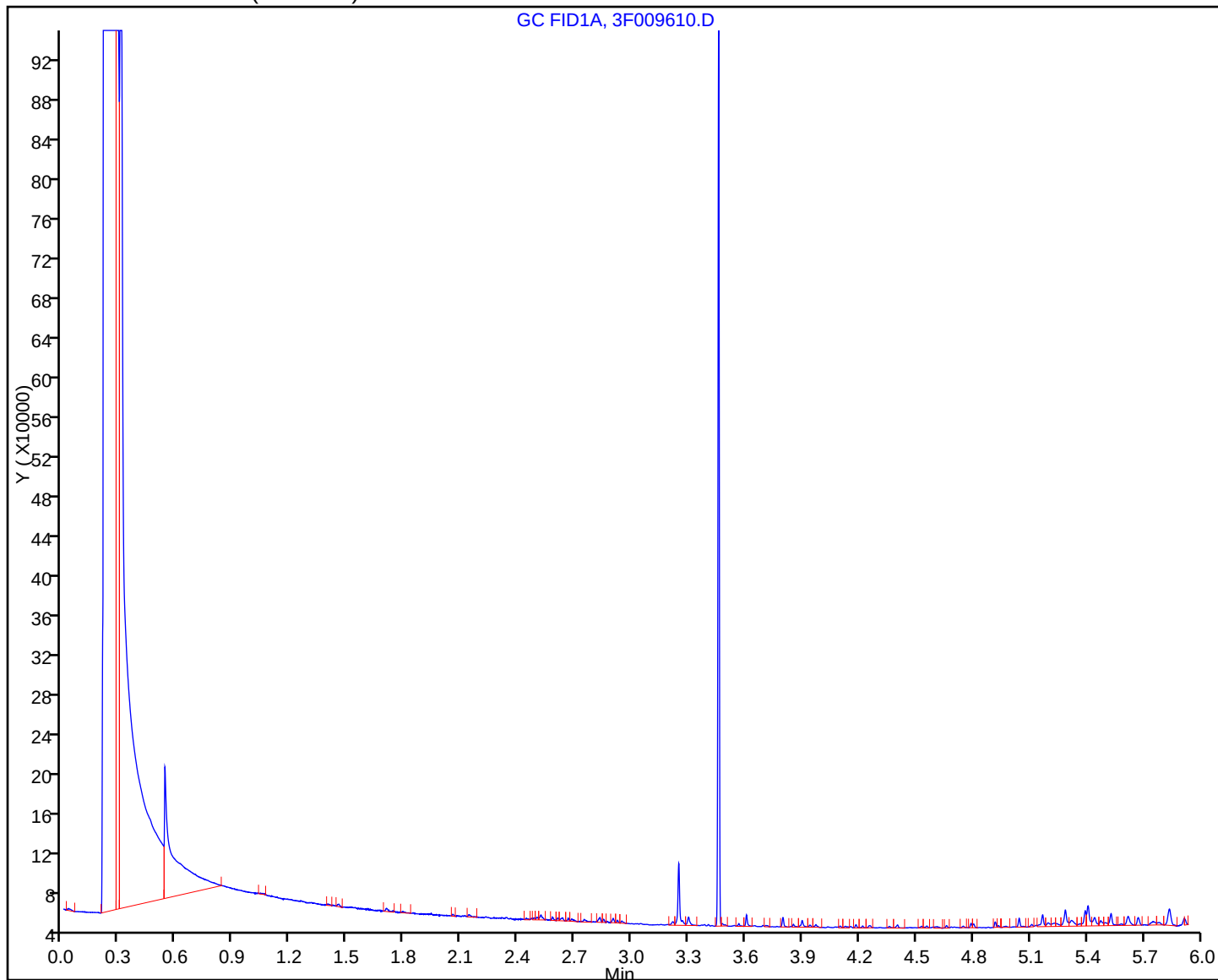
Injection Vol: 1.0 ul

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.: 460-135385-1
 SDG No.: _____
 Client Sample ID: DW-1 Lab Sample ID: 460-135385-5
 Matrix: Water Lab File ID: 3F009611.D
 Analysis Method: 8015D Date Collected: 06/12/2017 16:00
 Extraction Method: 3510C Date Extracted: 06/18/2017 07:15
 Sample wt/vol: 1000 (mL) Date Analyzed: 06/19/2017 11:40
 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.: 444364 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	93		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\3F009611.D
Lims ID: 460-135385-D-5-A
Client ID: DW-1
Sample Type: Client
Inject. Date: 19-Jun-2017 11:40:16 ALS Bottle#: 12 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056650-009
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:47:25 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: XAWRK001

First Level Reviewer: nimerd

Date: 22-Jun-2017 15:47:01

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.458 3.458 0.000 536604 18.6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\3F009611.D

Injection Date: 19-Jun-2017 11:40:16

Instrument ID: CBNAGC3

Lims ID: 460-135385-D-5-A

Lab Sample ID: 460-135385-5

Client ID: DW-1

Operator ID: 615

ALS Bottle#: 12

Worklist Smp#: 9

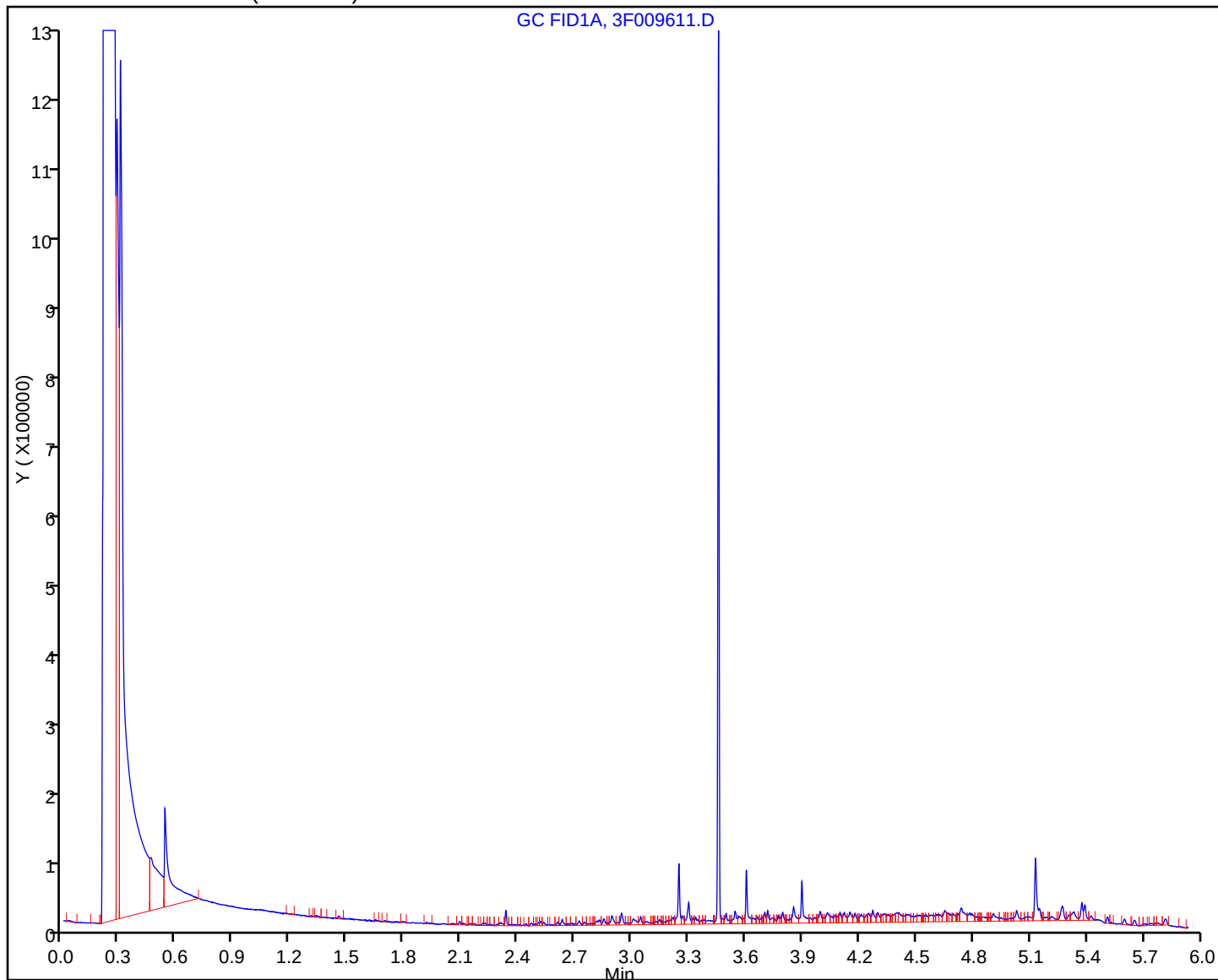
Injection Vol: 1.0 ul

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.: 460-135385-1
 SDG No.: _____
 Client Sample ID: VE-5 Lab Sample ID: 460-135385-6
 Matrix: Water Lab File ID: 3F009612.D
 Analysis Method: 8015D Date Collected: 06/13/2017 09:10
 Extraction Method: 3510C Date Extracted: 06/18/2017 07:15
 Sample wt/vol: 1000 (mL) Date Analyzed: 06/19/2017 11:50
 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.: 444364 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	85		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\3F009612.D
Lims ID: 460-135385-D-6-A
Client ID: VE-5
Sample Type: Client
Inject. Date: 19-Jun-2017 11:50:27 ALS Bottle#: 13 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056650-010
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:47:25 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: XAWRK001

First Level Reviewer: nimerd

Date: 22-Jun-2017 15:47:04

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.462 3.458 0.004 492977 17.0

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\3F009612.D

Injection Date: 19-Jun-2017 11:50:27

Instrument ID: CBNAGC3

Lims ID: 460-135385-D-6-A

Lab Sample ID: 460-135385-6

Client ID: VE-5

Operator ID: 615

ALS Bottle#: 13

Worklist Smp#: 10

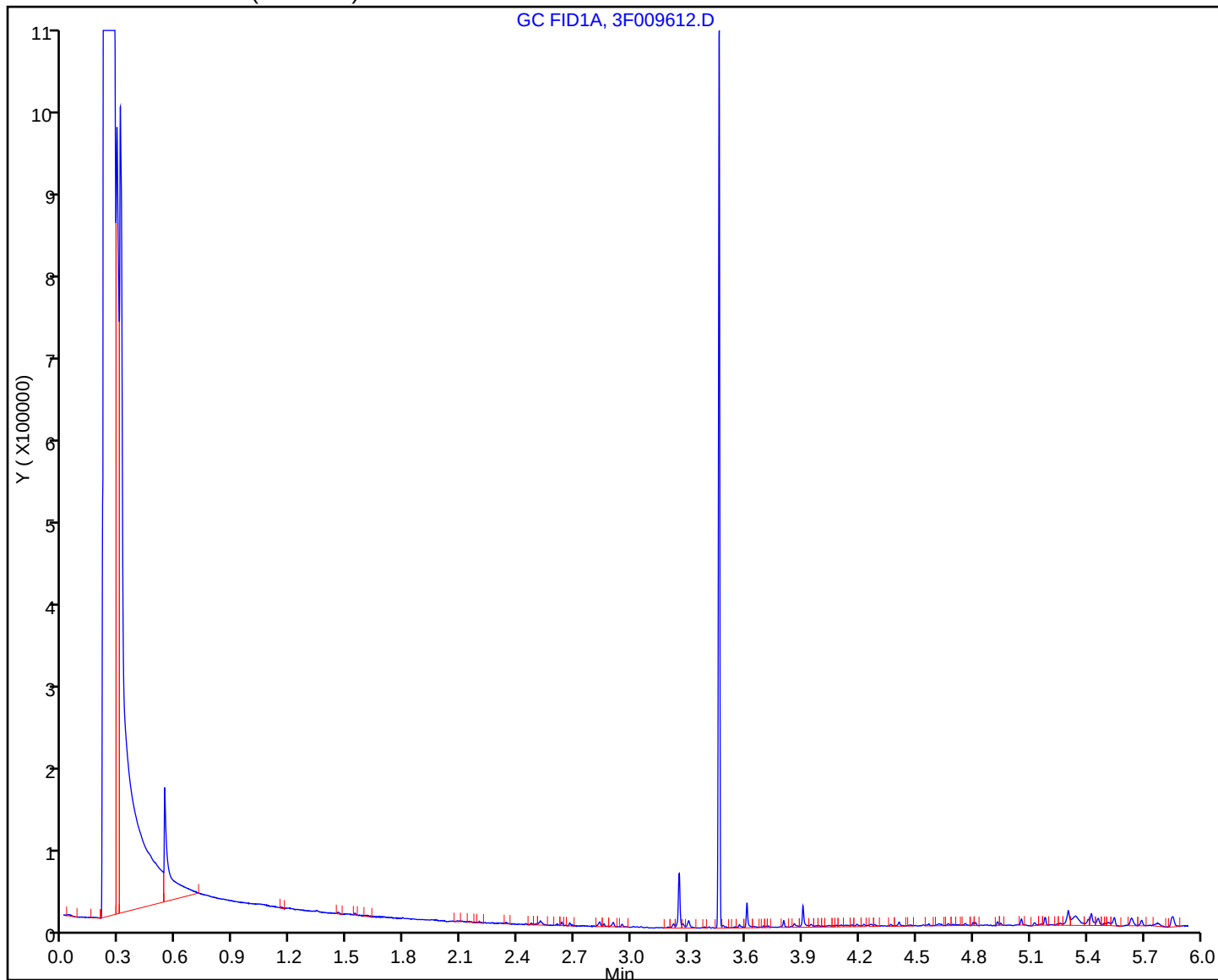
Injection Vol: 1.0 ul

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.: 460-135385-1
 SDG No.: _____
 Client Sample ID: GT-1 Lab Sample ID: 460-135536-1
 Matrix: Water Lab File ID: 3F009649.D
 Analysis Method: 8015D Date Collected: 06/14/2017 10:50
 Extraction Method: 3510C Date Extracted: 06/20/2017 08:03
 Sample wt/vol: 990 (mL) Date Analyzed: 06/21/2017 04:12
 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.: 444791 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	110	*	51	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	89		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009649.D
Lims ID: 460-135536-E-1-A
Client ID: GT-1
Sample Type: Client
Inject. Date: 21-Jun-2017 04:12:43 ALS Bottle#: 9 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056732-006
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:45:03 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: XAWRK001

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.565 (0.584-2.547) 2556164 105.1

\$ 2 o-Terphenyl

3.428 3.434 -0.006 512419 17.7

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009649.D

Injection Date: 21-Jun-2017 04:12:43

Instrument ID: CBNAGC3

Lims ID: 460-135536-E-1-A

Lab Sample ID: 460-135536-1

Client ID: GT-1

Operator ID: 615

ALS Bottle#: 9

Worklist Smp#: 6

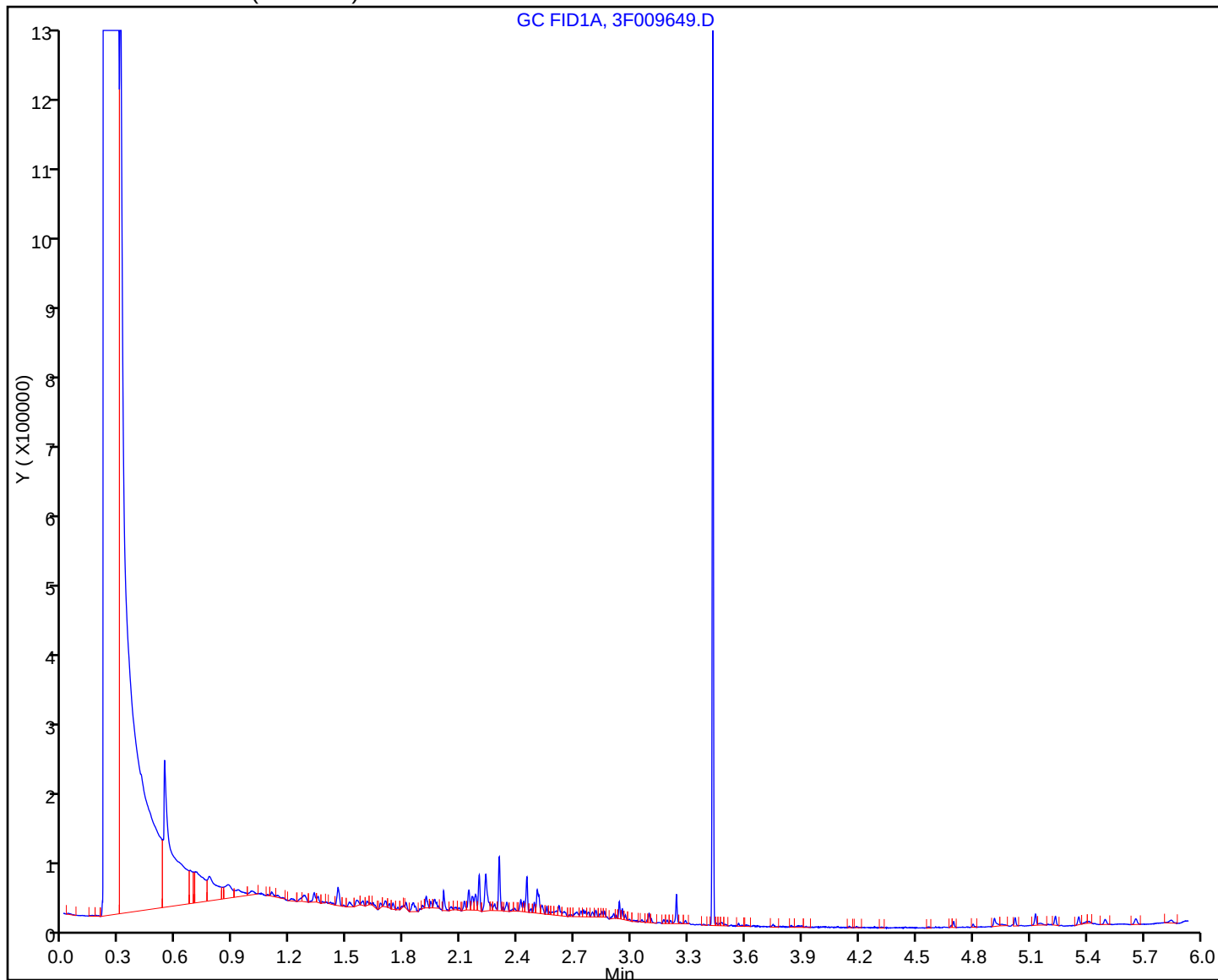
Injection Vol: 1.0 ul

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.: 460-135385-1
 SDG No.: _____
 Client Sample ID: Rinse Blank-1 Lab Sample ID: 460-135536-3
 Matrix: Water Lab File ID: 3F009650.D
 Analysis Method: 8015D Date Collected: 06/14/2017 13:30
 Extraction Method: 3510C Date Extracted: 06/20/2017 08:03
 Sample wt/vol: 990 (mL) Date Analyzed: 06/21/2017 04:22
 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.: 444791 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	91		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009650.D
Lims ID: 460-135536-E-3-A
Client ID: Rinse Blank-1
Sample Type: Client
Inject. Date: 21-Jun-2017 04:22:42 ALS Bottle#: 10 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056732-007
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:45:03 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: XAWRK001

First Level Reviewer: nimerd

Date: 22-Jun-2017 15:41:41

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.431 3.434 -0.003 525666 18.2

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009650.D

Injection Date: 21-Jun-2017 04:22:42

Instrument ID: CBNAGC3

Lims ID: 460-135536-E-3-A

Lab Sample ID: 460-135536-3

Client ID: Rinse Blank-1

Operator ID: 615

ALS Bottle#: 10

Worklist Smp#: 7

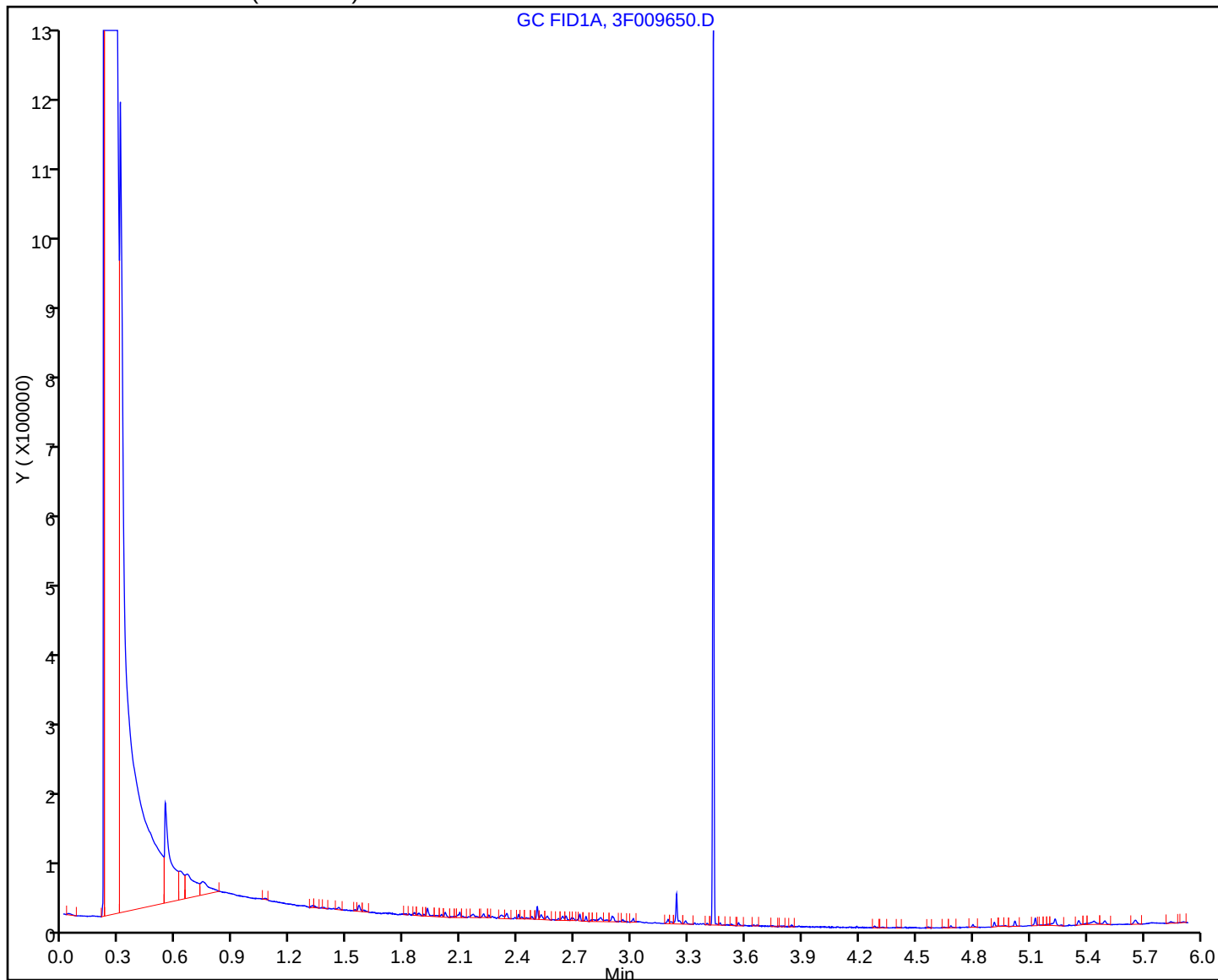
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-135385-1
SDG No.: _____
Client Sample ID: Rinse Blank-2 Lab Sample ID: 460-135536-4
Matrix: Water Lab File ID: 3F009651.D
Analysis Method: 8015D Date Collected: 06/14/2017 01:40
Extraction Method: 3510C Date Extracted: 06/20/2017 08:03
Sample wt/vol: 990 (mL) Date Analyzed: 06/21/2017 04:32
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.: 444791 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	90		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009651.D
Lims ID: 460-135536-E-4-A
Client ID: Rinse Blank-2
Sample Type: Client
Inject. Date: 21-Jun-2017 04:32:38 ALS Bottle#: 11 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056732-008
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:45:03 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: XAWRK001

First Level Reviewer: nimerd

Date: 22-Jun-2017 15:41:45

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.430 3.434 -0.004 519791 18.0

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009651.D

Injection Date: 21-Jun-2017 04:32:38

Instrument ID: CBNAGC3

Lims ID: 460-135536-E-4-A

Lab Sample ID: 460-135536-4

Client ID: Rinse Blank-2

Operator ID: 615

ALS Bottle#: 11

Worklist Smp#: 8

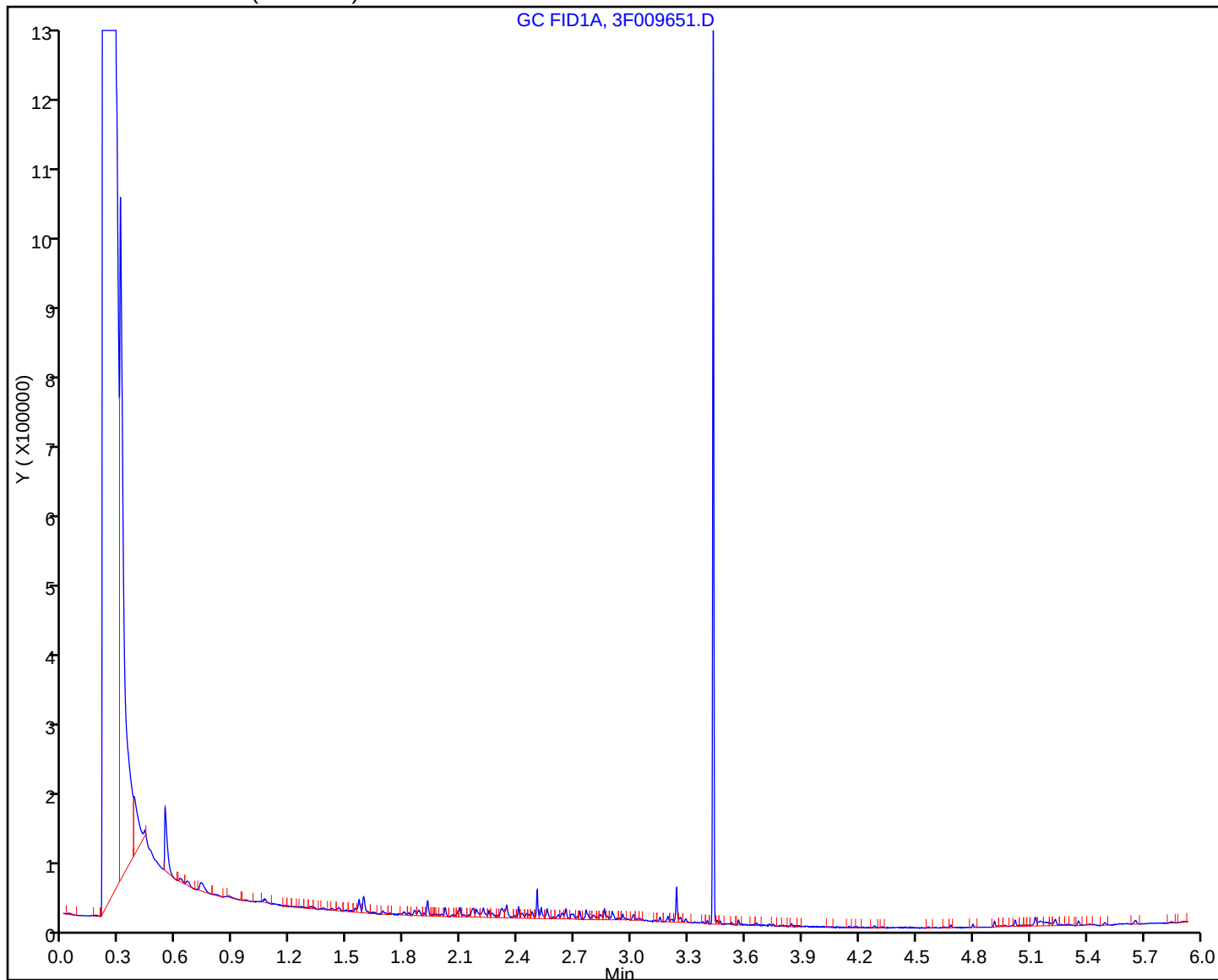
Injection Vol: 1.0 ul

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.: 460-135385-1
SDG No.: _____
Client Sample ID: GT-6 Lab Sample ID: 460-135536-5
Matrix: Water Lab File ID: 3F009652.D
Analysis Method: 8015D Date Collected: 06/13/2017 17:50
Extraction Method: 3510C Date Extracted: 06/20/2017 08:03
Sample wt/vol: 990 (mL) Date Analyzed: 06/21/2017 04:42
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.: 444791 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	220	*	51	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	96		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009652.D
Lims ID: 460-135536-E-5-A
Client ID: GT-6
Sample Type: Client
Inject. Date: 21-Jun-2017 04:42:30 ALS Bottle#: 12 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056732-009
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:45:03 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: XAWRK001

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.565 (0.584-2.547) 5414383 222.5

\$ 2 o-Terphenyl

3.431 3.434 -0.003 555931 19.2

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009652.D

Injection Date: 21-Jun-2017 04:42:30

Instrument ID: CBNAGC3

Lims ID: 460-135536-E-5-A

Lab Sample ID: 460-135536-5

Client ID: GT-6

Operator ID: 615

ALS Bottle#: 12

Worklist Smp#: 9

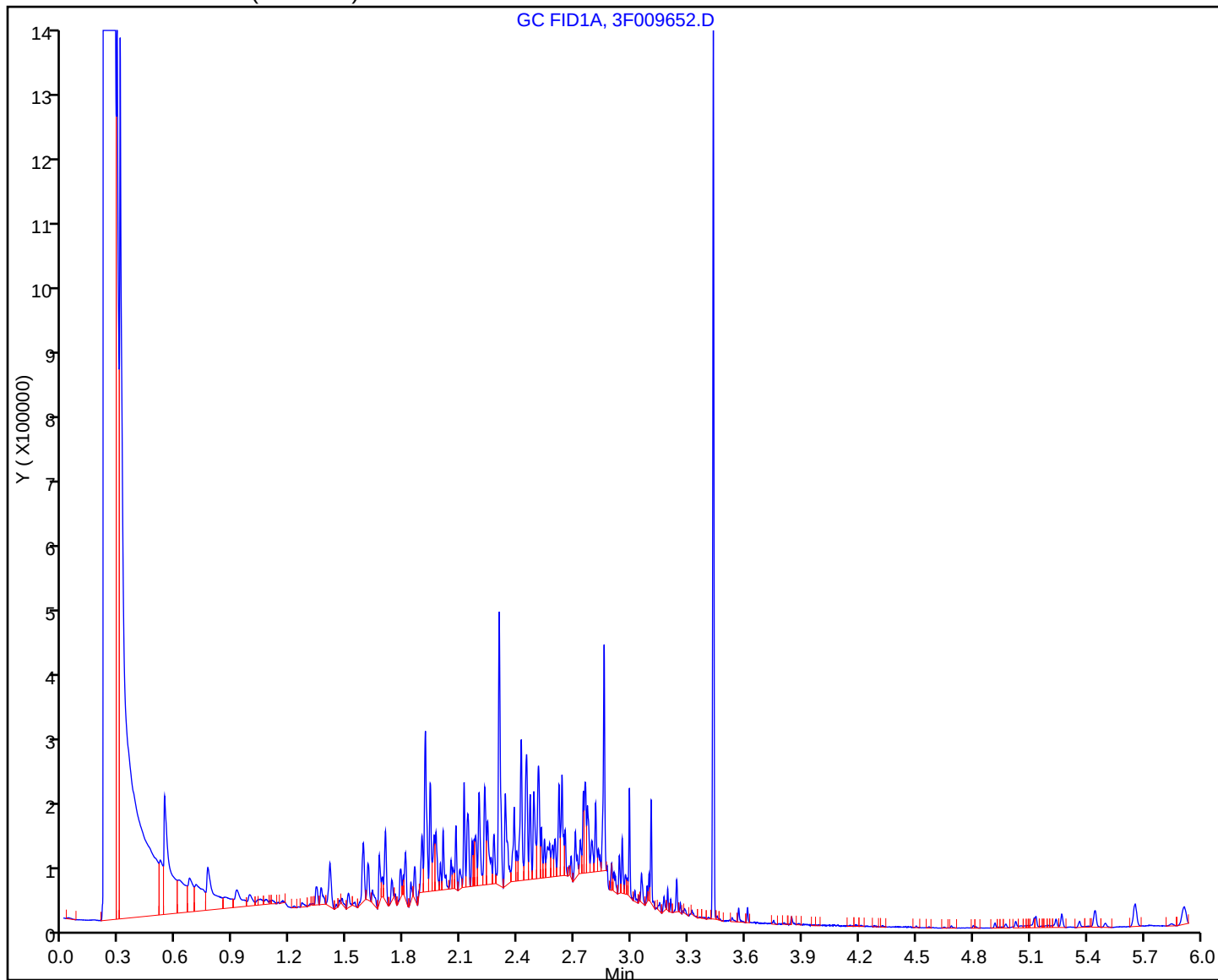
Injection Vol: 1.0 ul

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.: 460-135385-1
SDG No.: _____
Client Sample ID: GT-7 Lab Sample ID: 460-135536-6
Matrix: Water Lab File ID: 3F009653.D
Analysis Method: 8015D Date Collected: 06/13/2017 16:40
Extraction Method: 3510C Date Extracted: 06/20/2017 08:03
Sample wt/vol: 990 (mL) Date Analyzed: 06/21/2017 04:52
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.: 444791 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	95		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009653.D
Lims ID: 460-135536-E-6-A
Client ID: GT-7
Sample Type: Client
Inject. Date: 21-Jun-2017 04:52:29 ALS Bottle#: 13 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056732-010
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:45:03 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: XAWRK001

First Level Reviewer: nimerd

Date: 22-Jun-2017 15:41:50

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.432 3.434 -0.002 549737 19.0

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009653.D

Injection Date: 21-Jun-2017 04:52:29

Instrument ID: CBNAGC3

Lims ID: 460-135536-E-6-A

Lab Sample ID: 460-135536-6

Client ID: GT-7

Operator ID: 615

ALS Bottle#: 13

Worklist Smp#: 10

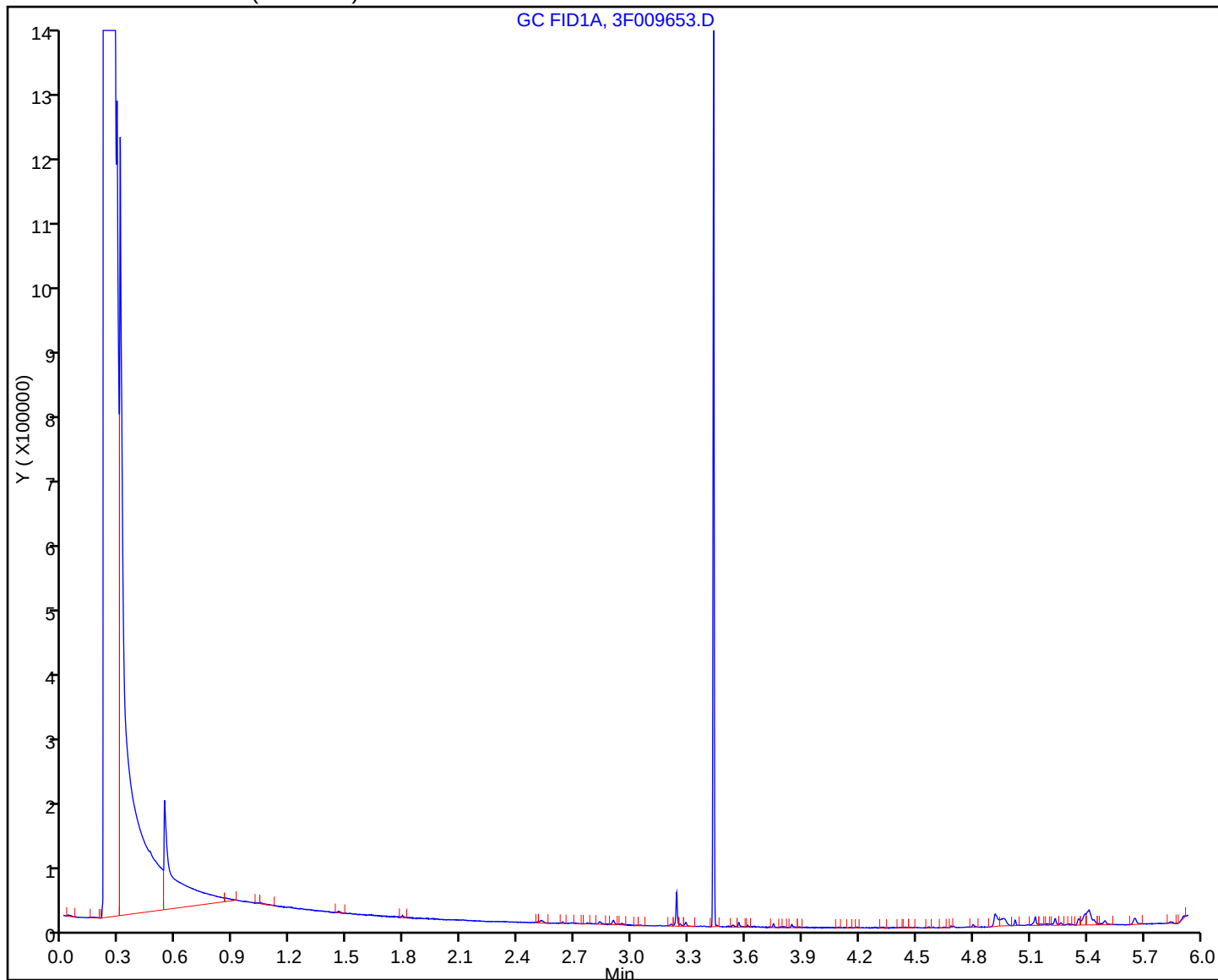
Injection Vol: 1.0 ul

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.: 460-135385-1
SDG No.: _____
Client Sample ID: VE-1R Lab Sample ID: 460-135536-7
Matrix: Water Lab File ID: 3F009654.D
Analysis Method: 8015D Date Collected: 06/14/2017 13:05
Extraction Method: 3510C Date Extracted: 06/20/2017 08:03
Sample wt/vol: 990 (mL) Date Analyzed: 06/21/2017 05:02
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.: 444791 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	100	*	51	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	84		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009654.D
Lims ID: 460-135536-E-7-A
Client ID: VE-1R
Sample Type: Client
Inject. Date: 21-Jun-2017 05:02:31 ALS Bottle#: 14 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056732-011
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:45:03 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: XAWRK001

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.565 (0.584-2.547) 2435615 100.1

\$ 2 o-Terphenyl

3.432 3.434 -0.002 484565 16.8

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009654.D

Injection Date: 21-Jun-2017 05:02:31

Instrument ID: CBNAGC3

Lims ID: 460-135536-E-7-A

Lab Sample ID: 460-135536-7

Client ID: VE-1R

Operator ID: 615

ALS Bottle#: 14

Worklist Smp#: 11

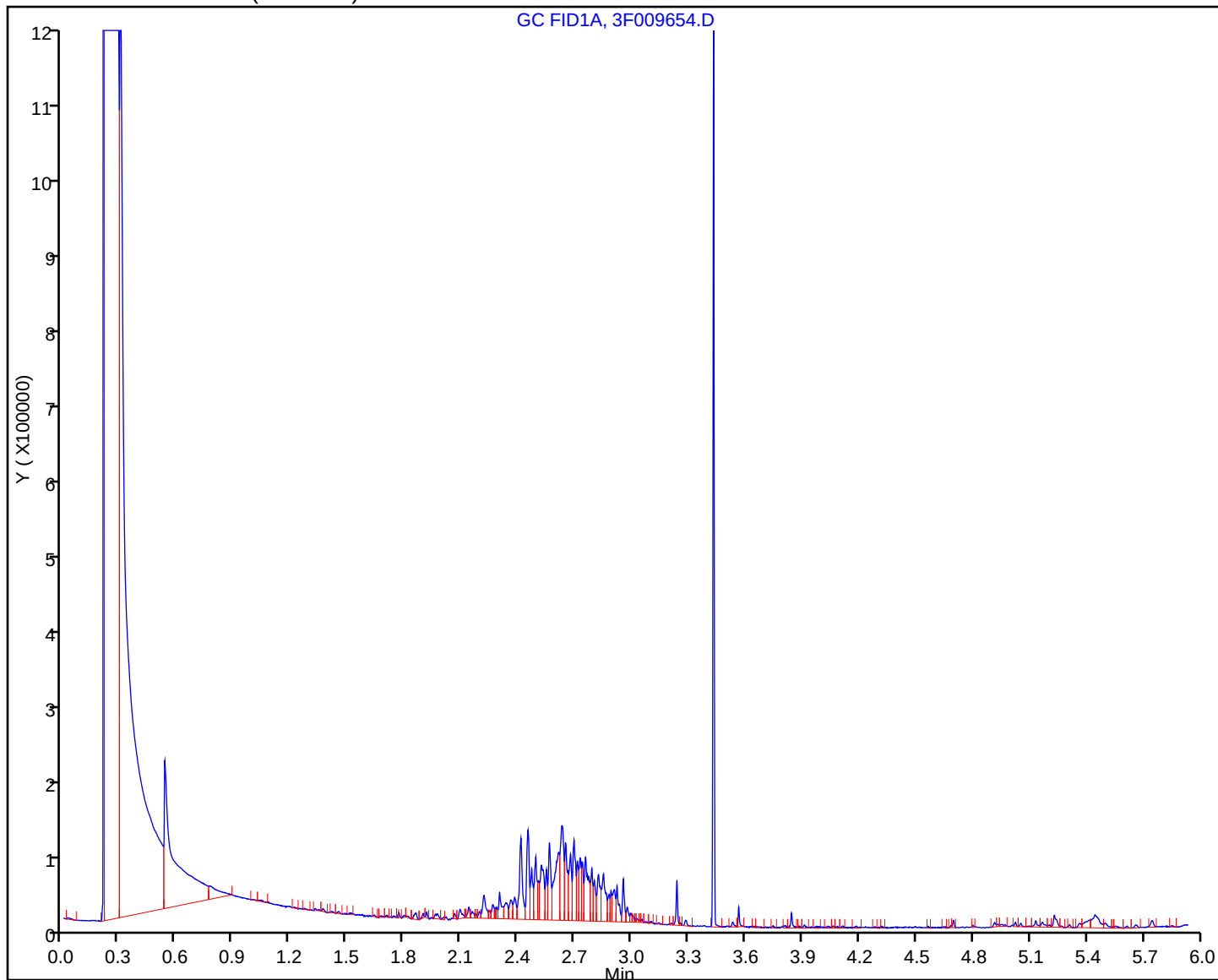
Injection Vol: 1.0 ul

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.: 460-135385-1
SDG No.: _____
Client Sample ID: VP-A Lab Sample ID: 460-135536-8
Matrix: Water Lab File ID: 3F009655.D
Analysis Method: 8015D Date Collected: 06/13/2017 19:15
Extraction Method: 3510C Date Extracted: 06/20/2017 08:03
Sample wt/vol: 990 (mL) Date Analyzed: 06/21/2017 05:12
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.: 444791 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	82		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009655.D
Lims ID: 460-135536-E-8-A
Client ID: VP-A
Sample Type: Client
Inject. Date: 21-Jun-2017 05:12:27 ALS Bottle#: 15 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056732-012
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:45:03 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: XAWRK001

First Level Reviewer: nimerd

Date: 22-Jun-2017 15:41:54

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.429 3.434 -0.005 471484 16.3

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009655.D

Injection Date: 21-Jun-2017 05:12:27

Instrument ID: CBNAGC3

Lims ID: 460-135536-E-8-A

Lab Sample ID: 460-135536-8

Client ID: VP-A

Operator ID: 615

ALS Bottle#: 15 Worklist Smp#: 12

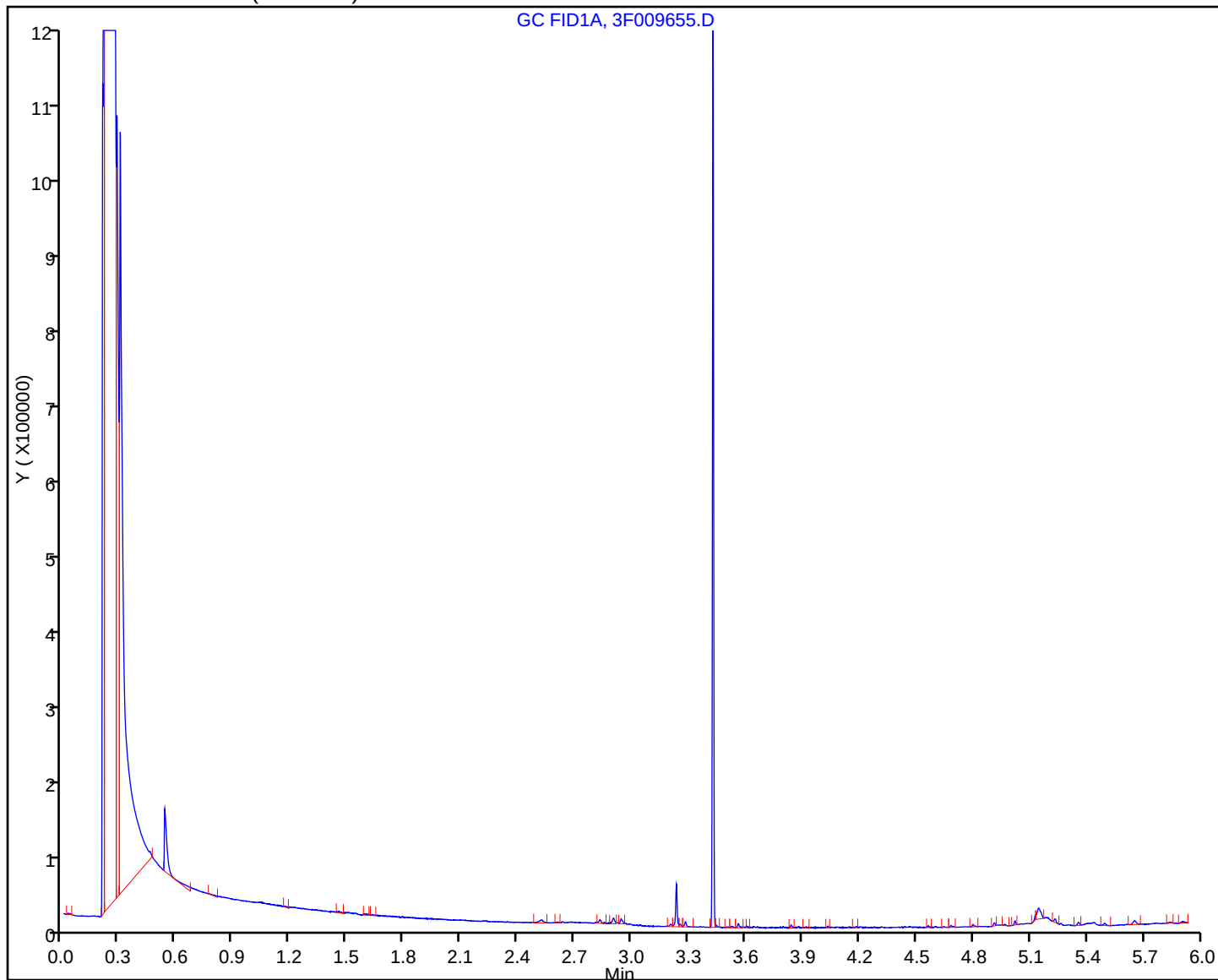
Injection Vol: 1.0 ul

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.: 460-135385-1
 SDG No.: _____
 Client Sample ID: VP-B Lab Sample ID: 460-135536-9
 Matrix: Water Lab File ID: 3F009658.D
 Analysis Method: 8015D Date Collected: 06/14/2017 09:15
 Extraction Method: 3510C Date Extracted: 06/20/2017 08:03
 Sample wt/vol: 990 (mL) Date Analyzed: 06/21/2017 06:20
 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.: 444791 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	91		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009658.D
Lims ID: 460-135536-E-9-A
Client ID: VP-B
Sample Type: Client
Inject. Date: 21-Jun-2017 06:20:43 ALS Bottle#: 16 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056734-015
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:45:21 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: XAWRK001

First Level Reviewer: nimerd

Date: 22-Jun-2017 15:42:01

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.432 3.434 -0.002 523693 18.1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009658.D

Injection Date: 21-Jun-2017 06:20:43

Instrument ID: CBNAGC3

Lims ID: 460-135536-E-9-A

Lab Sample ID: 460-135536-9

Client ID: VP-B

Operator ID: 615

ALS Bottle#: 16

Worklist Smp#: 15

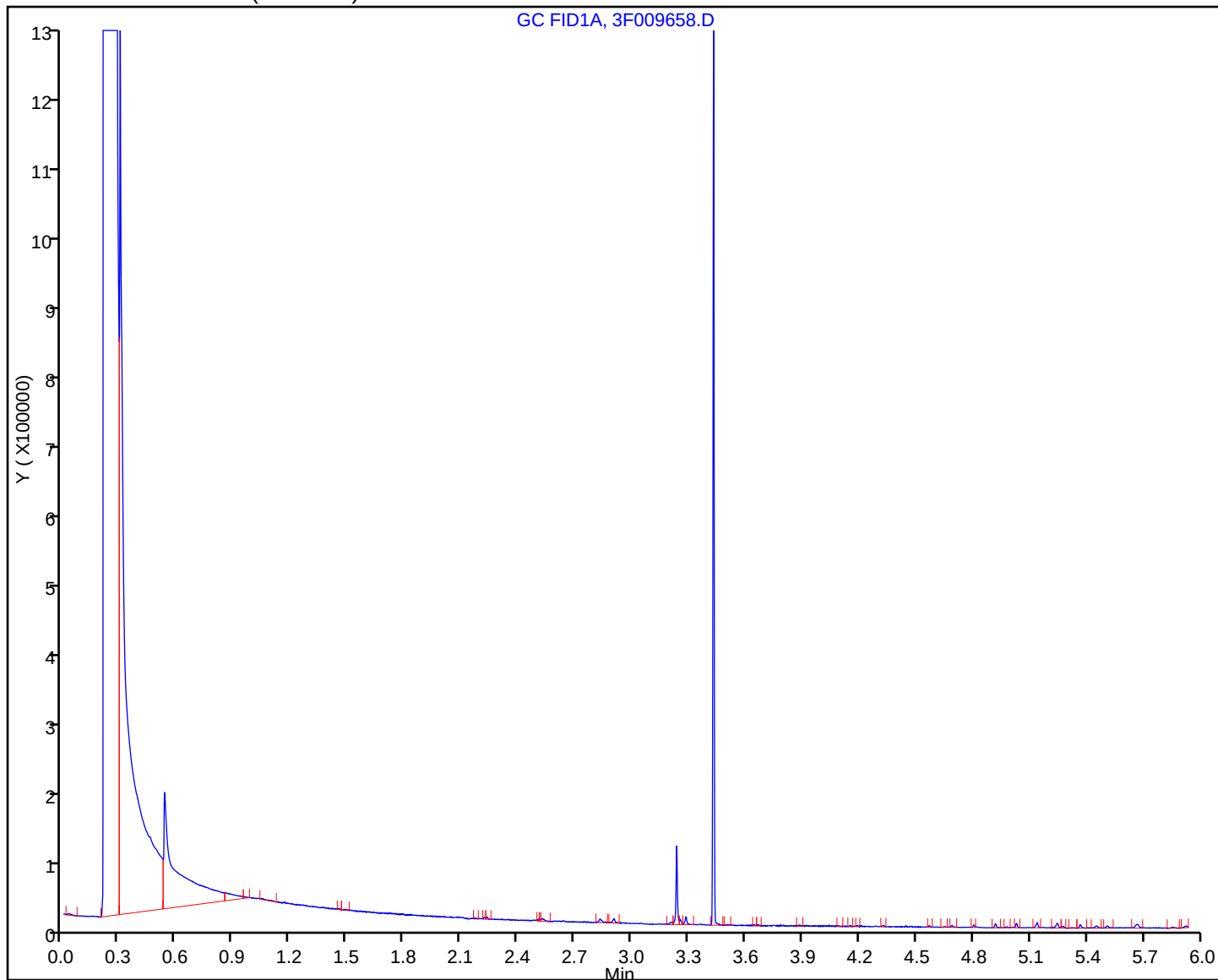
Injection Vol: 1.0 ul

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.: 460-135385-1
SDG No.: _____
Client Sample ID: GW-DUP Lab Sample ID: 460-135536-10
Matrix: Water Lab File ID: 3F009659.D
Analysis Method: 8015D Date Collected: 06/14/2017 12:00
Extraction Method: 3510C Date Extracted: 06/20/2017 08:03
Sample wt/vol: 990 (mL) Date Analyzed: 06/21/2017 06:30
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.: 444791 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	120	*	51	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	91		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009659.D
Lims ID: 460-135536-D-10-A
Client ID: GW-DUP
Sample Type: Client
Inject. Date: 21-Jun-2017 06:30:44 ALS Bottle#: 17 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056734-016
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:45:21 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: XAWRK001

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.565 (0.584-2.547) 2982003 122.6

\$ 2 o-Terphenyl

3.433 3.434 -0.001 524704 18.1

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009659.D

Injection Date: 21-Jun-2017 06:30:44

Instrument ID: CBNAGC3

Lims ID: 460-135536-D-10-A

Lab Sample ID: 460-135536-10

Client ID: GW-DUP

Operator ID: 615

ALS Bottle#: 17

Worklist Smp#: 16

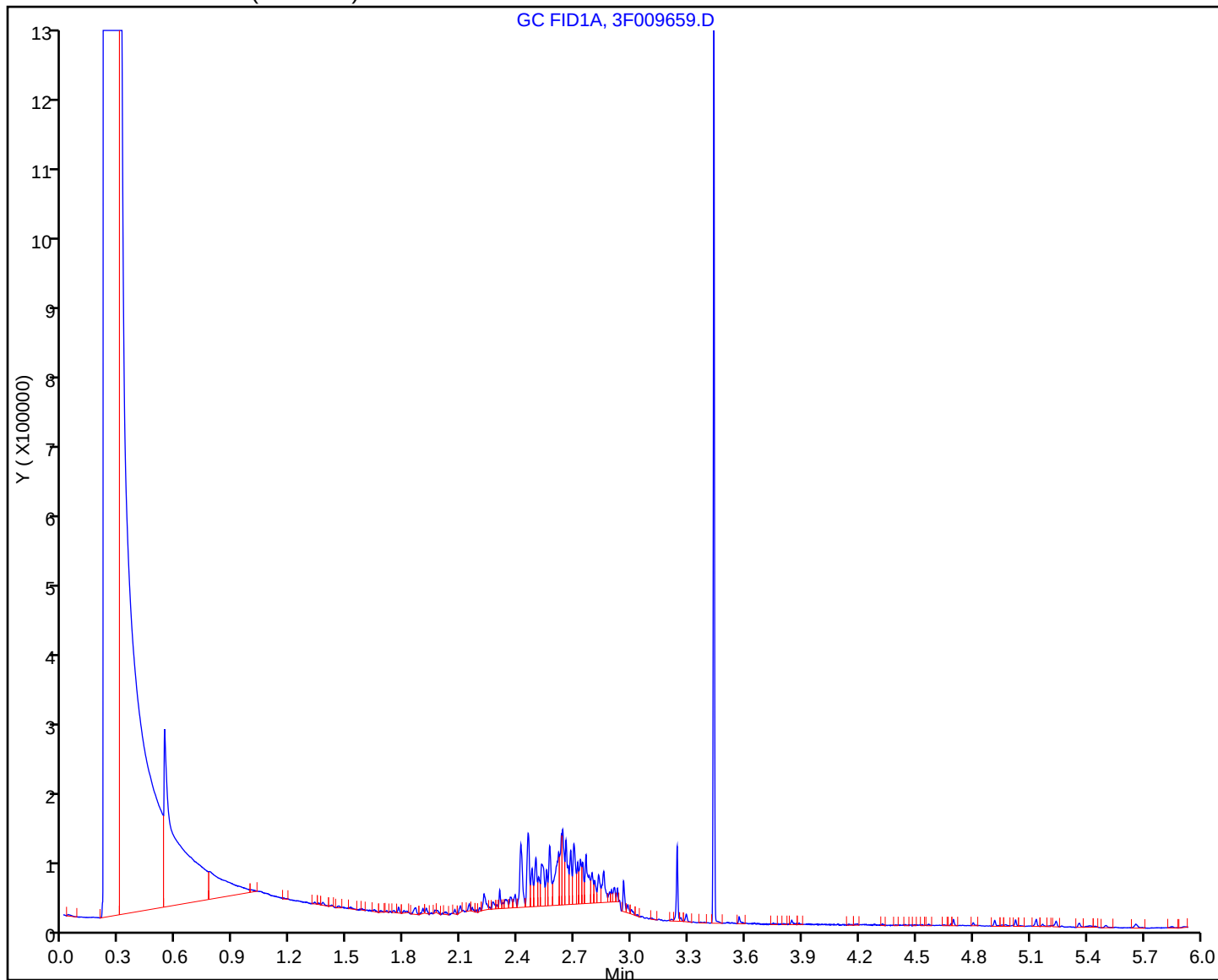
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-135385-1 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.: 460-135385-1 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.: 460-135385-1 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

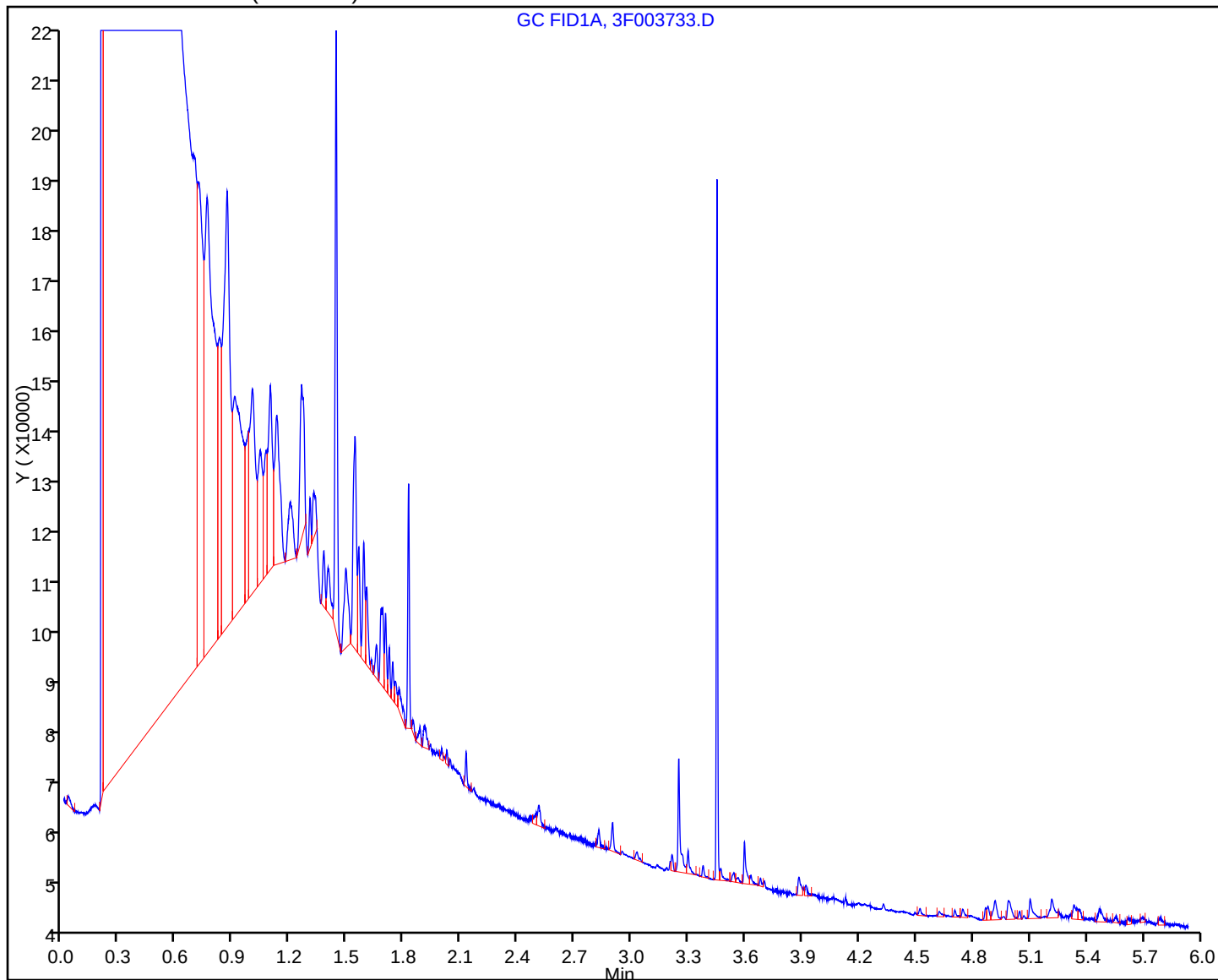
Injection Vol: 1.0 ul

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)

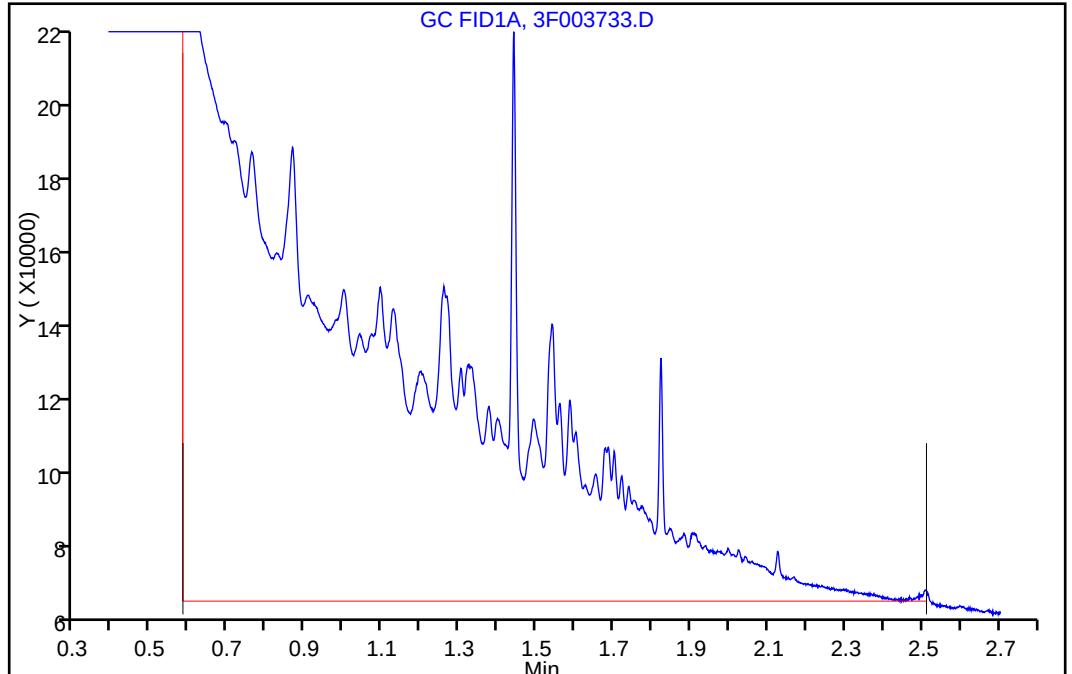
Detector: GC FID1A

A 1 Mineral Spirits, RT: 1.546, CAS: 64475-85-0

Signal: 1

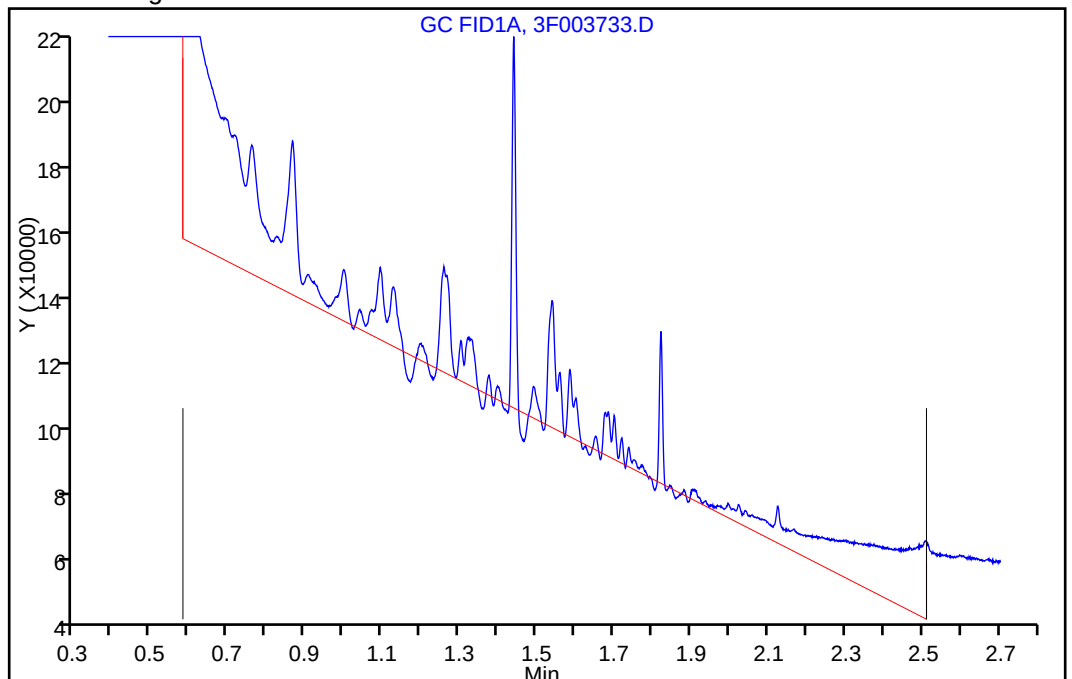
RT: 1.55
Response: 5479999
Amount: 119.6801

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

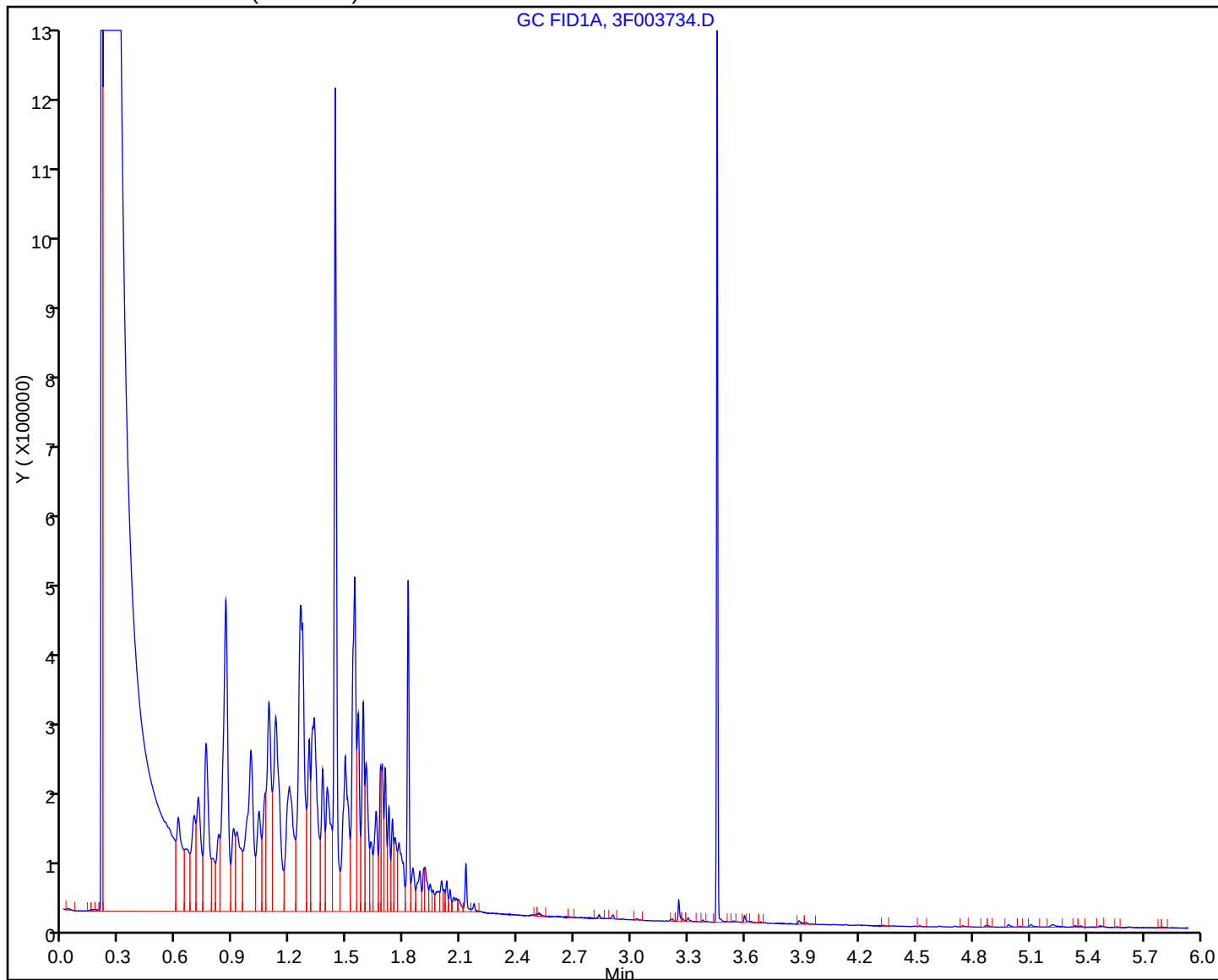
Injection Vol: 1.0 ul

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

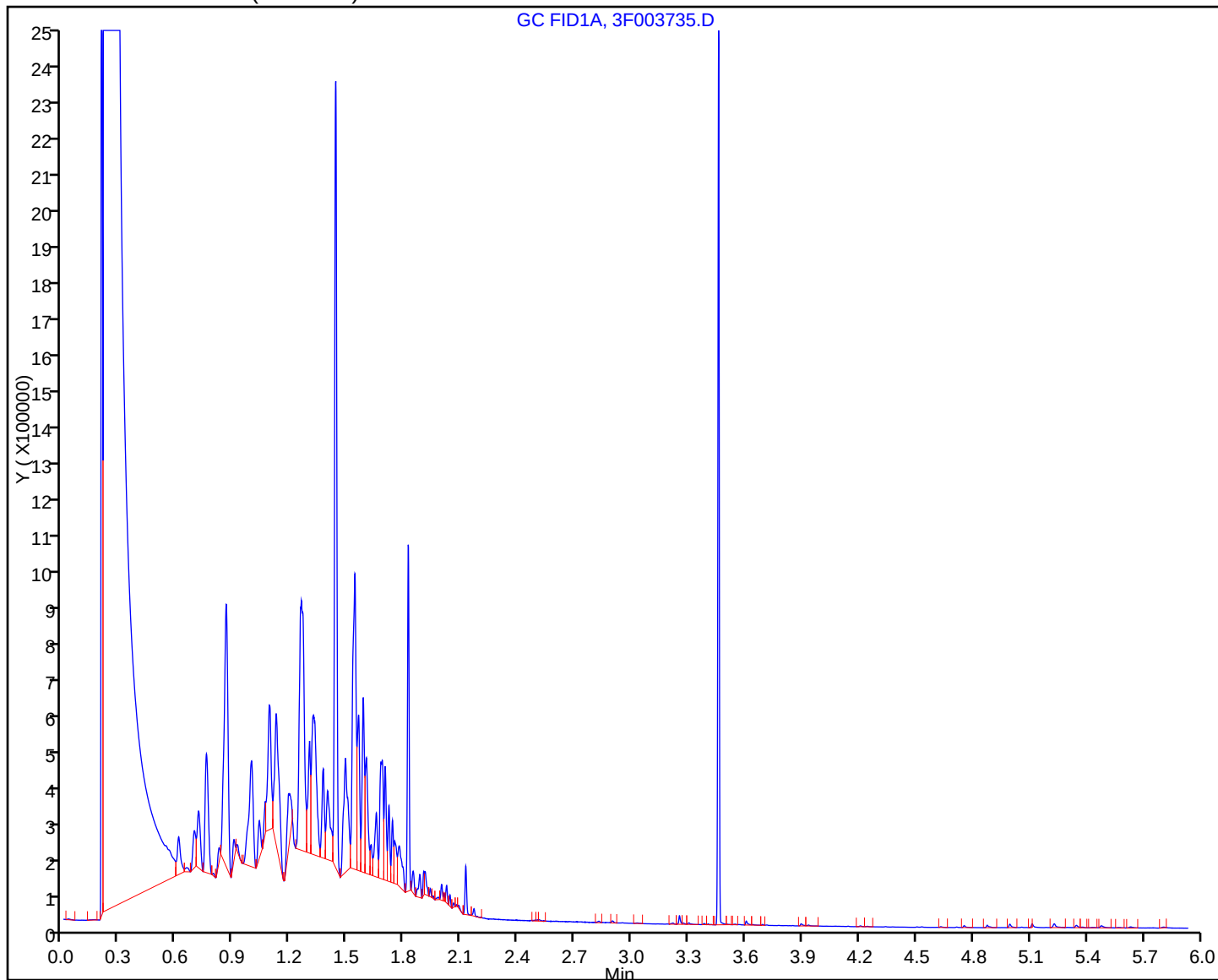
Injection Vol: 1.0 ul

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

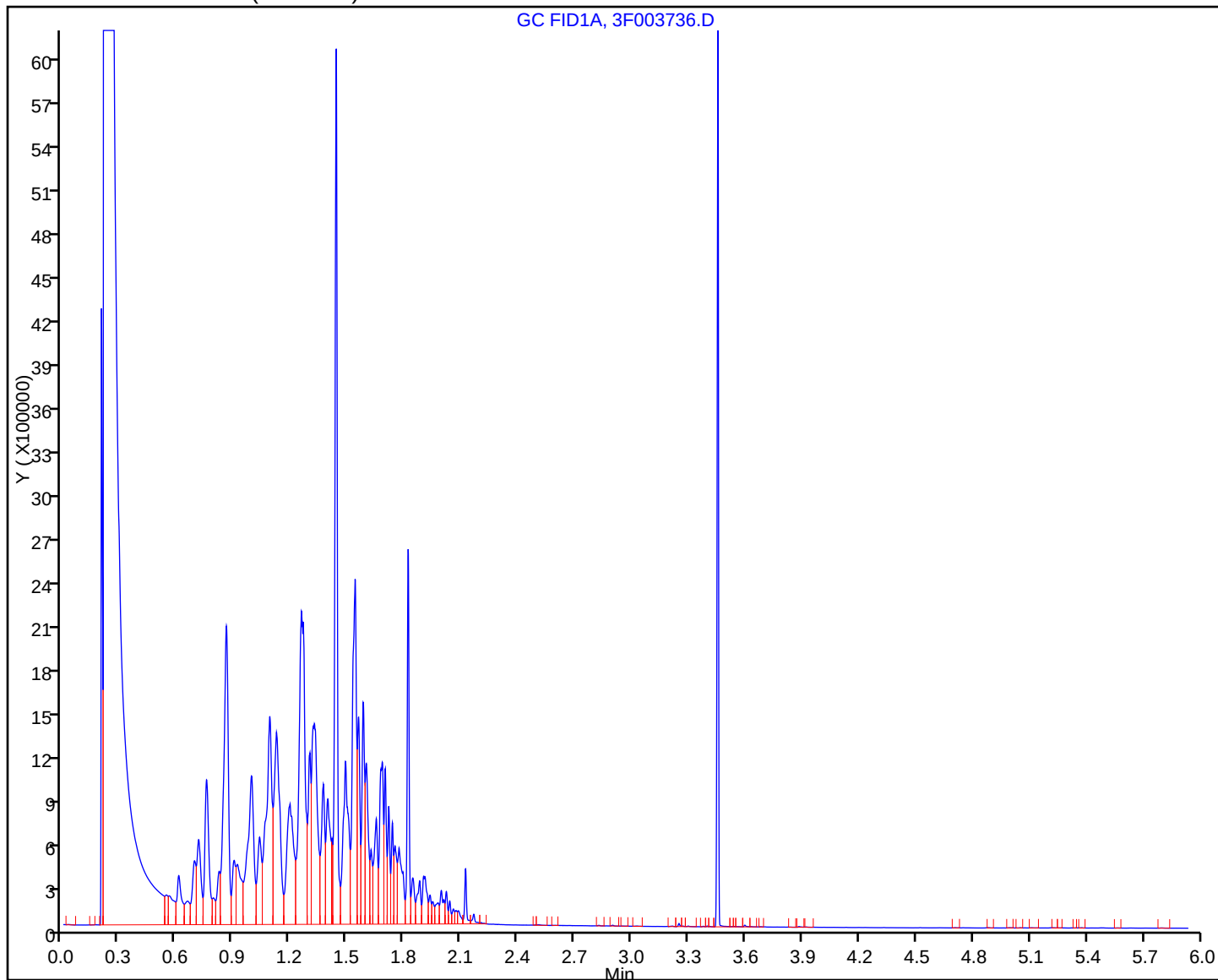
Injection Vol: 1.0 ul

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

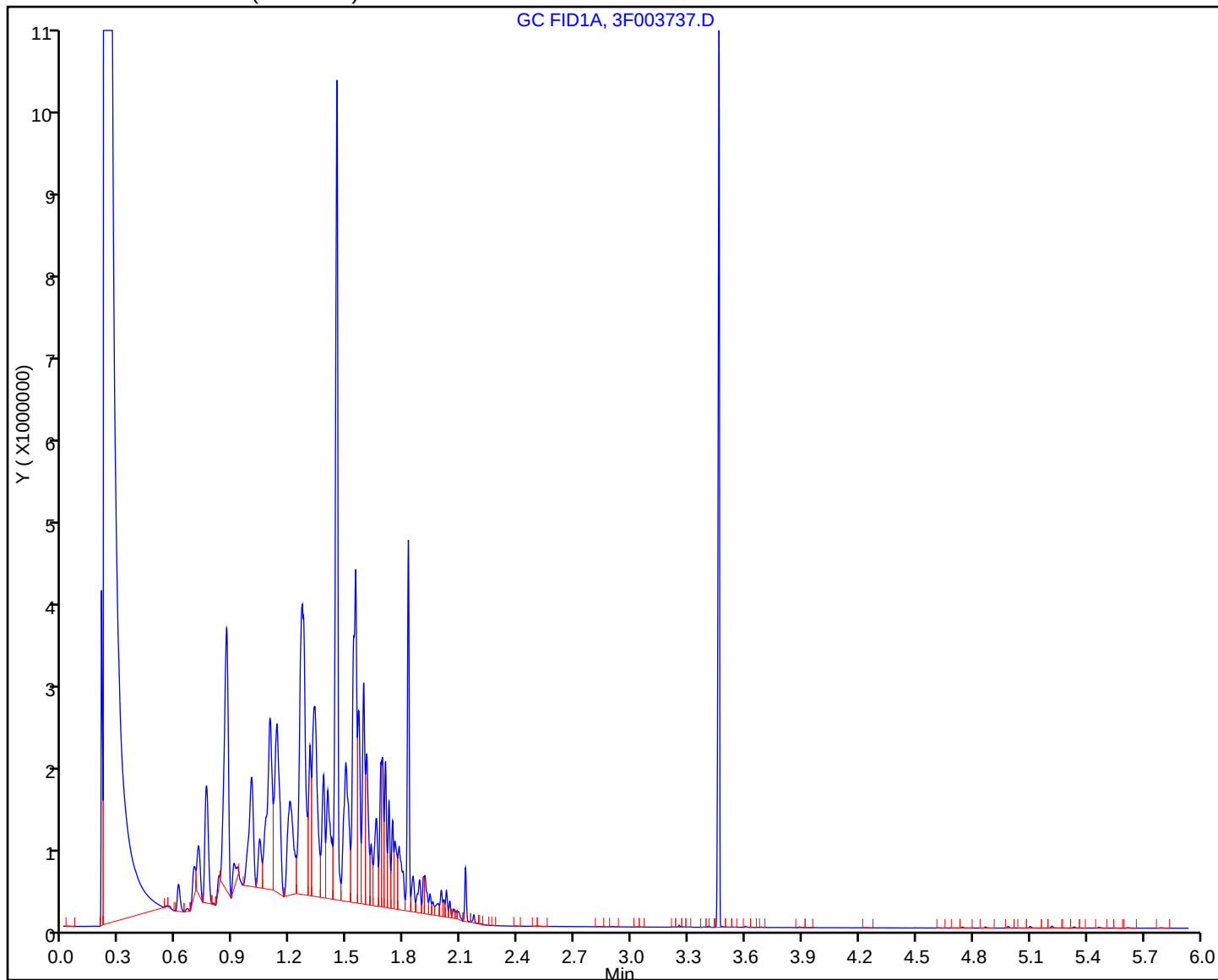
Injection Vol: 1.0 ul

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.: 460-135385-1
SDG No.: _____
Lab Sample ID: CCV 460-444364/2 Calibration Date: 06/19/2017 10:26
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: 3F009604.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Mineral Spirits	Ave	24331	23807		978	1000	-2.2	20.0
o-Terphenyl	Ave	28924	30855		42.7	40.0	6.7	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-135385-1
SDG No.: _____
Lab Sample ID: CCV 460-444364/2 Calibration Date: 06/19/2017 10:26
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: 3F009604.D

Analyte	RT	RT WINDOW	
		FROM	TO
Mineral Spirits	1.52	0.53	2.50
o-Terphenyl	3.46	3.41	3.51

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\3F009604.D
 Lims ID: CCV
 Client ID:
 Sample Type: CCV
 Inject. Date: 19-Jun-2017 10:26:40 ALS Bottle#: 5 Worklist Smp#: 2
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0056650-002
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 22-Jun-2017 15:47:25 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: XAWRK001

First Level Reviewer: patelji

Date: 19-Jun-2017 12:34:52

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.517	(0.534-2.500)	23806930	1000.0	978.5

\$ 2 o-Terphenyl

3.458	3.458	0.000	1234204	40.0	42.7

Reagents:

SG105MinL3_00007

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\3F009604.D

Injection Date: 19-Jun-2017 10:26:40

Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

Operator ID: 615

ALS Bottle#: 5

Worklist Smp#: 2

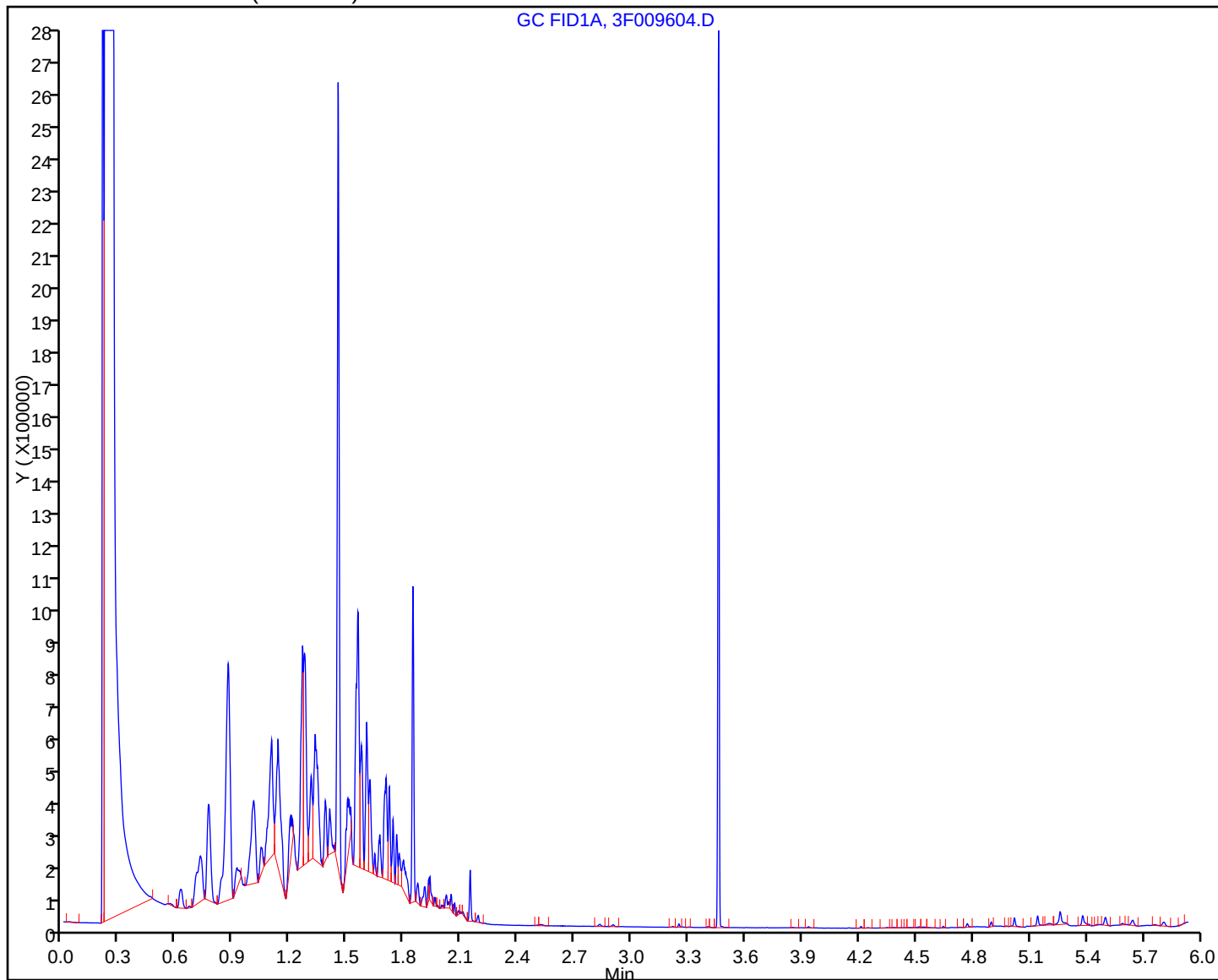
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-135385-1
SDG No.: _____
Lab Sample ID: CCV 460-444364/12 Calibration Date: 06/19/2017 12:10
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: 3F009614.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Mineral Spirits	Ave	24331	23571		969	1000	-3.1	20.0
o-Terphenyl	Ave	28924	30960		42.8	40.0	7.0	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-135385-1
SDG No.: _____
Lab Sample ID: CCV 460-444364/12 Calibration Date: 06/19/2017 12:10
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: 3F009614.D

Analyte	RT	RT WINDOW	
		FROM	TO
Mineral Spirits	1.52	0.53	2.50
o-Terphenyl	3.46	3.41	3.51

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\3F009614.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 19-Jun-2017 12:10:57 ALS Bottle#: 5 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056650-012
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-MS3F*sub1
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:47:36 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: XAWRK001

First Level Reviewer: patelji

Date: 19-Jun-2017 12:34:22

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.517 (0.534-2.500) 23571489 1000.0 968.8

\$ 2 o-Terphenyl

3.458 3.458 0.000 1238392 40.0 42.8

Reagents:

SG105MinL3_00007

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\3F009614.D

Injection Date: 19-Jun-2017 12:10:57

Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

Operator ID: 615

ALS Bottle#: 5

Worklist Smp#: 12

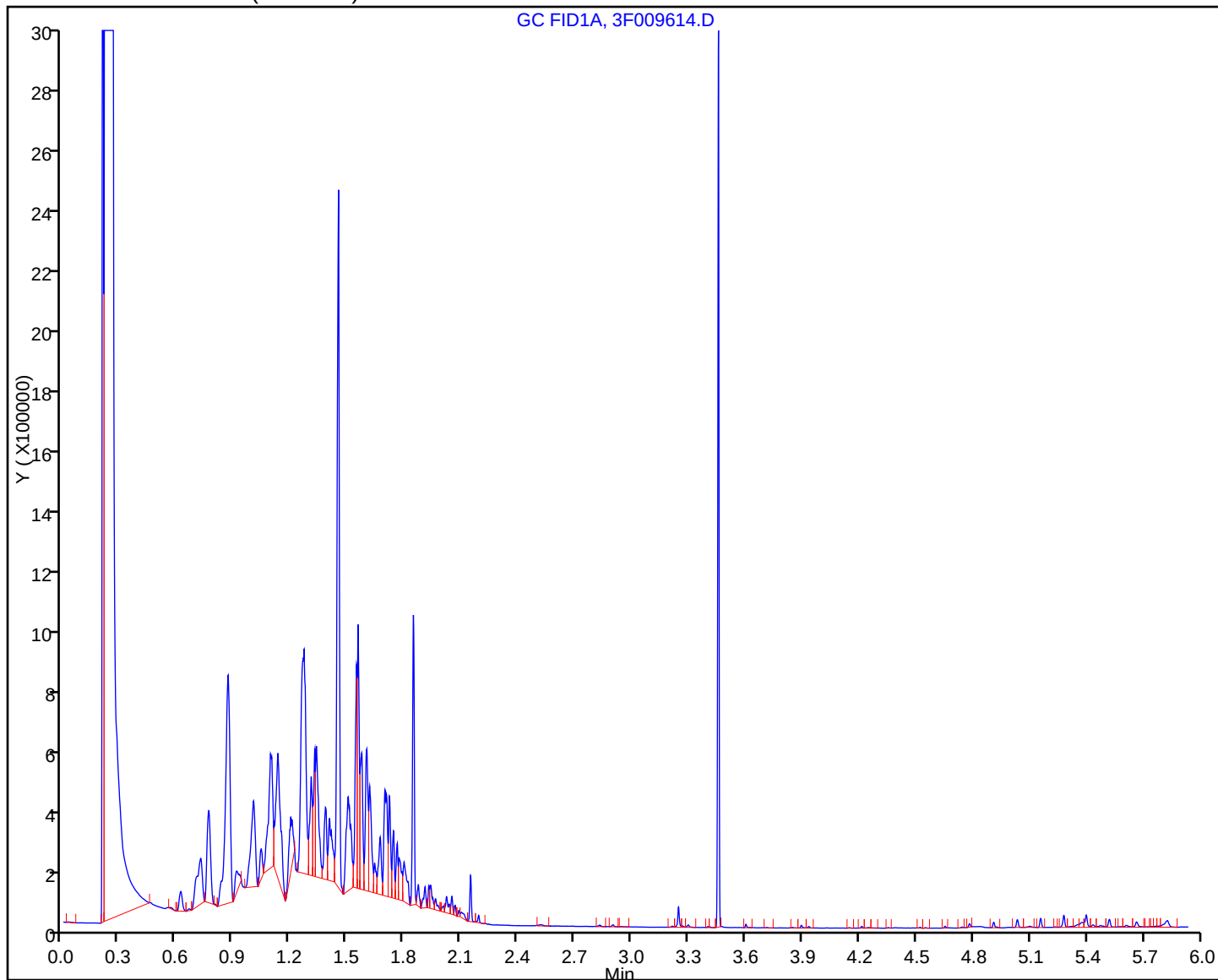
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-135385-1
SDG No.: _____
Lab Sample ID: CCV 460-444791/2 Calibration Date: 06/21/2017 03:32
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: 3F009645.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Mineral Spirits	Ave	24331	27556		1130	1000	13.3	20.0
o-Terphenyl	Ave	28924	30039		41.5	40.0	3.9	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-135385-1
SDG No.: _____
Lab Sample ID: CCV 460-444791/2 Calibration Date: 06/21/2017 03:32
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: 3F009645.D

Analyte	RT	RT WINDOW	
		FROM	TO
Mineral Spirits	1.57	0.58	2.55
o-Terphenyl	3.43	3.38	3.48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009645.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 21-Jun-2017 03:32:59 ALS Bottle#: 5 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056732-002
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-MS3F*sub1
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:45:03 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: XAWRK001

First Level Reviewer: oladapof

Date: 21-Jun-2017 03:51:03

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.565 (0.584-2.547) 27555574 1000.0 1132.5

\$ 2 o-Terphenyl

3.434 3.434 0.000 1201544 40.0 41.5

Reagents:

SG105MinL3_00007

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009645.D

Injection Date: 21-Jun-2017 03:32:59

Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

Operator ID: 615

ALS Bottle#: 5

Worklist Smp#: 2

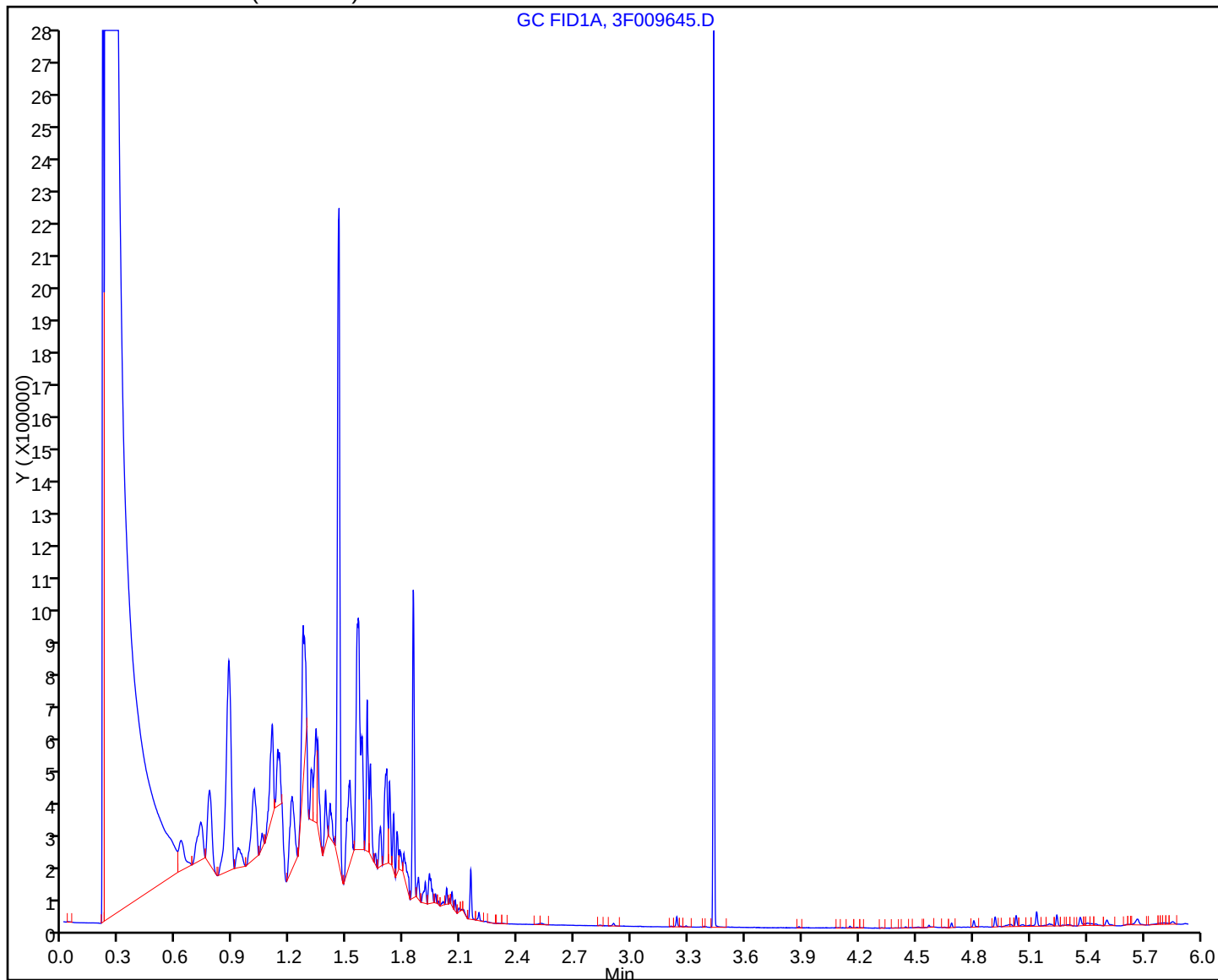
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-135385-1
SDG No.: _____
Lab Sample ID: CCV 460-444791/14 Calibration Date: 06/21/2017 05:32
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: 3F009657.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Mineral Spirits	Ave	24331	24174		994	1000	-0.6	20.0
o-Terphenyl	Ave	28924	30383		42.0	40.0	5.0	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-135385-1
SDG No.: _____
Lab Sample ID: CCV 460-444791/14 Calibration Date: 06/21/2017 05:32
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: 3F009657.D

Analyte	RT	RT WINDOW	
		FROM	TO
Mineral Spirits	1.57	0.58	2.55
o-Terphenyl	3.44	3.38	3.48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009657.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 21-Jun-2017 05:32:29 ALS Bottle#: 5 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056732-014
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-MS3F*sub1
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:45:21 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: XAWRK001

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.565	(0.584-2.547)		24174451	1000.0	993.6	

\$ 2 o-Terphenyl

3.436	3.434	0.002	1215334	40.0	42.0	

Reagents:

SG105MinL3_00007

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009657.D

Injection Date: 21-Jun-2017 05:32:29

Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

Operator ID: 615

ALS Bottle#: 5

Worklist Smp#: 14

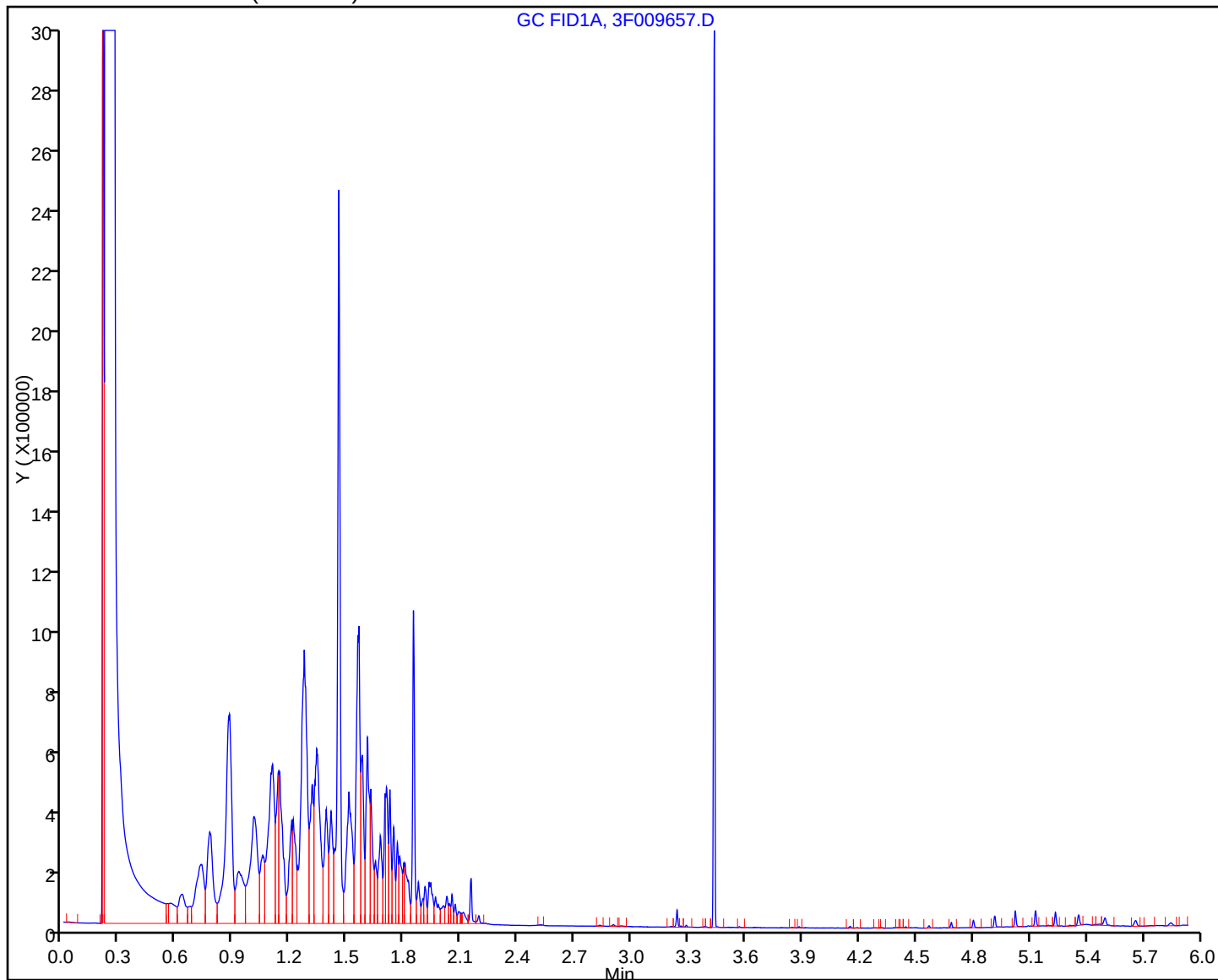
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-135385-1
SDG No.: _____
Lab Sample ID: CCV 460-444791/18 Calibration Date: 06/21/2017 07:12
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: 3F009661.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Mineral Spirits	Ave	24331	24197		995	1000	-0.5	20.0
o-Terphenyl	Ave	28924	30147		41.7	40.0	4.2	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-135385-1
SDG No.: _____
Lab Sample ID: CCV 460-444791/18 Calibration Date: 06/21/2017 07:12
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: 3F009661.D

Analyte	RT	RT WINDOW	
		FROM	TO
Mineral Spirits	1.57	0.58	2.55
o-Terphenyl	3.44	3.38	3.48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009661.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 21-Jun-2017 07:12:28 ALS Bottle#: 5 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056732-014
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-MS3F*sub1
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:45:26 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: XAWRK001

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits
1.565 (0.584-2.547) 24197202 1000.0 994.5

\$ 2 o-Terphenyl
3.440 3.434 0.006 1205883 40.0 41.7

Reagents:

SG105MinL3_00007 Amount Added: 1.00 Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009661.D

Injection Date: 21-Jun-2017 07:12:28

Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

Operator ID: 615

ALS Bottle#: 5

Worklist Smp#: 18

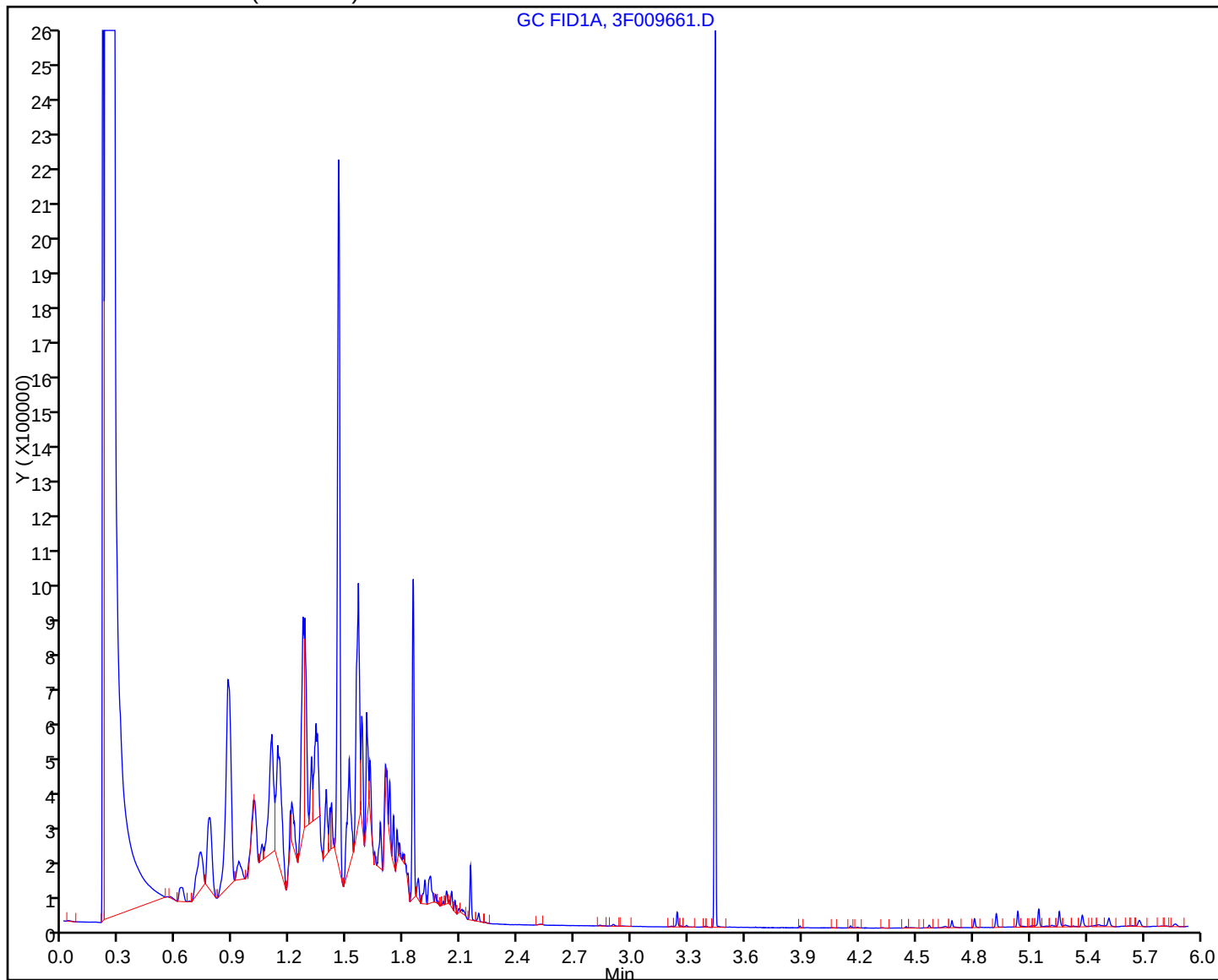
Injection Vol: 1.0 ul

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.: 460-135385-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-444195/1-A
Matrix: Water Lab File ID: 3F009605.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: 3510C Date Extracted: 06/18/2017 07:15
Sample wt/vol: 1000 (mL) Date Analyzed: 06/19/2017 10:39
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.: 444364 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	90		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\3F009605.D
Lims ID: MB 460-444195/1-A
Client ID:
Sample Type: MB
Inject. Date: 19-Jun-2017 10:39:08 ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056650-003
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:47:25 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: XAWRK001

First Level Reviewer: oladapof

Date: 20-Jun-2017 05:20:45

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.452	3.458	-0.006	522056	20.0	18.0	

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\3F009605.D

Injection Date: 19-Jun-2017 10:39:08

Instrument ID: CBNAGC3

Lims ID: MB 460-444195/1-A

Client ID:

Operator ID: 615

ALS Bottle#: 6

Worklist Smp#: 3

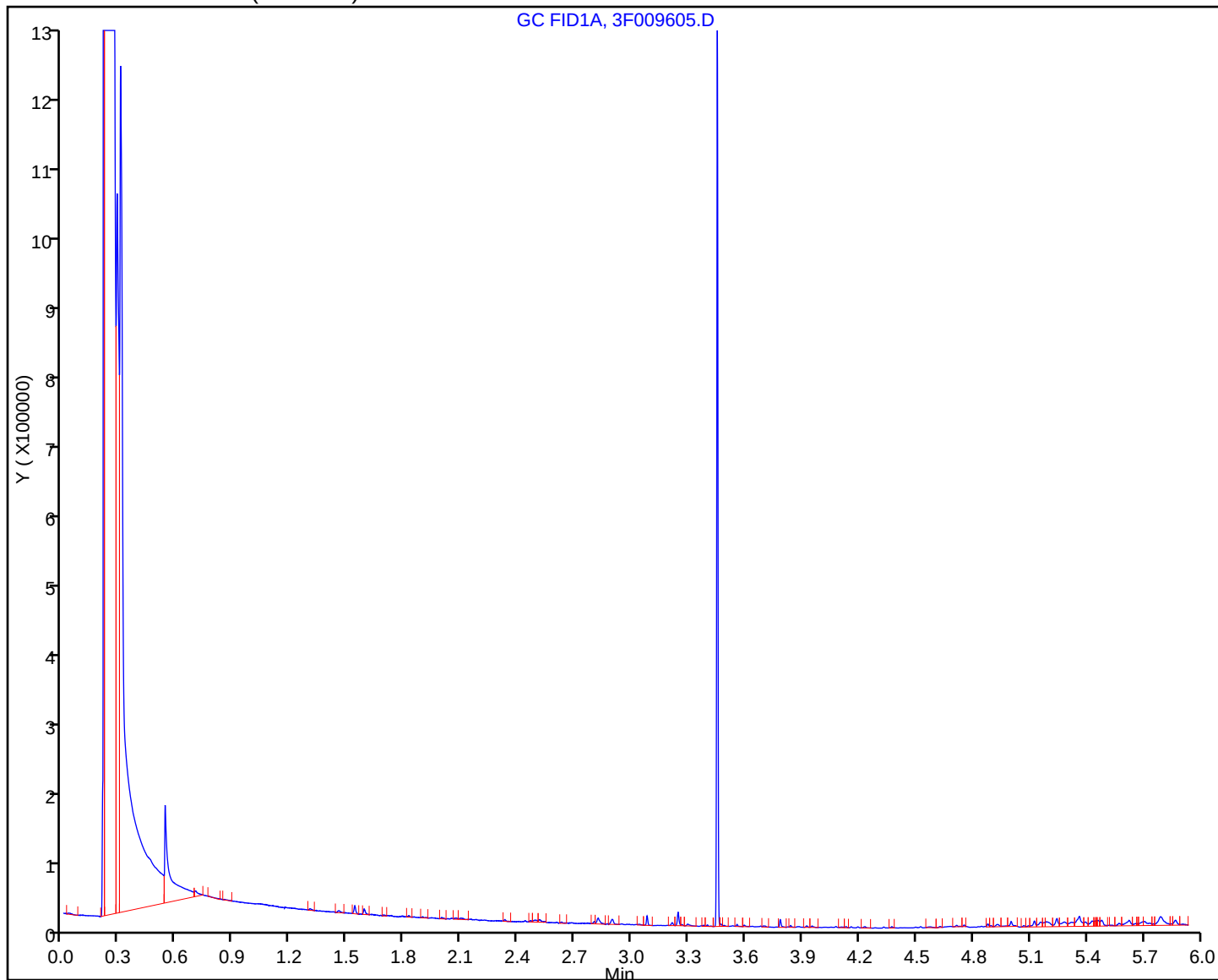
Injection Vol: 1.0 ul

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.: 460-135385-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-444582/1-A
Matrix: Water Lab File ID: 3F009646.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: 3510C Date Extracted: 06/20/2017 08:03
Sample wt/vol: 1000 (mL) Date Analyzed: 06/21/2017 03:42
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.: 444791 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	94		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009646.D
Lims ID: MB 460-444582/1-A
Client ID:
Sample Type: MB
Inject. Date: 21-Jun-2017 03:42:52 ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056732-003
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:45:03 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: XAWRK001

First Level Reviewer: oladapof

Date: 21-Jun-2017 09:41:18

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.432	3.434	-0.002	542851	20.0	18.8	

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009646.D

Injection Date: 21-Jun-2017 03:42:52

Instrument ID: CBNAGC3

Lims ID: MB 460-444582/1-A

Client ID:

Operator ID: 615

ALS Bottle#: 6

Worklist Smp#: 3

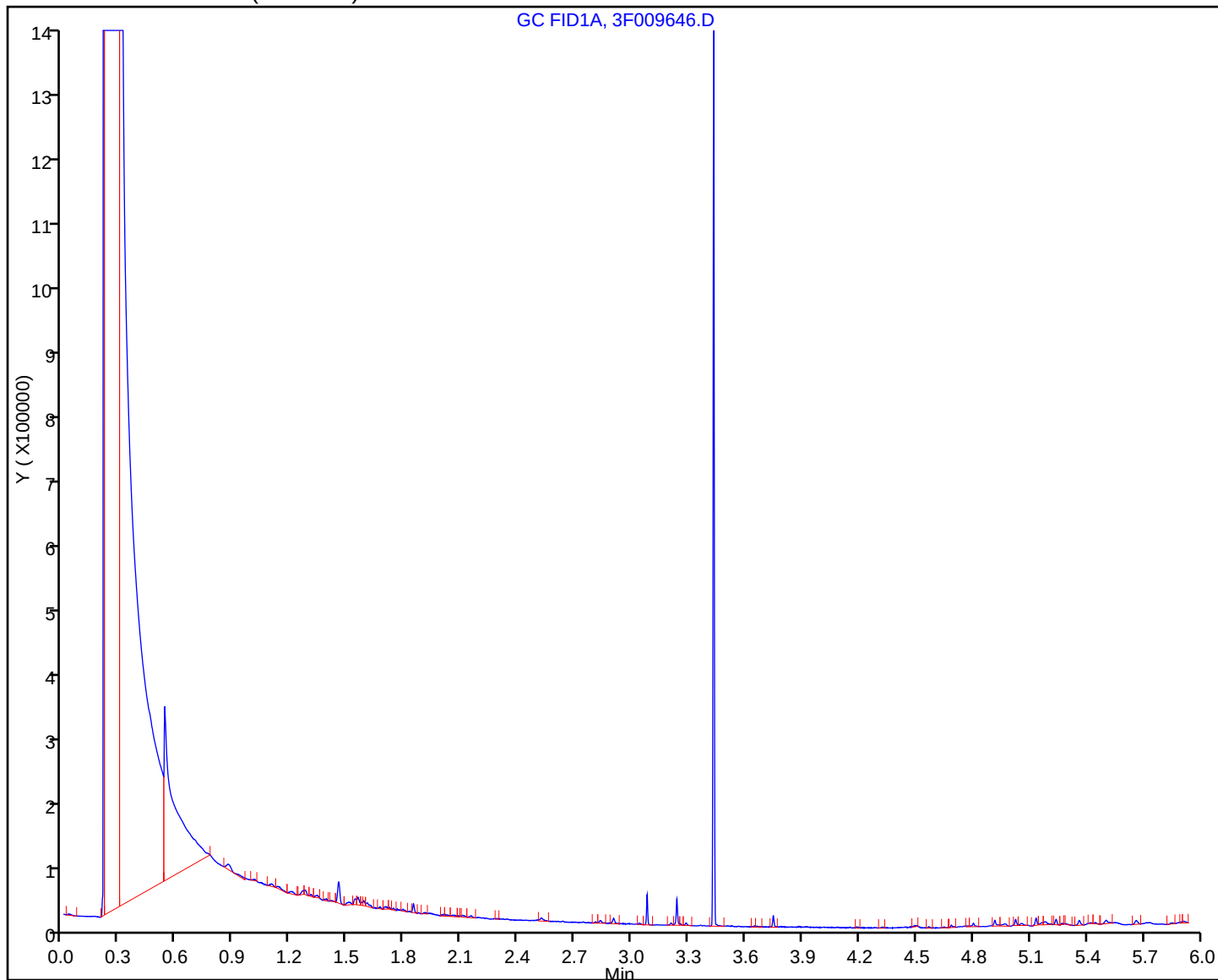
Injection Vol: 1.0 ul

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.: 460-135385-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: PIBLK 460-444364/1
Matrix: Water Lab File ID: 3F009603.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 1(mL) Date Analyzed: 06/19/2017 10:16
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.: 444364 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	130		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\3F009603.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 19-Jun-2017 10:16:34 ALS Bottle#: 4 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056650-001
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:47:04 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: XAWRK001

First Level Reviewer: patelji

Date: 19-Jun-2017 12:35:15

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.458 3.458 0.000 1504601 40.0 52.0

Reagents:

SGPIBLKDRO_00013

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\3F009603.D

Injection Date: 19-Jun-2017 10:16:34

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 4

Worklist Smp#: 1

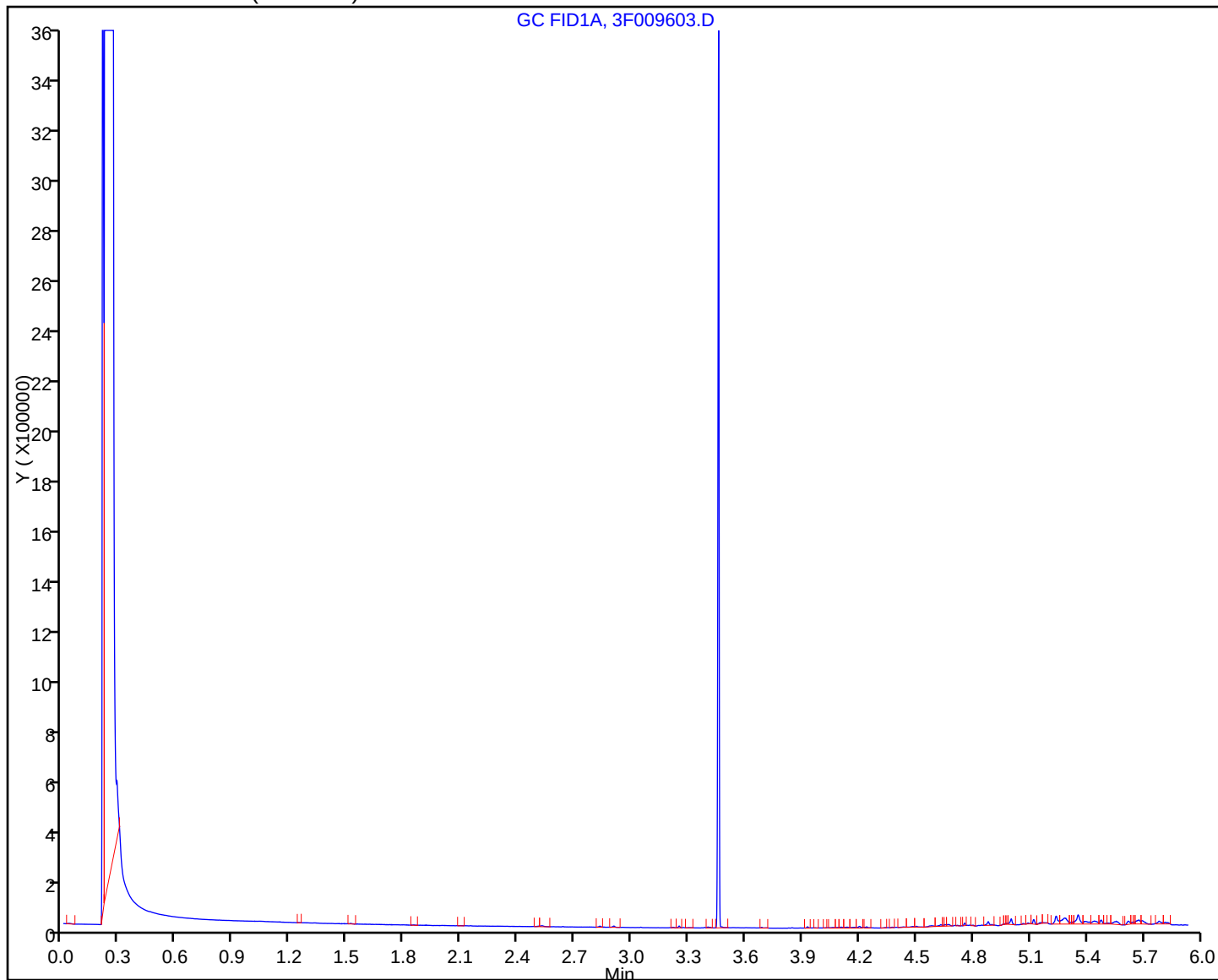
Injection Vol: 1.0 ul

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.: 460-135385-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-444364/11
 Matrix: Water Lab File ID: 3F009613.D
 Analysis Method: 8015D Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: 1(mL) Date Analyzed: 06/19/2017 12:00
 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.: 444364 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	128		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\3F009613.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 19-Jun-2017 12:00:39 ALS Bottle#: 4 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056650-011
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:47:25 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: XAWRK001

First Level Reviewer: oladapof

Date: 20-Jun-2017 05:21:20

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.466 3.458 0.008 1482363 40.0 51.2

Reagents:

SGPIBLKDRO_00013

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\3F009613.D

Injection Date: 19-Jun-2017 12:00:39

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 4

Worklist Smp#: 11

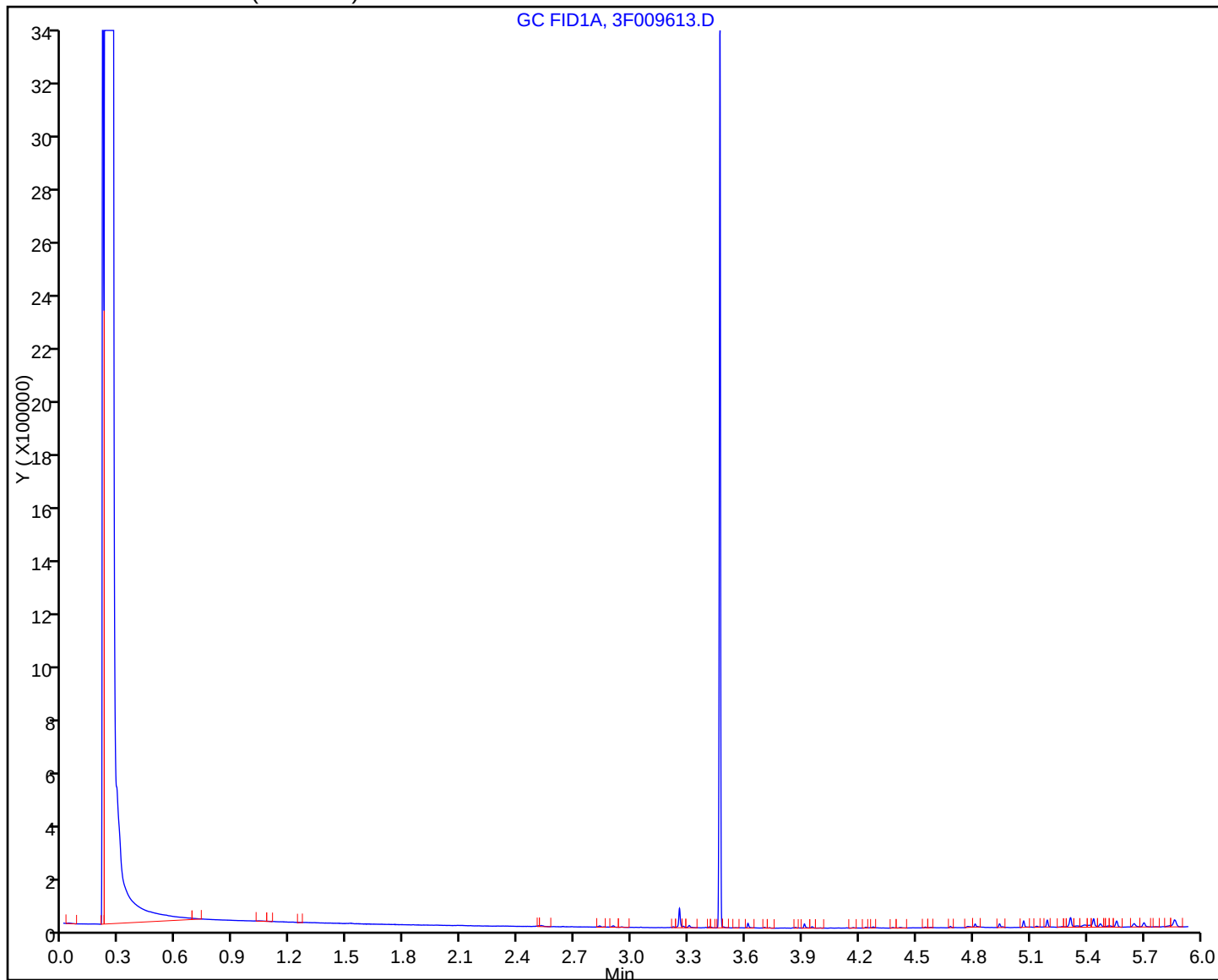
Injection Vol: 1.0 ul

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.: 460-135385-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-444791/1
 Matrix: Water Lab File ID: 3F009644.D
 Analysis Method: 8015D Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: 1(mL) Date Analyzed: 06/21/2017 03:23
 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.: 444791 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	144		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009644.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 21-Jun-2017 03:23:05 ALS Bottle#: 4 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056732-001
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:42:01 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: XAWRK001

First Level Reviewer: oladapof

Date: 21-Jun-2017 09:41:13

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.439 3.434 0.005 1669825 40.0 57.7

Reagents:

SGPIBLKDRO_00013

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009644.D

Injection Date: 21-Jun-2017 03:23:05

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 4

Worklist Smp#: 1

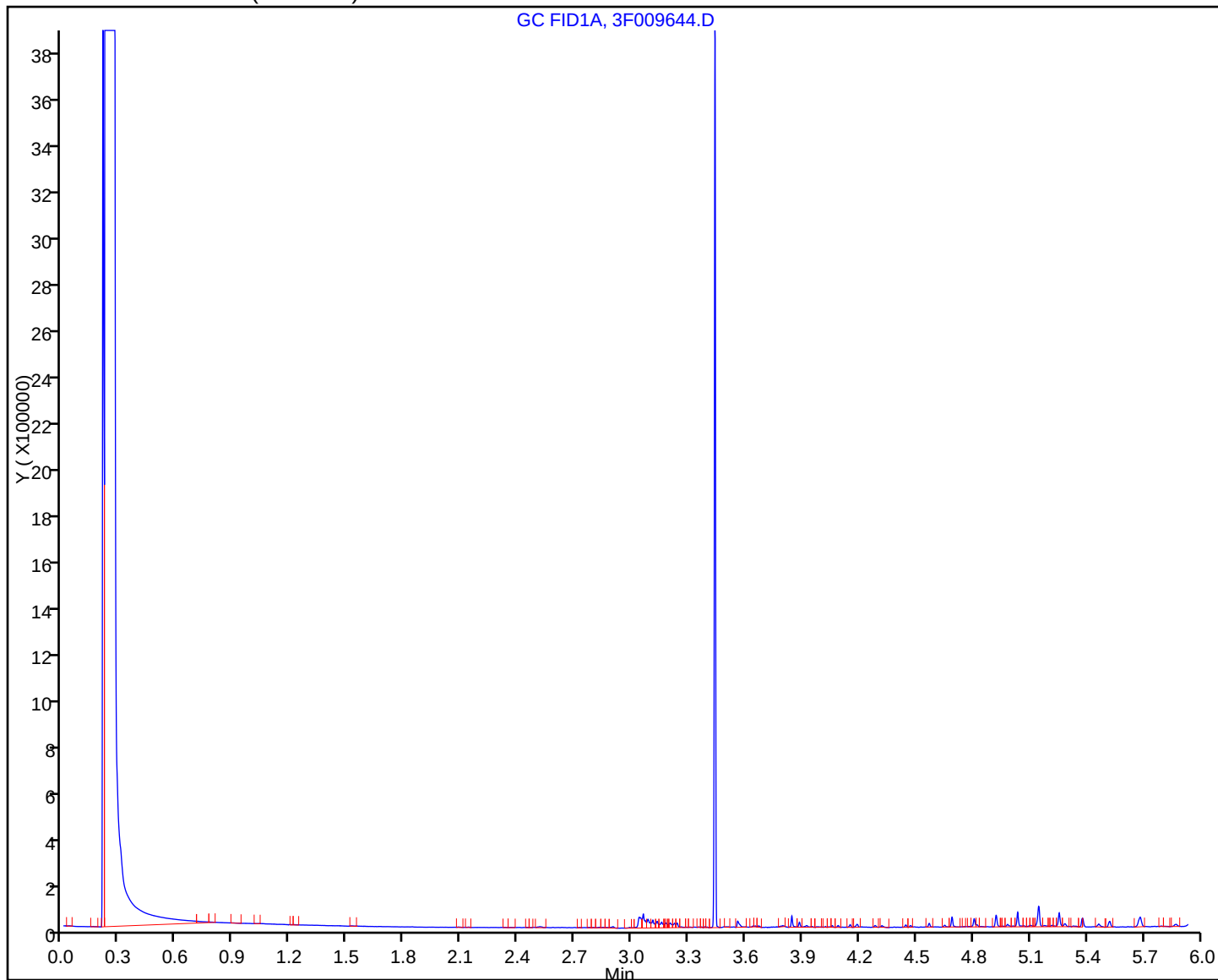
Injection Vol: 1.0 ul

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.: 460-135385-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: PIBLK 460-444791/13
Matrix: Water Lab File ID: 3F009656.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 1(mL) Date Analyzed: 06/21/2017 05:22
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.: 444791 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	139		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009656.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 21-Jun-2017 05:22:25 ALS Bottle#: 4 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056732-013
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:45:03 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: XAWRK001

First Level Reviewer: oladapof

Date: 21-Jun-2017 09:41:33

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl
3.432 3.434 -0.002 1609179 40.0 55.6

Reagents:

SGPIBLKDRO_00013 Amount Added: 1.00 Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009656.D

Injection Date: 21-Jun-2017 05:22:25

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 4

Worklist Smp#: 13

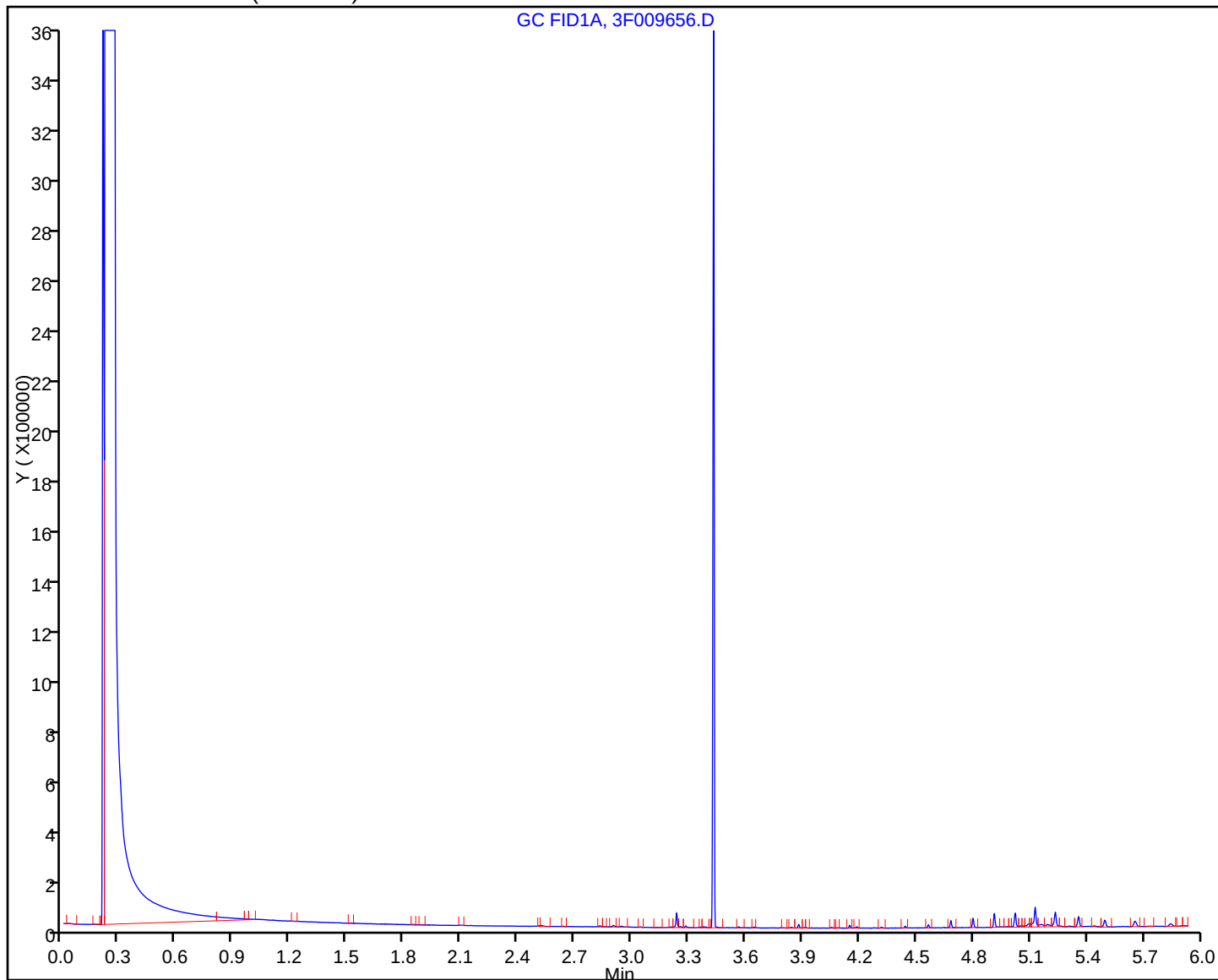
Injection Vol: 1.0 ul

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.: 460-135385-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: PIBLK 460-444791/17
Matrix: Water Lab File ID: 3F009660.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 1(mL) Date Analyzed: 06/21/2017 07:02
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.: 444791 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	139		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009660.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 21-Jun-2017 07:02:35 ALS Bottle#: 4 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056732-013
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:45:21 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: XAWRK001

First Level Reviewer: oladapof

Date: 21-Jun-2017 09:41:48

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.450 3.434 0.016 1605963 40.0 55.5

Reagents:

SGPIBLKDRO_00013

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009660.D

Injection Date: 21-Jun-2017 07:02:35

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 4

Worklist Smp#: 17

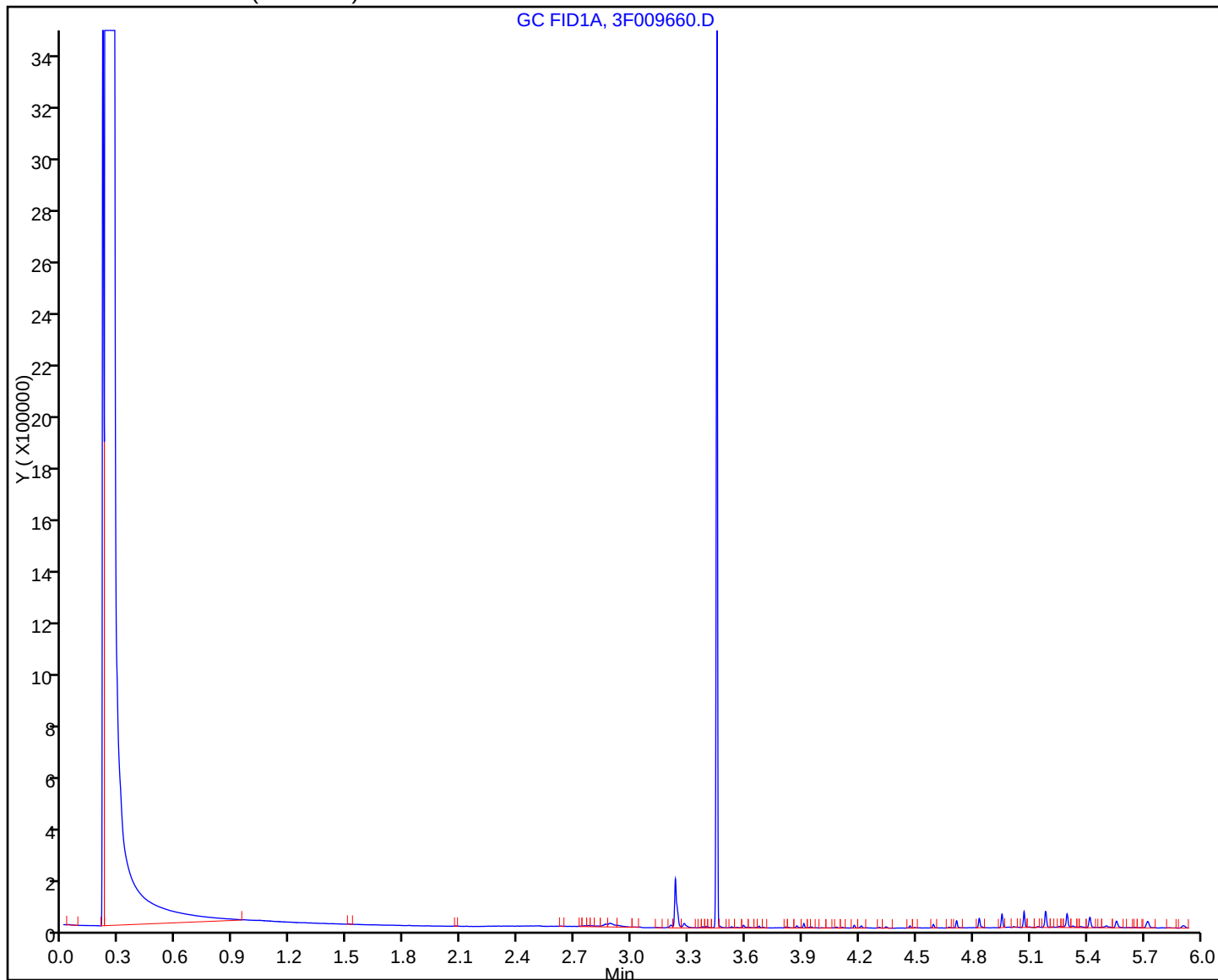
Injection Vol: 1.0 ul

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.: 460-135385-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-444195/2-A
Matrix: Water Lab File ID: 3F009606.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: 3510C Date Extracted: 06/18/2017 07:15
Sample wt/vol: 1000 (mL) Date Analyzed: 06/19/2017 10:49
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.: 444364 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	2530		50	6.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	94		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\3F009606.D
Lims ID: LCS 460-444195/2-A
Client ID:
Sample Type: LCS
Inject. Date: 19-Jun-2017 10:49:15 ALS Bottle#: 7 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056650-004
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:47:25 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: XAWRK001

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.517	(0.534-2.500)		61497409	2000.0	2527.6	

\$ 2 o-Terphenyl

3.455	3.458	-0.003	546561	20.0	18.9	

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\3F009606.D

Injection Date: 19-Jun-2017 10:49:15

Instrument ID: CBNAGC3

Lims ID: LCS 460-444195/2-A

Client ID:

Operator ID: 615

ALS Bottle#: 7

Worklist Smp#: 4

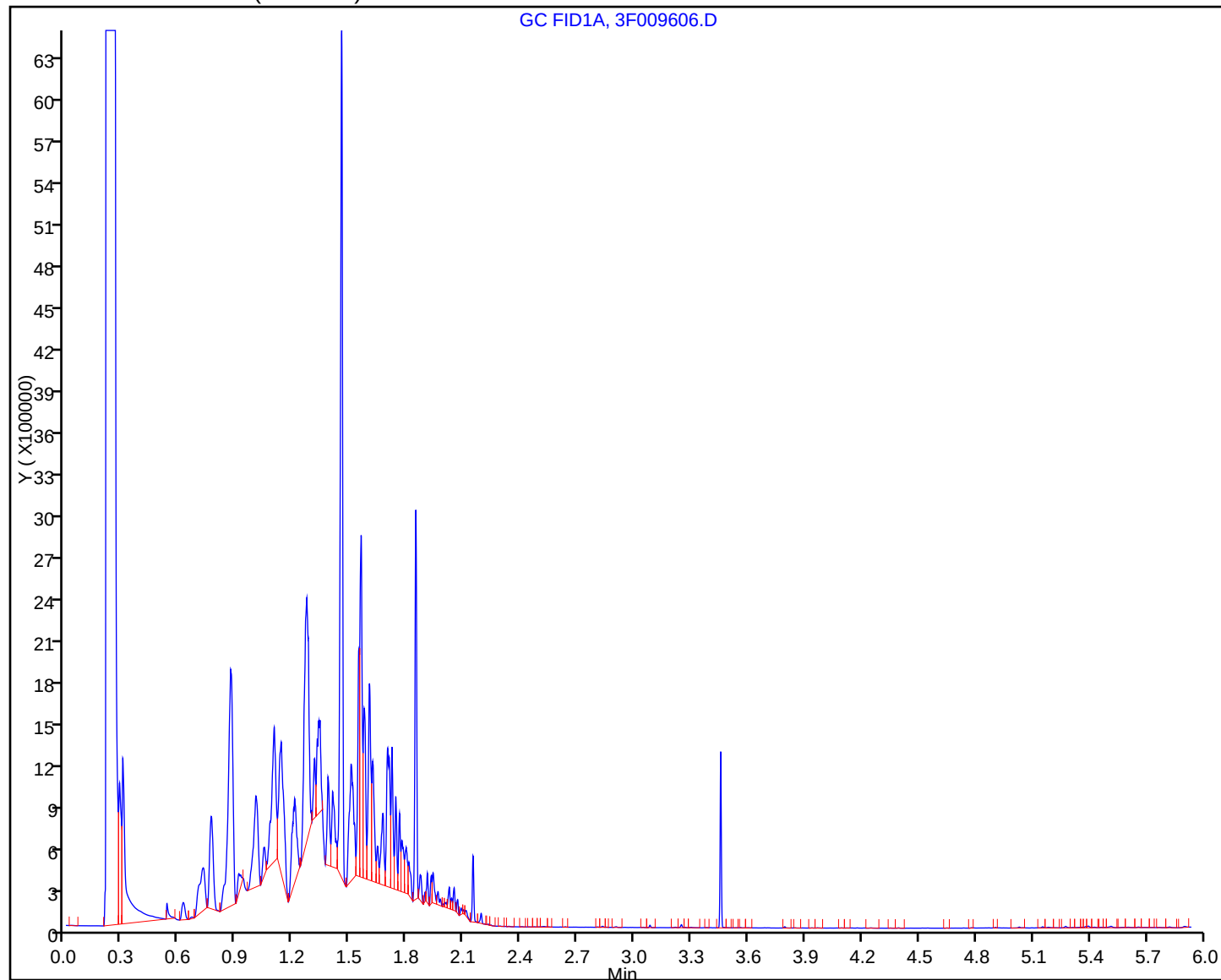
Injection Vol: 1.0 ul

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.: 460-135385-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-444582/2-A
Matrix: Water Lab File ID: 3F009648.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: 3510C Date Extracted: 06/20/2017 08:03
Sample wt/vol: 1000 (mL) Date Analyzed: 06/21/2017 04:02
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.: 444791 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	2070		50	6.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	103		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009648.D
Lims ID: LCS 460-444582/2-A
Client ID:
Sample Type: LCS
Inject. Date: 21-Jun-2017 04:02:46 ALS Bottle#: 8 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056732-005
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:45:03 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: XAWRK001

First Level Reviewer: nimerd

Date: 22-Jun-2017 15:41:19

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.565 (0.584-2.547) 50277964 2000.0 2066.4

\$ 2 o-Terphenyl

3.434 3.434 0.000 595620 20.0 20.6

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009648.D

Injection Date: 21-Jun-2017 04:02:46

Instrument ID: CBNAGC3

Lims ID: LCS 460-444582/2-A

Client ID:

Operator ID: 615

ALS Bottle#: 8

Worklist Smp#: 5

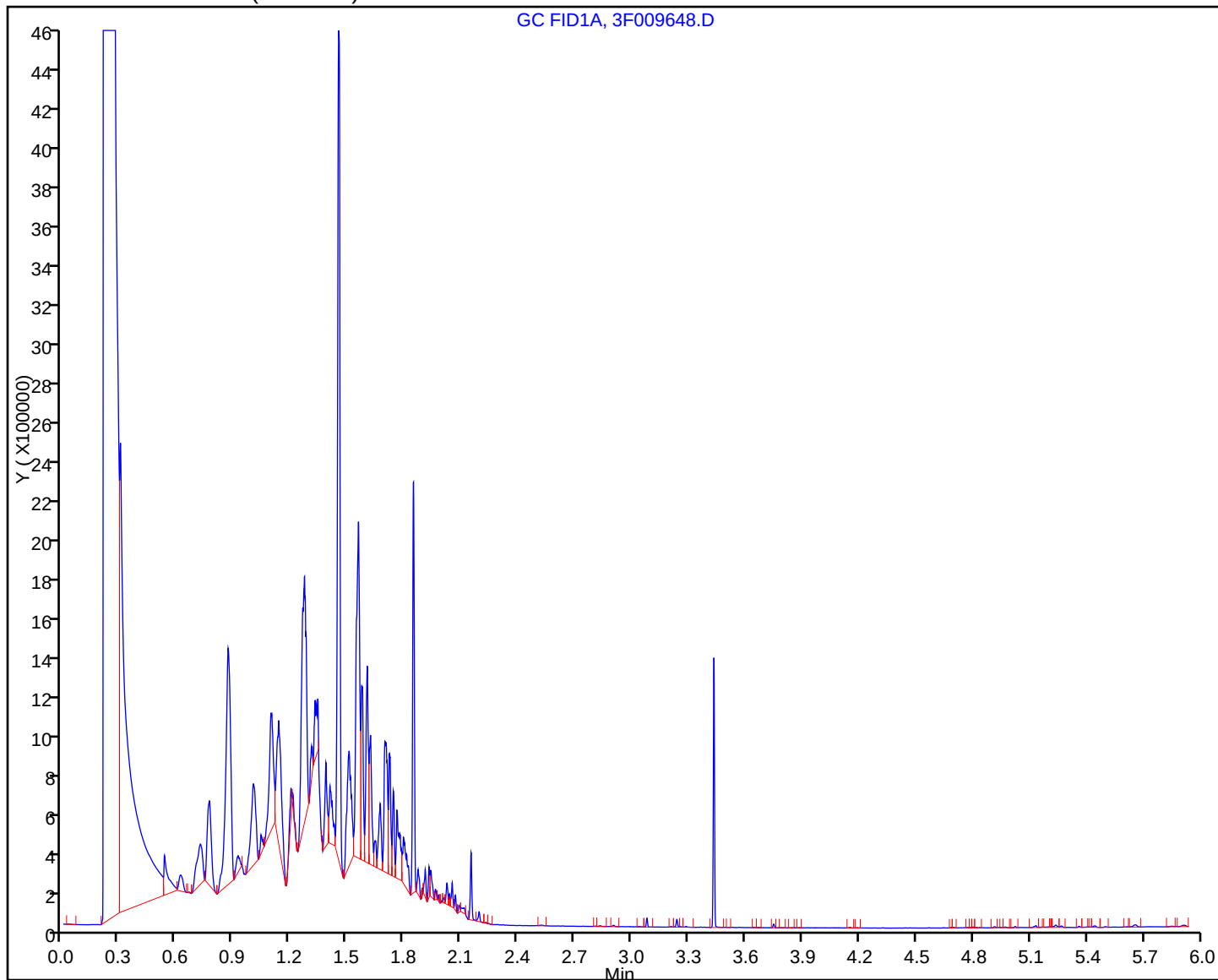
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-135385-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCSD 460-444195/3-A
Matrix: Water Lab File ID: 3F009607.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: 3510C Date Extracted: 06/18/2017 07:15
Sample wt/vol: 1000 (mL) Date Analyzed: 06/19/2017 10:59
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.: 444364 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	1480		50	6.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	92		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\3F009607.D
Lims ID: LCSD 460-444195/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 19-Jun-2017 10:59:19 ALS Bottle#: 8 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056650-005
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:47:25 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: XAWRK001

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.517	(0.534-2.500)		36072454	2000.0	1482.6	

\$ 2 o-Terphenyl

3.454	3.458	-0.004	530784	20.0	18.4	

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170619-56650.b\3F009607.D

Injection Date: 19-Jun-2017 10:59:19

Instrument ID: CBNAGC3

Lims ID: LCSD 460-444195/3-A

Client ID:

Operator ID: 615

ALS Bottle#: 8

Worklist Smp#: 5

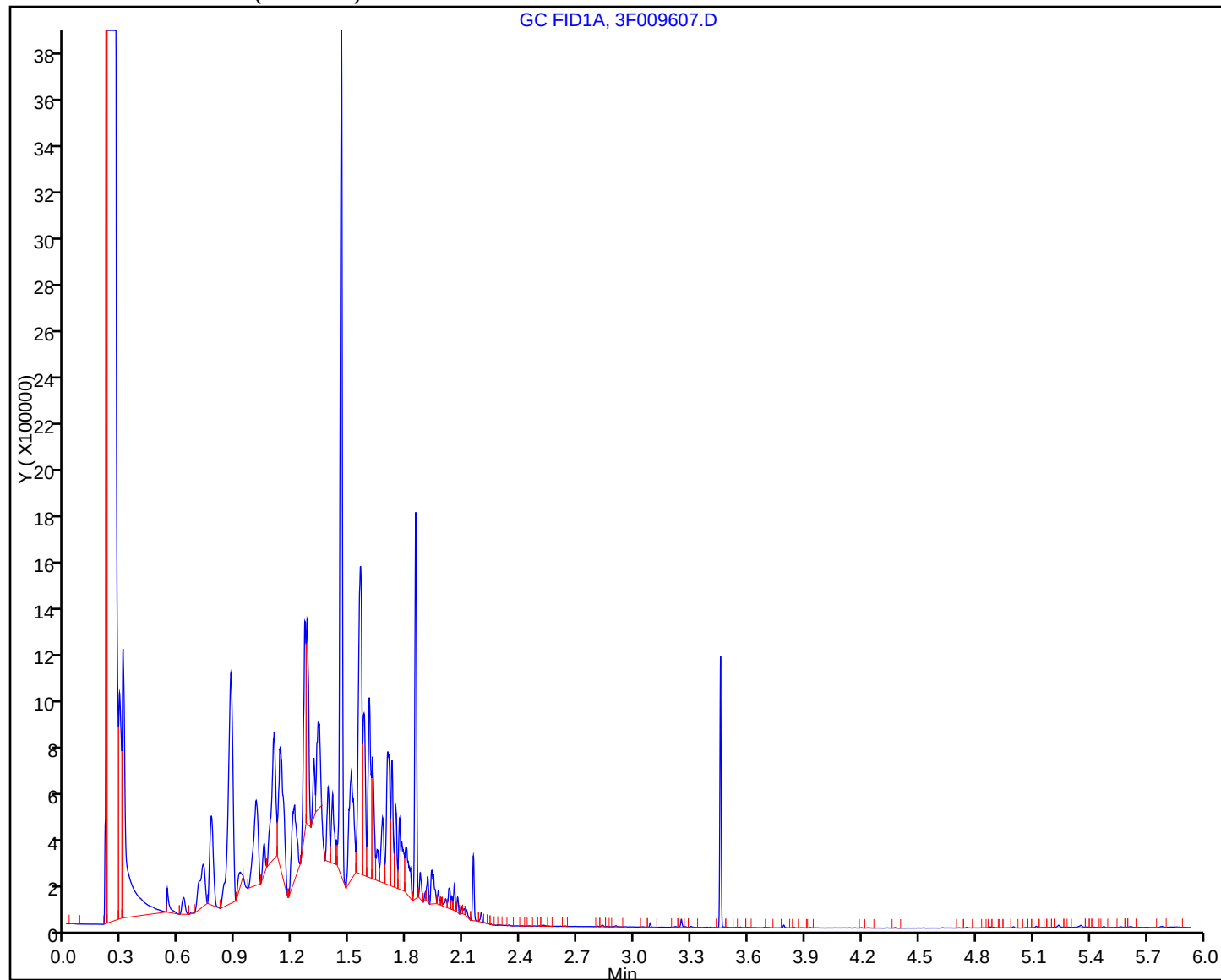
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-135385-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCSD 460-444582/3-A
Matrix: Water Lab File ID: 3F009647.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: 3510C Date Extracted: 06/20/2017 08:03
Sample wt/vol: 1000 (mL) Date Analyzed: 06/21/2017 03:52
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.: 444791 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	1460		50	6.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	81		34-158

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009647.D
Lims ID: LCSD 460-444582/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 21-Jun-2017 03:52:49 ALS Bottle#: 7 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0056732-004
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Jun-2017 15:45:03 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: XAWRK001

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

1.565	(0.584-2.547)		35473139	2000.0	1458.0	

\$ 2 o-Terphenyl

3.430	3.434	-0.004	466767	20.0	16.1	

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20170621-56734.b\3F009647.D

Injection Date: 21-Jun-2017 03:52:49

Instrument ID: CBNAGC3

Lims ID: LCSD 460-444582/3-A

Client ID:

Operator ID: 615

ALS Bottle#: 7

Worklist Smp#: 4

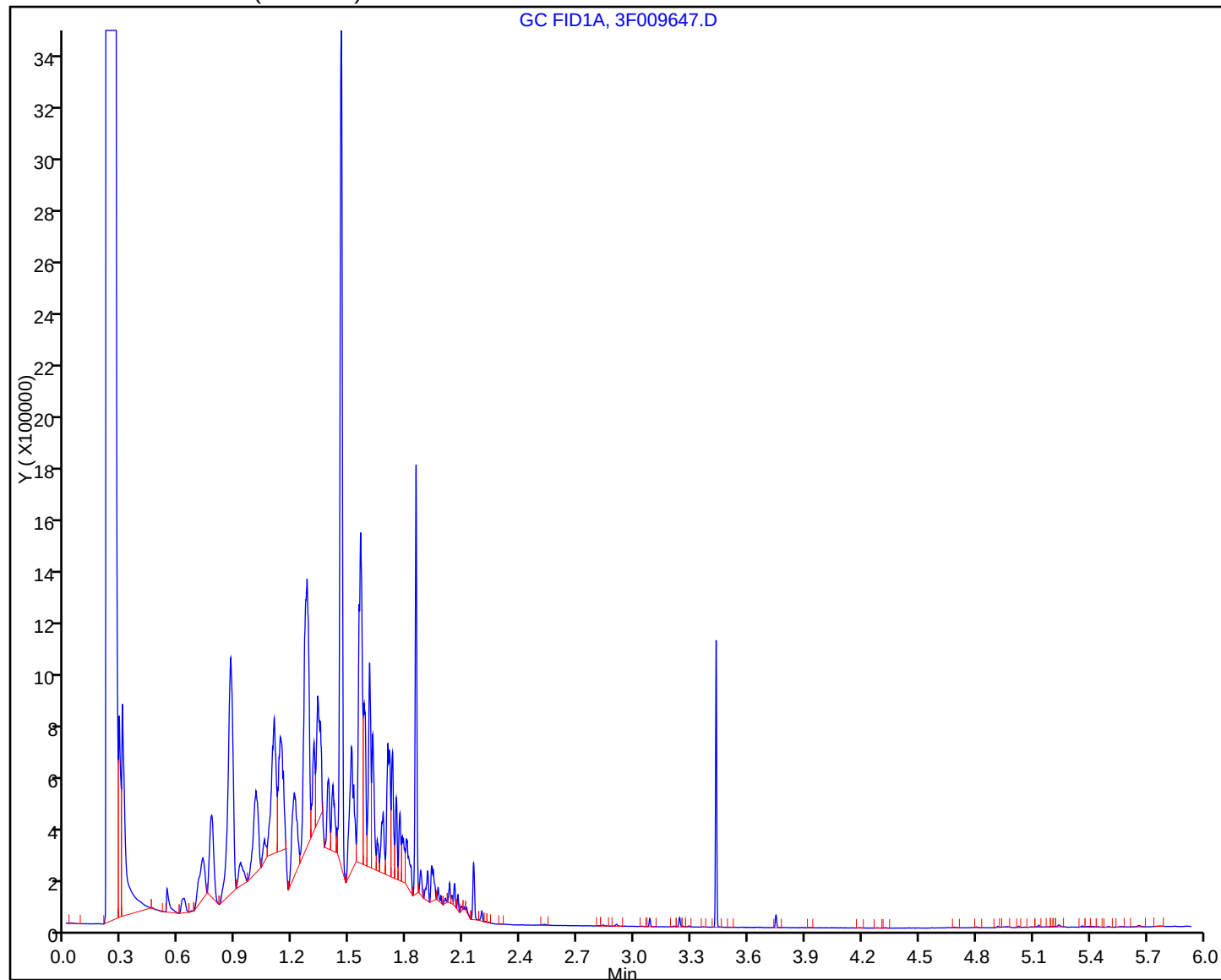
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-135385-1

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 Edison Job No.: 460-135385-1
SDG No.: _____
Instrument ID: CBNAGC3 Start Date: 06/19/2017 10:16
Analysis Batch Number: 444364 End Date: 06/19/2017 12:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-444364/1		06/19/2017 10:16	1	3F009603.D	Rtx-Mineral Oil 0.32 (mm)
CCV 460-444364/2		06/19/2017 10:26	1	3F009604.D	Rtx-Mineral Oil 0.32 (mm)
MB 460-444195/1-A		06/19/2017 10:39	1	3F009605.D	Rtx-Mineral Oil 0.32 (mm)
LCS 460-444195/2-A		06/19/2017 10:49	1	3F009606.D	Rtx-Mineral Oil 0.32 (mm)
LCSD 460-444195/3-A		06/19/2017 10:59	1	3F009607.D	Rtx-Mineral Oil 0.32 (mm)
460-135385-2		06/19/2017 11:09	1	3F009608.D	Rtx-Mineral Oil 0.32 (mm)
460-135385-3		06/19/2017 11:19	1	3F009609.D	Rtx-Mineral Oil 0.32 (mm)
460-135385-4		06/19/2017 11:30	1	3F009610.D	Rtx-Mineral Oil 0.32 (mm)
460-135385-5		06/19/2017 11:40	1	3F009611.D	Rtx-Mineral Oil 0.32 (mm)
460-135385-6		06/19/2017 11:50	1	3F009612.D	Rtx-Mineral Oil 0.32 (mm)
PIBLK 460-444364/11		06/19/2017 12:00	1	3F009613.D	Rtx-Mineral Oil 0.32 (mm)
CCV 460-444364/12		06/19/2017 12:10	1	3F009614.D	Rtx-Mineral Oil 0.32 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-135385-1

SDG No.: _____

Instrument ID: CBNAGC3Start Date: 06/21/2017 03:23Analysis Batch Number: 444791End Date: 06/21/2017 07:12

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-444791/1		06/21/2017 03:23	1	3F009644.D	Rtx-Mineral Oil 0.32 (mm)
CCV 460-444791/2		06/21/2017 03:32	1	3F009645.D	Rtx-Mineral Oil 0.32 (mm)
MB 460-444582/1-A		06/21/2017 03:42	1	3F009646.D	Rtx-Mineral Oil 0.32 (mm)
LCSD 460-444582/3-A		06/21/2017 03:52	1	3F009647.D	Rtx-Mineral Oil 0.32 (mm)
LCS 460-444582/2-A		06/21/2017 04:02	1	3F009648.D	Rtx-Mineral Oil 0.32 (mm)
460-135536-1		06/21/2017 04:12	1	3F009649.D	Rtx-Mineral Oil 0.32 (mm)
460-135536-3		06/21/2017 04:22	1	3F009650.D	Rtx-Mineral Oil 0.32 (mm)
460-135536-4		06/21/2017 04:32	1	3F009651.D	Rtx-Mineral Oil 0.32 (mm)
460-135536-5		06/21/2017 04:42	1	3F009652.D	Rtx-Mineral Oil 0.32 (mm)
460-135536-6		06/21/2017 04:52	1	3F009653.D	Rtx-Mineral Oil 0.32 (mm)
460-135536-7		06/21/2017 05:02	1	3F009654.D	Rtx-Mineral Oil 0.32 (mm)
460-135536-8		06/21/2017 05:12	1	3F009655.D	Rtx-Mineral Oil 0.32 (mm)
PIBLK 460-444791/13		06/21/2017 05:22	1	3F009656.D	Rtx-Mineral Oil 0.32 (mm)
CCV 460-444791/14		06/21/2017 05:32	1	3F009657.D	Rtx-Mineral Oil 0.32 (mm)
460-135536-9		06/21/2017 06:20	1	3F009658.D	Rtx-Mineral Oil 0.32 (mm)
460-135536-10		06/21/2017 06:30	1	3F009659.D	Rtx-Mineral Oil 0.32 (mm)
PIBLK 460-444791/17		06/21/2017 07:02	1	3F009660.D	Rtx-Mineral Oil 0.32 (mm)
CCV 460-444791/18		06/21/2017 07:12	1	3F009661.D	Rtx-Mineral Oil 0.32 (mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-135385-1

SDG No.: _____

Batch Number: 444195 Batch Start Date: 06/18/17 07:14 Batch Analyst: Poblete, James NBatch Method: 3510C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OPDROSU 00029	SG 105 mi STD 00008	
MB 460-444195/1		3510C, 8015D		7	1000 mL	1 mL	1 mL		
LCS 460-444195/2		3510C, 8015D		7	1000 mL	1 mL	1 mL	40 uL	
LCSD 460-444195/3		3510C, 8015D		7	1000 mL	1 mL	1 mL	40 uL	
460-135385-E-2	GT-2	3510C, 8015D	T	7	1000 mL	1 mL	1 mL		
460-135385-E-3	GT-3	3510C, 8015D	T	7	1000 mL	1 mL	1 mL		
460-135385-E-4	GT-5	3510C, 8015D	T	9	1000 mL	1 mL	1 mL		
460-135385-D-5	DW-1	3510C, 8015D	T	7	1000 mL	1 mL	1 mL		
460-135385-D-6	VE-5	3510C, 8015D	T	7	1000 mL	1 mL	1 mL		

Batch Notes	
Batch Comment	DRO
Analyst ID - Concentration	JP
Na2SO4 ID	151827
Prep Solvent ID	171534
Prep Solvent Name	MECL2
Prep Solvent Volume Used	180 mL
Person's name who did the prep	JP
Uncorrected Temperature	35 Celsius

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.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-135385-1

SDG No.: _____

Batch Number: 444582 Batch Start Date: 06/20/17 08:01 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 00008	
MB 460-444582/1		3510C, 8015D		7	1000 mL	1 mL	1 mL		
LCS 460-444582/2		3510C, 8015D		7	1000 mL	1 mL	1 mL	0.04 mL	
LCSD 460-444582/3		3510C, 8015D		7	1000 mL	1 mL	1 mL	0.04 mL	
460-135536-E-1	GT-1	3510C, 8015D	T	7	990 mL	1 mL	1 mL		
460-135536-E-3	Rinse Blank-1	3510C, 8015D	T	7	990 mL	1 mL	1 mL		
460-135536-E-4	Rinse Blank-2	3510C, 8015D	T	7	990 mL	1 mL	1 mL		
460-135536-E-5	GT-6	3510C, 8015D	T	7	990 mL	1 mL	1 mL		
460-135536-E-6	GT-7	3510C, 8015D	T	7	990 mL	1 mL	1 mL		
460-135536-E-7	VE-1R	3510C, 8015D	T	7	990 mL	1 mL	1 mL		
460-135536-E-8	VP-A	3510C, 8015D	T	7	990 mL	1 mL	1 mL		
460-135536-E-9	VP-B	3510C, 8015D	T	7	990 mL	1 mL	1 mL		
460-135536-D-10	GW-DUP	3510C, 8015D	T	7	990 mL	1 mL	1 mL		

Batch Notes	
Batch Comment	DRO mineral
Analyst ID - Concentration	Wuh
Na2SO4 ID	151827
Prep Solvent ID	171534
Prep Solvent Name	MECL2
Prep Solvent Volume Used	180 mL
Person's name who did the prep	Wuh
Uncorrected Temperature	35 Celsius

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:		Lab P/N:		Carrier Tracking No(s):		COC No:	
Client Contact: Stephen Fleming		Phone:		Haas, Melissa				460-35545-23035.1	
Company: Safety Kleen		E-Mail: melissa.haas@testamericainc.com						Page: 1 of 2	
Address: 4120 Thunderbird Lane		Due Date Requested:		Analysis Requested				Job #:	
City: Fairfield		TAT Requested (days): 10 business days		460-135385 Chain of Custody				Preservation Codes:	
State, Zip: OH, 45014		PO #:		460-135385 Chain of Custody				A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2CO3 Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4.5 Z - other (specify)	
Phone: 513-956-2172		WO #:						Special Instructions/Note: MSRO reporting limit = 50 ppb.	
Email: stephen.fleming@safety-kleen.com		Project #:						Other:	
Project Name: 2017 Safety-Kleen Amityville		SSOV#:							
Site:									
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab, S=solid, L=liquid, A=air)		Matrix (W=water, S=solid, G=soil, L=liquid, A=air)	
GT-1		6/9/17		1100		G		Water	
GT-2		6/13/17		1220		G		Water	
GT-3		6/13/17		1505		G		Water	
GT-4		6/13/17		1600		G		Water	
GT-5		6/13/17		1600		G		Water	
GT-6		6/13/17		1600		G		Water	
GT-7		6/13/17		1600		G		Water	
GT-8		6/13/17		1600		G		Water	
GT-9		6/13/17		1600		G		Water	
GT-10		6/13/17		1600		G		Water	
GT-11		6/13/17		1600		G		Water	
GT-12		6/13/17		1600		G		Water	
GT-13		6/13/17		1600		G		Water	
GT-14		6/13/17		1600		G		Water	
GT-15		6/13/17		1600		G		Water	
GT-16		6/13/17		1600		G		Water	
GT-17		6/13/17		1600		G		Water	
GT-18		6/13/17		1600		G		Water	
GT-19		6/13/17		1600		G		Water	
GT-20		6/13/17		1600		G		Water	
GT-21		6/13/17		1600		G		Water	
GT-22		6/13/17		1600		G		Water	
GT-23		6/13/17		1600		G		Water	
GT-24		6/13/17		1600		G		Water	
GT-25		6/13/17		1600		G		Water	
GT-26		6/13/17		1600		G		Water	
GT-27		6/13/17		1600		G		Water	
GT-28		6/13/17		1600		G		Water	
GT-29		6/13/17		1600		G		Water	
GT-30		6/13/17		1600		G		Water	
GT-31		6/13/17		1600		G		Water	
GT-32		6/13/17		1600		G		Water	
GT-33		6/13/17		1600		G		Water	
GT-34		6/13/17		1600		G		Water	
GT-35		6/13/17		1600		G		Water	
GT-36		6/13/17		1600		G		Water	
GT-37		6/13/17		1600		G		Water	
GT-38		6/13/17		1600		G		Water	
GT-39		6/13/17		1600		G		Water	
GT-40		6/13/17		1600		G		Water	
GT-41		6/13/17		1600		G		Water	
GT-42		6/13/17		1600		G		Water	
GT-43		6/13/17		1600		G		Water	
GT-44		6/13/17		1600		G		Water	
GT-45		6/13/17		1600		G		Water	
GT-46		6/13/17		1600		G		Water	
GT-47		6/13/17		1600		G		Water	
GT-48		6/13/17		1600		G		Water	
GT-49		6/13/17		1600		G		Water	
GT-50		6/13/17		1600		G		Water	
GT-51		6/13/17		1600		G		Water	
GT-52		6/13/17		1600		G		Water	
GT-53		6/13/17		1600		G		Water	
GT-54		6/13/17		1600		G		Water	
GT-55		6/13/17		1600		G		Water	
GT-56		6/13/17		1600		G		Water	
GT-57		6/13/17		1600		G		Water	
GT-58		6/13/17		1600		G		Water	
GT-59		6/13/17		1600		G		Water	
GT-60		6/13/17		1600		G		Water	
GT-61		6/13/17		1600		G		Water	
GT-62		6/13/17		1600		G		Water	
GT-63		6/13/17		1600		G		Water	
GT-64		6/13/17		1600		G		Water	
GT-65		6/13/17		1600		G		Water	
GT-66		6/13/17		1600		G		Water	
GT-67		6/13/17		1600		G		Water	
GT-68		6/13/17		1600		G		Water	
GT-69		6/13/17		1600		G		Water	
GT-70		6/13/17		1600		G		Water	
GT-71		6/13/17		1600		G		Water	
GT-72		6/13/17		1600		G		Water	
GT-73		6/13/17		1600		G		Water	
GT-74		6/13/17		1600		G		Water	
GT-75		6/13/17		1600		G		Water	
GT-76		6/13/17		1600		G		Water	
GT-77		6/13/17		1600		G		Water	
GT-78		6/13/17		1600		G		Water	
GT-79		6/13/17		1600		G		Water	
GT-80		6/13/17		1600		G		Water	
GT-81		6/13/17		1600		G		Water	
GT-82		6/13/17		1600		G		Water	
GT-83		6/13/17		1600		G		Water	
GT-84		6/13/17		1600		G		Water	
GT-85		6/13/17		1600		G		Water	
GT-86		6/13/17		1600		G		Water	
GT-87		6/13/17		1600		G		Water	
GT-88		6/13/17		1600		G		Water	
GT-89		6/13/17		1600		G		Water	
GT-90		6/13/17		1600		G		Water	
GT-91		6/13/17		1600		G		Water	
GT-92		6/13/17		1600		G		Water	
GT-93		6/13/17		1600		G		Water	
GT-94		6/13/17		1600		G		Water	
GT-95		6/13/17		1600		G		Water	
GT-96		6/13/17		1600		G		Water	
GT-97		6/13/17		1600		G		Water	
GT-98		6/13/17		1600		G		Water	
GT-99		6/13/17		1600		G		Water	
GT-100		6/13/17		1600		G		Water	
GT-101		6/13/17		1600		G		Water	
GT-102		6/13/17		1600		G		Water	
GT-103		6/13/17		1600		G		Water	
GT-104		6/13/17		1600		G		Water	
GT-105		6/13/17		1600		G		Water	
GT-106		6/13/17		1600		G		Water	
GT-107		6/13/17		1600		G		Water	
GT-108		6/13/17		1600		G		Water	
GT-109		6/13/17		1600		G		Water	
GT-110		6/13/17		1600		G		Water	
GT-111		6/13/17		1600		G		Water	
GT-112		6/13/17		1600		G		Water	
GT-113		6/13/17		1600		G		Water	
GT-114		6/13/17		1600		G		Water	
GT-115		6/13/17		1600		G		Water	
GT-116		6/13/17		1600		G		Water	
GT-117		6/13/17		1600		G		Water	
GT-118		6/13/17		1600		G		Water	
GT-119		6/13/17		1600		G		Water	
GT-120		6/13/17		1600		G		Water	
GT-121		6/13/17		1600		G		Water	
GT-122		6/13/17		1600		G		Water	
GT-123		6/13/17		1600		G		Water	
GT-124		6/13/17		1600		G		Water	
GT-125		6/13/17		1600		G		Water	
GT-126		6/13/17		1600		G		Water	
GT-127		6/13/17		1600		G		Water	
GT-128		6/13/17		1600		G		Water	
GT-129		6/13/17		1600		G		Water	
GT-130		6/13/17		1600		G		Water	
GT-131		6/13/17		1600		G		Water	
GT-132		6/13/17		1600		G		Water	
GT-133		6/13/17		1600		G		Water	
GT-134		6/13/17		1600		G		Water	
GT-135		6/13/17		1600		G		Water	
GT-136		6/13/17		1600		G		Water	
GT-137		6/13/17		1600		G		Water	
GT-138		6/13/17		1600		G		Water	
GT-139		6/13/17		1600		G		Water	
GT-140		6/13/17		1600		G		Water	
GT-141		6/13/17		1600		G		Water	
GT-142		6/13/17		1600		G		Water	
GT-143		6/13/17		1600		G		Water	
GT-144		6/13/17		1600		G		Water	
GT-145		6/13/17		1600		G		Water	
GT-146		6/13/17		1600		G		Water	
GT-147		6/13/17		1600		G		Water	
GT-148		6/13/17		1600		G		Water	
GT-149		6/13/17		1600		G		Water	
GT-150		6/13/17		1600		G		Water	
GT-151		6/13/17		1600		G		Water	
GT-152		6/13/17		1600		G		Water	
GT-153		6/13/17		1600		G		Water	
GT-154		6/13/17		1600		G		Water	
GT-155		6/13/17		1600		G		Water	
GT-156		6/13/17		1600		G		Water	
GT-157		6/13/17		1600		G		Water	
GT-158		6/13/17		1600		G		Water	
GT-159		6/13/17		1600		G		Water	
GT-160		6/13/17		1600		G		Water</	

135385

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RAW CORRECTED

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If pH adjustments are required record the information below:

Date: 6/17/17

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>Edward Brodzinski</u>	Lab PM: <u>Melissa</u>	Carrier Tracking Note(s):	COC No: <u>460-35545-23035.1</u>
Client Contact: <u>Stephen Fleming</u>	Phone: <u>(781) 2206-6671</u>	E-Mail: <u>melissa.haas@testamericainc.com</u>			Page: <u>135536</u>
Company: <u>Safety Kleen</u>	Address: <u>4120 Thunderbird Lane</u>	City: <u>Fairfield</u>	State: <u>OH</u>	Zip: <u>45014</u>	Job #: <u>135536</u>
Phone: <u>513-956-2172</u>	PO #: <u></u>	WC #: <u></u>	Preservation Codes: A - HCL B - NaOH M - Hexane N - None SP - Dodecylhydrate CAA h 4-5 other (specify)		
Email: <u>stephen.fleming@safety-kleen.com</u>	Project #: <u>46008953 (VOC/Mineral Spirits/Natural Asten)</u>	SSOW#: <u></u>	Special Instructions/Note: MSRO reporting limit = 50 ppb.		
Site: <u>60 Seabra Ave, N Amityville, NY</u>					
Sample Identification					
Sample ID	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=oyster, A=air)	Field Filtered Sample (Yes or No)
GT-1	06-14-2017	1050	G	Water	N
Tip Blank-2	06-09-2017	Lab supplied		Water	N
Rinse Blank-1	06-14-2017	1330	G	Water	N
Rinse Blank-2	06-14-2017	140	G	Water	N
GT-6	06-13-2017	1750	G	Water	N
GT-7	06-13-2017	1640	G	Water	N
VE-1R	06-14-2017	1305	G	Water	N
VP-A	06-13-2017	1915	G	Water	N
VP-B	06-14-2017	0915	G	Water	N
GW-DUP	06-14-2017	1200	G	Water	N
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify)					
Empty Kit Relinquished by: <u></u> Date: <u></u> Time: <u></u> Method of Shipment: <u></u>					
Relinquished by: <u>Edward Brodzinski</u> Date/Time: <u>6/13/17 1527</u> Company: <u></u> Received by: <u>Edward Brodzinski</u> Date/Time: <u>6/13/17 1527</u> Company: <u></u>					
Relinquished by: <u>Edward Brodzinski</u> Date/Time: <u>6/15/17 1640</u> Company: <u></u> Received by: <u>Edward Brodzinski</u> Date/Time: <u>6/16/17 0905</u> Company: <u></u>					
Custody Seals Intact: <u>NO</u> Custody Seal No.: <u>CS</u> Cooler Temperature(s) °C and Other Remarks: <u>2.0°, 3.7°C</u>					

15536

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1

Login Sample Receipt Checklist

Client: Safety-Kleen Systems, Inc

Job Number: 460-135385-1

Login Number: 135385

List Source: TestAmerica Edison

List Number: 1

Creator: Lysy, Susan

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	3.0°C IR#8
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.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

Login Sample Receipt Checklist

Client: Safety-Kleen Systems, Inc

Job Number: 460-135385-1

Login Number: 135536
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	2, 3.7°C, IR #8
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").	False	See NCM
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.