TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-121167-1

Job Description: McCandless

For:
Antea USA, Inc.
500 Summit Lake Drive
Suite 150
Valhalla, NY 10595

Attention: Timothy Fisher

Approved for release.
Grace Chang
Project Manager II
10/7/2016 3:22 PM

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10/07/2016

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

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CASE NARRATIVE

Client: Antea USA, Inc.

Project: McCandless

Report Number: 460-121167-1

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 9/29/2016 8:35 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 0.6º C, 1.3º C and 2.1º C.

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 MW-13D (460-121167-1), MW-7B (460-121167-2), MW-7D (460-121167-3), MW-13 (460-121167-4), MW-8D (460-121167-5), MW-3 (460-121167-6), MW-3 Filtered (460-121167-7), MW-6 (460-121167-8), MW-6 Filtered (460-121167-9), MW-8 (460-121167-10), FB-20160929 (460-121167-11) and Trip Blank (460-121167-12) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA Method 624. The samples were analyzed on 10/02/2016, 10/03/2016 and 10/04/2016.

Dibromofluoromethane (Surr) failed the surrogate recovery criteria high for MW-3 (460-121167-6). Dibromofluoromethane (Surr) failed the surrogate recovery criteria high for MW-6 Filtered (460-121167-9). Dibromofluoromethane (Surr) failed the surrogate recovery criteria low for MW-3MS (460-121167-6MS). Refer to the QC report for details.

Trichlorofluoromethane failed the recovery criteria high for LCS 460-394593/5. 4-Methyl-2-pentanone failed the recovery criteria low for LCS 460-394701/5. Refer to the QC report for details.

1,2,3-Trichlorobenzene, Bromoform and Carbon disulfide exceeded the RPD limit for the MSD of sample 460-121138-1 in batch 460-394312.

Dichlorodifluoromethane and Trichlorofluoromethane failed the recovery criteria high for the MSD of sample MW-3MSD (460-121167-6) in batch 460-394593. Several analytes exceeded the RPD limit.

Trichlorofluoromethane failed the recovery criteria high for the MS of sample 460-121202-4 in batch 460-394701.

Trichlorofluoromethane failed the recovery criteria high for the MSD of sample 460-121202-4 in batch 460-394701.

Trichlorofluoromethane failed the recovery criteria high for the MSD of sample 460-121202-4 in batch 460-394701.

Refer to the QC report for details.

The laboratory control sample (LCS) associated with batch 394701 was outside acceptance criteria for 4-Methyl-2-pentanone. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

The continuing calibration verification (CCV) associated with batch 460-394593 recovered above the upper control limit for Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) for analytical batch 460-394593 recovered outside control limits for the following analyte: Trichlorofluoromethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Surrogate Dibromofluoromethane recovery for the following samples were outside control limits: MW-3 (460-121167-6), MW-6 Filtered (460-121167-9) and (460-121167-A-6 MS). Surrogate recoveries for the other three system monitoring compounds were within control limits; therefore, re-analysis was not performed.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples MW-13D (460-121167-1), MW-7B (460-121167-2), MW-7D (460-121167-3), MW-13 (460-121167-4), MW-8D (460-121167-5), MW-3 (460-121167-6), MW-3 Filtered (460-121167-7), MW-6 (460-121167-8), MW-6 Filtered (460-121167-9), MW-8 (460-121167-10) and FB-20160929 (460-121167-11) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA Method 625. The samples were prepared on 10/03/2016 and analyzed on 10/04/2016.

Carbazole failed the recovery criteria low for LCS 460-394654/2-A. Refer to the QC report for details.

A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for five analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 3943654had one analyte(Carbazole outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples MW-13D (460-121167-1), MW-7B (460-121167-2), MW-7D (460-121167-3), MW-13 (460-121167-4), MW-8D (460-121167-5), MW-3 (460-121167-6), MW-3 Filtered (460-121167-7), MW-6 (460-121167-8), MW-6 Filtered (460-121167-9), MW-8 (460-121167-10) and FB-20160929 (460-121167-11) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 10/03/2016 and analyzed on 10/04/2016 and 10/05/2016.

Sample MW-13 (460-121167-4)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-13 (460-121167-4) at 10.0 and 10.0. Elevated reporting limits (RLs) are provided.

The following samples required a mercury clean-up, via EPA Method 3660A, to reduce matrix interferences caused by sulfur: MW-13 (460-121167-4) and MW-8 (460-121167-10). The reagent lot number used was: SLBC3181V.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

TOTAL DISSOLVED SOLIDS

Samples MW-13D (460-121167-1), MW-7B (460-121167-2), MW-7D (460-121167-3), MW-13 (460-121167-4), MW-8D (460-121167-5), MW-3 (460-121167-6), MW-3 Filtered (460-121167-7), MW-6 (460-121167-8), MW-6 Filtered (460-121167-9), MW-8 (460-121167-10) and FB-20160929 (460-121167-11) were analyzed for total dissolved solids in accordance with SM 2540C. The samples were analyzed on 10/04/2016 and 10/05/2016.

Total Dissolved Solids exceeded the RPD limit for the duplicate of sample 460-121153-1. Total Dissolved Solids exceeded the RPD limit for the duplicate of sample 460-121216-1. Refer to the QC report for details.

No other difficulties were encountered during the TDS analysis.

All other quality control parameters were within the acceptance limits.

TOTAL SUSPENDED SOLIDS

Samples MW-13D (460-121167-1), MW-7B (460-121167-2), MW-7D (460-121167-3), MW-13 (460-121167-4), MW-8D (460-121167-5), MW-3 (460-121167-6), MW-3 Filtered (460-121167-7), MW-6 (460-121167-8), MW-6 Filtered (460-121167-9), MW-8 (460-121167-10) and FB-20160929 (460-121167-11) were analyzed for total suspended solids in accordance with SM 2540D. The samples were analyzed on 10/04/2016.

Total Suspended Solids exceeded the RPD limit for the duplicate of sample 460-121103-2. Refer to the QC report for details.

No other difficulties were encountered during the TSS analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-121167-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-121167-1	MW-13D	Water	09/29/16 09:30	09/29/16 20:35
460-121167-2	MW-7B	Water	09/29/16 09:45	09/29/16 20:35
460-121167-3	MW-7D	Water	09/29/16 11:05	09/29/16 20:35
460-121167-4	MW-13	Water	09/29/16 11:10	09/29/16 20:35
460-121167-5	MW-8D	Water	09/29/16 12:35	09/29/16 20:35
460-121167-6	MW-3	Water	09/29/16 12:50	09/29/16 20:35
460-121167-7	MW-3 Filtered	Water	09/29/16 13:00	09/29/16 20:35
460-121167-8	MW-6	Water	09/29/16 14:35	09/29/16 20:35
460-121167-9	MW-6 Filtered	Water	09/29/16 14:45	09/29/16 20:35
460-121167-10	MW-8	Water	09/29/16 14:50	09/29/16 20:35
460-121167-11	FB-20160929	Water	09/29/16 15:40	09/29/16 20:35
460-121167-12	Trip Blank	Water	09/29/16 00:00	09/29/16 20:35

Detection Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-121167-1

Client Sample ID: MW-13D — Lab Sample ID: 460-121167-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.43	J	1.0	0.22	ug/L	1		624	Total/NA
MTBE	1.4		1.0	0.13	ug/L	1		624	Total/NA
Total Dissolved Solids	160		10.0	10.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	3.2		1.0	1.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: MW-7B — Lab Sample ID: 460-121167-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	103		0.10	0.10	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	49.2		4.0	4.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: MW-7D — Lab Sample ID: 460-121167-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.42	J	1.0	0.22	ug/L	1		624	Total/NA
MTBE	1.2		1.0	0.13	ug/L	1		624	Total/NA
Total Dissolved Solids	47.0		10.0	10.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-13 — Lab Sample ID: 460-121167-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	22		1.0	0.27	ug/L	1		624	Total/NA
1,2,3-Trichlorobenzene	6.8		1.0	0.35	ug/L	1		624	Total/NA
1,2-Dichlorobenzene	0.75	J	1.0	0.22	ug/L	1		624	Total/NA
1,3-Dichlorobenzene	0.67	J	1.0	0.33	ug/L	1		624	Total/NA
1,4-Dichlorobenzene	4.1		1.0	0.33	ug/L	1		624	Total/NA
Tetrachloroethene	0.15	J	1.0	0.12	ug/L	1		624	Total/NA
Xylenes, Total	0.81	J	2.0	0.28	ug/L	1		624	Total/NA
1,4-Dichlorobenzene	3.4	J	10	0.69	ug/L	1		625	Total/NA
1,2,4-Trichlorobenzene	17		1.0	0.64	ug/L	1		625	Total/NA
Aroclor 1242 - DL	35	D	4.0	0.98	ug/L	10		8082A	Total/NA
Total Dissolved Solids	27.0		10.0	10.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	3.1		1.0	1.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: MW-8D — Lab Sample ID: 460-121167-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.27	J	1.0	0.22	ug/L	1		624	Total/NA
MTBE	1.7		1.0	0.13	ug/L	1		624	Total/NA
Total Dissolved Solids	74.0		10.0	10.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	9.4		1.0	1.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: MW-3 — Lab Sample ID: 460-121167-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor 1248	5.8		0.40	0.098	ug/L	1		8082A	Total/NA
Total Dissolved Solids	38.0		10.0	10.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	7.9		1.3	1.3	mg/L	1		SM 2540D	Total/NA

Client Sample ID: MW-3 Filtered — Lab Sample ID: 460-121167-7

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-3 Filtered (Continued) — Lab Sample ID: 460-121167-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	140		5.0	1.1	ug/L	1		624	Total/NA
Benzene	0.11	J	1.0	0.090	ug/L	1		624	Total/NA
2-Butanone	22		5.0	2.2	ug/L	1		624	Total/NA
Total Dissolved Solids	48.0		10.0	10.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-6 — Lab Sample ID: 460-121167-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	71.0		10.0	10.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	2.5		1.0	1.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: MW-6 Filtered — Lab Sample ID: 460-121167-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.0		5.0	1.1	ug/L	1		624	Total/NA
2-Butanone	4.6	J	5.0	2.2	ug/L	1		624	Total/NA
Total Dissolved Solids	36.0		10.0	10.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-8 — Lab Sample ID: 460-121167-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.6		5.0	1.1	ug/L	1		624	Total/NA
Chloroform	0.77	J	1.0	0.22	ug/L	1		624	Total/NA
Toluene	0.86	J	1.0	0.25	ug/L	1		624	Total/NA
Chlorobenzene	0.50	J	1.0	0.24	ug/L	1		624	Total/NA
1,2,4-Trichlorobenzene	4.0		1.0	0.27	ug/L	1		624	Total/NA
1,2,3-Trichlorobenzene	1.5		1.0	0.35	ug/L	1		624	Total/NA
1,2-Dichlorobenzene	0.36	J	1.0	0.22	ug/L	1		624	Total/NA
1,4-Dichlorobenzene	0.70	J	1.0	0.33	ug/L	1		624	Total/NA
2-Butanone	5.4		5.0	2.2	ug/L	1		624	Total/NA
Tetrachloroethene	0.48	J	1.0	0.12	ug/L	1		624	Total/NA
Isopropylbenzene	1.0		1.0	0.32	ug/L	1		624	Total/NA
Ethylbenzene	0.86	J	1.0	0.30	ug/L	1		624	Total/NA
cis-1,2-Dichloroethene	0.28	J	1.0	0.26	ug/L	1		624	Total/NA
Xylenes, Total	4.3		2.0	0.28	ug/L	1		624	Total/NA
Trichloroethene	0.30	J	1.0	0.22	ug/L	1		624	Total/NA
Methylcyclohexane	0.41	J	1.0	0.22	ug/L	1		624	Total/NA
1,2,4-Trichlorobenzene	4.3		1.0	0.64	ug/L	1		625	Total/NA
Naphthalene	9.5	J	10	0.83	ug/L	1		625	Total/NA
2-Methylnaphthalene	6.6	J	10	0.92	ug/L	1		625	Total/NA
Acenaphthene	2.0	J	10	0.92	ug/L	1		625	Total/NA
Aroclor 1242	0.62		0.40	0.098	ug/L	1		8082A	Total/NA
Total Dissolved Solids	145		10.0	10.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	6.4		1.0	1.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: FB-20160929 — Lab Sample ID: 460-121167-11

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-121167-1

Client Sample ID: Trip Blank **Lab Sample ID: 460-121167-12**

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-121167-1

Method	Method Description	Protocol	Laboratory
624	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL EDI
625	Semivolatile Organic Compounds (GC/MS)	40CFR136A	TAL EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL EDI
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL EDI
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL EDI

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater",
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 ID: MW-13D

Date Collected: 09/29/16 09:30
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-1

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/02/16 23:50	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/02/16 23:50	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/02/16 23:50	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 23:50	1
Acetone	1.1	U	5.0	1.1	ug/L			10/02/16 23:50	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/02/16 23:50	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/02/16 23:50	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/02/16 23:50	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/02/16 23:50	1
Chloroform	**0.43**	**J**	1.0	0.22	ug/L			10/02/16 23:50	1
Toluene	0.25	U	1.0	0.25	ug/L			10/02/16 23:50	1
Benzene	0.090	U	1.0	0.090	ug/L			10/02/16 23:50	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/02/16 23:50	1
Styrene	0.17	U	1.0	0.17	ug/L			10/02/16 23:50	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/02/16 23:50	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/02/16 23:50	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/02/16 23:50	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/02/16 23:50	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/02/16 23:50	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/02/16 23:50	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/02/16 23:50	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/02/16 23:50	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 23:50	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 23:50	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/02/16 23:50	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/02/16 23:50	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/02/16 23:50	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/02/16 23:50	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/02/16 23:50	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/02/16 23:50	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/02/16 23:50	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/02/16 23:50	1
MTBE	**1.4**		1.0	0.13	ug/L			10/02/16 23:50	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/02/16 23:50	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/02/16 23:50	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/02/16 23:50	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/02/16 23:50	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/02/16 23:50	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/02/16 23:50	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/02/16 23:50	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/02/16 23:50	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/02/16 23:50	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/02/16 23:50	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/02/16 23:50	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/02/16 23:50	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/02/16 23:50	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/02/16 23:50	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/02/16 23:50	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 23:50	1

Client Sample ID: MW-13D

Date Collected: 09/29/16 09:30
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-1

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/02/16 23:50	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/02/16 23:50*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*48 - 130*		*10/02/16 23:50*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*10/02/16 23:50*	*1*
Bromofluorobenzene	*91*		*71 - 131*		*10/02/16 23:50*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*10/02/16 23:50*	*1*

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.13	U	1.0	0.13	ug/L		10/03/16 10:31	10/04/16 07:25	1
1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L		10/03/16 10:31	10/04/16 07:25	1
1,4-Dichlorobenzene	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 07:25	1
1,2-Dichlorobenzene	0.86	U	10	0.86	ug/L		10/03/16 10:31	10/04/16 07:25	1
N-Nitrosodi-n-propylamine	0.86	U	1.0	0.86	ug/L		10/03/16 10:31	10/04/16 07:25	1
Hexachloroethane	0.094	U	1.0	0.094	ug/L		10/03/16 10:31	10/04/16 07:25	1
Nitrobenzene	0.51	U	1.0	0.51	ug/L		10/03/16 10:31	10/04/16 07:25	1
Isophorone	0.70	U	10	0.70	ug/L		10/03/16 10:31	10/04/16 07:25	1
Bis(2-chloroethoxy)methane	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 07:25	1
1,2,4-Trichlorobenzene	0.64	U	1.0	0.64	ug/L		10/03/16 10:31	10/04/16 07:25	1
Naphthalene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 07:25	1
4-Chloroaniline	0.76	U	10	0.76	ug/L		10/03/16 10:31	10/04/16 07:25	1
Hexachlorobutadiene	0.79	U	1.0	0.79	ug/L		10/03/16 10:31	10/04/16 07:25	1
2-Methylnaphthalene	0.92	U	10	0.92	ug/L		10/03/16 10:31	10/04/16 07:25	1
Hexachlorocyclopentadiene	0.64	U	10	0.64	ug/L		10/03/16 10:31	10/04/16 07:25	1
2-Chloronaphthalene	0.64	U	10	0.64	ug/L		10/03/16 10:31	10/04/16 07:25	1
2-Nitroaniline	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 07:25	1
Dimethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 07:25	1
Acenaphthylene	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 07:25	1
2,6-Dinitrotoluene	0.92	U	2.1	0.92	ug/L		10/03/16 10:31	10/04/16 07:25	1
3-Nitroaniline	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 07:25	1
Acenaphthene	0.92	U	10	0.92	ug/L		10/03/16 10:31	10/04/16 07:25	1
Dibenzofuran	0.89	U	10	0.89	ug/L		10/03/16 10:31	10/04/16 07:25	1
2,4-Dinitrotoluene	1.1	U	2.1	1.1	ug/L		10/03/16 10:31	10/04/16 07:25	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 07:25	1
4-Chlorophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 07:25	1
Fluorene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 07:25	1
4-Nitroaniline	0.50	U	10	0.50	ug/L		10/03/16 10:31	10/04/16 07:25	1
N-Nitrosodiphenylamine	0.77	U	10	0.77	ug/L		10/03/16 10:31	10/04/16 07:25	1
4-Bromophenyl phenyl ether	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 07:25	1
Hexachlorobenzene	0.49	U	1.0	0.49	ug/L		10/03/16 10:31	10/04/16 07:25	1
Phenanthrene	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 07:25	1
Anthracene	0.59	U	10	0.59	ug/L		10/03/16 10:31	10/04/16 07:25	1
Carbazole	0.89	U	10	0.89	ug/L		10/03/16 10:31	10/04/16 07:25	1
Di-n-butyl phthalate	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 07:25	1
Fluoranthene	0.75	U	10	0.75	ug/L		10/03/16 10:31	10/04/16 07:25	1
Pyrene	0.86	U	10	0.86	ug/L		10/03/16 10:31	10/04/16 07:25	1

Client Sample ID: MW-13D

Date Collected: 09/29/16 09:30
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-1

Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	0.63	U	10	0.63	ug/L		10/03/16 10:31	10/04/16 07:25	1
3,3'-Dichlorobenzidine	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 07:25	1
Benzo[a]anthracene	0.57	U	1.0	0.57	ug/L		10/03/16 10:31	10/04/16 07:25	1
Chrysene	0.70	U	2.1	0.70	ug/L		10/03/16 10:31	10/04/16 07:25	1
Bis(2-ethylhexyl) phthalate	0.75	U	2.1	0.75	ug/L		10/03/16 10:31	10/04/16 07:25	1
Di-n-octyl phthalate	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 07:25	1
Benzo[b]fluoranthene	0.46	U	1.0	0.46	ug/L		10/03/16 10:31	10/04/16 07:25	1
Benzo[k]fluoranthene	0.19	U	1.0	0.19	ug/L		10/03/16 10:31	10/04/16 07:25	1
Benzo[a]pyrene	0.17	U	1.0	0.17	ug/L		10/03/16 10:31	10/04/16 07:25	1
Indeno[1,2,3-cd]pyrene	0.22	U	1.0	0.22	ug/L		10/03/16 10:31	10/04/16 07:25	1
Dibenz(a,h)anthracene	0.094	U	1.0	0.094	ug/L		10/03/16 10:31	10/04/16 07:25	1
Benzo[g,h,i]perylene	0.78	U	10	0.78	ug/L		10/03/16 10:31	10/04/16 07:25	1
bis (2-chloroisopropyl) ether	0.97	U	10	0.97	ug/L		10/03/16 10:31	10/04/16 07:25	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*10/03/16 10:31*	*10/04/16 07:25*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*65*		*49 - 125*	*10/03/16 10:31*	*10/04/16 07:25*	*1*
Terphenyl-d14	*72*		*28 - 150*	*10/03/16 10:31*	*10/04/16 07:25*	*1*
2-Fluorobiphenyl	*64*		*44 - 129*	*10/03/16 10:31*	*10/04/16 07:25*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 16:01	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 16:01	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 16:01	1
Aroclor 1242	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 16:01	1
Aroclor 1248	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 16:01	1
Aroclor 1254	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 16:01	1
Aroclor 1260	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 16:01	1
Aroclor 1262	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 16:01	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*104*		*10 - 150*	*10/03/16 13:55*	*10/04/16 16:01*	*1*
DCB Decachlorobiphenyl	*106*		*10 - 150*	*10/03/16 13:55*	*10/04/16 16:01*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**160**		10.0	10.0	mg/L			10/04/16 13:46	1
Total Suspended Solids	**3.2**		1.0	1.0	mg/L			10/04/16 08:44	1

Client Sample ID: MW-7B

Date Collected: 09/29/16 09:45
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-2

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/03/16 00:12	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/03/16 00:12	1

Client Sample ID: MW-7B

Date Collected: 09/29/16 09:45
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-2

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	0.18	U	1.0	0.18	ug/L			10/03/16 00:12	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/03/16 00:12	1
Acetone	1.1	U	5.0	1.1	ug/L			10/03/16 00:12	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/03/16 00:12	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/03/16 00:12	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/03/16 00:12	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/03/16 00:12	1
Chloroform	0.22	U	1.0	0.22	ug/L			10/03/16 00:12	1
Toluene	0.25	U	1.0	0.25	ug/L			10/03/16 00:12	1
Benzene	0.090	U	1.0	0.090	ug/L			10/03/16 00:12	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/03/16 00:12	1
Styrene	0.17	U	1.0	0.17	ug/L			10/03/16 00:12	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/03/16 00:12	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/03/16 00:12	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/03/16 00:12	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/03/16 00:12	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/03/16 00:12	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/03/16 00:12	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/03/16 00:12	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/03/16 00:12	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/03/16 00:12	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/03/16 00:12	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/03/16 00:12	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/03/16 00:12	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/03/16 00:12	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/03/16 00:12	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/03/16 00:12	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/03/16 00:12	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/03/16 00:12	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/03/16 00:12	1
MTBE	0.13	U	1.0	0.13	ug/L			10/03/16 00:12	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/03/16 00:12	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/03/16 00:12	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/03/16 00:12	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/03/16 00:12	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/03/16 00:12	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/03/16 00:12	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/03/16 00:12	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/03/16 00:12	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/03/16 00:12	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/03/16 00:12	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/03/16 00:12	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/03/16 00:12	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/03/16 00:12	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/03/16 00:12	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/03/16 00:12	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/03/16 00:12	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/03/16 00:12	1

Client Sample ID: MW-7B

Date Collected: 09/29/16 09:45
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-2

Matrix: Water

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					10/03/16 00:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		48 - 130		10/03/16 00:12	1
Toluene-d8 (Surr)	103		80 - 120		10/03/16 00:12	1
Bromofluorobenzene	90		71 - 131		10/03/16 00:12	1
Dibromofluoromethane (Surr)	101		80 - 120		10/03/16 00:12	1

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.12	U	1.0	0.12	ug/L		10/03/16 10:31	10/04/16 07:48	1
1,3-Dichlorobenzene	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 07:48	1
1,4-Dichlorobenzene	0.66	U	10	0.66	ug/L		10/03/16 10:31	10/04/16 07:48	1
1,2-Dichlorobenzene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 07:48	1
N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83	ug/L		10/03/16 10:31	10/04/16 07:48	1
Hexachloroethane	0.090	U	1.0	0.090	ug/L		10/03/16 10:31	10/04/16 07:48	1
Nitrobenzene	0.49	U	1.0	0.49	ug/L		10/03/16 10:31	10/04/16 07:48	1
Isophorone	0.67	U	10	0.67	ug/L		10/03/16 10:31	10/04/16 07:48	1
Bis(2-chloroethoxy)methane	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 07:48	1
1,2,4-Trichlorobenzene	0.61	U	1.0	0.61	ug/L		10/03/16 10:31	10/04/16 07:48	1
Naphthalene	0.80	U	10	0.80	ug/L		10/03/16 10:31	10/04/16 07:48	1
4-Chloroaniline	0.73	U	10	0.73	ug/L		10/03/16 10:31	10/04/16 07:48	1
Hexachlorobutadiene	0.76	U	1.0	0.76	ug/L		10/03/16 10:31	10/04/16 07:48	1
2-Methylnaphthalene	0.88	U	10	0.88	ug/L		10/03/16 10:31	10/04/16 07:48	1
Hexachlorocyclopentadiene	0.61	U	10	0.61	ug/L		10/03/16 10:31	10/04/16 07:48	1
2-Chloronaphthalene	0.61	U	10	0.61	ug/L		10/03/16 10:31	10/04/16 07:48	1
2-Nitroaniline	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 07:48	1
Dimethyl phthalate	0.98	U	10	0.98	ug/L		10/03/16 10:31	10/04/16 07:48	1
Acenaphthylene	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 07:48	1
2,6-Dinitrotoluene	0.88	U	2.0	0.88	ug/L		10/03/16 10:31	10/04/16 07:48	1
3-Nitroaniline	0.82	U	10	0.82	ug/L		10/03/16 10:31	10/04/16 07:48	1
Acenaphthene	0.88	U	10	0.88	ug/L		10/03/16 10:31	10/04/16 07:48	1
Dibenzofuran	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 07:48	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		10/03/16 10:31	10/04/16 07:48	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 07:48	1
4-Chlorophenyl phenyl ether	0.96	U	10	0.96	ug/L		10/03/16 10:31	10/04/16 07:48	1
Fluorene	0.80	U	10	0.80	ug/L		10/03/16 10:31	10/04/16 07:48	1
4-Nitroaniline	0.48	U	10	0.48	ug/L		10/03/16 10:31	10/04/16 07:48	1
N-Nitrosodiphenylamine	0.74	U	10	0.74	ug/L		10/03/16 10:31	10/04/16 07:48	1
4-Bromophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 07:48	1
Hexachlorobenzene	0.47	U	1.0	0.47	ug/L		10/03/16 10:31	10/04/16 07:48	1
Phenanthrene	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 07:48	1
Anthracene	0.57	U	10	0.57	ug/L		10/03/16 10:31	10/04/16 07:48	1
Carbazole	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 07:48	1
Di-n-butyl phthalate	0.82	U	10	0.82	ug/L		10/03/16 10:31	10/04/16 07:48	1
Fluoranthene	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 07:48	1
Pyrene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 07:48	1
Butyl benzyl phthalate	0.60	U	10	0.60	ug/L		10/03/16 10:31	10/04/16 07:48	1
3,3'-Dichlorobenzidine	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 07:48	1
Benzo[a]anthracene	0.55	U	1.0	0.55	ug/L		10/03/16 10:31	10/04/16 07:48	1

Client Sample ID: MW-7B

Date Collected: 09/29/16 09:45
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-2

Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	0.67	U	2.0	0.67	ug/L		10/03/16 10:31	10/04/16 07:48	1
Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72	ug/L		10/03/16 10:31	10/04/16 07:48	1
Di-n-octyl phthalate	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 07:48	1
Benzo[b]fluoranthene	0.44	U	1.0	0.44	ug/L		10/03/16 10:31	10/04/16 07:48	1
Benzo[k]fluoranthene	0.18	U	1.0	0.18	ug/L		10/03/16 10:31	10/04/16 07:48	1
Benzo[a]pyrene	0.16	U	1.0	0.16	ug/L		10/03/16 10:31	10/04/16 07:48	1
Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21	ug/L		10/03/16 10:31	10/04/16 07:48	1
Dibenz(a,h)anthracene	0.090	U	1.0	0.090	ug/L		10/03/16 10:31	10/04/16 07:48	1
Benzo[g,h,i]perylene	0.75	U	10	0.75	ug/L		10/03/16 10:31	10/04/16 07:48	1
bis (2-chloroisopropyl) ether	0.93	U	10	0.93	ug/L		10/03/16 10:31	10/04/16 07:48	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*10/03/16 10:31*	*10/04/16 07:48*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*73*		*49 - 125*	*10/03/16 10:31*	*10/04/16 07:48*	*1*
Terphenyl-d14	*75*		*28 - 150*	*10/03/16 10:31*	*10/04/16 07:48*	*1*
2-Fluorobiphenyl	*74*		*44 - 129*	*10/03/16 10:31*	*10/04/16 07:48*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 16:16	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 16:16	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 16:16	1
Aroclor 1242	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 16:16	1
Aroclor 1248	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 16:16	1
Aroclor 1254	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 16:16	1
Aroclor 1260	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 16:16	1
Aroclor 1262	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 16:16	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*103*		*10 - 150*	*10/03/16 13:55*	*10/04/16 16:16*	*1*
DCB Decachlorobiphenyl	*105*		*10 - 150*	*10/03/16 13:55*	*10/04/16 16:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**103**		0.10	0.10	mg/L			10/05/16 13:20	1
Total Suspended Solids	**49.2**		4.0	4.0	mg/L			10/04/16 08:44	1

Client Sample ID: MW-7D

Date Collected: 09/29/16 11:05
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-3

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/03/16 00:34	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/03/16 00:34	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/03/16 00:34	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/03/16 00:34	1
Acetone	1.1	U	5.0	1.1	ug/L			10/03/16 00:34	1

Client Sample ID: MW-7D

Date Collected: 09/29/16 11:05
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-3

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/03/16 00:34	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/03/16 00:34	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/03/16 00:34	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/03/16 00:34	1
Chloroform	**0.42**	**J**	1.0	0.22	ug/L			10/03/16 00:34	1
Toluene	0.25	U	1.0	0.25	ug/L			10/03/16 00:34	1
Benzene	0.090	U	1.0	0.090	ug/L			10/03/16 00:34	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/03/16 00:34	1
Styrene	0.17	U	1.0	0.17	ug/L			10/03/16 00:34	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/03/16 00:34	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/03/16 00:34	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/03/16 00:34	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/03/16 00:34	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/03/16 00:34	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/03/16 00:34	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/03/16 00:34	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/03/16 00:34	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/03/16 00:34	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/03/16 00:34	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/03/16 00:34	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/03/16 00:34	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/03/16 00:34	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/03/16 00:34	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/03/16 00:34	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/03/16 00:34	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/03/16 00:34	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/03/16 00:34	1
MTBE	**1.2**		1.0	0.13	ug/L			10/03/16 00:34	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/03/16 00:34	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/03/16 00:34	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/03/16 00:34	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/03/16 00:34	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/03/16 00:34	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/03/16 00:34	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/03/16 00:34	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/03/16 00:34	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/03/16 00:34	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/03/16 00:34	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/03/16 00:34	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/03/16 00:34	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/03/16 00:34	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/03/16 00:34	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/03/16 00:34	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/03/16 00:34	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/03/16 00:34	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/03/16 00:34*	*1*

Client Sample ID: MW-7D

Date Collected: 09/29/16 11:05
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-3

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*48 - 130*		*10/03/16 00:34*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*10/03/16 00:34*	*1*
Bromofluorobenzene	*91*		*71 - 131*		*10/03/16 00:34*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*10/03/16 00:34*	*1*

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.12	U	1.0	0.12	ug/L		10/03/16 10:31	10/04/16 08:10	1
1,3-Dichlorobenzene	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 08:10	1
1,4-Dichlorobenzene	0.66	U	10	0.66	ug/L		10/03/16 10:31	10/04/16 08:10	1
1,2-Dichlorobenzene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 08:10	1
N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83	ug/L		10/03/16 10:31	10/04/16 08:10	1
Hexachloroethane	0.090	U	1.0	0.090	ug/L		10/03/16 10:31	10/04/16 08:10	1
Nitrobenzene	0.49	U	1.0	0.49	ug/L		10/03/16 10:31	10/04/16 08:10	1
Isophorone	0.67	U	10	0.67	ug/L		10/03/16 10:31	10/04/16 08:10	1
Bis(2-chloroethoxy)methane	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 08:10	1
1,2,4-Trichlorobenzene	0.61	U	1.0	0.61	ug/L		10/03/16 10:31	10/04/16 08:10	1
Naphthalene	0.80	U	10	0.80	ug/L		10/03/16 10:31	10/04/16 08:10	1
4-Chloroaniline	0.73	U	10	0.73	ug/L		10/03/16 10:31	10/04/16 08:10	1
Hexachlorobutadiene	0.76	U	1.0	0.76	ug/L		10/03/16 10:31	10/04/16 08:10	1
2-Methylnaphthalene	0.88	U	10	0.88	ug/L		10/03/16 10:31	10/04/16 08:10	1
Hexachlorocyclopentadiene	0.61	U	10	0.61	ug/L		10/03/16 10:31	10/04/16 08:10	1
2-Chloronaphthalene	0.61	U	10	0.61	ug/L		10/03/16 10:31	10/04/16 08:10	1
2-Nitroaniline	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 08:10	1
Dimethyl phthalate	0.98	U	10	0.98	ug/L		10/03/16 10:31	10/04/16 08:10	1
Acenaphthylene	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 08:10	1
2,6-Dinitrotoluene	0.88	U	2.0	0.88	ug/L		10/03/16 10:31	10/04/16 08:10	1
3-Nitroaniline	0.82	U	10	0.82	ug/L		10/03/16 10:31	10/04/16 08:10	1
Acenaphthene	0.88	U	10	0.88	ug/L		10/03/16 10:31	10/04/16 08:10	1
Dibenzofuran	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 08:10	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		10/03/16 10:31	10/04/16 08:10	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 08:10	1
4-Chlorophenyl phenyl ether	0.96	U	10	0.96	ug/L		10/03/16 10:31	10/04/16 08:10	1
Fluorene	0.80	U	10	0.80	ug/L		10/03/16 10:31	10/04/16 08:10	1
4-Nitroaniline	0.48	U	10	0.48	ug/L		10/03/16 10:31	10/04/16 08:10	1
N-Nitrosodiphenylamine	0.74	U	10	0.74	ug/L		10/03/16 10:31	10/04/16 08:10	1
4-Bromophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 08:10	1
Hexachlorobenzene	0.47	U	1.0	0.47	ug/L		10/03/16 10:31	10/04/16 08:10	1
Phenanthrene	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 08:10	1
Anthracene	0.57	U	10	0.57	ug/L		10/03/16 10:31	10/04/16 08:10	1
Carbazole	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 08:10	1
Di-n-butyl phthalate	0.82	U	10	0.82	ug/L		10/03/16 10:31	10/04/16 08:10	1
Fluoranthene	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 08:10	1
Pyrene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 08:10	1
Butyl benzyl phthalate	0.60	U	10	0.60	ug/L		10/03/16 10:31	10/04/16 08:10	1
3,3'-Dichlorobenzidine	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 08:10	1
Benzo[a]anthracene	0.55	U	1.0	0.55	ug/L		10/03/16 10:31	10/04/16 08:10	1
Chrysene	0.67	U	2.0	0.67	ug/L		10/03/16 10:31	10/04/16 08:10	1
Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72	ug/L		10/03/16 10:31	10/04/16 08:10	1
Di-n-octyl phthalate	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 08:10	1

Client Sample ID: MW-7D

Date Collected: 09/29/16 11:05
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-3

Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	0.44	U	1.0	0.44	ug/L		10/03/16 10:31	10/04/16 08:10	1
Benzo[k]fluoranthene	0.18	U	1.0	0.18	ug/L		10/03/16 10:31	10/04/16 08:10	1
Benzo[a]pyrene	0.16	U	1.0	0.16	ug/L		10/03/16 10:31	10/04/16 08:10	1
Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21	ug/L		10/03/16 10:31	10/04/16 08:10	1
Dibenz(a,h)anthracene	0.090	U	1.0	0.090	ug/L		10/03/16 10:31	10/04/16 08:10	1
Benzo[g,h,i]perylene	0.75	U	10	0.75	ug/L		10/03/16 10:31	10/04/16 08:10	1
bis (2-chloroisopropyl) ether	0.93	U	10	0.93	ug/L		10/03/16 10:31	10/04/16 08:10	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*10/03/16 10:31*	*10/04/16 08:10*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*71*		*49 - 125*	*10/03/16 10:31*	*10/04/16 08:10*	*1*
Terphenyl-d14	*73*		*28 - 150*	*10/03/16 10:31*	*10/04/16 08:10*	*1*
2-Fluorobiphenyl	*77*		*44 - 129*	*10/03/16 10:31*	*10/04/16 08:10*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 16:31	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 16:31	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 16:31	1
Aroclor 1242	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 16:31	1
Aroclor 1248	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 16:31	1
Aroclor 1254	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 16:31	1
Aroclor 1260	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 16:31	1
Aroclor 1262	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 16:31	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 16:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*101*		*10 - 150*	*10/03/16 13:55*	*10/04/16 16:31*	*1*
DCB Decachlorobiphenyl	*109*		*10 - 150*	*10/03/16 13:55*	*10/04/16 16:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**47.0**		10.0	10.0	mg/L			10/04/16 13:46	1
Total Suspended Solids	1.0	U	1.0	1.0	mg/L			10/04/16 08:44	1

Client Sample ID: MW-13

Date Collected: 09/29/16 11:10
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-4

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/03/16 00:55	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/03/16 00:55	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/03/16 00:55	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/03/16 00:55	1
Acetone	1.1	U	5.0	1.1	ug/L			10/03/16 00:55	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/03/16 00:55	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/03/16 00:55	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/03/16 00:55	1

Client Sample ID: MW-13

Date Collected: 09/29/16 11:10
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-4

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/03/16 00:55	1
Chloroform	0.22	U	1.0	0.22	ug/L			10/03/16 00:55	1
Toluene	0.25	U	1.0	0.25	ug/L			10/03/16 00:55	1
Benzene	0.090	U	1.0	0.090	ug/L			10/03/16 00:55	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/03/16 00:55	1
Styrene	0.17	U	1.0	0.17	ug/L			10/03/16 00:55	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/03/16 00:55	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/03/16 00:55	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/03/16 00:55	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/03/16 00:55	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/03/16 00:55	1
1,2,4-Trichlorobenzene	**22**		1.0	0.27	ug/L			10/03/16 00:55	1
1,2,3-Trichlorobenzene	**6.8**		1.0	0.35	ug/L			10/03/16 00:55	1
1,2-Dichlorobenzene	**0.75**	**J**	1.0	0.22	ug/L			10/03/16 00:55	1
1,3-Dichlorobenzene	**0.67**	**J**	1.0	0.33	ug/L			10/03/16 00:55	1
1,4-Dichlorobenzene	**4.1**		1.0	0.33	ug/L			10/03/16 00:55	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/03/16 00:55	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/03/16 00:55	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/03/16 00:55	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/03/16 00:55	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/03/16 00:55	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/03/16 00:55	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/03/16 00:55	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/03/16 00:55	1
MTBE	0.13	U	1.0	0.13	ug/L			10/03/16 00:55	1
Tetrachloroethene	**0.15**	**J**	1.0	0.12	ug/L			10/03/16 00:55	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/03/16 00:55	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/03/16 00:55	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/03/16 00:55	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/03/16 00:55	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/03/16 00:55	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/03/16 00:55	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/03/16 00:55	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/03/16 00:55	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/03/16 00:55	1
Xylenes, Total	**0.81**	**J**	2.0	0.28	ug/L			10/03/16 00:55	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/03/16 00:55	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/03/16 00:55	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/03/16 00:55	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/03/16 00:55	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/03/16 00:55	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/03/16 00:55	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzene, 1,2,3-trimethyl-	*7.8*	*J N*	*ug/L*		*8.74*	*526-73-8*		*10/03/16 00:55*	*1*
Benzene, 1-methyl-3-propyl-	*8.1*	*J N*	*ug/L*		*9.30*	*1074-43-7*		*10/03/16 00:55*	*1*
Benzene, 2-ethyl-1,4-dimethyl-	*12*	*J N*	*ug/L*		*9.34*	*1758-88-9*		*10/03/16 00:55*	*1*
Benzene, 1-methyl-4-propyl-	*7.3*	*J N*	*ug/L*		*9.46*	*1074-55-1*		*10/03/16 00:55*	*1*
Benzene, 1-ethyl-2,3-dimethyl-	*8.0*	*J N*	*ug/L*		*9.57*	*933-98-2*		*10/03/16 00:55*	*1*
1-Phenyl-1-butene	*13*	*J N*	*ug/L*		*9.66*	*824-90-8*		*10/03/16 00:55*	*1*

Client Sample ID: MW-13

Date Collected: 09/29/16 11:10
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-4

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Benzene, 4-ethyl-1,2-dimethyl-	7.7	J N	ug/L		9.77	934-80-5		10/03/16 00:55	1
Benzene, 1,2,4,5-tetramethyl-	14	J N	ug/L		9.86	95-93-2		10/03/16 00:55	1
Benzene, 1,2,3,5-tetramethyl-	34	J N	ug/L		10.16	527-53-7		10/03/16 00:55	1
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6.8	J N	ug/L		11.20	6682-71-9		10/03/16 00:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		48 - 130		10/03/16 00:55	1
Toluene-d8 (Surr)	103		80 - 120		10/03/16 00:55	1
Bromofluorobenzene	92		71 - 131		10/03/16 00:55	1
Dibromofluoromethane (Surr)	103		80 - 120		10/03/16 00:55	1

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.13	U	1.0	0.13	ug/L		10/03/16 10:31	10/04/16 08:32	1
1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L		10/03/16 10:31	10/04/16 08:32	1
1,4-Dichlorobenzene	**3.4**	**J**	10	0.69	ug/L		10/03/16 10:31	10/04/16 08:32	1
1,2-Dichlorobenzene	0.87	U	10	0.87	ug/L		10/03/16 10:31	10/04/16 08:32	1
N-Nitrosodi-n-propylamine	0.87	U	1.0	0.87	ug/L		10/03/16 10:31	10/04/16 08:32	1
Hexachloroethane	0.094	U	1.0	0.094	ug/L		10/03/16 10:31	10/04/16 08:32	1
Nitrobenzene	0.51	U	1.0	0.51	ug/L		10/03/16 10:31	10/04/16 08:32	1
Isophorone	0.70	U	10	0.70	ug/L		10/03/16 10:31	10/04/16 08:32	1
Bis(2-chloroethoxy)methane	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 08:32	1
1,2,4-Trichlorobenzene	**17**		1.0	0.64	ug/L		10/03/16 10:31	10/04/16 08:32	1
Naphthalene	0.84	U	10	0.84	ug/L		10/03/16 10:31	10/04/16 08:32	1
4-Chloroaniline	0.76	U	10	0.76	ug/L		10/03/16 10:31	10/04/16 08:32	1
Hexachlorobutadiene	0.79	U	1.0	0.79	ug/L		10/03/16 10:31	10/04/16 08:32	1
2-Methylnaphthalene	0.92	U	10	0.92	ug/L		10/03/16 10:31	10/04/16 08:32	1
Hexachlorocyclopentadiene	0.64	U	10	0.64	ug/L		10/03/16 10:31	10/04/16 08:32	1
2-Chloronaphthalene	0.64	U	10	0.64	ug/L		10/03/16 10:31	10/04/16 08:32	1
2-Nitroaniline	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 08:32	1
Dimethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 08:32	1
Acenaphthylene	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 08:32	1
2,6-Dinitrotoluene	0.92	U	2.1	0.92	ug/L		10/03/16 10:31	10/04/16 08:32	1
3-Nitroaniline	0.86	U	10	0.86	ug/L		10/03/16 10:31	10/04/16 08:32	1
Acenaphthene	0.92	U	10	0.92	ug/L		10/03/16 10:31	10/04/16 08:32	1
Dibenzofuran	0.89	U	10	0.89	ug/L		10/03/16 10:31	10/04/16 08:32	1
2,4-Dinitrotoluene	1.1	U	2.1	1.1	ug/L		10/03/16 10:31	10/04/16 08:32	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 08:32	1
4-Chlorophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 08:32	1
Fluorene	0.84	U	10	0.84	ug/L		10/03/16 10:31	10/04/16 08:32	1
4-Nitroaniline	0.50	U	10	0.50	ug/L		10/03/16 10:31	10/04/16 08:32	1
N-Nitrosodiphenylamine	0.77	U	10	0.77	ug/L		10/03/16 10:31	10/04/16 08:32	1
4-Bromophenyl phenyl ether	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 08:32	1
Hexachlorobenzene	0.49	U	1.0	0.49	ug/L		10/03/16 10:31	10/04/16 08:32	1
Phenanthrene	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 08:32	1
Anthracene	0.60	U	10	0.60	ug/L		10/03/16 10:31	10/04/16 08:32	1
Carbazole	0.89	U	10	0.89	ug/L		10/03/16 10:31	10/04/16 08:32	1
Di-n-butyl phthalate	0.86	U	10	0.86	ug/L		10/03/16 10:31	10/04/16 08:32	1
Fluoranthene	0.75	U	10	0.75	ug/L		10/03/16 10:31	10/04/16 08:32	1

Client Sample ID: MW-13
Date Collected: 09/29/16 11:10
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-4
Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	0.87	U	10	0.87	ug/L		10/03/16 10:31	10/04/16 08:32	1
Butyl benzyl phthalate	0.63	U	10	0.63	ug/L		10/03/16 10:31	10/04/16 08:32	1
3,3'-Dichlorobenzidine	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 08:32	1
Benzo[a]anthracene	0.58	U	1.0	0.58	ug/L		10/03/16 10:31	10/04/16 08:32	1
Chrysene	0.70	U	2.1	0.70	ug/L		10/03/16 10:31	10/04/16 08:32	1
Bis(2-ethylhexyl) phthalate	0.75	U	2.1	0.75	ug/L		10/03/16 10:31	10/04/16 08:32	1
Di-n-octyl phthalate	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 08:32	1
Benzo[b]fluoranthene	0.46	U	1.0	0.46	ug/L		10/03/16 10:31	10/04/16 08:32	1
Benzo[k]fluoranthene	0.19	U	1.0	0.19	ug/L		10/03/16 10:31	10/04/16 08:32	1
Benzo[a]pyrene	0.17	U	1.0	0.17	ug/L		10/03/16 10:31	10/04/16 08:32	1
Indeno[1,2,3-cd]pyrene	0.22	U	1.0	0.22	ug/L		10/03/16 10:31	10/04/16 08:32	1
Dibenz(a,h)anthracene	0.094	U	1.0	0.094	ug/L		10/03/16 10:31	10/04/16 08:32	1
Benzo[g,h,i]perylene	0.78	U	10	0.78	ug/L		10/03/16 10:31	10/04/16 08:32	1
bis (2-chloroisopropyl) ether	0.97	U	10	0.97	ug/L		10/03/16 10:31	10/04/16 08:32	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzene, 1-ethyl-2,3-dimethyl-	*9.1*	*J N*	*ug/L*		*4.89*	*933-98-2*	*10/03/16 10:31*	*10/04/16 08:32*	*1*
Ethanone, 1-(2,5-dimethylphenyl)-	*8.6*	*J N*	*ug/L*		*5.51*	*2142-73-6*	*10/03/16 10:31*	*10/04/16 08:32*	*1*
Benzene, 1,2,3-trichloro-	*9.7*	*J N*	*ug/L*		*6.01*	*87-61-6*	*10/03/16 10:31*	*10/04/16 08:32*	*1*
Unknown	*8.1*	*J*	*ug/L*		*6.12*		*10/03/16 10:31*	*10/04/16 08:32*	*1*
Indan, 1-methyl-	*12*	*J N*	*ug/L*		*6.57*	*767-58-8*	*10/03/16 10:31*	*10/04/16 08:32*	*1*
Unknown	*25*	*J*	*ug/L*		*6.71*		*10/03/16 10:31*	*10/04/16 08:32*	*1*
Benzene, (2-methyl-1-propenyl)-	*24*	*J N*	*ug/L*		*6.89*	*768-49-0*	*10/03/16 10:31*	*10/04/16 08:32*	*1*
Unknown	*11*	*J*	*ug/L*		*7.02*		*10/03/16 10:31*	*10/04/16 08:32*	*1*
1-Methylindan-2-one	*8.2*	*J N*	*ug/L*		*7.09*	*35587-60-1*	*10/03/16 10:31*	*10/04/16 08:32*	*1*
Unknown	*7.6*	*J*	*ug/L*		*7.18*		*10/03/16 10:31*	*10/04/16 08:32*	*1*
1,1'-Biphenyl, 2,3-dichloro-	*10*	*J N*	*ug/L*		*8.25*	*16605-91-7*	*10/03/16 10:31*	*10/04/16 08:32*	*1*
1(2H)-Acenaphthylenone	*12*	*J N*	*ug/L*		*8.49*	*2235-15-6*	*10/03/16 10:31*	*10/04/16 08:32*	*1*
1,1'-Biphenyl, 2',3,4-trichloro-	*7.6*	*J N*	*ug/L*		*9.00*	*38444-86-9*	*10/03/16 10:31*	*10/04/16 08:32*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*79*		*49 - 125*	*10/03/16 10:31*	*10/04/16 08:32*	*1*
Terphenyl-d14	*80*		*28 - 150*	*10/03/16 10:31*	*10/04/16 08:32*	*1*
2-Fluorobiphenyl	*76*		*44 - 129*	*10/03/16 10:31*	*10/04/16 08:32*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.98	U	4.0	0.98	ug/L		10/03/16 13:55	10/05/16 10:00	10
Aroclor 1221	0.98	U	4.0	0.98	ug/L		10/03/16 13:55	10/05/16 10:00	10
Aroclor 1232	0.98	U	4.0	0.98	ug/L		10/03/16 13:55	10/05/16 10:00	10
Aroclor 1242	**35**	**D**	4.0	0.98	ug/L		10/03/16 13:55	10/05/16 10:00	10
Aroclor 1248	0.98	U	4.0	0.98	ug/L		10/03/16 13:55	10/05/16 10:00	10
Aroclor 1254	0.84	U	4.0	0.84	ug/L		10/03/16 13:55	10/05/16 10:00	10
Aroclor 1260	0.84	U	4.0	0.84	ug/L		10/03/16 13:55	10/05/16 10:00	10
Aroclor 1262	0.84	U	4.0	0.84	ug/L		10/03/16 13:55	10/05/16 10:00	10
Aroclor 1268	0.84	U	4.0	0.84	ug/L		10/03/16 13:55	10/05/16 10:00	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*110*	*D*	*10 - 150*	*10/03/16 13:55*	*10/05/16 10:00*	*10*
DCB Decachlorobiphenyl	*123*	*D*	*10 - 150*	*10/03/16 13:55*	*10/05/16 10:00*	*10*

Client Sample ID: MW-13

Lab Sample ID: 460-121167-4

Date Collected: 09/29/16 11:10

Matrix: Water

Date Received: 09/29/16 20:35

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**27.0**		10.0	10.0	mg/L			10/04/16 13:46	1
Total Suspended Solids	**3.1**		1.0	1.0	mg/L			10/04/16 08:44	1

Client Sample ID: MW-8D

Lab Sample ID: 460-121167-5

Date Collected: 09/29/16 12:35

Matrix: Water

Date Received: 09/29/16 20:35

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/04/16 20:38	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/04/16 20:38	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/04/16 20:38	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/04/16 20:38	1
Acetone	1.1	U	5.0	1.1	ug/L			10/04/16 20:38	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/04/16 20:38	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/04/16 20:38	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/04/16 20:38	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/04/16 20:38	1
Chloroform	**0.27**	**J**	1.0	0.22	ug/L			10/04/16 20:38	1
Toluene	0.25	U	1.0	0.25	ug/L			10/04/16 20:38	1
Benzene	0.090	U	1.0	0.090	ug/L			10/04/16 20:38	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/04/16 20:38	1
Styrene	0.17	U	1.0	0.17	ug/L			10/04/16 20:38	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/04/16 20:38	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/04/16 20:38	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/04/16 20:38	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/04/16 20:38	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/04/16 20:38	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/04/16 20:38	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/04/16 20:38	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/04/16 20:38	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/04/16 20:38	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/04/16 20:38	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/04/16 20:38	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/04/16 20:38	1
4-Methyl-2-pentanone	0.63	U *	5.0	0.63	ug/L			10/04/16 20:38	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/04/16 20:38	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/04/16 20:38	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/04/16 20:38	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/04/16 20:38	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/04/16 20:38	1
MTBE	**1.7**		1.0	0.13	ug/L			10/04/16 20:38	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/04/16 20:38	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/04/16 20:38	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/04/16 20:38	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/04/16 20:38	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/04/16 20:38	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/04/16 20:38	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/04/16 20:38	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/04/16 20:38	1

Client Sample ID: MW-8D

Date Collected: 09/29/16 12:35
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-5

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/04/16 20:38	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/04/16 20:38	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/04/16 20:38	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/04/16 20:38	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/04/16 20:38	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/04/16 20:38	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/04/16 20:38	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/04/16 20:38	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/04/16 20:38	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/04/16 20:38*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*48 - 130*		*10/04/16 20:38*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/04/16 20:38*	*1*
Bromofluorobenzene	*88*		*71 - 131*		*10/04/16 20:38*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*10/04/16 20:38*	*1*

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.12	U	1.0	0.12	ug/L		10/03/16 10:31	10/04/16 08:54	1
1,3-Dichlorobenzene	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 08:54	1
1,4-Dichlorobenzene	0.66	U	10	0.66	ug/L		10/03/16 10:31	10/04/16 08:54	1
1,2-Dichlorobenzene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 08:54	1
N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83	ug/L		10/03/16 10:31	10/04/16 08:54	1
Hexachloroethane	0.090	U	1.0	0.090	ug/L		10/03/16 10:31	10/04/16 08:54	1
Nitrobenzene	0.49	U	1.0	0.49	ug/L		10/03/16 10:31	10/04/16 08:54	1
Isophorone	0.67	U	10	0.67	ug/L		10/03/16 10:31	10/04/16 08:54	1
Bis(2-chloroethoxy)methane	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 08:54	1
1,2,4-Trichlorobenzene	0.61	U	1.0	0.61	ug/L		10/03/16 10:31	10/04/16 08:54	1
Naphthalene	0.80	U	10	0.80	ug/L		10/03/16 10:31	10/04/16 08:54	1
4-Chloroaniline	0.73	U	10	0.73	ug/L		10/03/16 10:31	10/04/16 08:54	1
Hexachlorobutadiene	0.76	U	1.0	0.76	ug/L		10/03/16 10:31	10/04/16 08:54	1
2-Methylnaphthalene	0.88	U	10	0.88	ug/L		10/03/16 10:31	10/04/16 08:54	1
Hexachlorocyclopentadiene	0.61	U	10	0.61	ug/L		10/03/16 10:31	10/04/16 08:54	1
2-Chloronaphthalene	0.61	U	10	0.61	ug/L		10/03/16 10:31	10/04/16 08:54	1
2-Nitroaniline	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 08:54	1
Dimethyl phthalate	0.98	U	10	0.98	ug/L		10/03/16 10:31	10/04/16 08:54	1
Acenaphthylene	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 08:54	1
2,6-Dinitrotoluene	0.88	U	2.0	0.88	ug/L		10/03/16 10:31	10/04/16 08:54	1
3-Nitroaniline	0.82	U	10	0.82	ug/L		10/03/16 10:31	10/04/16 08:54	1
Acenaphthene	0.88	U	10	0.88	ug/L		10/03/16 10:31	10/04/16 08:54	1
Dibenzofuran	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 08:54	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		10/03/16 10:31	10/04/16 08:54	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 08:54	1
4-Chlorophenyl phenyl ether	0.96	U	10	0.96	ug/L		10/03/16 10:31	10/04/16 08:54	1
Fluorene	0.80	U	10	0.80	ug/L		10/03/16 10:31	10/04/16 08:54	1
4-Nitroaniline	0.48	U	10	0.48	ug/L		10/03/16 10:31	10/04/16 08:54	1
N-Nitrosodiphenylamine	0.74	U	10	0.74	ug/L		10/03/16 10:31	10/04/16 08:54	1

Client Sample ID: MW-8D

Date Collected: 09/29/16 12:35
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-5

Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 08:54	1
Hexachlorobenzene	0.47	U	1.0	0.47	ug/L		10/03/16 10:31	10/04/16 08:54	1
Phenanthrene	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 08:54	1
Anthracene	0.57	U	10	0.57	ug/L		10/03/16 10:31	10/04/16 08:54	1
Carbazole	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 08:54	1
Di-n-butyl phthalate	0.82	U	10	0.82	ug/L		10/03/16 10:31	10/04/16 08:54	1
Fluoranthene	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 08:54	1
Pyrene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 08:54	1
Butyl benzyl phthalate	0.60	U	10	0.60	ug/L		10/03/16 10:31	10/04/16 08:54	1
3,3'-Dichlorobenzidine	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 08:54	1
Benzo[a]anthracene	0.55	U	1.0	0.55	ug/L		10/03/16 10:31	10/04/16 08:54	1
Chrysene	0.67	U	2.0	0.67	ug/L		10/03/16 10:31	10/04/16 08:54	1
Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72	ug/L		10/03/16 10:31	10/04/16 08:54	1
Di-n-octyl phthalate	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 08:54	1
Benzo[b]fluoranthene	0.44	U	1.0	0.44	ug/L		10/03/16 10:31	10/04/16 08:54	1
Benzo[k]fluoranthene	0.18	U	1.0	0.18	ug/L		10/03/16 10:31	10/04/16 08:54	1
Benzo[a]pyrene	0.16	U	1.0	0.16	ug/L		10/03/16 10:31	10/04/16 08:54	1
Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21	ug/L		10/03/16 10:31	10/04/16 08:54	1
Dibenz(a,h)anthracene	0.090	U	1.0	0.090	ug/L		10/03/16 10:31	10/04/16 08:54	1
Benzo[g,h,i]perylene	0.75	U	10	0.75	ug/L		10/03/16 10:31	10/04/16 08:54	1
bis (2-chloroisopropyl) ether	0.93	U	10	0.93	ug/L		10/03/16 10:31	10/04/16 08:54	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*10/03/16 10:31*	*10/04/16 08:54*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*67*		*49 - 125*	*10/03/16 10:31*	*10/04/16 08:54*	*1*
Terphenyl-d14	*76*		*28 - 150*	*10/03/16 10:31*	*10/04/16 08:54*	*1*
2-Fluorobiphenyl	*73*		*44 - 129*	*10/03/16 10:31*	*10/04/16 08:54*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 17:00	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 17:00	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 17:00	1
Aroclor 1242	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 17:00	1
Aroclor 1248	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 17:00	1
Aroclor 1254	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 17:00	1
Aroclor 1260	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 17:00	1
Aroclor 1262	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 17:00	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 17:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*101*		*10 - 150*	*10/03/16 13:55*	*10/04/16 17:00*	*1*
DCB Decachlorobiphenyl	*103*		*10 - 150*	*10/03/16 13:55*	*10/04/16 17:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**74.0**		10.0	10.0	mg/L			10/04/16 13:46	1
Total Suspended Solids	**9.4**		1.0	1.0	mg/L			10/04/16 08:44	1

Client Sample ID: MW-3

Date Collected: 09/29/16 12:50
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-6

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/03/16 21:30	1
Vinyl chloride	0.060	U F2	1.0	0.060	ug/L			10/03/16 21:30	1
Bromomethane	0.18	U F2	1.0	0.18	ug/L			10/03/16 21:30	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/03/16 21:30	1
Acetone	1.1	U	5.0	1.1	ug/L			10/03/16 21:30	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/03/16 21:30	1
Methylene Chloride	0.21	U F2	1.0	0.21	ug/L			10/03/16 21:30	1
Trichlorofluoromethane	0.15	U * F1	1.0	0.15	ug/L			10/03/16 21:30	1
1,1-Dichloroethene	0.34	U F2	1.0	0.34	ug/L			10/03/16 21:30	1
Chloroform	0.22	U	1.0	0.22	ug/L			10/03/16 21:30	1
Toluene	0.25	U	1.0	0.25	ug/L			10/03/16 21:30	1
Benzene	0.090	U	1.0	0.090	ug/L			10/03/16 21:30	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/03/16 21:30	1
Styrene	0.17	U	1.0	0.17	ug/L			10/03/16 21:30	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/03/16 21:30	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/03/16 21:30	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/03/16 21:30	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/03/16 21:30	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/03/16 21:30	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/03/16 21:30	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/03/16 21:30	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/03/16 21:30	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/03/16 21:30	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/03/16 21:30	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/03/16 21:30	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/03/16 21:30	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/03/16 21:30	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/03/16 21:30	1
1,2-Dichloroethane	0.25	U F2	1.0	0.25	ug/L			10/03/16 21:30	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/03/16 21:30	1
1,1-Dichloroethane	0.24	U F2	1.0	0.24	ug/L			10/03/16 21:30	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/03/16 21:30	1
MTBE	0.13	U	1.0	0.13	ug/L			10/03/16 21:30	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/03/16 21:30	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/03/16 21:30	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/03/16 21:30	1
Bromodichloromethane	0.15	U F2	1.0	0.15	ug/L			10/03/16 21:30	1
Dichlorodifluoromethane	0.14	U F1 F2	1.0	0.14	ug/L			10/03/16 21:30	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/03/16 21:30	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/03/16 21:30	1
trans-1,2-Dichloroethene	0.18	U F2	1.0	0.18	ug/L			10/03/16 21:30	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/03/16 21:30	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/03/16 21:30	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/03/16 21:30	1
Trichloroethene	0.22	U F2	1.0	0.22	ug/L			10/03/16 21:30	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/03/16 21:30	1
1,1,1-Trichloroethane	0.28	U F2	1.0	0.28	ug/L			10/03/16 21:30	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/03/16 21:30	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/03/16 21:30	1

Client Sample ID: MW-3

Date Collected: 09/29/16 12:50
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-6

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/03/16 21:30	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/03/16 21:30*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*48 - 130*		*10/03/16 21:30*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*10/03/16 21:30*	*1*
Bromofluorobenzene	*87*		*71 - 131*		*10/03/16 21:30*	*1*
Dibromofluoromethane (Surr)	*149*	*X*	*80 - 120*		*10/03/16 21:30*	*1*

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.13	U	1.0	0.13	ug/L		10/03/16 10:31	10/04/16 09:16	1
1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L		10/03/16 10:31	10/04/16 09:16	1
1,4-Dichlorobenzene	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 09:16	1
1,2-Dichlorobenzene	0.87	U	10	0.87	ug/L		10/03/16 10:31	10/04/16 09:16	1
N-Nitrosodi-n-propylamine	0.87	U	1.0	0.87	ug/L		10/03/16 10:31	10/04/16 09:16	1
Hexachloroethane	0.094	U	1.0	0.094	ug/L		10/03/16 10:31	10/04/16 09:16	1
Nitrobenzene	0.51	U	1.0	0.51	ug/L		10/03/16 10:31	10/04/16 09:16	1
Isophorone	0.70	U	10	0.70	ug/L		10/03/16 10:31	10/04/16 09:16	1
Bis(2-chloroethoxy)methane	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 09:16	1
1,2,4-Trichlorobenzene	0.64	U	1.0	0.64	ug/L		10/03/16 10:31	10/04/16 09:16	1
Naphthalene	0.84	U	10	0.84	ug/L		10/03/16 10:31	10/04/16 09:16	1
4-Chloroaniline	0.76	U	10	0.76	ug/L		10/03/16 10:31	10/04/16 09:16	1
Hexachlorobutadiene	0.79	U	1.0	0.79	ug/L		10/03/16 10:31	10/04/16 09:16	1
2-Methylnaphthalene	0.92	U	10	0.92	ug/L		10/03/16 10:31	10/04/16 09:16	1
Hexachlorocyclopentadiene	0.64	U	10	0.64	ug/L		10/03/16 10:31	10/04/16 09:16	1
2-Chloronaphthalene	0.64	U	10	0.64	ug/L		10/03/16 10:31	10/04/16 09:16	1
2-Nitroaniline	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 09:16	1
Dimethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 09:16	1
Acenaphthylene	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 09:16	1
2,6-Dinitrotoluene	0.92	U	2.1	0.92	ug/L		10/03/16 10:31	10/04/16 09:16	1
3-Nitroaniline	0.86	U	10	0.86	ug/L		10/03/16 10:31	10/04/16 09:16	1
Acenaphthene	0.92	U	10	0.92	ug/L		10/03/16 10:31	10/04/16 09:16	1
Dibenzofuran	0.89	U	10	0.89	ug/L		10/03/16 10:31	10/04/16 09:16	1
2,4-Dinitrotoluene	1.1	U	2.1	1.1	ug/L		10/03/16 10:31	10/04/16 09:16	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 09:16	1
4-Chlorophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 09:16	1
Fluorene	0.84	U	10	0.84	ug/L		10/03/16 10:31	10/04/16 09:16	1
4-Nitroaniline	0.50	U	10	0.50	ug/L		10/03/16 10:31	10/04/16 09:16	1
N-Nitrosodiphenylamine	0.77	U	10	0.77	ug/L		10/03/16 10:31	10/04/16 09:16	1
4-Bromophenyl phenyl ether	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 09:16	1
Hexachlorobenzene	0.49	U	1.0	0.49	ug/L		10/03/16 10:31	10/04/16 09:16	1
Phenanthrene	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 09:16	1
Anthracene	0.60	U	10	0.60	ug/L		10/03/16 10:31	10/04/16 09:16	1
Carbazole	0.89	U	10	0.89	ug/L		10/03/16 10:31	10/04/16 09:16	1
Di-n-butyl phthalate	0.86	U	10	0.86	ug/L		10/03/16 10:31	10/04/16 09:16	1
Fluoranthene	0.75	U	10	0.75	ug/L		10/03/16 10:31	10/04/16 09:16	1
Pyrene	0.87	U	10	0.87	ug/L		10/03/16 10:31	10/04/16 09:16	1

Client Sample ID: MW-3

Date Collected: 09/29/16 12:50
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-6

Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	0.63	U	10	0.63	ug/L		10/03/16 10:31	10/04/16 09:16	1
3,3'-Dichlorobenzidine	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 09:16	1
Benzo[a]anthracene	0.58	U	1.0	0.58	ug/L		10/03/16 10:31	10/04/16 09:16	1
Chrysene	0.70	U	2.1	0.70	ug/L		10/03/16 10:31	10/04/16 09:16	1
Bis(2-ethylhexyl) phthalate	0.75	U	2.1	0.75	ug/L		10/03/16 10:31	10/04/16 09:16	1
Di-n-octyl phthalate	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 09:16	1
Benzo[b]fluoranthene	0.46	U	1.0	0.46	ug/L		10/03/16 10:31	10/04/16 09:16	1
Benzo[k]fluoranthene	0.19	U	1.0	0.19	ug/L		10/03/16 10:31	10/04/16 09:16	1
Benzo[a]pyrene	0.17	U	1.0	0.17	ug/L		10/03/16 10:31	10/04/16 09:16	1
Indeno[1,2,3-cd]pyrene	0.22	U	1.0	0.22	ug/L		10/03/16 10:31	10/04/16 09:16	1
Dibenz(a,h)anthracene	0.094	U	1.0	0.094	ug/L		10/03/16 10:31	10/04/16 09:16	1
Benzo[g,h,i]perylene	0.78	U	10	0.78	ug/L		10/03/16 10:31	10/04/16 09:16	1
bis (2-chloroisopropyl) ether	0.97	U	10	0.97	ug/L		10/03/16 10:31	10/04/16 09:16	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*10/03/16 10:31*	*10/04/16 09:16*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*73*		*49 - 125*	*10/03/16 10:31*	*10/04/16 09:16*	*1*
Terphenyl-d14	*80*		*28 - 150*	*10/03/16 10:31*	*10/04/16 09:16*	*1*
2-Fluorobiphenyl	*78*		*44 - 129*	*10/03/16 10:31*	*10/04/16 09:16*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 17:15	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 17:15	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 17:15	1
Aroclor 1242	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 17:15	1
Aroclor 1248	**5.8**		0.40	0.098	ug/L		10/03/16 13:55	10/04/16 17:15	1
Aroclor 1254	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 17:15	1
Aroclor 1260	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 17:15	1
Aroclor 1262	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 17:15	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*10 - 150*	*10/03/16 13:55*	*10/04/16 17:15*	*1*
DCB Decachlorobiphenyl	*88*		*10 - 150*	*10/03/16 13:55*	*10/04/16 17:15*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**38.0**		10.0	10.0	mg/L			10/04/16 13:46	1
Total Suspended Solids	**7.9**		1.3	1.3	mg/L			10/04/16 08:44	1

Client Sample ID: MW-3 Filtered

Date Collected: 09/29/16 13:00
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-7

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/03/16 22:22	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/03/16 22:22	1

Client Sample ID: MW-3 Filtered

Date Collected: 09/29/16 13:00
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-7

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	0.18	U	1.0	0.18	ug/L			10/03/16 22:22	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/03/16 22:22	1
Acetone	**140**		5.0	1.1	ug/L			10/03/16 22:22	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/03/16 22:22	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/03/16 22:22	1
Trichlorofluoromethane	0.15	U *	1.0	0.15	ug/L			10/03/16 22:22	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/03/16 22:22	1
Chloroform	0.22	U	1.0	0.22	ug/L			10/03/16 22:22	1
Toluene	0.25	U	1.0	0.25	ug/L			10/03/16 22:22	1
Benzene	**0.11**	**J**	1.0	0.090	ug/L			10/03/16 22:22	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/03/16 22:22	1
Styrene	0.17	U	1.0	0.17	ug/L			10/03/16 22:22	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/03/16 22:22	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/03/16 22:22	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/03/16 22:22	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/03/16 22:22	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/03/16 22:22	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/03/16 22:22	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/03/16 22:22	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/03/16 22:22	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/03/16 22:22	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/03/16 22:22	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/03/16 22:22	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/03/16 22:22	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/03/16 22:22	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/03/16 22:22	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/03/16 22:22	1
2-Butanone	**22**		5.0	2.2	ug/L			10/03/16 22:22	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/03/16 22:22	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/03/16 22:22	1
MTBE	0.13	U	1.0	0.13	ug/L			10/03/16 22:22	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/03/16 22:22	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/03/16 22:22	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/03/16 22:22	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/03/16 22:22	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/03/16 22:22	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/03/16 22:22	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/03/16 22:22	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/03/16 22:22	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/03/16 22:22	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/03/16 22:22	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/03/16 22:22	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/03/16 22:22	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/03/16 22:22	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/03/16 22:22	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/03/16 22:22	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/03/16 22:22	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/03/16 22:22	1

Client Sample ID: MW-3 Filtered

Date Collected: 09/29/16 13:00
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-7

Matrix: Water

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					10/03/16 22:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		48 - 130		10/03/16 22:22	1
Toluene-d8 (Surr)	96		80 - 120		10/03/16 22:22	1
Bromofluorobenzene	84		71 - 131		10/03/16 22:22	1
Dibromofluoromethane (Surr)	89		80 - 120		10/03/16 22:22	1

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.13	U	1.0	0.13	ug/L		10/03/16 10:31	10/04/16 09:38	1
1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L		10/03/16 10:31	10/04/16 09:38	1
1,4-Dichlorobenzene	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 09:38	1
1,2-Dichlorobenzene	0.86	U	10	0.86	ug/L		10/03/16 10:31	10/04/16 09:38	1
N-Nitrosodi-n-propylamine	0.86	U	1.0	0.86	ug/L		10/03/16 10:31	10/04/16 09:38	1
Hexachloroethane	0.094	U	1.0	0.094	ug/L		10/03/16 10:31	10/04/16 09:38	1
Nitrobenzene	0.51	U	1.0	0.51	ug/L		10/03/16 10:31	10/04/16 09:38	1
Isophorone	0.70	U	10	0.70	ug/L		10/03/16 10:31	10/04/16 09:38	1
Bis(2-chloroethoxy)methane	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 09:38	1
1,2,4-Trichlorobenzene	0.64	U	1.0	0.64	ug/L		10/03/16 10:31	10/04/16 09:38	1
Naphthalene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 09:38	1
4-Chloroaniline	0.76	U	10	0.76	ug/L		10/03/16 10:31	10/04/16 09:38	1
Hexachlorobutadiene	0.79	U	1.0	0.79	ug/L		10/03/16 10:31	10/04/16 09:38	1
2-Methylnaphthalene	0.92	U	10	0.92	ug/L		10/03/16 10:31	10/04/16 09:38	1
Hexachlorocyclopentadiene	0.64	U	10	0.64	ug/L		10/03/16 10:31	10/04/16 09:38	1
2-Chloronaphthalene	0.64	U	10	0.64	ug/L		10/03/16 10:31	10/04/16 09:38	1
2-Nitroaniline	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 09:38	1
Dimethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 09:38	1
Acenaphthylene	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 09:38	1
2,6-Dinitrotoluene	0.92	U	2.1	0.92	ug/L		10/03/16 10:31	10/04/16 09:38	1
3-Nitroaniline	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 09:38	1
Acenaphthene	0.92	U	10	0.92	ug/L		10/03/16 10:31	10/04/16 09:38	1
Dibenzofuran	0.89	U	10	0.89	ug/L		10/03/16 10:31	10/04/16 09:38	1
2,4-Dinitrotoluene	1.1	U	2.1	1.1	ug/L		10/03/16 10:31	10/04/16 09:38	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 09:38	1
4-Chlorophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 09:38	1
Fluorene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 09:38	1
4-Nitroaniline	0.50	U	10	0.50	ug/L		10/03/16 10:31	10/04/16 09:38	1
N-Nitrosodiphenylamine	0.77	U	10	0.77	ug/L		10/03/16 10:31	10/04/16 09:38	1
4-Bromophenyl phenyl ether	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 09:38	1
Hexachlorobenzene	0.49	U	1.0	0.49	ug/L		10/03/16 10:31	10/04/16 09:38	1
Phenanthrene	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 09:38	1
Anthracene	0.59	U	10	0.59	ug/L		10/03/16 10:31	10/04/16 09:38	1
Carbazole	0.89	U	10	0.89	ug/L		10/03/16 10:31	10/04/16 09:38	1
Di-n-butyl phthalate	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 09:38	1
Fluoranthene	0.75	U	10	0.75	ug/L		10/03/16 10:31	10/04/16 09:38	1
Pyrene	0.86	U	10	0.86	ug/L		10/03/16 10:31	10/04/16 09:38	1
Butyl benzyl phthalate	0.63	U	10	0.63	ug/L		10/03/16 10:31	10/04/16 09:38	1
3,3'-Dichlorobenzidine	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 09:38	1
Benzo[a]anthracene	0.57	U	1.0	0.57	ug/L		10/03/16 10:31	10/04/16 09:38	1

Client Sample ID: MW-3 Filtered

Lab Sample ID: 460-121167-7

Date Collected: 09/29/16 13:00

Matrix: Water

Date Received: 09/29/16 20:35

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	0.70	U	2.1	0.70	ug/L		10/03/16 10:31	10/04/16 09:38	1
Bis(2-ethylhexyl) phthalate	0.75	U	2.1	0.75	ug/L		10/03/16 10:31	10/04/16 09:38	1
Di-n-octyl phthalate	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 09:38	1
Benzo[b]fluoranthene	0.46	U	1.0	0.46	ug/L		10/03/16 10:31	10/04/16 09:38	1
Benzo[k]fluoranthene	0.19	U	1.0	0.19	ug/L		10/03/16 10:31	10/04/16 09:38	1
Benzo[a]pyrene	0.17	U	1.0	0.17	ug/L		10/03/16 10:31	10/04/16 09:38	1
Indeno[1,2,3-cd]pyrene	0.22	U	1.0	0.22	ug/L		10/03/16 10:31	10/04/16 09:38	1
Dibenz(a,h)anthracene	0.094	U	1.0	0.094	ug/L		10/03/16 10:31	10/04/16 09:38	1
Benzo[g,h,i]perylene	0.78	U	10	0.78	ug/L		10/03/16 10:31	10/04/16 09:38	1
bis (2-chloroisopropyl) ether	0.97	U	10	0.97	ug/L		10/03/16 10:31	10/04/16 09:38	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
2-Pyrrolidinone, 1-methyl-	*150*	*J N*	*ug/L*		*4.72*	*872-50-4*	*10/03/16 10:31*	*10/04/16 09:38*	*1*
7,9-Di-tert-butyl-1-oxaspiro(4,5)deca -6,	*28*	*J N*	*ug/L*		*9.46*	*82304-66-3*	*10/03/16 10:31*	*10/04/16 09:38*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*68*		*49 - 125*	*10/03/16 10:31*	*10/04/16 09:38*	*1*
Terphenyl-d14	*73*		*28 - 150*	*10/03/16 10:31*	*10/04/16 09:38*	*1*
2-Fluorobiphenyl	*67*		*44 - 129*	*10/03/16 10:31*	*10/04/16 09:38*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 09:13	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 09:13	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 09:13	1
Aroclor 1242	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 09:13	1
Aroclor 1248	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 09:13	1
Aroclor 1254	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 09:13	1
Aroclor 1260	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 09:13	1
Aroclor 1262	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 09:13	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 09:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*105*		*10 - 150*	*10/03/16 13:55*	*10/05/16 09:13*	*1*
DCB Decachlorobiphenyl	*100*		*10 - 150*	*10/03/16 13:55*	*10/05/16 09:13*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**48.0**		10.0	10.0	mg/L			10/04/16 13:46	1
Total Suspended Solids	1.0	U	1.0	1.0	mg/L			10/04/16 08:44	1

Client Sample ID: MW-6

Lab Sample ID: 460-121167-8

Date Collected: 09/29/16 14:35

Matrix: Water

Date Received: 09/29/16 20:35

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/03/16 02:01	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/03/16 02:01	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/03/16 02:01	1

Client Sample ID: MW-6

Date Collected: 09/29/16 14:35
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-8

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.22	U	1.0	0.22	ug/L			10/03/16 02:01	1
Acetone	1.1	U	5.0	1.1	ug/L			10/03/16 02:01	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/03/16 02:01	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/03/16 02:01	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/03/16 02:01	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/03/16 02:01	1
Chloroform	0.22	U	1.0	0.22	ug/L			10/03/16 02:01	1
Toluene	0.25	U	1.0	0.25	ug/L			10/03/16 02:01	1
Benzene	0.090	U	1.0	0.090	ug/L			10/03/16 02:01	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/03/16 02:01	1
Styrene	0.17	U	1.0	0.17	ug/L			10/03/16 02:01	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/03/16 02:01	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/03/16 02:01	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/03/16 02:01	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/03/16 02:01	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/03/16 02:01	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/03/16 02:01	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/03/16 02:01	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/03/16 02:01	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/03/16 02:01	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/03/16 02:01	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/03/16 02:01	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/03/16 02:01	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/03/16 02:01	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/03/16 02:01	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/03/16 02:01	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/03/16 02:01	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/03/16 02:01	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/03/16 02:01	1
MTBE	0.13	U	1.0	0.13	ug/L			10/03/16 02:01	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/03/16 02:01	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/03/16 02:01	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/03/16 02:01	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/03/16 02:01	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/03/16 02:01	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/03/16 02:01	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/03/16 02:01	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/03/16 02:01	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/03/16 02:01	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/03/16 02:01	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/03/16 02:01	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/03/16 02:01	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/03/16 02:01	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/03/16 02:01	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/03/16 02:01	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/03/16 02:01	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/03/16 02:01	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/03/16 02:01*	*1*

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*111*		*48 - 130*		*10/03/16 02:01*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*10/03/16 02:01*	*1*
Bromofluorobenzene	*91*		*71 - 131*		*10/03/16 02:01*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*10/03/16 02:01*	*1*

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.12	U	1.0	0.12	ug/L		10/03/16 10:31	10/04/16 10:01	1
1,3-Dichlorobenzene	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 10:01	1
1,4-Dichlorobenzene	0.66	U	10	0.66	ug/L		10/03/16 10:31	10/04/16 10:01	1
1,2-Dichlorobenzene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 10:01	1
N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83	ug/L		10/03/16 10:31	10/04/16 10:01	1
Hexachloroethane	0.090	U	1.0	0.090	ug/L		10/03/16 10:31	10/04/16 10:01	1
Nitrobenzene	0.49	U	1.0	0.49	ug/L		10/03/16 10:31	10/04/16 10:01	1
Isophorone	0.67	U	10	0.67	ug/L		10/03/16 10:31	10/04/16 10:01	1
Bis(2-chloroethoxy)methane	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 10:01	1
1,2,4-Trichlorobenzene	0.61	U	1.0	0.61	ug/L		10/03/16 10:31	10/04/16 10:01	1
Naphthalene	0.80	U	10	0.80	ug/L		10/03/16 10:31	10/04/16 10:01	1
4-Chloroaniline	0.73	U	10	0.73	ug/L		10/03/16 10:31	10/04/16 10:01	1
Hexachlorobutadiene	0.76	U	1.0	0.76	ug/L		10/03/16 10:31	10/04/16 10:01	1
2-Methylnaphthalene	0.88	U	10	0.88	ug/L		10/03/16 10:31	10/04/16 10:01	1
Hexachlorocyclopentadiene	0.61	U	10	0.61	ug/L		10/03/16 10:31	10/04/16 10:01	1
2-Chloronaphthalene	0.61	U	10	0.61	ug/L		10/03/16 10:31	10/04/16 10:01	1
2-Nitroaniline	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 10:01	1
Dimethyl phthalate	0.98	U	10	0.98	ug/L		10/03/16 10:31	10/04/16 10:01	1
Acenaphthylene	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 10:01	1
2,6-Dinitrotoluene	0.88	U	2.0	0.88	ug/L		10/03/16 10:31	10/04/16 10:01	1
3-Nitroaniline	0.82	U	10	0.82	ug/L		10/03/16 10:31	10/04/16 10:01	1
Acenaphthene	0.88	U	10	0.88	ug/L		10/03/16 10:31	10/04/16 10:01	1
Dibenzofuran	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 10:01	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		10/03/16 10:31	10/04/16 10:01	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 10:01	1
4-Chlorophenyl phenyl ether	0.96	U	10	0.96	ug/L		10/03/16 10:31	10/04/16 10:01	1
Fluorene	0.80	U	10	0.80	ug/L		10/03/16 10:31	10/04/16 10:01	1
4-Nitroaniline	0.48	U	10	0.48	ug/L		10/03/16 10:31	10/04/16 10:01	1
N-Nitrosodiphenylamine	0.74	U	10	0.74	ug/L		10/03/16 10:31	10/04/16 10:01	1
4-Bromophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 10:01	1
Hexachlorobenzene	0.47	U	1.0	0.47	ug/L		10/03/16 10:31	10/04/16 10:01	1
Phenanthrene	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 10:01	1
Anthracene	0.57	U	10	0.57	ug/L		10/03/16 10:31	10/04/16 10:01	1
Carbazole	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 10:01	1
Di-n-butyl phthalate	0.82	U	10	0.82	ug/L		10/03/16 10:31	10/04/16 10:01	1
Fluoranthene	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 10:01	1
Pyrene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 10:01	1
Butyl benzyl phthalate	0.60	U	10	0.60	ug/L		10/03/16 10:31	10/04/16 10:01	1
3,3'-Dichlorobenzidine	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 10:01	1
Benzo[a]anthracene	0.55	U	1.0	0.55	ug/L		10/03/16 10:31	10/04/16 10:01	1
Chrysene	0.67	U	2.0	0.67	ug/L		10/03/16 10:31	10/04/16 10:01	1
Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72	ug/L		10/03/16 10:31	10/04/16 10:01	1
Di-n-octyl phthalate	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 10:01	1
Benzo[b]fluoranthene	0.44	U	1.0	0.44	ug/L		10/03/16 10:31	10/04/16 10:01	1
Benzo[k]fluoranthene	0.18	U	1.0	0.18	ug/L		10/03/16 10:31	10/04/16 10:01	1
Benzo[a]pyrene	0.16	U	1.0	0.16	ug/L		10/03/16 10:31	10/04/16 10:01	1
Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21	ug/L		10/03/16 10:31	10/04/16 10:01	1

Client Sample ID: MW-6

Date Collected: 09/29/16 14:35
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-8

Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	0.090	U	1.0	0.090	ug/L		10/03/16 10:31	10/04/16 10:01	1
Benzo[g,h,i]perylene	0.75	U	10	0.75	ug/L		10/03/16 10:31	10/04/16 10:01	1
bis (2-chloroisopropyl) ether	0.93	U	10	0.93	ug/L		10/03/16 10:31	10/04/16 10:01	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*10/03/16 10:31*	*10/04/16 10:01*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*67*		*49 - 125*	*10/03/16 10:31*	*10/04/16 10:01*	*1*
Terphenyl-d14	*72*		*28 - 150*	*10/03/16 10:31*	*10/04/16 10:01*	*1*
2-Fluorobiphenyl	*70*		*44 - 129*	*10/03/16 10:31*	*10/04/16 10:01*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 17:45	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 17:45	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 17:45	1
Aroclor 1242	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 17:45	1
Aroclor 1248	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 17:45	1
Aroclor 1254	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 17:45	1
Aroclor 1260	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 17:45	1
Aroclor 1262	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 17:45	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*95*		*10 - 150*	*10/03/16 13:55*	*10/04/16 17:45*	*1*
DCB Decachlorobiphenyl	*94*		*10 - 150*	*10/03/16 13:55*	*10/04/16 17:45*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**71.0**		10.0	10.0	mg/L			10/04/16 13:46	1
Total Suspended Solids	**2.5**		1.0	1.0	mg/L			10/04/16 09:41	1

Client Sample ID: MW-6 Filtered

Date Collected: 09/29/16 14:45
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-9

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/03/16 22:47	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/03/16 22:47	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/03/16 22:47	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/03/16 22:47	1
Acetone	**8.0**		5.0	1.1	ug/L			10/03/16 22:47	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/03/16 22:47	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/03/16 22:47	1
Trichlorofluoromethane	0.15	U *	1.0	0.15	ug/L			10/03/16 22:47	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/03/16 22:47	1
Chloroform	0.22	U	1.0	0.22	ug/L			10/03/16 22:47	1
Toluene	0.25	U	1.0	0.25	ug/L			10/03/16 22:47	1
Benzene	0.090	U	1.0	0.090	ug/L			10/03/16 22:47	1

Client Sample ID: MW-6 Filtered

Date Collected: 09/29/16 14:45
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-9

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Freon TF	0.34	U	1.0	0.34	ug/L			10/03/16 22:47	1
Styrene	0.17	U	1.0	0.17	ug/L			10/03/16 22:47	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/03/16 22:47	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/03/16 22:47	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/03/16 22:47	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/03/16 22:47	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/03/16 22:47	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/03/16 22:47	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/03/16 22:47	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/03/16 22:47	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/03/16 22:47	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/03/16 22:47	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/03/16 22:47	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/03/16 22:47	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/03/16 22:47	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/03/16 22:47	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/03/16 22:47	1
2-Butanone	**4.6**	**J**	5.0	2.2	ug/L			10/03/16 22:47	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/03/16 22:47	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/03/16 22:47	1
MTBE	0.13	U	1.0	0.13	ug/L			10/03/16 22:47	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/03/16 22:47	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/03/16 22:47	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/03/16 22:47	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/03/16 22:47	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/03/16 22:47	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/03/16 22:47	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/03/16 22:47	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/03/16 22:47	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/03/16 22:47	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/03/16 22:47	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/03/16 22:47	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/03/16 22:47	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/03/16 22:47	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/03/16 22:47	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/03/16 22:47	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/03/16 22:47	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/03/16 22:47	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/03/16 22:47*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*48 - 130*		*10/03/16 22:47*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/03/16 22:47*	*1*
Bromofluorobenzene	*88*		*71 - 131*		*10/03/16 22:47*	*1*
Dibromofluoromethane (Surr)	*132*	*X*	*80 - 120*		*10/03/16 22:47*	*1*

Client Sample ID: MW-6 Filtered

Date Collected: 09/29/16 14:45
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-9

Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.12	U	1.0	0.12	ug/L		10/03/16 10:31	10/04/16 10:23	1
1,3-Dichlorobenzene	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 10:23	1
1,4-Dichlorobenzene	0.66	U	10	0.66	ug/L		10/03/16 10:31	10/04/16 10:23	1
1,2-Dichlorobenzene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 10:23	1
N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83	ug/L		10/03/16 10:31	10/04/16 10:23	1
Hexachloroethane	0.090	U	1.0	0.090	ug/L		10/03/16 10:31	10/04/16 10:23	1
Nitrobenzene	0.49	U	1.0	0.49	ug/L		10/03/16 10:31	10/04/16 10:23	1
Isophorone	0.67	U	10	0.67	ug/L		10/03/16 10:31	10/04/16 10:23	1
Bis(2-chloroethoxy)methane	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 10:23	1
1,2,4-Trichlorobenzene	0.61	U	1.0	0.61	ug/L		10/03/16 10:31	10/04/16 10:23	1
Naphthalene	0.80	U	10	0.80	ug/L		10/03/16 10:31	10/04/16 10:23	1
4-Chloroaniline	0.73	U	10	0.73	ug/L		10/03/16 10:31	10/04/16 10:23	1
Hexachlorobutadiene	0.76	U	1.0	0.76	ug/L		10/03/16 10:31	10/04/16 10:23	1
2-Methylnaphthalene	0.88	U	10	0.88	ug/L		10/03/16 10:31	10/04/16 10:23	1
Hexachlorocyclopentadiene	0.61	U	10	0.61	ug/L		10/03/16 10:31	10/04/16 10:23	1
2-Chloronaphthalene	0.61	U	10	0.61	ug/L		10/03/16 10:31	10/04/16 10:23	1
2-Nitroaniline	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 10:23	1
Dimethyl phthalate	0.98	U	10	0.98	ug/L		10/03/16 10:31	10/04/16 10:23	1
Acenaphthylene	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 10:23	1
2,6-Dinitrotoluene	0.88	U	2.0	0.88	ug/L		10/03/16 10:31	10/04/16 10:23	1
3-Nitroaniline	0.82	U	10	0.82	ug/L		10/03/16 10:31	10/04/16 10:23	1
Acenaphthene	0.88	U	10	0.88	ug/L		10/03/16 10:31	10/04/16 10:23	1
Dibenzofuran	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 10:23	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		10/03/16 10:31	10/04/16 10:23	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 10:23	1
4-Chlorophenyl phenyl ether	0.96	U	10	0.96	ug/L		10/03/16 10:31	10/04/16 10:23	1
Fluorene	0.80	U	10	0.80	ug/L		10/03/16 10:31	10/04/16 10:23	1
4-Nitroaniline	0.48	U	10	0.48	ug/L		10/03/16 10:31	10/04/16 10:23	1
N-Nitrosodiphenylamine	0.74	U	10	0.74	ug/L		10/03/16 10:31	10/04/16 10:23	1
4-Bromophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 10:23	1
Hexachlorobenzene	0.47	U	1.0	0.47	ug/L		10/03/16 10:31	10/04/16 10:23	1
Phenanthrene	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 10:23	1
Anthracene	0.57	U	10	0.57	ug/L		10/03/16 10:31	10/04/16 10:23	1
Carbazole	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 10:23	1
Di-n-butyl phthalate	0.82	U	10	0.82	ug/L		10/03/16 10:31	10/04/16 10:23	1
Fluoranthene	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 10:23	1
Pyrene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 10:23	1
Butyl benzyl phthalate	0.60	U	10	0.60	ug/L		10/03/16 10:31	10/04/16 10:23	1
3,3'-Dichlorobenzidine	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 10:23	1
Benzo[a]anthracene	0.55	U	1.0	0.55	ug/L		10/03/16 10:31	10/04/16 10:23	1
Chrysene	0.67	U	2.0	0.67	ug/L		10/03/16 10:31	10/04/16 10:23	1
Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72	ug/L		10/03/16 10:31	10/04/16 10:23	1
Di-n-octyl phthalate	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 10:23	1
Benzo[b]fluoranthene	0.44	U	1.0	0.44	ug/L		10/03/16 10:31	10/04/16 10:23	1
Benzo[k]fluoranthene	0.18	U	1.0	0.18	ug/L		10/03/16 10:31	10/04/16 10:23	1
Benzo[a]pyrene	0.16	U	1.0	0.16	ug/L		10/03/16 10:31	10/04/16 10:23	1
Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21	ug/L		10/03/16 10:31	10/04/16 10:23	1
Dibenz(a,h)anthracene	0.090	U	1.0	0.090	ug/L		10/03/16 10:31	10/04/16 10:23	1
Benzo[g,h,i]perylene	0.75	U	10	0.75	ug/L		10/03/16 10:31	10/04/16 10:23	1

Client Sample ID: MW-6 Filtered

Lab Sample ID: 460-121167-9

Date Collected: 09/29/16 14:45

Matrix: Water

Date Received: 09/29/16 20:35

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	0.93	U	10	0.93	ug/L		10/03/16 10:31	10/04/16 10:23	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
2-Pyrrolidinone, 1-methyl-	*29*	*J N*	*ug/L*		*4.71*	*872-50-4*	*10/03/16 10:31*	*10/04/16 10:23*	*1*
7,9-Di-tert-butyl-1-oxaspiro(4,5)deca -6,	*7.3*	*J N*	*ug/L*		*9.45*	*82304-66-3*	*10/03/16 10:31*	*10/04/16 10:23*	*1*
Hexadecanoic acid, butyl ester	*21*	*J N*	*ug/L*		*10.46*	*111-06-8*	*10/03/16 10:31*	*10/04/16 10:23*	*1*
Unknown	*7.3*	*J*	*ug/L*		*10.54*		*10/03/16 10:31*	*10/04/16 10:23*	*1*
Unknown	*17*	*J*	*ug/L*		*11.24*		*10/03/16 10:31*	*10/04/16 10:23*	*1*
Tritetracontane	*6.8*	*J N*	*ug/L*		*13.53*	*7098-21-7*	*10/03/16 10:31*	*10/04/16 10:23*	*1*
Unknown	*8.4*	*J*	*ug/L*		*14.02*		*10/03/16 10:31*	*10/04/16 10:23*	*1*
Unknown	*6.7*	*J*	*ug/L*		*14.54*		*10/03/16 10:31*	*10/04/16 10:23*	*1*
Tetratetracontane	*6.4*	*J N*	*ug/L*		*15.11*	*7098-22-8*	*10/03/16 10:31*	*10/04/16 10:23*	*1*
Unknown	*6.7*	*J*	*ug/L*		*16.11*		*10/03/16 10:31*	*10/04/16 10:23*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*70*		*49 - 125*	*10/03/16 10:31*	*10/04/16 10:23*	*1*
Terphenyl-d14	*70*		*28 - 150*	*10/03/16 10:31*	*10/04/16 10:23*	*1*
2-Fluorobiphenyl	*71*		*44 - 129*	*10/03/16 10:31*	*10/04/16 10:23*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 18:00	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 18:00	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 18:00	1
Aroclor 1242	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 18:00	1
Aroclor 1248	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 18:00	1
Aroclor 1254	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 18:00	1
Aroclor 1260	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 18:00	1
Aroclor 1262	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 18:00	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*101*		*10 - 150*	*10/03/16 13:55*	*10/04/16 18:00*	*1*
DCB Decachlorobiphenyl	*102*		*10 - 150*	*10/03/16 13:55*	*10/04/16 18:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**36.0**		10.0	10.0	mg/L			10/04/16 13:46	1
Total Suspended Solids	1.0	U	1.0	1.0	mg/L			10/04/16 09:41	1

Client Sample ID: MW-8

Lab Sample ID: 460-121167-10

Date Collected: 09/29/16 14:50

Matrix: Water

Date Received: 09/29/16 20:35

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/03/16 23:13	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/03/16 23:13	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/03/16 23:13	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/03/16 23:13	1

Client Sample ID: MW-8

Date Collected: 09/29/16 14:50
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-10

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**8.6**		5.0	1.1	ug/L			10/03/16 23:13	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/03/16 23:13	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/03/16 23:13	1
Trichlorofluoromethane	0.15	U *	1.0	0.15	ug/L			10/03/16 23:13	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/03/16 23:13	1
Chloroform	**0.77**	**J**	1.0	0.22	ug/L			10/03/16 23:13	1
Toluene	**0.86**	**J**	1.0	0.25	ug/L			10/03/16 23:13	1
Benzene	0.090	U	1.0	0.090	ug/L			10/03/16 23:13	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/03/16 23:13	1
Styrene	0.17	U	1.0	0.17	ug/L			10/03/16 23:13	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/03/16 23:13	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/03/16 23:13	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/03/16 23:13	1
Chlorobenzene	**0.50**	**J**	1.0	0.24	ug/L			10/03/16 23:13	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/03/16 23:13	1
1,2,4-Trichlorobenzene	**4.0**		1.0	0.27	ug/L			10/03/16 23:13	1
1,2,3-Trichlorobenzene	**1.5**		1.0	0.35	ug/L			10/03/16 23:13	1
1,2-Dichlorobenzene	**0.36**	**J**	1.0	0.22	ug/L			10/03/16 23:13	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/03/16 23:13	1
1,4-Dichlorobenzene	**0.70**	**J**	1.0	0.33	ug/L			10/03/16 23:13	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/03/16 23:13	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/03/16 23:13	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/03/16 23:13	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/03/16 23:13	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/03/16 23:13	1
2-Butanone	**5.4**		5.0	2.2	ug/L			10/03/16 23:13	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/03/16 23:13	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/03/16 23:13	1
MTBE	0.13	U	1.0	0.13	ug/L			10/03/16 23:13	1
Tetrachloroethene	**0.48**	**J**	1.0	0.12	ug/L			10/03/16 23:13	1
Isopropylbenzene	**1.0**		1.0	0.32	ug/L			10/03/16 23:13	1
Ethylbenzene	**0.86**	**J**	1.0	0.30	ug/L			10/03/16 23:13	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/03/16 23:13	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/03/16 23:13	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/03/16 23:13	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/03/16 23:13	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/03/16 23:13	1
cis-1,2-Dichloroethene	**0.28**	**J**	1.0	0.26	ug/L			10/03/16 23:13	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/03/16 23:13	1
Xylenes, Total	**4.3**		2.0	0.28	ug/L			10/03/16 23:13	1
Trichloroethene	**0.30**	**J**	1.0	0.22	ug/L			10/03/16 23:13	1
Methylcyclohexane	**0.41**	**J**	1.0	0.22	ug/L			10/03/16 23:13	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/03/16 23:13	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/03/16 23:13	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/03/16 23:13	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/03/16 23:13	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzene, 1-ethyl-2-methyl-	*16*	*J N*	*ug/L*		*9.32*	*611-14-3*		*10/03/16 23:13*	*1*
Indane	*11*	*J N*	*ug/L*		*10.47*	*496-11-7*		*10/03/16 23:13*	*1*

Client Sample ID: MW-8

Date Collected: 09/29/16 14:50
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-10

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Benzene, 1,2,3,4-tetramethyl-	15	J N	ug/L		11.83	488-23-3		10/03/16 23:13	1
3-Phenylbut-1-ene	16	J N	ug/L		12.15	934-10-1		10/03/16 23:13	1
Benzene, 1,2,4,5-tetramethyl-	25	J N	ug/L		12.19	95-93-2		10/03/16 23:13	1
Naphthalene, 1,2,3,4-tetrahydro-	9.9	J N	ug/L		12.26	119-64-2		10/03/16 23:13	1
.alpha.,.beta.,.beta.-Trimethylstyrene	8.8	J N	ug/L		12.96	769-57-3		10/03/16 23:13	1
Unknown Aromatic	11	J	ug/L		13.07			10/03/16 23:13	1
Naphthalene, 2-methyl-	10	J N	ug/L		13.35	91-57-6		10/03/16 23:13	1
Naphthalene, 1-methyl-	17	J N	ug/L		13.43	90-12-0		10/03/16 23:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		48 - 130		10/03/16 23:13	1
Toluene-d8 (Surr)	96		80 - 120		10/03/16 23:13	1
Bromofluorobenzene	90		71 - 131		10/03/16 23:13	1
Dibromofluoromethane (Surr)	89		80 - 120		10/03/16 23:13	1

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.13	U	1.0	0.13	ug/L		10/03/16 10:31	10/04/16 10:45	1
1,3-Dichlorobenzene	1.2	U	10	1.2	ug/L		10/03/16 10:31	10/04/16 10:45	1
1,4-Dichlorobenzene	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 10:45	1
1,2-Dichlorobenzene	0.86	U	10	0.86	ug/L		10/03/16 10:31	10/04/16 10:45	1
N-Nitrosodi-n-propylamine	0.86	U	1.0	0.86	ug/L		10/03/16 10:31	10/04/16 10:45	1
Hexachloroethane	0.094	U	1.0	0.094	ug/L		10/03/16 10:31	10/04/16 10:45	1
Nitrobenzene	0.51	U	1.0	0.51	ug/L		10/03/16 10:31	10/04/16 10:45	1
Isophorone	0.70	U	10	0.70	ug/L		10/03/16 10:31	10/04/16 10:45	1
Bis(2-chloroethoxy)methane	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 10:45	1
1,2,4-Trichlorobenzene	**4.3**		1.0	0.64	ug/L		10/03/16 10:31	10/04/16 10:45	1
Naphthalene	**9.5**	**J**	10	0.83	ug/L		10/03/16 10:31	10/04/16 10:45	1
4-Chloroaniline	0.76	U	10	0.76	ug/L		10/03/16 10:31	10/04/16 10:45	1
Hexachlorobutadiene	0.79	U	1.0	0.79	ug/L		10/03/16 10:31	10/04/16 10:45	1
2-Methylnaphthalene	**6.6**	**J**	10	0.92	ug/L		10/03/16 10:31	10/04/16 10:45	1
Hexachlorocyclopentadiene	0.64	U	10	0.64	ug/L		10/03/16 10:31	10/04/16 10:45	1
2-Chloronaphthalene	0.64	U	10	0.64	ug/L		10/03/16 10:31	10/04/16 10:45	1
2-Nitroaniline	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 10:45	1
Dimethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 10:45	1
Acenaphthylene	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 10:45	1
2,6-Dinitrotoluene	0.92	U	2.1	0.92	ug/L		10/03/16 10:31	10/04/16 10:45	1
3-Nitroaniline	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 10:45	1
Acenaphthene	**2.0**	**J**	10	0.92	ug/L		10/03/16 10:31	10/04/16 10:45	1
Dibenzofuran	0.89	U	10	0.89	ug/L		10/03/16 10:31	10/04/16 10:45	1
2,4-Dinitrotoluene	1.1	U	2.1	1.1	ug/L		10/03/16 10:31	10/04/16 10:45	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 10:45	1
4-Chlorophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 10:45	1
Fluorene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 10:45	1
4-Nitroaniline	0.50	U	10	0.50	ug/L		10/03/16 10:31	10/04/16 10:45	1
N-Nitrosodiphenylamine	0.77	U	10	0.77	ug/L		10/03/16 10:31	10/04/16 10:45	1
4-Bromophenyl phenyl ether	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 10:45	1
Hexachlorobenzene	0.49	U	1.0	0.49	ug/L		10/03/16 10:31	10/04/16 10:45	1
Phenanthrene	0.68	U	10	0.68	ug/L		10/03/16 10:31	10/04/16 10:45	1

Client Sample ID: MW-8
Date Collected: 09/29/16 14:50
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-10
Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.59	U	10	0.59	ug/L		10/03/16 10:31	10/04/16 10:45	1
Carbazole	0.89	U	10	0.89	ug/L		10/03/16 10:31	10/04/16 10:45	1
Di-n-butyl phthalate	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 10:45	1
Fluoranthene	0.75	U	10	0.75	ug/L		10/03/16 10:31	10/04/16 10:45	1
Pyrene	0.86	U	10	0.86	ug/L		10/03/16 10:31	10/04/16 10:45	1
Butyl benzyl phthalate	0.63	U	10	0.63	ug/L		10/03/16 10:31	10/04/16 10:45	1
3,3'-Dichlorobenzidine	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 10:45	1
Benzo[a]anthracene	0.57	U	1.0	0.57	ug/L		10/03/16 10:31	10/04/16 10:45	1
Chrysene	0.70	U	2.1	0.70	ug/L		10/03/16 10:31	10/04/16 10:45	1
Bis(2-ethylhexyl) phthalate	0.75	U	2.1	0.75	ug/L		10/03/16 10:31	10/04/16 10:45	1
Di-n-octyl phthalate	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 10:45	1
Benzo[b]fluoranthene	0.46	U	1.0	0.46	ug/L		10/03/16 10:31	10/04/16 10:45	1
Benzo[k]fluoranthene	0.19	U	1.0	0.19	ug/L		10/03/16 10:31	10/04/16 10:45	1
Benzo[a]pyrene	0.17	U	1.0	0.17	ug/L		10/03/16 10:31	10/04/16 10:45	1
Indeno[1,2,3-cd]pyrene	0.22	U	1.0	0.22	ug/L		10/03/16 10:31	10/04/16 10:45	1
Dibenz(a,h)anthracene	0.094	U	1.0	0.094	ug/L		10/03/16 10:31	10/04/16 10:45	1
Benzo[g,h,i]perylene	0.78	U	10	0.78	ug/L		10/03/16 10:31	10/04/16 10:45	1
bis (2-chloroisopropyl) ether	0.97	U	10	0.97	ug/L		10/03/16 10:31	10/04/16 10:45	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dimethylstyrene	*22*	*J N*	*ug/L*		*5.59*	*2234-20-0*	*10/03/16 10:31*	*10/04/16 10:45*	*1*
Unknown	*20*	*J*	*ug/L*		*6.27*		*10/03/16 10:31*	*10/04/16 10:45*	*1*
Bicyclo[4.4.1]undeca-1,3,5,7,9-pentaene	*18*	*J N*	*ug/L*		*6.66*	*2443-46-1*	*10/03/16 10:31*	*10/04/16 10:45*	*1*
Unknown	*24*	*J*	*ug/L*		*7.03*		*10/03/16 10:31*	*10/04/16 10:45*	*1*
Unknown	*29*	*J*	*ug/L*		*7.26*		*10/03/16 10:31*	*10/04/16 10:45*	*1*
Unknown	*19*	*J*	*ug/L*		*7.30*		*10/03/16 10:31*	*10/04/16 10:45*	*1*
Unknown	*26*	*J*	*ug/L*		*7.69*		*10/03/16 10:31*	*10/04/16 10:45*	*1*
Unknown	*66*	*J*	*ug/L*		*7.91*		*10/03/16 10:31*	*10/04/16 10:45*	*1*
Unknown	*18*	*J*	*ug/L*		*7.98*		*10/03/16 10:31*	*10/04/16 10:45*	*1*
Unknown	*19*	*J*	*ug/L*		*8.03*		*10/03/16 10:31*	*10/04/16 10:45*	*1*
Unknown	*29*	*J*	*ug/L*		*8.45*		*10/03/16 10:31*	*10/04/16 10:45*	*1*
Unknown	*28*	*J*	*ug/L*		*8.74*		*10/03/16 10:31*	*10/04/16 10:45*	*1*
Unknown	*31*	*J*	*ug/L*		*8.94*		*10/03/16 10:31*	*10/04/16 10:45*	*1*
Hexadecanoic acid, 1,1-dimethylethyl est	*27*	*J N*	*ug/L*		*10.47*	*31158-91-5*	*10/03/16 10:31*	*10/04/16 10:45*	*1*
Unknown	*18*	*J*	*ug/L*		*11.25*		*10/03/16 10:31*	*10/04/16 10:45*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*77*		*49 - 125*	*10/03/16 10:31*	*10/04/16 10:45*	*1*
Terphenyl-d14	*73*		*28 - 150*	*10/03/16 10:31*	*10/04/16 10:45*	*1*
2-Fluorobiphenyl	*83*		*44 - 129*	*10/03/16 10:31*	*10/04/16 10:45*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 10:14	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 10:14	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 10:14	1
Aroclor 1242	**0.62**		0.40	0.098	ug/L		10/03/16 13:55	10/05/16 10:14	1
Aroclor 1248	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 10:14	1
Aroclor 1254	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 10:14	1

Client Sample ID: MW-8

Lab Sample ID: 460-121167-10

Date Collected: 09/29/16 14:50

Matrix: Water

Date Received: 09/29/16 20:35

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1260	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 10:14	1
Aroclor 1262	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 10:14	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 10:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*66*		*10 - 150*	*10/03/16 13:55*	*10/05/16 10:14*	*1*
DCB Decachlorobiphenyl	*85*		*10 - 150*	*10/03/16 13:55*	*10/05/16 10:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**145**		10.0	10.0	mg/L			10/04/16 13:46	1
Total Suspended Solids	**6.4**		1.0	1.0	mg/L			10/04/16 09:41	1

Client Sample ID: FB-20160929

Lab Sample ID: 460-121167-11

Date Collected: 09/29/16 15:40

Matrix: Water

Date Received: 09/29/16 20:35

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/02/16 19:51	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/02/16 19:51	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/02/16 19:51	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 19:51	1
Acetone	1.1	U	5.0	1.1	ug/L			10/02/16 19:51	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/02/16 19:51	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/02/16 19:51	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/02/16 19:51	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/02/16 19:51	1
Chloroform	0.22	U	1.0	0.22	ug/L			10/02/16 19:51	1
Toluene	0.25	U	1.0	0.25	ug/L			10/02/16 19:51	1
Benzene	0.090	U	1.0	0.090	ug/L			10/02/16 19:51	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/02/16 19:51	1
Styrene	0.17	U	1.0	0.17	ug/L			10/02/16 19:51	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/02/16 19:51	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/02/16 19:51	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/02/16 19:51	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/02/16 19:51	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/02/16 19:51	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/02/16 19:51	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/02/16 19:51	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/02/16 19:51	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 19:51	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 19:51	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/02/16 19:51	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/02/16 19:51	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/02/16 19:51	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/02/16 19:51	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/02/16 19:51	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/02/16 19:51	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/02/16 19:51	1

Client Sample ID: FB-20160929

Date Collected: 09/29/16 15:40
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-11

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/02/16 19:51	1
MTBE	0.13	U	1.0	0.13	ug/L			10/02/16 19:51	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/02/16 19:51	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/02/16 19:51	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/02/16 19:51	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/02/16 19:51	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/02/16 19:51	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/02/16 19:51	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/02/16 19:51	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/02/16 19:51	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/02/16 19:51	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/02/16 19:51	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/02/16 19:51	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/02/16 19:51	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/02/16 19:51	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/02/16 19:51	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/02/16 19:51	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 19:51	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/02/16 19:51	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/02/16 19:51*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*48 - 130*		*10/02/16 19:51*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*10/02/16 19:51*	*1*
Bromofluorobenzene	*91*		*71 - 131*		*10/02/16 19:51*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*10/02/16 19:51*	*1*

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.12	U	1.0	0.12	ug/L		10/03/16 20:21	10/04/16 13:43	1
1,3-Dichlorobenzene	1.1	U	10	1.1	ug/L		10/03/16 20:21	10/04/16 13:43	1
1,4-Dichlorobenzene	0.66	U	10	0.66	ug/L		10/03/16 20:21	10/04/16 13:43	1
1,2-Dichlorobenzene	0.83	U	10	0.83	ug/L		10/03/16 20:21	10/04/16 13:43	1
N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83	ug/L		10/03/16 20:21	10/04/16 13:43	1
Hexachloroethane	0.090	U	1.0	0.090	ug/L		10/03/16 20:21	10/04/16 13:43	1
Nitrobenzene	0.49	U	1.0	0.49	ug/L		10/03/16 20:21	10/04/16 13:43	1
Isophorone	0.67	U	10	0.67	ug/L		10/03/16 20:21	10/04/16 13:43	1
Bis(2-chloroethoxy)methane	0.69	U	10	0.69	ug/L		10/03/16 20:21	10/04/16 13:43	1
1,2,4-Trichlorobenzene	0.61	U	1.0	0.61	ug/L		10/03/16 20:21	10/04/16 13:43	1
Naphthalene	0.80	U	10	0.80	ug/L		10/03/16 20:21	10/04/16 13:43	1
4-Chloroaniline	0.73	U	10	0.73	ug/L		10/03/16 20:21	10/04/16 13:43	1
Hexachlorobutadiene	0.76	U	1.0	0.76	ug/L		10/03/16 20:21	10/04/16 13:43	1
2-Methylnaphthalene	0.88	U	10	0.88	ug/L		10/03/16 20:21	10/04/16 13:43	1
Hexachlorocyclopentadiene	0.61	U	10	0.61	ug/L		10/03/16 20:21	10/04/16 13:43	1
2-Chloronaphthalene	0.61	U	10	0.61	ug/L		10/03/16 20:21	10/04/16 13:43	1
2-Nitroaniline	0.65	U	10	0.65	ug/L		10/03/16 20:21	10/04/16 13:43	1
Dimethyl phthalate	0.98	U	10	0.98	ug/L		10/03/16 20:21	10/04/16 13:43	1
Acenaphthylene	0.65	U	10	0.65	ug/L		10/03/16 20:21	10/04/16 13:43	1

Client Sample ID: FB-20160929

Date Collected: 09/29/16 15:40
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-11

Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	0.88	U	2.0	0.88	ug/L		10/03/16 20:21	10/04/16 13:43	1
3-Nitroaniline	0.82	U	10	0.82	ug/L		10/03/16 20:21	10/04/16 13:43	1
Acenaphthene	0.88	U	10	0.88	ug/L		10/03/16 20:21	10/04/16 13:43	1
Dibenzofuran	0.85	U	10	0.85	ug/L		10/03/16 20:21	10/04/16 13:43	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		10/03/16 20:21	10/04/16 13:43	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 20:21	10/04/16 13:43	1
4-Chlorophenyl phenyl ether	0.96	U	10	0.96	ug/L		10/03/16 20:21	10/04/16 13:43	1
Fluorene	0.80	U	10	0.80	ug/L		10/03/16 20:21	10/04/16 13:43	1
4-Nitroaniline	0.48	U	10	0.48	ug/L		10/03/16 20:21	10/04/16 13:43	1
N-Nitrosodiphenylamine	0.74	U	10	0.74	ug/L		10/03/16 20:21	10/04/16 13:43	1
4-Bromophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/03/16 20:21	10/04/16 13:43	1
Hexachlorobenzene	0.47	U	1.0	0.47	ug/L		10/03/16 20:21	10/04/16 13:43	1
Phenanthrene	0.65	U	10	0.65	ug/L		10/03/16 20:21	10/04/16 13:43	1
Anthracene	0.57	U	10	0.57	ug/L		10/03/16 20:21	10/04/16 13:43	1
Carbazole	0.85	U *	10	0.85	ug/L		10/03/16 20:21	10/04/16 13:43	1
Di-n-butyl phthalate	0.82	U	10	0.82	ug/L		10/03/16 20:21	10/04/16 13:43	1
Fluoranthene	0.72	U	10	0.72	ug/L		10/03/16 20:21	10/04/16 13:43	1
Pyrene	0.83	U	10	0.83	ug/L		10/03/16 20:21	10/04/16 13:43	1
Butyl benzyl phthalate	0.60	U	10	0.60	ug/L		10/03/16 20:21	10/04/16 13:43	1
3,3'-Dichlorobenzidine	1.0	U	10	1.0	ug/L		10/03/16 20:21	10/04/16 13:43	1
Benzo[a]anthracene	0.55	U	1.0	0.55	ug/L		10/03/16 20:21	10/04/16 13:43	1
Chrysene	0.67	U	2.0	0.67	ug/L		10/03/16 20:21	10/04/16 13:43	1
Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72	ug/L		10/03/16 20:21	10/04/16 13:43	1
Di-n-octyl phthalate	0.69	U	10	0.69	ug/L		10/03/16 20:21	10/04/16 13:43	1
Benzo[b]fluoranthene	0.44	U	1.0	0.44	ug/L		10/03/16 20:21	10/04/16 13:43	1
Benzo[k]fluoranthene	0.18	U	1.0	0.18	ug/L		10/03/16 20:21	10/04/16 13:43	1
Benzo[a]pyrene	0.16	U	1.0	0.16	ug/L		10/03/16 20:21	10/04/16 13:43	1
Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21	ug/L		10/03/16 20:21	10/04/16 13:43	1
Dibenz(a,h)anthracene	0.090	U	1.0	0.090	ug/L		10/03/16 20:21	10/04/16 13:43	1
Benzo[g,h,i]perylene	0.75	U	10	0.75	ug/L		10/03/16 20:21	10/04/16 13:43	1
bis (2-chloroisopropyl) ether	0.93	U	10	0.93	ug/L		10/03/16 20:21	10/04/16 13:43	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*14*	*J*	*ug/L*		*5.39*		*10/03/16 20:21*	*10/04/16 13:43*	*1*
Unknown	*45*	*J*	*ug/L*		*7.57*		*10/03/16 20:21*	*10/04/16 13:43*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*66*		*49 - 125*	*10/03/16 20:21*	*10/04/16 13:43*	*1*
Terphenyl-d14	*62*		*28 - 150*	*10/03/16 20:21*	*10/04/16 13:43*	*1*
2-Fluorobiphenyl	*69*		*44 - 129*	*10/03/16 20:21*	*10/04/16 13:43*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 18:30	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 18:30	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 18:30	1
Aroclor 1242	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 18:30	1
Aroclor 1248	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 18:30	1
Aroclor 1254	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 18:30	1
Aroclor 1260	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 18:30	1

Client Sample ID: FB-20160929

Lab Sample ID: 460-121167-11

Date Collected: 09/29/16 15:40

Matrix: Water

Date Received: 09/29/16 20:35

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1262	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 18:30	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*108*		*10 - 150*	*10/03/16 13:55*	*10/04/16 18:30*	*1*
DCB Decachlorobiphenyl	*107*		*10 - 150*	*10/03/16 13:55*	*10/04/16 18:30*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	0.10	U	0.10	0.10	mg/L			10/05/16 13:20	1
Total Suspended Solids	1.0	U	1.0	1.0	mg/L			10/04/16 09:41	1

Client Sample ID: Trip Blank

Lab Sample ID: 460-121167-12

Date Collected: 09/29/16 00:00

Matrix: Water

Date Received: 09/29/16 20:35

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/02/16 20:13	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/02/16 20:13	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/02/16 20:13	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 20:13	1
Acetone	1.1	U	5.0	1.1	ug/L			10/02/16 20:13	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/02/16 20:13	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/02/16 20:13	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/02/16 20:13	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/02/16 20:13	1
Chloroform	0.22	U	1.0	0.22	ug/L			10/02/16 20:13	1
Toluene	0.25	U	1.0	0.25	ug/L			10/02/16 20:13	1
Benzene	0.090	U	1.0	0.090	ug/L			10/02/16 20:13	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/02/16 20:13	1
Styrene	0.17	U	1.0	0.17	ug/L			10/02/16 20:13	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/02/16 20:13	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/02/16 20:13	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/02/16 20:13	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/02/16 20:13	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/02/16 20:13	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/02/16 20:13	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/02/16 20:13	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/02/16 20:13	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 20:13	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 20:13	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/02/16 20:13	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/02/16 20:13	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/02/16 20:13	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/02/16 20:13	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/02/16 20:13	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/02/16 20:13	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/02/16 20:13	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/02/16 20:13	1

Client Sample ID: Trip Blank

Date Collected: 09/29/16 00:00
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-12

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
MTBE	0.13	U	1.0	0.13	ug/L			10/02/16 20:13	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/02/16 20:13	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/02/16 20:13	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/02/16 20:13	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/02/16 20:13	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/02/16 20:13	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/02/16 20:13	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/02/16 20:13	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/02/16 20:13	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/02/16 20:13	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/02/16 20:13	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/02/16 20:13	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/02/16 20:13	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/02/16 20:13	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/02/16 20:13	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/02/16 20:13	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 20:13	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/02/16 20:13	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/02/16 20:13*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*48 - 130*		*10/02/16 20:13*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*10/02/16 20:13*	*1*
Bromofluorobenzene	*91*		*71 - 131*		*10/02/16 20:13*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*10/02/16 20:13*	*1*

Surrogate Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-121167-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	12DCE (48-130)	TOL (80-120)	BFB (71-131)	DBFM (80-120)
460-121138-B-1 MS	Matrix Spike	109	101	91	99
460-121138-B-1 MSD	Matrix Spike Duplicate	109	105	92	99
460-121167-1	MW-13D	110	103	91	100
460-121167-2	MW-7B	112	103	90	101
460-121167-3	MW-7D	112	103	91	101
460-121167-4	MW-13	112	103	92	103
460-121167-5	MW-8D	101	100	88	99
460-121167-6	MW-3	100	103	87	149 X
460-121167-6 MS	MW-3	93	97	114	74 X
460-121167-6 MSD	MW-3	109	97	93	105
460-121167-7	MW-3 Filtered	92	96	84	89
460-121167-8	MW-6	111	103	91	101
460-121167-9	MW-6 Filtered	118	96	88	132 X
460-121167-10	MW-8	88	96	90	89
460-121167-11	FB-20160929	113	104	91	101
460-121167-12	Trip Blank	111	104	91	100
460-121202-A-4 MS	Matrix Spike	106	99	87	99
460-121202-A-4 MSD	Matrix Spike Duplicate	104	102	91	102
LCS 460-394312/4	Lab Control Sample	107	104	92	100
LCS 460-394593/5	Lab Control Sample	94	98	94	107
LCS 460-394701/5	Lab Control Sample	88	99	96	82
MB 460-394312/7	Method Blank	108	104	91	99
MB 460-394593/8	Method Blank	91	100	97	102
MB 460-394701/8	Method Blank	98	91	87	116

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	NBZ (49-125)	TPH (28-150)	FBP (44-129)
460-121167-1	MW-13D	65	72	64
460-121167-2	MW-7B	73	75	74
460-121167-3	MW-7D	71	73	77
460-121167-4	MW-13	79	80	76
460-121167-5	MW-8D	67	76	73
460-121167-6	MW-3	73	80	78
460-121167-7	MW-3 Filtered	68	73	67
460-121167-8	MW-6	67	72	70
460-121167-9	MW-6 Filtered	70	70	71
460-121167-10	MW-8	77	73	83
460-121167-11	FB-20160929	66	62	69
LCS 460-394513/2-A	Lab Control Sample	74	88	81

Surrogate Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-121167-1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		NBZ	TPH	FBP
Lab Sample ID	Client Sample ID	(49-125)	(28-150)	(44-129)
LCS 460-394654/2-A	Lab Control Sample	59	63	62
LCSD 460-394513/3-A	Lab Control Sample Dup	74	84	80
LCSD 460-394654/3-A	Lab Control Sample Dup	68	67	60
MB 460-394513/1-A	Method Blank	76	79	71
MB 460-394654/1-A	Method Blank	55	59	51

Surrogate Legend

NBZ = Nitrobenzene-d5
TPH = Terphenyl-d14
FBP = 2-Fluorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB1	DCB2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)
460-121167-1	MW-13D	104	106
460-121167-2	MW-7B	103	105
460-121167-3	MW-7D	101	109
460-121167-4 - DL	MW-13	110 D	123 D
460-121167-5	MW-8D	101	103
460-121167-6	MW-3	94	88
460-121167-7	MW-3 Filtered	105	100
460-121167-8	MW-6	95	94
460-121167-9	MW-6 Filtered	101	102
460-121167-10	MW-8	66	85
460-121167-11	FB-20160929	108	107
LCS 460-394557/2-A	Lab Control Sample	95	100
LCS 460-394557/2-A - RA	Lab Control Sample	94	99
LCSD 460-394557/3-A	Lab Control Sample Dup	87	91
LCSD 460-394557/3-A - RA	Lab Control Sample Dup	85	88
MB 460-394557/1-A	Method Blank	105	113
MB 460-394557/1-A - RA	Method Blank	105	110

Surrogate Legend

DCB = DCB Decachlorobiphenyl

Method: 624 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-394312/7
Matrix: Water
Analysis Batch: 394312

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/02/16 08:31	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/02/16 08:31	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/02/16 08:31	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 08:31	1
Acetone	1.1	U	5.0	1.1	ug/L			10/02/16 08:31	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/02/16 08:31	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/02/16 08:31	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/02/16 08:31	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/02/16 08:31	1
Chloroform	0.22	U	1.0	0.22	ug/L			10/02/16 08:31	1
Toluene	0.25	U	1.0	0.25	ug/L			10/02/16 08:31	1
Benzene	0.090	U	1.0	0.090	ug/L			10/02/16 08:31	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/02/16 08:31	1
Styrene	0.17	U	1.0	0.17	ug/L			10/02/16 08:31	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/02/16 08:31	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/02/16 08:31	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/02/16 08:31	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/02/16 08:31	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/02/16 08:31	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/02/16 08:31	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/02/16 08:31	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/02/16 08:31	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 08:31	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/02/16 08:31	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/02/16 08:31	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/02/16 08:31	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/02/16 08:31	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/02/16 08:31	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/02/16 08:31	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/02/16 08:31	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/02/16 08:31	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/02/16 08:31	1
MTBE	0.13	U	1.0	0.13	ug/L			10/02/16 08:31	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/02/16 08:31	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/02/16 08:31	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/02/16 08:31	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/02/16 08:31	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/02/16 08:31	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/02/16 08:31	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/02/16 08:31	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/02/16 08:31	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/02/16 08:31	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/02/16 08:31	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/02/16 08:31	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/02/16 08:31	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/02/16 08:31	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/02/16 08:31	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/02/16 08:31	1

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-394312/7
Matrix: Water
Analysis Batch: 394312

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/02/16 08:31	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/02/16 08:31	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/02/16 08:31*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*48 - 130*		*10/02/16 08:31*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*10/02/16 08:31*	*1*
Bromofluorobenzene	*91*		*71 - 131*		*10/02/16 08:31*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*10/02/16 08:31*	*1*

Lab Sample ID: LCS 460-394312/4
Matrix: Water
Analysis Batch: 394312

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethyl Chloride	20.0	18.4		ug/L		92	14 - 230
Vinyl chloride	20.0	19.6		ug/L		98	0 - 251
Bromomethane	20.0	17.8		ug/L		89	0 - 242
Chloromethane	20.0	19.4		ug/L		97	0 - 273
Acetone	100	104		ug/L		104	48 - 143
Carbon disulfide	20.0	18.7		ug/L		94	51 - 144
Methylene Chloride	20.0	21.4		ug/L		107	0 - 221
Trichlorofluoromethane	20.0	18.5		ug/L		93	17 - 181
1,1-Dichloroethene	20.0	18.4		ug/L		92	0 - 234
Chloroform	20.0	20.7		ug/L		103	51 - 138
Toluene	20.0	19.9		ug/L		99	78 - 120
Benzene	20.0	20.5		ug/L		103	37 - 151
Freon TF	20.0	19.4		ug/L		97	48 - 150
Styrene	20.0	19.4		ug/L		97	80 - 126
Bromoform	20.0	15.4		ug/L		77	45 - 169
Cyclohexane	20.0	21.3		ug/L		106	59 - 150
Carbon tetrachloride	20.0	18.0		ug/L		90	70 - 140
Chlorobenzene	20.0	19.9		ug/L		99	37 - 160
1,1,2,2-Tetrachloroethane	20.0	22.1		ug/L		111	46 - 147
1,2,4-Trichlorobenzene	20.0	21.2		ug/L		106	64 - 124
1,2,3-Trichlorobenzene	20.0	23.9		ug/L		119	56 - 136
1,2-Dichlorobenzene	20.0	21.2		ug/L		106	18 - 190
1,3-Dichlorobenzene	20.0	20.8		ug/L		104	59 - 156
1,4-Dichlorobenzene	20.0	20.5		ug/L		102	18 - 190
1,2-Dibromo-3-Chloropropane	20.0	21.8		ug/L		109	48 - 129
1,1,2-Trichloroethane	20.0	21.3		ug/L		106	52 - 150
4-Methyl-2-pentanone	100	99.1		ug/L		99	73 - 124
p-Dioxane	400	490		ug/L		122	71 - 150
1,2-Dichloroethane	20.0	20.6		ug/L		103	49 - 155
2-Butanone	100	93.0		ug/L		93	57 - 144

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-394312/4
Matrix: Water
Analysis Batch: 394312

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	20.0	21.1		ug/L		105	59 - 155
2-Hexanone	100	100		ug/L		100	60 - 137
MTBE	20.0	21.1		ug/L		106	63 - 128
Tetrachloroethene	20.0	18.1		ug/L		90	78 - 121
Isopropylbenzene	20.0	19.7		ug/L		98	80 - 120
Ethylbenzene	20.0	19.7		ug/L		98	37 - 162
Bromodichloromethane	20.0	18.4		ug/L		92	35 - 155
Dichlorodifluoromethane	20.0	18.2		ug/L		91	50 - 127
Methyl acetate	100	113		ug/L		113	39 - 150
trans-1,3-Dichloropropene	20.0	18.8		ug/L		94	17 - 183
trans-1,2-Dichloroethene	20.0	19.5		ug/L		98	54 - 156
cis-1,2-Dichloroethene	20.0	20.1		ug/L		101	80 - 120
cis-1,3-Dichloropropene	20.0	19.7		ug/L		99	0 - 227
Xylenes, Total	40.0	38.9		ug/L		97	80 - 120
Trichloroethene	20.0	18.9		ug/L		95	71 - 157
Methylcyclohexane	20.0	20.0		ug/L		100	77 - 150
1,1,1-Trichloroethane	20.0	18.9		ug/L		95	52 - 162
1,2-Dichloropropane	20.0	19.9		ug/L		100	0 - 210
Dibromochloromethane	20.0	17.7		ug/L		88	53 - 149
1,2-Dibromoethane	20.0	20.7		ug/L		103	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*48 - 130*
Toluene-d8 (Surr)	*104*		*80 - 120*
Bromofluorobenzene	*92*		*71 - 131*
Dibromofluoromethane (Surr)	*100*		*80 - 120*

Lab Sample ID: 460-121138-B-1 MS
Matrix: Water
Analysis Batch: 394312

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethyl Chloride	0.37	U	200	172		ug/L		86	14 - 230
Vinyl chloride	0.060	U	200	169		ug/L		84	0 - 251
Bromomethane	0.18	U	200	167		ug/L		84	0 - 242
Chloromethane	0.22	U	200	164		ug/L		82	0 - 273
Acetone	1.1	U	1000	832		ug/L		83	48 - 143
Carbon disulfide	0.22	U F2	200	128		ug/L		64	51 - 144
Methylene Chloride	0.21	U	200	192		ug/L		96	0 - 221
Trichlorofluoromethane	0.15	U	200	155		ug/L		77	17 - 181
1,1-Dichloroethene	0.34	U	200	176		ug/L		88	0 - 234
Chloroform	0.22	U	200	193		ug/L		97	51 - 138
Toluene	0.25	U	200	184		ug/L		92	78 - 120
Benzene	0.090	U	200	190		ug/L		95	37 - 151
Freon TF	0.34	U	200	164		ug/L		82	48 - 150
Styrene	0.17	U	200	176		ug/L		88	80 - 126
Bromoform	0.18	U F2	200	112		ug/L		56	45 - 169
Cyclohexane	0.26	U	200	188		ug/L		94	59 - 150

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-121138-B-1 MS
Matrix: Water
Analysis Batch: 394312

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	0.33	U	200	161		ug/L		80	70 - 140
Chlorobenzene	0.24	U	200	185		ug/L		92	37 - 160
1,1,2,2-Tetrachloroethane	0.19	U	200	210		ug/L		105	46 - 147
1,2,4-Trichlorobenzene	0.27	U	200	157		ug/L		79	64 - 124
1,2,3-Trichlorobenzene	0.35	U F2	200	153		ug/L		76	56 - 136
1,2-Dichlorobenzene	0.22	U	200	190		ug/L		95	18 - 190
1,3-Dichlorobenzene	0.33	U	200	191		ug/L		95	59 - 156
1,4-Dichlorobenzene	0.33	U	200	188		ug/L		94	18 - 190
1,2-Dibromo-3-Chloropropane	0.23	U	200	178		ug/L		89	48 - 129
1,1,2-Trichloroethane	0.080	U	200	194		ug/L		97	52 - 150
4-Methyl-2-pentanone	0.63	U	1000	897		ug/L		90	73 - 124
p-Dioxane	8.7	U	4000	4260		ug/L		106	71 - 150
1,2-Dichloroethane	0.25	U	200	200		ug/L		100	49 - 155
2-Butanone	2.2	U	1000	836		ug/L		84	57 - 144
1,1-Dichloroethane	0.24	U	200	199		ug/L		99	59 - 155
2-Hexanone	0.72	U	1000	907		ug/L		91	60 - 137
MTBE	0.13	U	200	189		ug/L		95	63 - 128
Tetrachloroethene	0.12	U	200	165		ug/L		82	78 - 121
Isopropylbenzene	0.32	U	200	177		ug/L		89	80 - 120
Ethylbenzene	0.30	U	200	182		ug/L		91	37 - 162
Bromodichloromethane	0.15	U	200	161		ug/L		80	35 - 155
Dichlorodifluoromethane	0.14	U	200	130		ug/L		65	50 - 127
Methyl acetate	0.58	U	1000	1040		ug/L		104	39 - 150
trans-1,3-Dichloropropene	0.19	U	200	160		ug/L		80	17 - 183
trans-1,2-Dichloroethene	0.18	U	200	185		ug/L		93	54 - 156
cis-1,2-Dichloroethene	0.26	U	200	187		ug/L		94	80 - 120
cis-1,3-Dichloropropene	0.16	U	200	163		ug/L		82	0 - 227
Xylenes, Total	0.28	U	400	362		ug/L		91	80 - 120
Trichloroethene	0.22	U	200	181		ug/L		90	71 - 157
Methylcyclohexane	0.22	U	200	170		ug/L		85	77 - 150
1,1,1-Trichloroethane	0.28	U	200	176		ug/L		88	52 - 162
1,2-Dichloropropane	0.18	U	200	185		ug/L		93	0 - 210
Dibromochloromethane	0.22	U	200	143		ug/L		71	53 - 149
1,2-Dibromoethane	0.19	U	200	191		ug/L		95	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*48 - 130*
Toluene-d8 (Surr)	*101*		*80 - 120*
Bromofluorobenzene	*91*		*71 - 131*
Dibromofluoromethane (Surr)	*99*		*80 - 120*

Lab Sample ID: 460-121138-B-1 MSD
Matrix: Water
Analysis Batch: 394312

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethyl Chloride	0.37	U	200	220		ug/L		110	14 - 230	25	30
Vinyl chloride	0.060	U	200	212		ug/L		106	0 - 251	23	30

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-121138-B-1 MSD
Matrix: Water
Analysis Batch: 394312

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromomethane	0.18	U	200	210		ug/L		105	0 - 242	23	30
Chloromethane	0.22	U	200	208		ug/L		104	0 - 273	24	30
Acetone	1.1	U	1000	984		ug/L		98	48 - 143	17	30
Carbon disulfide	0.22	U F2	200	176	F2	ug/L		88	51 - 144	31	30
Methylene Chloride	0.21	U	200	230		ug/L		115	0 - 221	18	30
Trichlorofluoromethane	0.15	U	200	204		ug/L		102	17 - 181	27	30
1,1-Dichloroethene	0.34	U	200	210		ug/L		105	0 - 234	18	30
Chloroform	0.22	U	200	236		ug/L		118	51 - 138	20	30
Toluene	0.25	U	200	232		ug/L		116	78 - 120	23	30
Benzene	0.090	U	200	241		ug/L		120	37 - 151	24	30
Freon TF	0.34	U	200	204		ug/L		102	48 - 150	22	30
Styrene	0.17	U	200	220		ug/L		110	80 - 126	22	30
Bromoform	0.18	U F2	200	154	F2	ug/L		77	45 - 169	31	30
Cyclohexane	0.26	U	200	232		ug/L		116	59 - 150	21	30
Carbon tetrachloride	0.33	U	200	205		ug/L		103	70 - 140	24	30
Chlorobenzene	0.24	U	200	227		ug/L		113	37 - 160	21	30
1,1,2,2-Tetrachloroethane	0.19	U	200	250		ug/L		125	46 - 147	17	30
1,2,4-Trichlorobenzene	0.27	U	200	210		ug/L		105	64 - 124	29	30
1,2,3-Trichlorobenzene	0.35	U F2	200	234	F2	ug/L		117	56 - 136	42	30
1,2-Dichlorobenzene	0.22	U	200	235		ug/L		117	18 - 190	21	30
1,3-Dichlorobenzene	0.33	U	200	229		ug/L		114	59 - 156	18	30
1,4-Dichlorobenzene	0.33	U	200	229		ug/L		114	18 - 190	19	30
1,2-Dibromo-3-Chloropropane	0.23	U	200	232		ug/L		116	48 - 129	26	30
1,1,2-Trichloroethane	0.080	U	200	240		ug/L		120	52 - 150	21	30
4-Methyl-2-pentanone	0.63	U	1000	1110		ug/L		111	73 - 124	21	30
p-Dioxane	8.7	U	4000	5470		ug/L		137	71 - 150	25	30
1,2-Dichloroethane	0.25	U	200	241		ug/L		121	49 - 155	19	30
2-Butanone	2.2	U	1000	1040		ug/L		104	57 - 144	21	30
1,1-Dichloroethane	0.24	U	200	243		ug/L		122	59 - 155	20	30
2-Hexanone	0.72	U	1000	1110		ug/L		111	60 - 137	20	30
MTBE	0.13	U	200	229		ug/L		114	63 - 128	19	30
Tetrachloroethene	0.12	U	200	208		ug/L		104	78 - 121	23	30
Isopropylbenzene	0.32	U	200	221		ug/L		111	80 - 120	22	30
Ethylbenzene	0.30	U	200	227		ug/L		113	37 - 162	22	30
Bromodichloromethane	0.15	U	200	204		ug/L		102	35 - 155	24	30
Dichlorodifluoromethane	0.14	U	200	172		ug/L		86	50 - 127	28	30
Methyl acetate	0.58	U	1000	1230		ug/L		123	39 - 150	17	30
trans-1,3-Dichloropropene	0.19	U	200	201		ug/L		100	17 - 183	22	30
trans-1,2-Dichloroethene	0.18	U	200	225		ug/L		112	54 - 156	19	30
cis-1,2-Dichloroethene	0.26	U	200	228		ug/L		114	80 - 120	20	30
cis-1,3-Dichloropropene	0.16	U	200	213		ug/L		106	0 - 227	26	30
Xylenes, Total	0.28	U	400	447		ug/L		112	80 - 120	21	30
Trichloroethene	0.22	U	200	222		ug/L		111	71 - 157	21	30
Methylcyclohexane	0.22	U	200	214		ug/L		107	77 - 150	23	30
1,1,1-Trichloroethane	0.28	U	200	216		ug/L		108	52 - 162	20	30
1,2-Dichloropropane	0.18	U	200	226		ug/L		113	0 - 210	20	30
Dibromochloromethane	0.22	U	200	188		ug/L		94	53 - 149	28	30
1,2-Dibromoethane	0.19	U	200	229		ug/L		114	80 - 120	18	30

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-121138-B-1 MSD
Matrix: Water
Analysis Batch: 394312

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*109*		*48 - 130*
Toluene-d8 (Surr)	*105*		*80 - 120*
Bromofluorobenzene	*92*		*71 - 131*
Dibromofluoromethane (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 460-394593/8
Matrix: Water
Analysis Batch: 394593

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/03/16 10:43	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/03/16 10:43	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/03/16 10:43	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/03/16 10:43	1
Acetone	1.1	U	5.0	1.1	ug/L			10/03/16 10:43	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/03/16 10:43	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/03/16 10:43	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/03/16 10:43	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/03/16 10:43	1
Chloroform	0.22	U	1.0	0.22	ug/L			10/03/16 10:43	1
Toluene	0.25	U	1.0	0.25	ug/L			10/03/16 10:43	1
Benzene	0.090	U	1.0	0.090	ug/L			10/03/16 10:43	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/03/16 10:43	1
Styrene	0.17	U	1.0	0.17	ug/L			10/03/16 10:43	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/03/16 10:43	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/03/16 10:43	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/03/16 10:43	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/03/16 10:43	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/03/16 10:43	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/03/16 10:43	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/03/16 10:43	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/03/16 10:43	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/03/16 10:43	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/03/16 10:43	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/03/16 10:43	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/03/16 10:43	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/03/16 10:43	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/03/16 10:43	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/03/16 10:43	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/03/16 10:43	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/03/16 10:43	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/03/16 10:43	1
MTBE	0.13	U	1.0	0.13	ug/L			10/03/16 10:43	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/03/16 10:43	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/03/16 10:43	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/03/16 10:43	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/03/16 10:43	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/03/16 10:43	1

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-394593/8
Matrix: Water
Analysis Batch: 394593

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/03/16 10:43	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/03/16 10:43	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/03/16 10:43	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/03/16 10:43	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/03/16 10:43	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/03/16 10:43	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/03/16 10:43	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/03/16 10:43	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/03/16 10:43	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/03/16 10:43	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/03/16 10:43	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/03/16 10:43	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/03/16 10:43*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*48 - 130*		*10/03/16 10:43*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/03/16 10:43*	*1*
Bromofluorobenzene	*97*		*71 - 131*		*10/03/16 10:43*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*10/03/16 10:43*	*1*

Lab Sample ID: LCS 460-394593/5
Matrix: Water
Analysis Batch: 394593

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethyl Chloride	20.0	30.8		ug/L		154	14 - 230
Vinyl chloride	20.0	16.5		ug/L		82	0 - 251
Bromomethane	20.0	19.4		ug/L		97	0 - 242
Chloromethane	20.0	15.5		ug/L		78	0 - 273
Acetone	100	76.6		ug/L		77	48 - 143
Carbon disulfide	20.0	17.4		ug/L		87	51 - 144
Methylene Chloride	20.0	18.0		ug/L		90	0 - 221
Trichlorofluoromethane	20.0	40.9	*	ug/L		204	17 - 181
1,1-Dichloroethene	20.0	17.5		ug/L		88	0 - 234
Chloroform	20.0	19.6		ug/L		98	51 - 138
Toluene	20.0	19.3		ug/L		96	78 - 120
Benzene	20.0	19.6		ug/L		98	37 - 151
Freon TF	20.0	24.3		ug/L		121	48 - 150
Styrene	20.0	18.4		ug/L		92	80 - 126
Bromoform	20.0	16.6		ug/L		83	45 - 169
Cyclohexane	20.0	21.5		ug/L		108	59 - 150
Carbon tetrachloride	20.0	21.7		ug/L		108	70 - 140
Chlorobenzene	20.0	19.2		ug/L		96	37 - 160
1,1,2,2-Tetrachloroethane	20.0	19.1		ug/L		95	46 - 147
1,2,4-Trichlorobenzene	20.0	17.9		ug/L		90	64 - 124

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-394593/5
Matrix: Water
Analysis Batch: 394593

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichlorobenzene	20.0	17.5		ug/L		88	56 - 136
1,2-Dichlorobenzene	20.0	19.1		ug/L		96	18 - 190
1,3-Dichlorobenzene	20.0	19.2		ug/L		96	59 - 156
1,4-Dichlorobenzene	20.0	18.8		ug/L		94	18 - 190
1,2-Dibromo-3-Chloropropane	20.0	18.1		ug/L		90	48 - 129
1,1,2-Trichloroethane	20.0	18.6		ug/L		93	52 - 150
4-Methyl-2-pentanone	100	97.4		ug/L		97	73 - 124
p-Dioxane	400	358		ug/L		89	71 - 150
1,2-Dichloroethane	20.0	17.3		ug/L		87	49 - 155
2-Butanone	100	99.3		ug/L		99	57 - 144
1,1-Dichloroethane	20.0	18.0		ug/L		90	59 - 155
2-Hexanone	100	94.7		ug/L		95	60 - 137
MTBE	20.0	17.3		ug/L		87	63 - 128
Tetrachloroethene	20.0	19.7		ug/L		98	78 - 121
Isopropylbenzene	20.0	18.9		ug/L		95	80 - 120
Ethylbenzene	20.0	19.3		ug/L		97	37 - 162
Bromodichloromethane	20.0	18.6		ug/L		93	35 - 155
Dichlorodifluoromethane	20.0	22.4		ug/L		112	50 - 127
Methyl acetate	100	87.8		ug/L		88	39 - 150
trans-1,3-Dichloropropene	20.0	18.0		ug/L		90	17 - 183
trans-1,2-Dichloroethene	20.0	17.6		ug/L		88	54 - 156
cis-1,2-Dichloroethene	20.0	19.7		ug/L		99	80 - 120
cis-1,3-Dichloropropene	20.0	18.0		ug/L		90	0 - 227
Xylenes, Total	40.0	37.5		ug/L		94	80 - 120
Trichloroethene	20.0	19.9		ug/L		99	71 - 157
Methylcyclohexane	20.0	24.3		ug/L		121	77 - 150
1,1,1-Trichloroethane	20.0	21.5		ug/L		108	52 - 162
1,2-Dichloropropane	20.0	17.3		ug/L		86	0 - 210
Dibromochloromethane	20.0	17.7		ug/L		89	53 - 149
1,2-Dibromoethane	20.0	18.6		ug/L		93	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*48 - 130*
Toluene-d8 (Surr)	*98*		*80 - 120*
Bromofluorobenzene	*94*		*71 - 131*
Dibromofluoromethane (Surr)	*107*		*80 - 120*

Lab Sample ID: 460-121167-6 MS
Matrix: Water
Analysis Batch: 394593

Client Sample ID: MW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethyl Chloride	0.37	U	200	304		ug/L		152	14 - 230
Vinyl chloride	0.060	U F2	200	128		ug/L		64	0 - 251
Bromomethane	0.18	U F2	200	134		ug/L		67	0 - 242
Chloromethane	0.22	U	200	121		ug/L		60	0 - 273
Acetone	1.1	U	1000	967		ug/L		97	48 - 143
Carbon disulfide	0.22	U	200	163		ug/L		81	51 - 144

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-121167-6 MS
Matrix: Water
Analysis Batch: 394593

Client Sample ID: MW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	0.21	U F2	200	143		ug/L		72	0 - 221
Trichlorofluoromethane	0.15	U * F1	200	332		ug/L		166	17 - 181
1,1-Dichloroethene	0.34	U F2	200	124		ug/L		62	0 - 234
Chloroform	0.22	U	200	171		ug/L		86	51 - 138
Toluene	0.25	U	200	197		ug/L		99	78 - 120
Benzene	0.090	U	200	224		ug/L		112	37 - 151
Freon TF	0.34	U	200	202		ug/L		101	48 - 150
Styrene	0.17	U	200	196		ug/L		98	80 - 126
Bromoform	0.18	U	200	155		ug/L		77	45 - 169
Cyclohexane	0.26	U	200	229		ug/L		115	59 - 150
Carbon tetrachloride	0.33	U	200	206		ug/L		103	70 - 140
Chlorobenzene	0.24	U	200	196		ug/L		98	37 - 160
1,1,2,2-Tetrachloroethane	0.19	U	200	168		ug/L		84	46 - 147
1,2,4-Trichlorobenzene	0.27	U	200	155		ug/L		78	64 - 124
1,2,3-Trichlorobenzene	0.35	U	200	153		ug/L		77	56 - 136
1,2-Dichlorobenzene	0.22	U	200	180		ug/L		90	18 - 190
1,3-Dichlorobenzene	0.33	U	200	189		ug/L		94	59 - 156
1,4-Dichlorobenzene	0.33	U	200	168		ug/L		84	18 - 190
1,2-Dibromo-3-Chloropropane	0.23	U	200	151		ug/L		75	48 - 129
1,1,2-Trichloroethane	0.080	U	200	202		ug/L		101	52 - 150
4-Methyl-2-pentanone	0.63	U	1000	903		ug/L		90	73 - 124
p-Dioxane	8.7	U	4000	3640		ug/L		91	71 - 150
1,2-Dichloroethane	0.25	U F2	200	151		ug/L		76	49 - 155
2-Butanone	2.2	U	1000	1020		ug/L		102	57 - 144
1,1-Dichloroethane	0.24	U F2	200	151		ug/L		76	59 - 155
2-Hexanone	0.72	U	1000	753		ug/L		75	60 - 137
MTBE	0.13	U	200	154		ug/L		77	63 - 128
Tetrachloroethene	0.12	U	200	225		ug/L		113	78 - 121
Isopropylbenzene	0.32	U	200	182		ug/L		91	80 - 120
Ethylbenzene	0.30	U	200	182		ug/L		91	37 - 162
Bromodichloromethane	0.15	U F2	200	143		ug/L		72	35 - 155
Dichlorodifluoromethane	0.14	U F1 F2	200	173		ug/L		87	50 - 127
Methyl acetate	0.58	U	1000	1070		ug/L		107	39 - 150
trans-1,3-Dichloropropene	0.19	U	200	203		ug/L		101	17 - 183
trans-1,2-Dichloroethene	0.18	U F2	200	143		ug/L		72	54 - 156
cis-1,2-Dichloroethene	0.26	U	200	173		ug/L		87	80 - 120
cis-1,3-Dichloropropene	0.16	U	200	166		ug/L		83	0 - 227
Xylenes, Total	0.28	U	400	400		ug/L		100	80 - 120
Trichloroethene	0.22	U F2	200	162		ug/L		81	71 - 157
Methylcyclohexane	0.22	U	200	212		ug/L		106	77 - 150
1,1,1-Trichloroethane	0.28	U F2	200	153		ug/L		76	52 - 162
1,2-Dichloropropane	0.18	U	200	152		ug/L		76	0 - 210
Dibromochloromethane	0.22	U	200	206		ug/L		103	53 - 149
1,2-Dibromoethane	0.19	U	200	186		ug/L		93	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*48 - 130*
Toluene-d8 (Surr)	*97*		*80 - 120*

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-121167-6 MS
Matrix: Water
Analysis Batch: 394593

Client Sample ID: MW-3
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Bromofluorobenzene	*114*		*71 - 131*
Dibromofluoromethane (Surr)	*74*	*X*	*80 - 120*

Lab Sample ID: 460-121167-6 MSD
Matrix: Water
Analysis Batch: 394593

Client Sample ID: MW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethyl Chloride	0.37	U	200	343		ug/L		172	14 - 230	12	30
Vinyl chloride	0.060	U F2	200	178	F2	ug/L		89	0 - 251	33	30
Bromomethane	0.18	U F2	200	204	F2	ug/L		102	0 - 242	41	30
Chloromethane	0.22	U	200	162		ug/L		81	0 - 273	30	30
Acetone	1.1	U	1000	738		ug/L		74	48 - 143	27	30
Carbon disulfide	0.22	U	200	210		ug/L		105	51 - 144	25	30
Methylene Chloride	0.21	U F2	200	221	F2	ug/L		111	0 - 221	43	30
Trichlorofluoromethane	0.15	U * F1	200	391	F1	ug/L		195	17 - 181	16	30
1,1-Dichloroethene	0.34	U F2	200	238	F2	ug/L		119	0 - 234	63	30
Chloroform	0.22	U	200	231		ug/L		116	51 - 138	30	30
Toluene	0.25	U	200	187		ug/L		93	78 - 120	5	30
Benzene	0.090	U	200	212		ug/L		106	37 - 151	6	30
Freon TF	0.34	U	200	252		ug/L		126	48 - 150	22	30
Styrene	0.17	U	200	168		ug/L		84	80 - 126	15	30
Bromoform	0.18	U	200	148		ug/L		74	45 - 169	4	30
Cyclohexane	0.26	U	200	288		ug/L		144	59 - 150	23	30
Carbon tetrachloride	0.33	U	200	245		ug/L		123	70 - 140	18	30
Chlorobenzene	0.24	U	200	190		ug/L		95	37 - 160	3	30
1,1,2,2-Tetrachloroethane	0.19	U	200	181		ug/L		91	46 - 147	8	30
1,2,4-Trichlorobenzene	0.27	U	200	188		ug/L		94	64 - 124	19	30
1,2,3-Trichlorobenzene	0.35	U	200	148		ug/L		74	56 - 136	3	30
1,2-Dichlorobenzene	0.22	U	200	181		ug/L		91	18 - 190	1	30
1,3-Dichlorobenzene	0.33	U	200	186		ug/L		93	59 - 156	2	30
1,4-Dichlorobenzene	0.33	U	200	185		ug/L		93	18 - 190	10	30
1,2-Dibromo-3-Chloropropane	0.23	U	200	156		ug/L		78	48 - 129	3	30
1,1,2-Trichloroethane	0.080	U	200	182		ug/L		91	52 - 150	10	30
4-Methyl-2-pentanone	0.63	U	1000	736		ug/L		74	73 - 124	20	30
p-Dioxane	8.7	U	4000	3400		ug/L		85	71 - 150	7	30
1,2-Dichloroethane	0.25	U F2	200	210	F2	ug/L		105	49 - 155	33	30
2-Butanone	2.2	U	1000	835		ug/L		83	57 - 144	20	30
1,1-Dichloroethane	0.24	U F2	200	261	F2	ug/L		130	59 - 155	53	30
2-Hexanone	0.72	U	1000	889		ug/L		89	60 - 137	16	30
MTBE	0.13	U	200	199		ug/L		99	63 - 128	26	30
Tetrachloroethene	0.12	U	200	200		ug/L		100	78 - 121	12	30
Isopropylbenzene	0.32	U	200	187		ug/L		93	80 - 120	3	30
Ethylbenzene	0.30	U	200	195		ug/L		98	37 - 162	7	30
Bromodichloromethane	0.15	U F2	200	215	F2	ug/L		107	35 - 155	40	30
Dichlorodifluoromethane	0.14	U F1 F2	200	301	F1 F2	ug/L		150	50 - 127	54	30
Methyl acetate	0.58	U	1000	1040		ug/L		104	39 - 150	3	30
trans-1,3-Dichloropropene	0.19	U	200	186		ug/L		93	17 - 183	9	30

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-121167-6 MSD
Matrix: Water
Analysis Batch: 394593

Client Sample ID: MW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,2-Dichloroethene	0.18	U F2	200	197	F2	ug/L		99	54 - 156	32	30
cis-1,2-Dichloroethene	0.26	U	200	229		ug/L		114	80 - 120	28	30
cis-1,3-Dichloropropene	0.16	U	200	156		ug/L		78	0 - 227	6	30
Xylenes, Total	0.28	U	400	349		ug/L		87	80 - 120	14	30
Trichloroethene	0.22	U F2	200	230	F2	ug/L		115	71 - 157	35	30
Methylcyclohexane	0.22	U	200	236		ug/L		118	77 - 150	11	30
1,1,1-Trichloroethane	0.28	U F2	200	244	F2	ug/L		122	52 - 162	46	30
1,2-Dichloropropane	0.18	U	200	165		ug/L		83	0 - 210	8	30
Dibromochloromethane	0.22	U	200	182		ug/L		91	53 - 149	12	30
1,2-Dibromoethane	0.19	U	200	159		ug/L		80	80 - 120	15	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*48 - 130*
Toluene-d8 (Surr)	*97*		*80 - 120*
Bromofluorobenzene	*93*		*71 - 131*
Dibromofluoromethane (Surr)	*105*		*80 - 120*

Lab Sample ID: MB 460-394701/8
Matrix: Water
Analysis Batch: 394701

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/04/16 09:54	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/04/16 09:54	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/04/16 09:54	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/04/16 09:54	1
Acetone	1.1	U	5.0	1.1	ug/L			10/04/16 09:54	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/04/16 09:54	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/04/16 09:54	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/04/16 09:54	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/04/16 09:54	1
Chloroform	0.22	U	1.0	0.22	ug/L			10/04/16 09:54	1
Toluene	0.25	U	1.0	0.25	ug/L			10/04/16 09:54	1
Benzene	0.090	U	1.0	0.090	ug/L			10/04/16 09:54	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/04/16 09:54	1
Styrene	0.17	U	1.0	0.17	ug/L			10/04/16 09:54	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/04/16 09:54	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/04/16 09:54	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/04/16 09:54	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/04/16 09:54	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/04/16 09:54	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/04/16 09:54	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/04/16 09:54	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/04/16 09:54	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/04/16 09:54	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/04/16 09:54	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/04/16 09:54	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/04/16 09:54	1

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-394701/8
Matrix: Water
Analysis Batch: 394701

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/04/16 09:54	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/04/16 09:54	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/04/16 09:54	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/04/16 09:54	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/04/16 09:54	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/04/16 09:54	1
MTBE	0.13	U	1.0	0.13	ug/L			10/04/16 09:54	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/04/16 09:54	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/04/16 09:54	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/04/16 09:54	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/04/16 09:54	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/04/16 09:54	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/04/16 09:54	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/04/16 09:54	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/04/16 09:54	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/04/16 09:54	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/04/16 09:54	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/04/16 09:54	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/04/16 09:54	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/04/16 09:54	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/04/16 09:54	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/04/16 09:54	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/04/16 09:54	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/04/16 09:54	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/04/16 09:54*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*48 - 130*		*10/04/16 09:54*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*10/04/16 09:54*	*1*
Bromofluorobenzene	*87*		*71 - 131*		*10/04/16 09:54*	*1*
Dibromofluoromethane (Surr)	*116*		*80 - 120*		*10/04/16 09:54*	*1*

Lab Sample ID: LCS 460-394701/5
Matrix: Water
Analysis Batch: 394701

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethyl Chloride	20.0	29.8		ug/L		149	14 - 230
Vinyl chloride	20.0	16.1		ug/L		81	0 - 251
Bromomethane	20.0	18.1		ug/L		90	0 - 242
Chloromethane	20.0	13.8		ug/L		69	0 - 273
Acetone	100	85.5		ug/L		85	48 - 143
Carbon disulfide	20.0	18.5		ug/L		92	51 - 144
Methylene Chloride	20.0	15.6		ug/L		78	0 - 221
Trichlorofluoromethane	20.0	30.3		ug/L		151	17 - 181

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-394701/5
Matrix: Water
Analysis Batch: 394701

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	20.0	20.8		ug/L		104	0 - 234
Chloroform	20.0	16.8		ug/L		84	51 - 138
Toluene	20.0	19.4		ug/L		97	78 - 120
Benzene	20.0	19.4		ug/L		97	37 - 151
Freon TF	20.0	20.7		ug/L		103	48 - 150
Styrene	20.0	18.6		ug/L		93	80 - 126
Bromoform	20.0	16.8		ug/L		84	45 - 169
Cyclohexane	20.0	20.3		ug/L		101	59 - 150
Carbon tetrachloride	20.0	19.5		ug/L		98	70 - 140
Chlorobenzene	20.0	18.3		ug/L		91	37 - 160
1,1,2,2-Tetrachloroethane	20.0	16.3		ug/L		81	46 - 147
1,2,4-Trichlorobenzene	20.0	17.7		ug/L		89	64 - 124
1,2,3-Trichlorobenzene	20.0	16.6		ug/L		83	56 - 136
1,2-Dichlorobenzene	20.0	18.9		ug/L		95	18 - 190
1,3-Dichlorobenzene	20.0	18.0		ug/L		90	59 - 156
1,4-Dichlorobenzene	20.0	18.8		ug/L		94	18 - 190
1,2-Dibromo-3-Chloropropane	20.0	17.1		ug/L		85	48 - 129
1,1,2-Trichloroethane	20.0	17.8		ug/L		89	52 - 150
4-Methyl-2-pentanone	100	64.8	*	ug/L		65	73 - 124
p-Dioxane	400	407		ug/L		102	71 - 150
1,2-Dichloroethane	20.0	15.5		ug/L		77	49 - 155
2-Butanone	100	75.2		ug/L		75	57 - 144
1,1-Dichloroethane	20.0	14.3		ug/L		71	59 - 155
2-Hexanone	100	61.4		ug/L		61	60 - 137
MTBE	20.0	17.7		ug/L		89	63 - 128
Tetrachloroethene	20.0	21.1		ug/L		105	78 - 121
Isopropylbenzene	20.0	18.6		ug/L		93	80 - 120
Ethylbenzene	20.0	19.6		ug/L		98	37 - 162
Bromodichloromethane	20.0	15.1		ug/L		76	35 - 155
Dichlorodifluoromethane	20.0	18.9		ug/L		95	50 - 127
Methyl acetate	100	92.0		ug/L		92	39 - 150
trans-1,3-Dichloropropene	20.0	19.9		ug/L		99	17 - 183
trans-1,2-Dichloroethene	20.0	14.3		ug/L		71	54 - 156
cis-1,2-Dichloroethene	20.0	18.3		ug/L		91	80 - 120
cis-1,3-Dichloropropene	20.0	19.8		ug/L		99	0 - 227
Xylenes, Total	40.0	37.5		ug/L		94	80 - 120
Trichloroethene	20.0	16.2		ug/L		81	71 - 157
Methylcyclohexane	20.0	28.9		ug/L		145	77 - 150
1,1,1-Trichloroethane	20.0	17.5		ug/L		88	52 - 162
1,2-Dichloropropane	20.0	18.3		ug/L		91	0 - 210
Dibromochloromethane	20.0	18.9		ug/L		95	53 - 149
1,2-Dibromoethane	20.0	18.9		ug/L		94	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*48 - 130*
Toluene-d8 (Surr)	*99*		*80 - 120*
Bromofluorobenzene	*96*		*71 - 131*
Dibromofluoromethane (Surr)	*82*		*80 - 120*

Lab Sample ID: 460-121202-A-4 MS
Matrix: Water
Analysis Batch: 394701

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethyl Chloride	0.37	U	200	241		ug/L		120	14 - 230
Vinyl chloride	0.060	U	200	205		ug/L		102	0 - 251
Bromomethane	0.18	U	200	193		ug/L		97	0 - 242
Chloromethane	0.22	U	200	198		ug/L		99	0 - 273
Acetone	1.1	U	1000	753		ug/L		75	48 - 143
Carbon disulfide	0.22	U	200	201		ug/L		101	51 - 144
Methylene Chloride	0.21	U	200	211		ug/L		106	0 - 221
Trichlorofluoromethane	0.15	U F1	200	366	F1	ug/L		183	17 - 181
1,1-Dichloroethene	0.34	U	200	204		ug/L		102	0 - 234
Chloroform	2.3		200	201		ug/L		99	51 - 138
Toluene	0.25	U	200	194		ug/L		97	78 - 120
Benzene	0.090	U	200	200		ug/L		100	37 - 151
Freon TF	0.34	U	200	274		ug/L		137	48 - 150
Styrene	0.17	U	200	180		ug/L		90	80 - 126
Bromoform	0.18	U	200	146		ug/L		73	45 - 169
Cyclohexane	0.26	U	200	272		ug/L		136	59 - 150
Carbon tetrachloride	0.33	U	200	199		ug/L		99	70 - 140
Chlorobenzene	0.24	U	200	185		ug/L		92	37 - 160
1,1,2,2-Tetrachloroethane	0.19	U	200	187		ug/L		94	46 - 147
1,2,4-Trichlorobenzene	0.27	U	200	166		ug/L		83	64 - 124
1,2,3-Trichlorobenzene	0.35	U	200	160		ug/L		80	56 - 136
1,2-Dichlorobenzene	0.22	U	200	186		ug/L		93	18 - 190
1,3-Dichlorobenzene	0.33	U	200	182		ug/L		91	59 - 156
1,4-Dichlorobenzene	0.33	U	200	182		ug/L		91	18 - 190
1,2-Dibromo-3-Chloropropane	0.23	U	200	159		ug/L		79	48 - 129
1,1,2-Trichloroethane	0.080	U	200	185		ug/L		92	52 - 150
4-Methyl-2-pentanone	0.63	U *	1000	963		ug/L		96	73 - 124
p-Dioxane	8.7	U	4000	3870		ug/L		97	71 - 150
1,2-Dichloroethane	0.25	U	200	206		ug/L		103	49 - 155
2-Butanone	2.2	U	1000	850		ug/L		85	57 - 144
1,1-Dichloroethane	0.24	U	200	211		ug/L		106	59 - 155
2-Hexanone	0.72	U	1000	901		ug/L		90	60 - 137
MTBE	0.34	J	200	224		ug/L		112	63 - 128
Tetrachloroethene	0.12	U	200	177		ug/L		88	78 - 121
Isopropylbenzene	0.32	U	200	184		ug/L		92	80 - 120
Ethylbenzene	0.30	U	200	183		ug/L		92	37 - 162
Bromodichloromethane	0.15	U	200	194		ug/L		97	35 - 155
Dichlorodifluoromethane	0.14	U	200	224		ug/L		112	50 - 127
Methyl acetate	0.58	U	1000	970		ug/L		97	39 - 150
trans-1,3-Dichloropropene	0.19	U	200	175		ug/L		87	17 - 183
trans-1,2-Dichloroethene	0.18	U	200	203		ug/L		102	54 - 156
cis-1,2-Dichloroethene	0.26	U	200	197		ug/L		99	80 - 120
cis-1,3-Dichloropropene	0.16	U	200	191		ug/L		96	0 - 227
Xylenes, Total	0.28	U	400	371		ug/L		93	80 - 120
Trichloroethene	0.22	U	200	182		ug/L		91	71 - 157
Methylcyclohexane	0.22	U	200	248		ug/L		124	77 - 150
1,1,1-Trichloroethane	0.28	U	200	202		ug/L		101	52 - 162
1,2-Dichloropropane	0.18	U	200	196		ug/L		98	0 - 210
Dibromochloromethane	0.22	U	200	176		ug/L		88	53 - 149
1,2-Dibromoethane	0.19	U	200	187		ug/L		94	80 - 120

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-121202-A-4 MS
Matrix: Water
Analysis Batch: 394701

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*106*		*48 - 130*
Toluene-d8 (Surr)	*99*		*80 - 120*
Bromofluorobenzene	*87*		*71 - 131*
Dibromofluoromethane (Surr)	*99*		*80 - 120*

Lab Sample ID: 460-121202-A-4 MSD
Matrix: Water
Analysis Batch: 394701

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethyl Chloride	0.37	U	200	241		ug/L		120	14 - 230	0	30
Vinyl chloride	0.060	U	200	202		ug/L		101	0 - 251	1	30
Bromomethane	0.18	U	200	216		ug/L		108	0 - 242	11	30
Chloromethane	0.22	U	200	208		ug/L		104	0 - 273	5	30
Acetone	1.1	U	1000	725		ug/L		72	48 - 143	4	30
Carbon disulfide	0.22	U	200	205		ug/L		102	51 - 144	2	30
Methylene Chloride	0.21	U	200	226		ug/L		113	0 - 221	7	30
Trichlorofluoromethane	0.15	U F1	200	373	F1	ug/L		187	17 - 181	2	30
1,1-Dichloroethene	0.34	U	200	215		ug/L		107	0 - 234	5	30
Chloroform	2.3		200	203		ug/L		100	51 - 138	1	30
Toluene	0.25	U	200	197		ug/L		98	78 - 120	2	30
Benzene	0.090	U	200	206		ug/L		103	37 - 151	3	30
Freon TF	0.34	U	200	282		ug/L		141	48 - 150	3	30
Styrene	0.17	U	200	187		ug/L		94	80 - 126	4	30
Bromoform	0.18	U	200	153		ug/L		76	45 - 169	4	30
Cyclohexane	0.26	U	200	273		ug/L		136	59 - 150	0	30
Carbon tetrachloride	0.33	U	200	202		ug/L		101	70 - 140	2	30
Chlorobenzene	0.24	U	200	191		ug/L		95	37 - 160	3	30
1,1,2,2-Tetrachloroethane	0.19	U	200	202		ug/L		101	46 - 147	8	30
1,2,4-Trichlorobenzene	0.27	U	200	176		ug/L		88	64 - 124	6	30
1,2,3-Trichlorobenzene	0.35	U	200	169		ug/L		84	56 - 136	5	30
1,2-Dichlorobenzene	0.22	U	200	189		ug/L		94	18 - 190	1	30
1,3-Dichlorobenzene	0.33	U	200	185		ug/L		93	59 - 156	2	30
1,4-Dichlorobenzene	0.33	U	200	180		ug/L		90	18 - 190	1	30
1,2-Dibromo-3-Chloropropane	0.23	U	200	165		ug/L		82	48 - 129	4	30
1,1,2-Trichloroethane	0.080	U	200	188		ug/L		94	52 - 150	2	30
4-Methyl-2-pentanone	0.63	U *	1000	962		ug/L		96	73 - 124	0	30
p-Dioxane	8.7	U	4000	3730		ug/L		93	71 - 150	4	30
1,2-Dichloroethane	0.25	U	200	206		ug/L		103	49 - 155	0	30
2-Butanone	2.2	U	1000	821		ug/L		82	57 - 144	4	30
1,1-Dichloroethane	0.24	U	200	212		ug/L		106	59 - 155	1	30
2-Hexanone	0.72	U	1000	891		ug/L		89	60 - 137	1	30
MTBE	0.34	J	200	221		ug/L		110	63 - 128	1	30
Tetrachloroethene	0.12	U	200	185		ug/L		92	78 - 121	4	30
Isopropylbenzene	0.32	U	200	195		ug/L		97	80 - 120	6	30
Ethylbenzene	0.30	U	200	192		ug/L		96	37 - 162	5	30
Bromodichloromethane	0.15	U	200	197		ug/L		99	35 - 155	2	30
Dichlorodifluoromethane	0.14	U	200	225		ug/L		113	50 - 127	1	30

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-121202-A-4 MSD
Matrix: Water
Analysis Batch: 394701

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl acetate	0.58	U	1000	974		ug/L		97	39 - 150	1	30
trans-1,3-Dichloropropene	0.19	U	200	194		ug/L		97	17 - 183	10	30
trans-1,2-Dichloroethene	0.18	U	200	201		ug/L		101	54 - 156	1	30
cis-1,2-Dichloroethene	0.26	U	200	200		ug/L		100	80 - 120	1	30
cis-1,3-Dichloropropene	0.16	U	200	199		ug/L		99	0 - 227	4	30
Xylenes, Total	0.28	U	400	377		ug/L		94	80 - 120	2	30
Trichloroethene	0.22	U	200	187		ug/L		94	71 - 157	3	30
Methylcyclohexane	0.22	U	200	248		ug/L		124	77 - 150	0	30
1,1,1-Trichloroethane	0.28	U	200	203		ug/L		102	52 - 162	0	30
1,2-Dichloropropane	0.18	U	200	200		ug/L		100	0 - 210	2	30
Dibromochloromethane	0.22	U	200	177		ug/L		88	53 - 149	0	30
1,2-Dibromoethane	0.19	U	200	193		ug/L		97	80 - 120	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*48 - 130*
Toluene-d8 (Surr)	*102*		*80 - 120*
Bromofluorobenzene	*91*		*71 - 131*
Dibromofluoromethane (Surr)	*102*		*80 - 120*

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-394513/1-A
Matrix: Water
Analysis Batch: 394601

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 394513

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.12	U	1.0	0.12	ug/L		10/03/16 10:31	10/04/16 01:54	1
1,3-Dichlorobenzene	1.1	U	10	1.1	ug/L		10/03/16 10:31	10/04/16 01:54	1
1,4-Dichlorobenzene	0.66	U	10	0.66	ug/L		10/03/16 10:31	10/04/16 01:54	1
1,2-Dichlorobenzene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 01:54	1
N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83	ug/L		10/03/16 10:31	10/04/16 01:54	1
Hexachloroethane	0.090	U	1.0	0.090	ug/L		10/03/16 10:31	10/04/16 01:54	1
Nitrobenzene	0.49	U	1.0	0.49	ug/L		10/03/16 10:31	10/04/16 01:54	1
Isophorone	0.67	U	10	0.67	ug/L		10/03/16 10:31	10/04/16 01:54	1
Bis(2-chloroethoxy)methane	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 01:54	1
1,2,4-Trichlorobenzene	0.61	U	1.0	0.61	ug/L		10/03/16 10:31	10/04/16 01:54	1
Naphthalene	0.80	U	10	0.80	ug/L		10/03/16 10:31	10/04/16 01:54	1
4-Chloroaniline	0.73	U	10	0.73	ug/L		10/03/16 10:31	10/04/16 01:54	1
Hexachlorobutadiene	0.76	U	1.0	0.76	ug/L		10/03/16 10:31	10/04/16 01:54	1
2-Methylnaphthalene	0.88	U	10	0.88	ug/L		10/03/16 10:31	10/04/16 01:54	1
Hexachlorocyclopentadiene	0.61	U	10	0.61	ug/L		10/03/16 10:31	10/04/16 01:54	1
2-Chloronaphthalene	0.61	U	10	0.61	ug/L		10/03/16 10:31	10/04/16 01:54	1
2-Nitroaniline	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 01:54	1
Dimethyl phthalate	0.98	U	10	0.98	ug/L		10/03/16 10:31	10/04/16 01:54	1
Acenaphthylene	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 01:54	1
2,6-Dinitrotoluene	0.88	U	2.0	0.88	ug/L		10/03/16 10:31	10/04/16 01:54	1
3-Nitroaniline	0.82	U	10	0.82	ug/L		10/03/16 10:31	10/04/16 01:54	1
Acenaphthene	0.88	U	10	0.88	ug/L		10/03/16 10:31	10/04/16 01:54	1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-394513/1-A
Matrix: Water
Analysis Batch: 394601

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 394513

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 01:54	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		10/03/16 10:31	10/04/16 01:54	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 01:54	1
4-Chlorophenyl phenyl ether	0.96	U	10	0.96	ug/L		10/03/16 10:31	10/04/16 01:54	1
Fluorene	0.80	U	10	0.80	ug/L		10/03/16 10:31	10/04/16 01:54	1
4-Nitroaniline	0.48	U	10	0.48	ug/L		10/03/16 10:31	10/04/16 01:54	1
N-Nitrosodiphenylamine	0.74	U	10	0.74	ug/L		10/03/16 10:31	10/04/16 01:54	1
4-Bromophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 01:54	1
Hexachlorobenzene	0.47	U	1.0	0.47	ug/L		10/03/16 10:31	10/04/16 01:54	1
Phenanthrene	0.65	U	10	0.65	ug/L		10/03/16 10:31	10/04/16 01:54	1
Anthracene	0.57	U	10	0.57	ug/L		10/03/16 10:31	10/04/16 01:54	1
Carbazole	0.85	U	10	0.85	ug/L		10/03/16 10:31	10/04/16 01:54	1
Di-n-butyl phthalate	0.82	U	10	0.82	ug/L		10/03/16 10:31	10/04/16 01:54	1
Fluoranthene	0.72	U	10	0.72	ug/L		10/03/16 10:31	10/04/16 01:54	1
Pyrene	0.83	U	10	0.83	ug/L		10/03/16 10:31	10/04/16 01:54	1
Butyl benzyl phthalate	0.60	U	10	0.60	ug/L		10/03/16 10:31	10/04/16 01:54	1
3,3'-Dichlorobenzidine	1.0	U	10	1.0	ug/L		10/03/16 10:31	10/04/16 01:54	1
Benzo[a]anthracene	0.55	U	1.0	0.55	ug/L		10/03/16 10:31	10/04/16 01:54	1
Chrysene	0.67	U	2.0	0.67	ug/L		10/03/16 10:31	10/04/16 01:54	1
Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72	ug/L		10/03/16 10:31	10/04/16 01:54	1
Di-n-octyl phthalate	0.69	U	10	0.69	ug/L		10/03/16 10:31	10/04/16 01:54	1
Benzo[b]fluoranthene	0.44	U	1.0	0.44	ug/L		10/03/16 10:31	10/04/16 01:54	1
Benzo[k]fluoranthene	0.18	U	1.0	0.18	ug/L		10/03/16 10:31	10/04/16 01:54	1
Benzo[a]pyrene	0.16	U	1.0	0.16	ug/L		10/03/16 10:31	10/04/16 01:54	1
Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21	ug/L		10/03/16 10:31	10/04/16 01:54	1
Dibenz(a,h)anthracene	0.090	U	1.0	0.090	ug/L		10/03/16 10:31	10/04/16 01:54	1
Benzo[g,h,i]perylene	0.75	U	10	0.75	ug/L		10/03/16 10:31	10/04/16 01:54	1
bis (2-chloroisopropyl) ether	0.93	U	10	0.93	ug/L		10/03/16 10:31	10/04/16 01:54	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*10/03/16 10:31*	*10/04/16 01:54*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*76*		*49 - 125*	*10/03/16 10:31*	*10/04/16 01:54*	*1*
Terphenyl-d14	*79*		*28 - 150*	*10/03/16 10:31*	*10/04/16 01:54*	*1*
2-Fluorobiphenyl	*71*		*44 - 129*	*10/03/16 10:31*	*10/04/16 01:54*	*1*

Lab Sample ID: LCS 460-394513/2-A
Matrix: Water
Analysis Batch: 394601

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 394513

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-chloroethyl)ether	80.0	60.9		ug/L		76	12 - 158
1,3-Dichlorobenzene	80.0	59.0		ug/L		74	0.1 - 172
1,4-Dichlorobenzene	80.0	59.0		ug/L		74	20 - 124
1,2-Dichlorobenzene	80.0	59.7		ug/L		75	32 - 129
N-Nitrosodi-n-propylamine	80.0	54.4		ug/L		68	0.1 - 230

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-394513/2-A
Matrix: Water
Analysis Batch: 394601

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 394513

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachloroethane	80.0	56.6		ug/L		71	40 - 113
Nitrobenzene	80.0	59.4		ug/L		74	35 - 180
Isophorone	80.0	59.9		ug/L		75	21 - 196
Bis(2-chloroethoxy)methane	80.0	67.9		ug/L		85	33 - 184
1,2,4-Trichlorobenzene	80.0	59.6		ug/L		75	44 - 142
Naphthalene	80.0	64.7		ug/L		81	21 - 133
4-Chloroaniline	80.0	59.1		ug/L		74	49 - 117
Hexachlorobutadiene	80.0	58.0		ug/L		73	24 - 116
2-Methylnaphthalene	80.0	64.4		ug/L		80	56 - 113
Hexachlorocyclopentadiene	80.0	61.6		ug/L		77	27 - 124
2-Chloronaphthalene	80.0	68.4		ug/L		85	60 - 118
2-Nitroaniline	80.0	75.2		ug/L		94	54 - 128
Dimethyl phthalate	80.0	67.8		ug/L		85	0.1 - 112
Acenaphthylene	80.0	68.3		ug/L		85	33 - 145
2,6-Dinitrotoluene	80.0	74.6		ug/L		93	50 - 158
3-Nitroaniline	80.0	67.3		ug/L		84	51 - 130
Acenaphthene	80.0	76.1		ug/L		95	47 - 145
Dibenzofuran	80.0	71.0		ug/L		89	59 - 121
2,4-Dinitrotoluene	80.0	78.5		ug/L		98	39 - 139
Diethyl phthalate	80.0	73.1		ug/L		91	0.1 - 114
4-Chlorophenyl phenyl ether	80.0	72.0		ug/L		90	25 - 158
Fluorene	80.0	70.8		ug/L		89	59 - 121
4-Nitroaniline	80.0	74.7		ug/L		93	48 - 136
N-Nitrosodiphenylamine	80.0	68.8		ug/L		86	53 - 130
4-Bromophenyl phenyl ether	80.0	70.8		ug/L		88	53 - 127
Hexachlorobenzene	80.0	73.0		ug/L		91	0.1 - 152
Phenanthrene	80.0	71.9		ug/L		90	54 - 120
Anthracene	80.0	73.7		ug/L		92	27 - 133
Carbazole	80.0	73.1		ug/L		91	64 - 129
Di-n-butyl phthalate	80.0	69.1		ug/L		86	1 - 118
Fluoranthene	80.0	72.5		ug/L		91	26 - 137
Pyrene	80.0	78.4		ug/L		98	52 - 115
Butyl benzyl phthalate	80.0	79.8		ug/L		100	0.1 - 152
3,3'-Dichlorobenzidine	80.0	74.8		ug/L		94	0.1 - 262
Benzo[a]anthracene	80.0	77.0		ug/L		96	33 - 143
Chrysene	80.0	79.2		ug/L		99	17 - 168
Bis(2-ethylhexyl) phthalate	80.0	82.5		ug/L		103	8 - 158
Di-n-octyl phthalate	80.0	74.9		ug/L		94	4 - 146
Benzo[b]fluoranthene	80.0	71.9		ug/L		90	24 - 159
Benzo[k]fluoranthene	80.0	75.5		ug/L		94	11 - 162
Benzo[a]pyrene	80.0	73.1		ug/L		91	17 - 163
Indeno[1,2,3-cd]pyrene	80.0	75.1		ug/L		94	0.1 - 171
Dibenz(a,h)anthracene	80.0	85.5		ug/L		107	0.1 - 227
Benzo[g,h,i]perylene	80.0	79.3		ug/L		99	0.1 - 219
bis (2-chloroisopropyl) ether	80.0	59.5		ug/L		74	36 - 166

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*74*		*49 - 125*

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-394513/2-A
Matrix: Water
Analysis Batch: 394601

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 394513

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14	*88*		*28 - 150*
2-Fluorobiphenyl	*81*		*44 - 129*

Lab Sample ID: LCSD 460-394513/3-A
Matrix: Water
Analysis Batch: 394601

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 394513

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bis(2-chloroethyl)ether			80.0	60.5		ug/L		76	12 - 158	1	40
1,3-Dichlorobenzene			80.0	55.9		ug/L		70	0.1 - 172	5	40
1,4-Dichlorobenzene			80.0	56.6		ug/L		71	20 - 124	4	40
1,2-Dichlorobenzene			80.0	56.4		ug/L		71	32 - 129	6	40
N-Nitrosodi-n-propylamine			80.0	57.9		ug/L		72	0.1 - 230	6	40
Hexachloroethane			80.0	54.1		ug/L		68	40 - 113	4	40
Nitrobenzene			80.0	60.0		ug/L		75	35 - 180	1	40
Isophorone			80.0	62.2		ug/L		78	21 - 196	4	40
Bis(2-chloroethoxy)methane			80.0	67.1		ug/L		84	33 - 184	1	40
1,2,4-Trichlorobenzene			80.0	58.2		ug/L		73	44 - 142	2	40
Naphthalene			80.0	63.8		ug/L		80	21 - 133	1	40
4-Chloroaniline			80.0	62.4		ug/L		78	49 - 117	5	40
Hexachlorobutadiene			80.0	57.9		ug/L		72	24 - 116	0	40
2-Methylnaphthalene			80.0	62.0		ug/L		78	56 - 113	4	40
Hexachlorocyclopentadiene			80.0	60.5		ug/L		76	27 - 124	2	40
2-Chloronaphthalene			80.0	71.7		ug/L		90	60 - 118	5	40
2-Nitroaniline			80.0	79.1		ug/L		99	54 - 128	5	40
Dimethyl phthalate			80.0	68.8		ug/L		86	0.1 - 112	1	40
Acenaphthylene			80.0	69.6		ug/L		87	33 - 145	2	40
2,6-Dinitrotoluene			80.0	80.1		ug/L		100	50 - 158	7	40
3-Nitroaniline			80.0	70.8		ug/L		89	51 - 130	5	40
Acenaphthene			80.0	82.2		ug/L		103	47 - 145	8	40
Dibenzofuran			80.0	70.3		ug/L		88	59 - 121	1	40
2,4-Dinitrotoluene			80.0	80.9		ug/L		101	39 - 139	3	40
Diethyl phthalate			80.0	73.6		ug/L		92	0.1 - 114	1	40
4-Chlorophenyl phenyl ether			80.0	75.7		ug/L		95	25 - 158	5	40
Fluorene			80.0	69.2		ug/L		86	59 - 121	2	40
4-Nitroaniline			80.0	76.6		ug/L		96	48 - 136	3	40
N-Nitrosodiphenylamine			80.0	69.2		ug/L		86	53 - 130	1	40
4-Bromophenyl phenyl ether			80.0	69.7		ug/L		87	53 - 127	2	40
Hexachlorobenzene			80.0	72.1		ug/L		90	0.1 - 152	1	40
Phenanthrene			80.0	72.2		ug/L		90	54 - 120	0	40
Anthracene			80.0	70.8		ug/L		89	27 - 133	4	40
Carbazole			80.0	70.3		ug/L		88	64 - 129	4	40
Di-n-butyl phthalate			80.0	69.7		ug/L		87	1 - 118	1	40
Fluoranthene			80.0	71.4		ug/L		89	26 - 137	1	40
Pyrene			80.0	77.8		ug/L		97	52 - 115	1	40
Butyl benzyl phthalate			80.0	81.0		ug/L		101	0.1 - 152	2	40
3,3'-Dichlorobenzidine			80.0	72.7		ug/L		91	0.1 - 262	3	40
Benzo[a]anthracene			80.0	74.3		ug/L		93	33 - 143	4	40

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-394513/3-A
Matrix: Water
Analysis Batch: 394601

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 394513

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chrysene			80.0	79.1		ug/L		99	17 - 168	0	40
Bis(2-ethylhexyl) phthalate			80.0	80.9		ug/L		101	8 - 158	2	40
Di-n-octyl phthalate			80.0	73.8		ug/L		92	4 - 146	1	40
Benzo[b]fluoranthene			80.0	75.2		ug/L		94	24 - 159	4	40
Benzo[k]fluoranthene			80.0	69.8		ug/L		87	11 - 162	8	40
Benzo[a]pyrene			80.0	74.4		ug/L		93	17 - 163	2	40
Indeno[1,2,3-cd]pyrene			80.0	85.7		ug/L		107	0.1 - 171	13	40
Dibenz(a,h)anthracene			80.0	81.0		ug/L		101	0.1 - 227	5	40
Benzo[g,h,i]perylene			80.0	78.6		ug/L		98	0.1 - 219	1	40
bis (2-chloroisopropyl) ether			80.0	57.7		ug/L		72	36 - 166	3	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Nitrobenzene-d5	*74*		*49 - 125*
Terphenyl-d14	*84*		*28 - 150*
2-Fluorobiphenyl	*80*		*44 - 129*

Lab Sample ID: MB 460-394654/1-A
Matrix: Water
Analysis Batch: 394601

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 394654

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.12	U	1.0	0.12	ug/L		10/03/16 20:21	10/04/16 11:07	1
1,3-Dichlorobenzene	1.1	U	10	1.1	ug/L		10/03/16 20:21	10/04/16 11:07	1
1,4-Dichlorobenzene	0.66	U	10	0.66	ug/L		10/03/16 20:21	10/04/16 11:07	1
1,2-Dichlorobenzene	0.83	U	10	0.83	ug/L		10/03/16 20:21	10/04/16 11:07	1
N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83	ug/L		10/03/16 20:21	10/04/16 11:07	1
Hexachloroethane	0.090	U	1.0	0.090	ug/L		10/03/16 20:21	10/04/16 11:07	1
Nitrobenzene	0.49	U	1.0	0.49	ug/L		10/03/16 20:21	10/04/16 11:07	1
Isophorone	0.67	U	10	0.67	ug/L		10/03/16 20:21	10/04/16 11:07	1
Bis(2-chloroethoxy)methane	0.69	U	10	0.69	ug/L		10/03/16 20:21	10/04/16 11:07	1
1,2,4-Trichlorobenzene	0.61	U	1.0	0.61	ug/L		10/03/16 20:21	10/04/16 11:07	1
Naphthalene	0.80	U	10	0.80	ug/L		10/03/16 20:21	10/04/16 11:07	1
4-Chloroaniline	0.73	U	10	0.73	ug/L		10/03/16 20:21	10/04/16 11:07	1
Hexachlorobutadiene	0.76	U	1.0	0.76	ug/L		10/03/16 20:21	10/04/16 11:07	1
2-Methylnaphthalene	0.88	U	10	0.88	ug/L		10/03/16 20:21	10/04/16 11:07	1
Hexachlorocyclopentadiene	0.61	U	10	0.61	ug/L		10/03/16 20:21	10/04/16 11:07	1
2-Chloronaphthalene	0.61	U	10	0.61	ug/L		10/03/16 20:21	10/04/16 11:07	1
2-Nitroaniline	0.65	U	10	0.65	ug/L		10/03/16 20:21	10/04/16 11:07	1
Dimethyl phthalate	0.98	U	10	0.98	ug/L		10/03/16 20:21	10/04/16 11:07	1
Acenaphthylene	0.65	U	10	0.65	ug/L		10/03/16 20:21	10/04/16 11:07	1
2,6-Dinitrotoluene	0.88	U	2.0	0.88	ug/L		10/03/16 20:21	10/04/16 11:07	1
3-Nitroaniline	0.82	U	10	0.82	ug/L		10/03/16 20:21	10/04/16 11:07	1
Acenaphthene	0.88	U	10	0.88	ug/L		10/03/16 20:21	10/04/16 11:07	1
Dibenzofuran	0.85	U	10	0.85	ug/L		10/03/16 20:21	10/04/16 11:07	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		10/03/16 20:21	10/04/16 11:07	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/03/16 20:21	10/04/16 11:07	1
4-Chlorophenyl phenyl ether	0.96	U	10	0.96	ug/L		10/03/16 20:21	10/04/16 11:07	1
Fluorene	0.80	U	10	0.80	ug/L		10/03/16 20:21	10/04/16 11:07	1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-394654/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 394601 — **Prep Batch: 394654**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	0.48	U	10	0.48	ug/L		10/03/16 20:21	10/04/16 11:07	1
N-Nitrosodiphenylamine	0.74	U	10	0.74	ug/L		10/03/16 20:21	10/04/16 11:07	1
4-Bromophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/03/16 20:21	10/04/16 11:07	1
Hexachlorobenzene	0.47	U	1.0	0.47	ug/L		10/03/16 20:21	10/04/16 11:07	1
Phenanthrene	0.65	U	10	0.65	ug/L		10/03/16 20:21	10/04/16 11:07	1
Anthracene	0.57	U	10	0.57	ug/L		10/03/16 20:21	10/04/16 11:07	1
Carbazole	0.85	U	10	0.85	ug/L		10/03/16 20:21	10/04/16 11:07	1
Di-n-butyl phthalate	0.82	U	10	0.82	ug/L		10/03/16 20:21	10/04/16 11:07	1
Fluoranthene	0.72	U	10	0.72	ug/L		10/03/16 20:21	10/04/16 11:07	1
Pyrene	0.83	U	10	0.83	ug/L		10/03/16 20:21	10/04/16 11:07	1
Butyl benzyl phthalate	0.60	U	10	0.60	ug/L		10/03/16 20:21	10/04/16 11:07	1
3,3'-Dichlorobenzidine	1.0	U	10	1.0	ug/L		10/03/16 20:21	10/04/16 11:07	1
Benzo[a]anthracene	0.55	U	1.0	0.55	ug/L		10/03/16 20:21	10/04/16 11:07	1
Chrysene	0.67	U	2.0	0.67	ug/L		10/03/16 20:21	10/04/16 11:07	1
Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72	ug/L		10/03/16 20:21	10/04/16 11:07	1
Di-n-octyl phthalate	0.69	U	10	0.69	ug/L		10/03/16 20:21	10/04/16 11:07	1
Benzo[b]fluoranthene	0.44	U	1.0	0.44	ug/L		10/03/16 20:21	10/04/16 11:07	1
Benzo[k]fluoranthene	0.18	U	1.0	0.18	ug/L		10/03/16 20:21	10/04/16 11:07	1
Benzo[a]pyrene	0.16	U	1.0	0.16	ug/L		10/03/16 20:21	10/04/16 11:07	1
Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21	ug/L		10/03/16 20:21	10/04/16 11:07	1
Dibenz(a,h)anthracene	0.090	U	1.0	0.090	ug/L		10/03/16 20:21	10/04/16 11:07	1
Benzo[g,h,i]perylene	0.75	U	10	0.75	ug/L		10/03/16 20:21	10/04/16 11:07	1
bis (2-chloroisopropyl) ether	0.93	U	10	0.93	ug/L		10/03/16 20:21	10/04/16 11:07	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*10/03/16 20:21*	*10/04/16 11:07*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*55*		*49 - 125*	*10/03/16 20:21*	*10/04/16 11:07*	*1*
Terphenyl-d14	*59*		*28 - 150*	*10/03/16 20:21*	*10/04/16 11:07*	*1*
2-Fluorobiphenyl	*51*		*44 - 129*	*10/03/16 20:21*	*10/04/16 11:07*	*1*

Lab Sample ID: LCS 460-394654/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 394601 — **Prep Batch: 394654**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-chloroethyl)ether	80.0	50.4		ug/L		63	12 - 158
1,3-Dichlorobenzene	80.0	43.1		ug/L		54	0.1 - 172
1,4-Dichlorobenzene	80.0	44.9		ug/L		56	20 - 124
1,2-Dichlorobenzene	80.0	44.5		ug/L		56	32 - 129
N-Nitrosodi-n-propylamine	80.0	46.3		ug/L		58	0.1 - 230
Hexachloroethane	80.0	41.0		ug/L		51	40 - 113
Nitrobenzene	80.0	48.4		ug/L		60	35 - 180
Isophorone	80.0	47.0		ug/L		59	21 - 196
Bis(2-chloroethoxy)methane	80.0	53.9		ug/L		67	33 - 184
1,2,4-Trichlorobenzene	80.0	43.4		ug/L		54	44 - 142

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-394654/2-A
Matrix: Water
Analysis Batch: 394601

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 394654

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Naphthalene	80.0	49.1		ug/L		61	21 - 133
4-Chloroaniline	80.0	49.8		ug/L		62	49 - 117
Hexachlorobutadiene	80.0	40.9		ug/L		51	24 - 116
2-Methylnaphthalene	80.0	48.3		ug/L		60	56 - 113
Hexachlorocyclopentadiene	80.0	41.6		ug/L		52	27 - 124
2-Chloronaphthalene	80.0	53.4		ug/L		67	60 - 118
2-Nitroaniline	80.0	56.0		ug/L		70	54 - 128
Dimethyl phthalate	80.0	54.1		ug/L		68	0.1 - 112
Acenaphthylene	80.0	51.6		ug/L		65	33 - 145
2,6-Dinitrotoluene	80.0	55.3		ug/L		69	50 - 158
3-Nitroaniline	80.0	49.8		ug/L		62	51 - 130
Acenaphthene	80.0	46.8		ug/L		59	47 - 145
Dibenzofuran	80.0	51.6		ug/L		64	59 - 121
2,4-Dinitrotoluene	80.0	57.7		ug/L		72	39 - 139
Diethyl phthalate	80.0	54.6		ug/L		68	0.1 - 114
4-Chlorophenyl phenyl ether	80.0	55.6		ug/L		70	25 - 158
Fluorene	80.0	51.2		ug/L		64	59 - 121
4-Nitroaniline	80.0	53.4		ug/L		67	48 - 136
N-Nitrosodiphenylamine	80.0	50.7		ug/L		63	53 - 130
4-Bromophenyl phenyl ether	80.0	50.7		ug/L		63	53 - 127
Hexachlorobenzene	80.0	54.6		ug/L		68	0.1 - 152
Phenanthrene	80.0	52.5		ug/L		66	54 - 120
Anthracene	80.0	49.1		ug/L		61	27 - 133
Carbazole	80.0	50.6	*	ug/L		63	64 - 129
Di-n-butyl phthalate	80.0	53.7		ug/L		67	1 - 118
Fluoranthene	80.0	52.8		ug/L		66	26 - 137
Pyrene	80.0	57.3		ug/L		72	52 - 115
Butyl benzyl phthalate	80.0	65.8		ug/L		82	0.1 - 152
3,3'-Dichlorobenzidine	80.0	55.7		ug/L		70	0.1 - 262
Benzo[a]anthracene	80.0	58.7		ug/L		73	33 - 143
Chrysene	80.0	61.8		ug/L		77	17 - 168
Bis(2-ethylhexyl) phthalate	80.0	62.1		ug/L		78	8 - 158
Di-n-octyl phthalate	80.0	58.9		ug/L		74	4 - 146
Benzo[b]fluoranthene	80.0	57.8		ug/L		72	24 - 159
Benzo[k]fluoranthene	80.0	53.0		ug/L		66	11 - 162
Benzo[a]pyrene	80.0	57.1		ug/L		71	17 - 163
Indeno[1,2,3-cd]pyrene	80.0	69.1		ug/L		86	0.1 - 171
Dibenz(a,h)anthracene	80.0	64.8		ug/L		81	0.1 - 227
Benzo[g,h,i]perylene	80.0	64.6		ug/L		81	0.1 - 219
bis (2-chloroisopropyl) ether	80.0	51.7		ug/L		65	36 - 166

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*59*		*49 - 125*
Terphenyl-d14	*63*		*28 - 150*
2-Fluorobiphenyl	*62*		*44 - 129*

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-394654/3-A
Matrix: Water
Analysis Batch: 394601

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 394654

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bis(2-chloroethyl)ether	80.0	54.7		ug/L		68	12 - 158	8	40
1,3-Dichlorobenzene	80.0	48.6		ug/L		61	0.1 - 172	12	40
1,4-Dichlorobenzene	80.0	48.5		ug/L		61	20 - 124	8	40
1,2-Dichlorobenzene	80.0	48.5		ug/L		61	32 - 129	9	40
N-Nitrosodi-n-propylamine	80.0	52.4		ug/L		65	0.1 - 230	12	40
Hexachloroethane	80.0	46.0		ug/L		57	40 - 113	12	40
Nitrobenzene	80.0	54.6		ug/L		68	35 - 180	12	40
Isophorone	80.0	53.8		ug/L		67	21 - 196	14	40
Bis(2-chloroethoxy)methane	80.0	58.2		ug/L		73	33 - 184	8	40
1,2,4-Trichlorobenzene	80.0	49.3		ug/L		62	44 - 142	13	40
Naphthalene	80.0	53.7		ug/L		67	21 - 133	9	40
4-Chloroaniline	80.0	52.3		ug/L		65	49 - 117	5	40
Hexachlorobutadiene	80.0	48.9		ug/L		61	24 - 116	18	40
2-Methylnaphthalene	80.0	54.0		ug/L		68	56 - 113	11	40
Hexachlorocyclopentadiene	80.0	44.6		ug/L		56	27 - 124	7	40
2-Chloronaphthalene	80.0	55.4		ug/L		69	60 - 118	4	40
2-Nitroaniline	80.0	58.0		ug/L		72	54 - 128	3	40
Dimethyl phthalate	80.0	58.4		ug/L		73	0.1 - 112	8	40
Acenaphthylene	80.0	57.6		ug/L		72	33 - 145	11	40
2,6-Dinitrotoluene	80.0	59.8		ug/L		75	50 - 158	8	40
3-Nitroaniline	80.0	57.5		ug/L		72	51 - 130	14	40
Acenaphthene	80.0	60.4		ug/L		76	47 - 145	25	40
Dibenzofuran	80.0	55.9		ug/L		70	59 - 121	8	40
2,4-Dinitrotoluene	80.0	60.0		ug/L		75	39 - 139	4	40
Diethyl phthalate	80.0	60.1		ug/L		75	0.1 - 114	10	40
4-Chlorophenyl phenyl ether	80.0	60.6		ug/L		76	25 - 158	9	40
Fluorene	80.0	56.6		ug/L		71	59 - 121	10	40
4-Nitroaniline	80.0	58.8		ug/L		74	48 - 136	10	40
N-Nitrosodiphenylamine	80.0	59.0		ug/L		74	53 - 130	15	40
4-Bromophenyl phenyl ether	80.0	61.2		ug/L		77	53 - 127	19	40
Hexachlorobenzene	80.0	58.0		ug/L		72	0.1 - 152	6	40
Phenanthrene	80.0	58.3		ug/L		73	54 - 120	11	40
Anthracene	80.0	56.0		ug/L		70	27 - 133	13	40
Carbazole	80.0	57.4		ug/L		72	64 - 129	13	40
Di-n-butyl phthalate	80.0	58.7		ug/L		73	1 - 118	9	40
Fluoranthene	80.0	61.2		ug/L		76	26 - 137	15	40
Pyrene	80.0	64.8		ug/L		81	52 - 115	12	40
Butyl benzyl phthalate	80.0	66.9		ug/L		84	0.1 - 152	2	40
3,3'-Dichlorobenzidine	80.0	59.2		ug/L		74	0.1 - 262	6	40
Benzo[a]anthracene	80.0	63.3		ug/L		79	33 - 143	8	40
Chrysene	80.0	67.1		ug/L		84	17 - 168	8	40
Bis(2-ethylhexyl) phthalate	80.0	67.2		ug/L		84	8 - 158	8	40
Di-n-octyl phthalate	80.0	66.5		ug/L		83	4 - 146	12	40
Benzo[b]fluoranthene	80.0	57.8		ug/L		72	24 - 159	0	40
Benzo[k]fluoranthene	80.0	69.0		ug/L		86	11 - 162	26	40
Benzo[a]pyrene	80.0	65.1		ug/L		81	17 - 163	13	40
Indeno[1,2,3-cd]pyrene	80.0	70.6		ug/L		88	0.1 - 171	2	40
Dibenz(a,h)anthracene	80.0	75.0		ug/L		94	0.1 - 227	15	40

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-394654/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 394601 — **Prep Batch: 394654**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzo[g,h,i]perylene			80.0	70.9		ug/L		89	0.1 - 219	9	40
bis (2-chloroisopropyl) ether			80.0	55.0		ug/L		69	36 - 166	6	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Nitrobenzene-d5	*68*		*49 - 125*
Terphenyl-d14	*67*		*28 - 150*
2-Fluorobiphenyl	*60*		*44 - 129*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-394557/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 394836 — **Prep Batch: 394557**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 14:24	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 14:24	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 14:24	1
Aroclor 1242	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 14:24	1
Aroclor 1248	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 14:24	1
Aroclor 1254	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 14:24	1
Aroclor 1260	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 14:24	1
Aroclor 1262	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 14:24	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 14:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*105*		*10 - 150*	*10/03/16 13:55*	*10/04/16 14:24*	*1*
DCB Decachlorobiphenyl	*113*		*10 - 150*	*10/03/16 13:55*	*10/04/16 14:24*	*1*

Lab Sample ID: LCS 460-394557/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 394836 — **Prep Batch: 394557**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016			4.00	4.00		ug/L		100	77 - 150
Aroclor 1016			4.00	4.34		ug/L		109	77 - 150
Aroclor 1260			4.00	4.30		ug/L		108	80 - 150
Aroclor 1260			4.00	4.67		ug/L		117	80 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*95*		*10 - 150*
DCB Decachlorobiphenyl	*100*		*10 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 460-394557/3-A
Matrix: Water
Analysis Batch: 394836

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 394557

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016			4.00	3.59		ug/L		90	77 - 150	11	30
Aroclor 1016			4.00	3.86		ug/L		97	77 - 150	12	30
Aroclor 1260			4.00	3.92		ug/L		98	80 - 150	9	30
Aroclor 1260			4.00	4.24		ug/L		106	80 - 150	10	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*87*		*10 - 150*
DCB Decachlorobiphenyl	*91*		*10 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - RA

Lab Sample ID: MB 460-394557/1-A
Matrix: Water
Analysis Batch: 395004

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 394557

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016 - RA	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 10:44	1
Aroclor 1221 - RA	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 10:44	1
Aroclor 1232 - RA	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 10:44	1
Aroclor 1242 - RA	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 10:44	1
Aroclor 1248 - RA	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 10:44	1
Aroclor 1254 - RA	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 10:44	1
Aroclor 1260 - RA	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 10:44	1
Aroclor 1262 - RA	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 10:44	1
Aroclor 1268 - RA	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 10:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl - RA	*105*		*10 - 150*	*10/03/16 13:55*	*10/05/16 10:44*	*1*
DCB Decachlorobiphenyl - RA	*110*		*10 - 150*	*10/03/16 13:55*	*10/05/16 10:44*	*1*

Lab Sample ID: LCS 460-394557/2-A
Matrix: Water
Analysis Batch: 395004

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 394557

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016 - RA			4.00	3.87		ug/L		97	77 - 150
Aroclor 1016 - RA			4.00	4.08		ug/L		102	77 - 150
Aroclor 1260 - RA			4.00	4.26		ug/L		107	80 - 150
Aroclor 1260 - RA			4.00	4.54		ug/L		114	80 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl - RA	*94*		*10 - 150*
DCB Decachlorobiphenyl - RA	*99*		*10 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - RA (Continued)

Lab Sample ID: LCSD 460-394557/3-A
Matrix: Water
Analysis Batch: 395004

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 394557

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016 - RA			4.00	3.57		ug/L		89	77 - 150	8	30
Aroclor 1016 - RA			4.00	3.77		ug/L		94	77 - 150	8	30
Aroclor 1260 - RA			4.00	3.78		ug/L		94	80 - 150	12	30
Aroclor 1260 - RA			4.00	4.04		ug/L		101	80 - 150	12	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl - RA	*85*		*10 - 150*
DCB Decachlorobiphenyl - RA	*88*		*10 - 150*

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 460-394840/1
Matrix: Water
Analysis Batch: 394840

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	10.0	U	10.0	10.0	mg/L			10/04/16 13:46	1

Lab Sample ID: LCSSRM 460-394840/2
Matrix: Water
Analysis Batch: 394840

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Dissolved Solids			274	296.0		mg/L		108.0	84.3 - 109.9		

Lab Sample ID: 460-121153-A-1 DU
Matrix: Water
Analysis Batch: 394840

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1070			1160	F3	mg/L				8	5

Lab Sample ID: 460-121204-D-1 DU
Matrix: Water
Analysis Batch: 394840

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	856			860.0		mg/L				0.5	5

Lab Sample ID: MB 460-395114/1
Matrix: Water
Analysis Batch: 395114

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	0.10	U	0.10	0.10	mg/L			10/05/16 13:20	1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCSSRM 460-395114/2
Matrix: Water
Analysis Batch: 395114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Dissolved Solids			274	244.0		mg/L		89.1	84.3 - 109.9		

Lab Sample ID: 460-121216-G-1 DU
Matrix: Water
Analysis Batch: 395114

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1210			1316	F3	mg/L				9	5

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 460-394756/1
Matrix: Water
Analysis Batch: 394756

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	1.0	U	1.0	1.0	mg/L			10/04/16 08:44	1

Lab Sample ID: LCSSRM 460-394756/2
Matrix: Water
Analysis Batch: 394756

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Suspended Solids			79.0	78.00		mg/L		98.7	82.7 - 107.0		

Lab Sample ID: 460-121000-I-2 DU
Matrix: Water
Analysis Batch: 394756

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Suspended Solids	1.0	U		1.0	U	mg/L				NC	5

Lab Sample ID: 460-121034-E-3 DU
Matrix: Water
Analysis Batch: 394756

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Suspended Solids	1.0	U		1.0	U	mg/L				NC	5

Lab Sample ID: MB 460-394761/1
Matrix: Water
Analysis Batch: 394761

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	1.0	U	1.0	1.0	mg/L			10/04/16 09:41	1

Method: SM 2540D - Solids, Total Suspended (TSS) (Continued)

Lab Sample ID: LCSSRM 460-394761/2
Matrix: Water
Analysis Batch: 394761

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Suspended Solids			79.0	70.00		mg/L		88.6	82.7 - 107.0		

Lab Sample ID: 460-121103-C-2 DU
Matrix: Water
Analysis Batch: 394761

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Suspended Solids	850			950.0	F3	mg/L				11	5

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD is outside acceptance limits.
X	Surrogate is outside control limits
F1	MS and/or MSD Recovery is outside acceptance limits.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	This flag indicates the presumptive evidence of a compound.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD is outside acceptance limits.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	This flag indicates the presumptive evidence of a compound.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
F3	Duplicate RPD exceeds the control limit

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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)

GC/MS VOA

Analysis Batch: 394312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121167-1	MW-13D	Total/NA	Water	624	
460-121167-2	MW-7B	Total/NA	Water	624	
460-121167-3	MW-7D	Total/NA	Water	624	
460-121167-4	MW-13	Total/NA	Water	624	
460-121167-8	MW-6	Total/NA	Water	624	
460-121167-11	FB-20160929	Total/NA	Water	624	
460-121167-12	Trip Blank	Total/NA	Water	624	
MB 460-394312/7	Method Blank	Total/NA	Water	624	
LCS 460-394312/4	Lab Control Sample	Total/NA	Water	624	
460-121138-B-1 MS	Matrix Spike	Total/NA	Water	624	
460-121138-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	624	

Analysis Batch: 394593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121167-6	MW-3	Total/NA	Water	624	
460-121167-7	MW-3 Filtered	Total/NA	Water	624	
460-121167-9	MW-6 Filtered	Total/NA	Water	624	
460-121167-10	MW-8	Total/NA	Water	624	
MB 460-394593/8	Method Blank	Total/NA	Water	624	
LCS 460-394593/5	Lab Control Sample	Total/NA	Water	624	
460-121167-6 MS	MW-3	Total/NA	Water	624	
460-121167-6 MSD	MW-3	Total/NA	Water	624	

Analysis Batch: 394701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121167-5	MW-8D	Total/NA	Water	624	
MB 460-394701/8	Method Blank	Total/NA	Water	624	
LCS 460-394701/5	Lab Control Sample	Total/NA	Water	624	
460-121202-A-4 MS	Matrix Spike	Total/NA	Water	624	
460-121202-A-4 MSD	Matrix Spike Duplicate	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 394513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121167-1	MW-13D	Total/NA	Water	625	
460-121167-2	MW-7B	Total/NA	Water	625	
460-121167-3	MW-7D	Total/NA	Water	625	
460-121167-4	MW-13	Total/NA	Water	625	
460-121167-5	MW-8D	Total/NA	Water	625	
460-121167-6	MW-3	Total/NA	Water	625	
460-121167-7	MW-3 Filtered	Total/NA	Water	625	
460-121167-8	MW-6	Total/NA	Water	625	
460-121167-9	MW-6 Filtered	Total/NA	Water	625	
460-121167-10	MW-8	Total/NA	Water	625	
MB 460-394513/1-A	Method Blank	Total/NA	Water	625	
LCS 460-394513/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 460-394513/3-A	Lab Control Sample Dup	Total/NA	Water	625	

GC/MS Semi VOA (Continued)

Analysis Batch: 394601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121167-1	MW-13D	Total/NA	Water	625	394513
460-121167-2	MW-7B	Total/NA	Water	625	394513
460-121167-3	MW-7D	Total/NA	Water	625	394513
460-121167-4	MW-13	Total/NA	Water	625	394513
460-121167-5	MW-8D	Total/NA	Water	625	394513
460-121167-6	MW-3	Total/NA	Water	625	394513
460-121167-7	MW-3 Filtered	Total/NA	Water	625	394513
460-121167-8	MW-6	Total/NA	Water	625	394513
460-121167-9	MW-6 Filtered	Total/NA	Water	625	394513
460-121167-10	MW-8	Total/NA	Water	625	394513
460-121167-11	FB-20160929	Total/NA	Water	625	394654
MB 460-394513/1-A	Method Blank	Total/NA	Water	625	394513
MB 460-394654/1-A	Method Blank	Total/NA	Water	625	394654
LCS 460-394513/2-A	Lab Control Sample	Total/NA	Water	625	394513
LCS 460-394654/2-A	Lab Control Sample	Total/NA	Water	625	394654
LCSD 460-394513/3-A	Lab Control Sample Dup	Total/NA	Water	625	394513
LCSD 460-394654/3-A	Lab Control Sample Dup	Total/NA	Water	625	394654

Prep Batch: 394654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121167-11	FB-20160929	Total/NA	Water	625	
MB 460-394654/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-394654/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-394654/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

GC Semi VOA

Prep Batch: 394557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121167-1	MW-13D	Total/NA	Water	3510C	
460-121167-2	MW-7B	Total/NA	Water	3510C	
460-121167-3	MW-7D	Total/NA	Water	3510C	
460-121167-4 - DL	MW-13	Total/NA	Water	3510C	
460-121167-5	MW-8D	Total/NA	Water	3510C	
460-121167-6	MW-3	Total/NA	Water	3510C	
460-121167-7	MW-3 Filtered	Total/NA	Water	3510C	
460-121167-8	MW-6	Total/NA	Water	3510C	
460-121167-9	MW-6 Filtered	Total/NA	Water	3510C	
460-121167-10	MW-8	Total/NA	Water	3510C	
460-121167-11	FB-20160929	Total/NA	Water	3510C	
MB 460-394557/1-A - RA	Method Blank	Total/NA	Water	3510C	
MB 460-394557/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-394557/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 460-394557/2-A - RA	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-394557/3-A - RA	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 460-394557/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 394836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121167-1	MW-13D	Total/NA	Water	8082A	394557

GC Semi VOA (Continued)

Analysis Batch: 394836 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121167-2	MW-7B	Total/NA	Water	8082A	394557
460-121167-3	MW-7D	Total/NA	Water	8082A	394557
460-121167-5	MW-8D	Total/NA	Water	8082A	394557
460-121167-6	MW-3	Total/NA	Water	8082A	394557
460-121167-8	MW-6	Total/NA	Water	8082A	394557
460-121167-9	MW-6 Filtered	Total/NA	Water	8082A	394557
460-121167-11	FB-20160929	Total/NA	Water	8082A	394557
MB 460-394557/1-A	Method Blank	Total/NA	Water	8082A	394557
LCS 460-394557/2-A	Lab Control Sample	Total/NA	Water	8082A	394557
LCSD 460-394557/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	394557

Analysis Batch: 395004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121167-4 - DL	MW-13	Total/NA	Water	8082A	394557
460-121167-7	MW-3 Filtered	Total/NA	Water	8082A	394557
460-121167-10	MW-8	Total/NA	Water	8082A	394557
MB 460-394557/1-A - RA	Method Blank	Total/NA	Water	8082A	394557
LCS 460-394557/2-A - RA	Lab Control Sample	Total/NA	Water	8082A	394557
LCSD 460-394557/3-A - RA	Lab Control Sample Dup	Total/NA	Water	8082A	394557

General Chemistry

Analysis Batch: 394756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121167-1	MW-13D	Total/NA	Water	SM 2540D	
460-121167-2	MW-7B	Total/NA	Water	SM 2540D	
460-121167-3	MW-7D	Total/NA	Water	SM 2540D	
460-121167-4	MW-13	Total/NA	Water	SM 2540D	
460-121167-5	MW-8D	Total/NA	Water	SM 2540D	
460-121167-6	MW-3	Total/NA	Water	SM 2540D	
460-121167-7	MW-3 Filtered	Total/NA	Water	SM 2540D	
MB 460-394756/1	Method Blank	Total/NA	Water	SM 2540D	
LCSSRM 460-394756/2	Lab Control Sample	Total/NA	Water	SM 2540D	
460-121000-I-2 DU	Duplicate	Total/NA	Water	SM 2540D	
460-121034-E-3 DU	Duplicate	Total/NA	Water	SM 2540D	

Analysis Batch: 394761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121167-8	MW-6	Total/NA	Water	SM 2540D	
460-121167-9	MW-6 Filtered	Total/NA	Water	SM 2540D	
460-121167-10	MW-8	Total/NA	Water	SM 2540D	
460-121167-11	FB-20160929	Total/NA	Water	SM 2540D	
MB 460-394761/1	Method Blank	Total/NA	Water	SM 2540D	
LCSSRM 460-394761/2	Lab Control Sample	Total/NA	Water	SM 2540D	
460-121103-C-2 DU	Duplicate	Total/NA	Water	SM 2540D	

Analysis Batch: 394840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121167-1	MW-13D	Total/NA	Water	SM 2540C	
460-121167-3	MW-7D	Total/NA	Water	SM 2540C	

General Chemistry (Continued)

Analysis Batch: 394840 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121167-4	MW-13	Total/NA	Water	SM 2540C	
460-121167-5	MW-8D	Total/NA	Water	SM 2540C	
460-121167-6	MW-3	Total/NA	Water	SM 2540C	
460-121167-7	MW-3 Filtered	Total/NA	Water	SM 2540C	
460-121167-8	MW-6	Total/NA	Water	SM 2540C	
460-121167-9	MW-6 Filtered	Total/NA	Water	SM 2540C	
460-121167-10	MW-8	Total/NA	Water	SM 2540C	
MB 460-394840/1	Method Blank	Total/NA	Water	SM 2540C	
LCSSRM 460-394840/2	Lab Control Sample	Total/NA	Water	SM 2540C	
460-121153-A-1 DU	Duplicate	Total/NA	Water	SM 2540C	
460-121204-D-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 395114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121167-2	MW-7B	Total/NA	Water	SM 2540C	
460-121167-11	FB-20160929	Total/NA	Water	SM 2540C	
MB 460-395114/1	Method Blank	Total/NA	Water	SM 2540C	
LCSSRM 460-395114/2	Lab Control Sample	Total/NA	Water	SM 2540C	
460-121216-G-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Client Sample ID: MW-13D
Date Collected: 09/29/16 09:30
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394312	10/02/16 23:50	SZD	TAL EDI
Total/NA	Prep	625			394513	10/03/16 10:31	GRB	TAL EDI
Total/NA	Analysis	625		1	394601	10/04/16 07:25	MMC	TAL EDI
Total/NA	Prep	3510C			394557	10/03/16 13:55	KVR	TAL EDI
Total/NA	Analysis	8082A		1	394836	10/04/16 16:01	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	394840	10/04/16 13:46	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	394756	10/04/16 08:44	PLS	TAL EDI

Client Sample ID: MW-7B
Date Collected: 09/29/16 09:45
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394312	10/03/16 00:12	SZD	TAL EDI
Total/NA	Prep	625			394513	10/03/16 10:31	GRB	TAL EDI
Total/NA	Analysis	625		1	394601	10/04/16 07:48	MMC	TAL EDI
Total/NA	Prep	3510C			394557	10/03/16 13:55	KVR	TAL EDI
Total/NA	Analysis	8082A		1	394836	10/04/16 16:16	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	395114	10/05/16 13:20	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	394756	10/04/16 08:44	PLS	TAL EDI

Client Sample ID: MW-7D
Date Collected: 09/29/16 11:05
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394312	10/03/16 00:34	SZD	TAL EDI
Total/NA	Prep	625			394513	10/03/16 10:31	GRB	TAL EDI
Total/NA	Analysis	625		1	394601	10/04/16 08:10	MMC	TAL EDI
Total/NA	Prep	3510C			394557	10/03/16 13:55	KVR	TAL EDI
Total/NA	Analysis	8082A		1	394836	10/04/16 16:31	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	394840	10/04/16 13:46	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	394756	10/04/16 08:44	PLS	TAL EDI

Client Sample ID: MW-13
Date Collected: 09/29/16 11:10
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394312	10/03/16 00:55	SZD	TAL EDI
Total/NA	Prep	625			394513	10/03/16 10:31	GRB	TAL EDI
Total/NA	Analysis	625		1	394601	10/04/16 08:32	MMC	TAL EDI

Client Sample ID: MW-13
Date Collected: 09/29/16 11:10
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C	DL		394557	10/03/16 13:55	KVR	TAL EDI
Total/NA	Analysis	8082A	DL	10	395004	10/05/16 10:00	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	394840	10/04/16 13:46	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	394756	10/04/16 08:44	PLS	TAL EDI

Client Sample ID: MW-8D
Date Collected: 09/29/16 12:35
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394701	10/04/16 20:38	CJM	TAL EDI
Total/NA	Prep	625			394513	10/03/16 10:31	GRB	TAL EDI
Total/NA	Analysis	625		1	394601	10/04/16 08:54	MMC	TAL EDI
Total/NA	Prep	3510C			394557	10/03/16 13:55	KVR	TAL EDI
Total/NA	Analysis	8082A		1	394836	10/04/16 17:00	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	394840	10/04/16 13:46	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	394756	10/04/16 08:44	PLS	TAL EDI

Client Sample ID: MW-3
Date Collected: 09/29/16 12:50
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394593	10/03/16 21:30	CJM	TAL EDI
Total/NA	Prep	625			394513	10/03/16 10:31	GRB	TAL EDI
Total/NA	Analysis	625		1	394601	10/04/16 09:16	MMC	TAL EDI
Total/NA	Prep	3510C			394557	10/03/16 13:55	KVR	TAL EDI
Total/NA	Analysis	8082A		1	394836	10/04/16 17:15	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	394840	10/04/16 13:46	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	394756	10/04/16 08:44	PLS	TAL EDI

Client Sample ID: MW-3 Filtered
Date Collected: 09/29/16 13:00
Date Received: 09/29/16 20:35

Lab Sample ID: 460-121167-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394593	10/03/16 22:22	CJM	TAL EDI
Total/NA	Prep	625			394513	10/03/16 10:31	GRB	TAL EDI
Total/NA	Analysis	625		1	394601	10/04/16 09:38	MMC	TAL EDI
Total/NA	Prep	3510C			394557	10/03/16 13:55	KVR	TAL EDI
Total/NA	Analysis	8082A		1	395004	10/05/16 09:13	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	394840	10/04/16 13:46	PLS	TAL EDI

Client Sample ID: MW-3 Filtered

Lab Sample ID: 460-121167-7

Date Collected: 09/29/16 13:00

Matrix: Water

Date Received: 09/29/16 20:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	394756	10/04/16 08:44	PLS	TAL EDI

Client Sample ID: MW-6

Lab Sample ID: 460-121167-8

Date Collected: 09/29/16 14:35

Matrix: Water

Date Received: 09/29/16 20:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394312	10/03/16 02:01	SZD	TAL EDI
Total/NA	Prep	625			394513	10/03/16 10:31	GRB	TAL EDI
Total/NA	Analysis	625		1	394601	10/04/16 10:01	MMC	TAL EDI
Total/NA	Prep	3510C			394557	10/03/16 13:55	KVR	TAL EDI
Total/NA	Analysis	8082A		1	394836	10/04/16 17:45	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	394840	10/04/16 13:46	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	394761	10/04/16 09:41	PLS	TAL EDI

Client Sample ID: MW-6 Filtered

Lab Sample ID: 460-121167-9

Date Collected: 09/29/16 14:45

Matrix: Water

Date Received: 09/29/16 20:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394593	10/03/16 22:47	CJM	TAL EDI
Total/NA	Prep	625			394513	10/03/16 10:31	GRB	TAL EDI
Total/NA	Analysis	625		1	394601	10/04/16 10:23	MMC	TAL EDI
Total/NA	Prep	3510C			394557	10/03/16 13:55	KVR	TAL EDI
Total/NA	Analysis	8082A		1	394836	10/04/16 18:00	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	394840	10/04/16 13:46	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	394761	10/04/16 09:41	PLS	TAL EDI

Client Sample ID: MW-8

Lab Sample ID: 460-121167-10

Date Collected: 09/29/16 14:50

Matrix: Water

Date Received: 09/29/16 20:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394593	10/03/16 23:13	CJM	TAL EDI
Total/NA	Prep	625			394513	10/03/16 10:31	GRB	TAL EDI
Total/NA	Analysis	625		1	394601	10/04/16 10:45	MMC	TAL EDI
Total/NA	Prep	3510C			394557	10/03/16 13:55	KVR	TAL EDI
Total/NA	Analysis	8082A		1	395004	10/05/16 10:14	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	394840	10/04/16 13:46	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	394761	10/04/16 09:41	PLS	TAL EDI

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-121167-1

Client Sample ID: FB-20160929

Lab Sample ID: 460-121167-11

Date Collected: 09/29/16 15:40

Matrix: Water

Date Received: 09/29/16 20:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394312	10/02/16 19:51	SZD	TAL EDI
Total/NA	Prep	625			394654	10/03/16 20:21	RAR	TAL EDI
Total/NA	Analysis	625		1	394601	10/04/16 13:43	MMC	TAL EDI
Total/NA	Prep	3510C			394557	10/03/16 13:55	KVR	TAL EDI
Total/NA	Analysis	8082A		1	394836	10/04/16 18:30	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	395114	10/05/16 13:20	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	394761	10/04/16 09:41	PLS	TAL EDI

Client Sample ID: Trip Blank

Lab Sample ID: 460-121167-12

Date Collected: 09/29/16 00:00

Matrix: Water

Date Received: 09/29/16 20:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394312	10/02/16 20:13	SZD	TAL EDI

Laboratory References:

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

Certification Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-121167-1

Laboratory: TestAmerica Edison

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New Jersey	NELAP	2	12028	06-30-17

Method 624

Volatile Organic Compounds (GC/MS) by Method 624

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

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	#
MW-13D	460-121167-1	100		110		103		91	
MW-7B	460-121167-2	101		112		103		90	
MW-7D	460-121167-3	101		112		103		91	
MW-13	460-121167-4	103		112		103		92	
MW-8D	460-121167-5	99		101		100		88	
MW-3	460-121167-6	149	X	100		103		87	
MW-3 Filtered	460-121167-7	89		92		96		84	
MW-6	460-121167-8	101		111		103		91	
MW-6 Filtered	460-121167-9	132	X	118		96		88	
MW-8	460-121167-10	89		88		96		90	
FB-20160929	460-121167-11	101		113		104		91	
Trip Blank	460-121167-12	100		111		104		91	
	MB 460-394312/7	99		108		104		91	
	MB 460-394593/8	102		91		100		97	
	MB 460-394701/8	116		98		91		87	
	LCS 460-394312/4	100		107		104		92	
	LCS 460-394593/5	107		94		98		94	
	LCS 460-394701/5	82		88		99		96	
MW-3 MS	460-121167-6 MS	74	X	93		97		114	
	460-121138-B-1 MS	99		109		101		91	
	460-121202-A-4 MS	99		106		99		87	
MW-3 MSD	460-121167-6 MSD	105		109		97		93	
	460-121138-B-1 MSD	99		109		105		92	
	460-121202-A-4 MSD	102		104		102		91	

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	80-120
DCA = 1,2-Dichloroethane-d4 (Surr)	48-130
TOL = Toluene-d8 (Surr)	80-120
BFB = Bromofluorobenzene	71-131

Column to be used to flag recovery values

FORM II 624

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A27610.D

Lab ID: LCS 460-394312/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Ethyl Chloride	20.0	18.4	92	14-230	
Vinyl chloride	20.0	19.6	98	0-251	
Bromomethane	20.0	17.8	89	0-242	
Chloromethane	20.0	19.4	97	0-273	
Acetone	100	104	104	48-143	
Carbon disulfide	20.0	18.7	94	51-144	
Methylene Chloride	20.0	21.4	107	0-221	
Trichlorofluoromethane	20.0	18.5	93	17-181	
1,1-Dichloroethene	20.0	18.4	92	0-234	
Chloroform	20.0	20.7	103	51-138	
Toluene	20.0	19.9	99	78-120	
Benzene	20.0	20.5	103	37-151	
Freon TF	20.0	19.4	97	48-150	
Styrene	20.0	19.4	97	80-126	
Bromoform	20.0	15.4	77	45-169	
Cyclohexane	20.0	21.3	106	59-150	
Carbon tetrachloride	20.0	18.0	90	70-140	
Chlorobenzene	20.0	19.9	99	37-160	
1,1,2,2-Tetrachloroethane	20.0	22.1	111	46-147	
1,2,4-Trichlorobenzene	20.0	21.2	106	64-124	
1,2,3-Trichlorobenzene	20.0	23.9	119	56-136	
1,2-Dichlorobenzene	20.0	21.2	106	18-190	
1,3-Dichlorobenzene	20.0	20.8	104	59-156	
1,4-Dichlorobenzene	20.0	20.5	102	18-190	
1,2-Dibromo-3-Chloropropane	20.0	21.8	109	48-129	
1,1,2-Trichloroethane	20.0	21.3	106	52-150	
4-Methyl-2-pentanone	100	99.1	99	73-124	
p-Dioxane	400	490	122	71-150	
1,2-Dichloroethane	20.0	20.6	103	49-155	
2-Butanone	100	93.0	93	57-144	
1,1-Dichloroethane	20.0	21.1	105	59-155	
2-Hexanone	100	100	100	60-137	
MTBE	20.0	21.1	106	63-128	
Tetrachloroethene	20.0	18.1	90	78-121	
Isopropylbenzene	20.0	19.7	98	80-120	
Ethylbenzene	20.0	19.7	98	37-162	
Bromodichloromethane	20.0	18.4	92	35-155	
Dichlorodifluoromethane	20.0	18.2	91	50-127	
Methyl acetate	100	113	113	39-150	
trans-1,3-Dichloropropene	20.0	18.8	94	17-183	
trans-1,2-Dichloroethene	20.0	19.5	98	54-156	
cis-1,2-Dichloroethene	20.0	20.1	101	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A27610.D

Lab ID: LCS 460-394312/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
cis-1,3-Dichloropropene	20.0	19.7	99	0-227	
Xylenes, Total	40.0	38.9	97	80-120	
Trichloroethene	20.0	18.9	95	71-157	
Methylcyclohexane	20.0	20.0	100	77-150	
1,1,1-Trichloroethane	20.0	18.9	95	52-162	
1,2-Dichloropropane	20.0	19.9	100	0-210	
Dibromochloromethane	20.0	17.7	88	53-149	
1,2-Dibromoethane	20.0	20.7	103	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E60556.D

Lab ID: LCS 460-394593/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Ethyl Chloride	20.0	30.8	154	14-230	
Vinyl chloride	20.0	16.5	82	0-251	
Bromomethane	20.0	19.4	97	0-242	
Chloromethane	20.0	15.5	78	0-273	
Acetone	100	76.6	77	48-143	
Carbon disulfide	20.0	17.4	87	51-144	
Methylene Chloride	20.0	18.0	90	0-221	
Trichlorofluoromethane	20.0	40.9	204	17-181	*
1,1-Dichloroethene	20.0	17.5	88	0-234	
Chloroform	20.0	19.6	98	51-138	
Toluene	20.0	19.3	96	78-120	
Benzene	20.0	19.6	98	37-151	
Freon TF	20.0	24.3	121	48-150	
Styrene	20.0	18.4	92	80-126	
Bromoform	20.0	16.6	83	45-169	
Cyclohexane	20.0	21.5	108	59-150	
Carbon tetrachloride	20.0	21.7	108	70-140	
Chlorobenzene	20.0	19.2	96	37-160	
1,1,2,2-Tetrachloroethane	20.0	19.1	95	46-147	
1,2,4-Trichlorobenzene	20.0	17.9	90	64-124	
1,2,3-Trichlorobenzene	20.0	17.5	88	56-136	
1,2-Dichlorobenzene	20.0	19.1	96	18-190	
1,3-Dichlorobenzene	20.0	19.2	96	59-156	
1,4-Dichlorobenzene	20.0	18.8	94	18-190	
1,2-Dibromo-3-Chloropropane	20.0	18.1	90	48-129	
1,1,2-Trichloroethane	20.0	18.6	93	52-150	
4-Methyl-2-pentanone	100	97.4	97	73-124	
p-Dioxane	400	358	89	71-150	
1,2-Dichloroethane	20.0	17.3	87	49-155	
2-Butanone	100	99.3	99	57-144	
1,1-Dichloroethane	20.0	18.0	90	59-155	
2-Hexanone	100	94.7	95	60-137	
MTBE	20.0	17.3	87	63-128	
Tetrachloroethene	20.0	19.7	98	78-121	
Isopropylbenzene	20.0	18.9	95	80-120	
Ethylbenzene	20.0	19.3	97	37-162	
Bromodichloromethane	20.0	18.6	93	35-155	
Dichlorodifluoromethane	20.0	22.4	112	50-127	
Methyl acetate	100	87.8	88	39-150	
trans-1,3-Dichloropropene	20.0	18.0	90	17-183	
trans-1,2-Dichloroethene	20.0	17.6	88	54-156	
cis-1,2-Dichloroethene	20.0	19.7	99	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E60556.D

Lab ID: LCS 460-394593/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
cis-1,3-Dichloropropene	20.0	18.0	90	0-227	
Xylenes, Total	40.0	37.5	94	80-120	
Trichloroethene	20.0	19.9	99	71-157	
Methylcyclohexane	20.0	24.3	121	77-150	
1,1,1-Trichloroethane	20.0	21.5	108	52-162	
1,2-Dichloropropane	20.0	17.3	86	0-210	
Dibromochloromethane	20.0	17.7	89	53-149	
1,2-Dibromoethane	20.0	18.6	93	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E60610.D

Lab ID: LCS 460-394701/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Ethyl Chloride	20.0	29.8	149	14-230	
Vinyl chloride	20.0	16.1	81	0-251	
Bromomethane	20.0	18.1	90	0-242	
Chloromethane	20.0	13.8	69	0-273	
Acetone	100	85.5	85	48-143	
Carbon disulfide	20.0	18.5	92	51-144	
Methylene Chloride	20.0	15.6	78	0-221	
Trichlorofluoromethane	20.0	30.3	151	17-181	
1,1-Dichloroethene	20.0	20.8	104	0-234	
Chloroform	20.0	16.8	84	51-138	
Toluene	20.0	19.4	97	78-120	
Benzene	20.0	19.4	97	37-151	
Freon TF	20.0	20.7	103	48-150	
Styrene	20.0	18.6	93	80-126	
Bromoform	20.0	16.8	84	45-169	
Cyclohexane	20.0	20.3	101	59-150	
Carbon tetrachloride	20.0	19.5	98	70-140	
Chlorobenzene	20.0	18.3	91	37-160	
1,1,2,2-Tetrachloroethane	20.0	16.3	81	46-147	
1,2,4-Trichlorobenzene	20.0	17.7	89	64-124	
1,2,3-Trichlorobenzene	20.0	16.6	83	56-136	
1,2-Dichlorobenzene	20.0	18.9	95	18-190	
1,3-Dichlorobenzene	20.0	18.0	90	59-156	
1,4-Dichlorobenzene	20.0	18.8	94	18-190	
1,2-Dibromo-3-Chloropropane	20.0	17.1	85	48-129	
1,1,2-Trichloroethane	20.0	17.8	89	52-150	
4-Methyl-2-pentanone	100	64.8	65	73-124	*
p-Dioxane	400	407	102	71-150	
1,2-Dichloroethane	20.0	15.5	77	49-155	
2-Butanone	100	75.2	75	57-144	
1,1-Dichloroethane	20.0	14.3	71	59-155	
2-Hexanone	100	61.4	61	60-137	
MTBE	20.0	17.7	89	63-128	
Tetrachloroethene	20.0	21.1	105	78-121	
Isopropylbenzene	20.0	18.6	93	80-120	
Ethylbenzene	20.0	19.6	98	37-162	
Bromodichloromethane	20.0	15.1	76	35-155	
Dichlorodifluoromethane	20.0	18.9	95	50-127	
Methyl acetate	100	92.0	92	39-150	
trans-1,3-Dichloropropene	20.0	19.9	99	17-183	
trans-1,2-Dichloroethene	20.0	14.3	71	54-156	
cis-1,2-Dichloroethene	20.0	18.3	91	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E60610.D

Lab ID: LCS 460-394701/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
cis-1,3-Dichloropropene	20.0	19.8	99	0-227	
Xylenes, Total	40.0	37.5	94	80-120	
Trichloroethene	20.0	16.2	81	71-157	
Methylcyclohexane	20.0	28.9	145	77-150	
1,1,1-Trichloroethane	20.0	17.5	88	52-162	
1,2-Dichloropropane	20.0	18.3	91	0-210	
Dibromochloromethane	20.0	18.9	95	53-149	
1,2-Dibromoethane	20.0	18.9	94	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E60580.D

Lab ID: 460-121167-6 MS Client ID: MW-3 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Ethyl Chloride	200	0.37 U	304	152	14-230	
Vinyl chloride	200	0.060 U	128	64	0-251	
Bromomethane	200	0.18 U	134	67	0-242	
Chloromethane	200	0.22 U	121	60	0-273	
Acetone	1000	1.1 U	967	97	48-143	
Carbon disulfide	200	0.22 U	163	81	51-144	
Methylene Chloride	200	0.21 U	143	72	0-221	
Trichlorofluoromethane	200	0.15 U	332	166	17-181	
1,1-Dichloroethene	200	0.34 U	124	62	0-234	
Chloroform	200	0.22 U	171	86	51-138	
Toluene	200	0.25 U	197	99	78-120	
Benzene	200	0.090 U	224	112	37-151	
Freon TF	200	0.34 U	202	101	48-150	
Styrene	200	0.17 U	196	98	80-126	
Bromoform	200	0.18 U	155	77	45-169	
Cyclohexane	200	0.26 U	229	115	59-150	
Carbon tetrachloride	200	0.33 U	206	103	70-140	
Chlorobenzene	200	0.24 U	196	98	37-160	
1,1,2,2-Tetrachloroethane	200	0.19 U	168	84	46-147	
1,2,4-Trichlorobenzene	200	0.27 U	155	78	64-124	
1,2,3-Trichlorobenzene	200	0.35 U	153	77	56-136	
1,2-Dichlorobenzene	200	0.22 U	180	90	18-190	
1,3-Dichlorobenzene	200	0.33 U	189	94	59-156	
1,4-Dichlorobenzene	200	0.33 U	168	84	18-190	
1,2-Dibromo-3-Chloropropane	200	0.23 U	151	75	48-129	
1,1,2-Trichloroethane	200	0.080 U	202	101	52-150	
4-Methyl-2-pentanone	1000	0.63 U	903	90	73-124	
p-Dioxane	4000	8.7 U	3640	91	71-150	
1,2-Dichloroethane	200	0.25 U	151	76	49-155	
2-Butanone	1000	2.2 U	1020	102	57-144	
1,1-Dichloroethane	200	0.24 U	151	76	59-155	
2-Hexanone	1000	0.72 U	753	75	60-137	
MTBE	200	0.13 U	154	77	63-128	
Tetrachloroethene	200	0.12 U	225	113	78-121	
Isopropylbenzene	200	0.32 U	182	91	80-120	
Ethylbenzene	200	0.30 U	182	91	37-162	
Bromodichloromethane	200	0.15 U	143	72	35-155	
Dichlorodifluoromethane	200	0.14 U	173	87	50-127	
Methyl acetate	1000	0.58 U	1070	107	39-150	
trans-1,3-Dichloropropene	200	0.19 U	203	101	17-183	
trans-1,2-Dichloroethene	200	0.18 U	143	72	54-156	
cis-1,2-Dichloroethene	200	0.26 U	173	87	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E60580.D

Lab ID: 460-121167-6 MS Client ID: MW-3 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
cis-1,3-Dichloropropene	200	0.16 U	166	83	0-227	
Xylenes, Total	400	0.28 U	400	100	80-120	
Trichloroethene	200	0.22 U	162	81	71-157	
Methylcyclohexane	200	0.22 U	212	106	77-150	
1,1,1-Trichloroethane	200	0.28 U	153	76	52-162	
1,2-Dichloropropane	200	0.18 U	152	76	0-210	
Dibromochloromethane	200	0.22 U	206	103	53-149	
1,2-Dibromoethane	200	0.19 U	186	93	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A27638.D

Lab ID: 460-121138-B-1 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Ethyl Chloride	200	0.37 U	172	86	14-230	
Vinyl chloride	200	0.060 U	169	84	0-251	
Bromomethane	200	0.18 U	167	84	0-242	
Chloromethane	200	0.22 U	164	82	0-273	
Acetone	1000	1.1 U	832	83	48-143	
Carbon disulfide	200	0.22 U	128	64	51-144	
Methylene Chloride	200	0.21 U	192	96	0-221	
Trichlorofluoromethane	200	0.15 U	155	77	17-181	
1,1-Dichloroethene	200	0.34 U	176	88	0-234	
Chloroform	200	0.22 U	193	97	51-138	
Toluene	200	0.25 U	184	92	78-120	
Benzene	200	0.090 U	190	95	37-151	
Freon TF	200	0.34 U	164	82	48-150	
Styrene	200	0.17 U	176	88	80-126	
Bromoform	200	0.18 U	112	56	45-169	
Cyclohexane	200	0.26 U	188	94	59-150	
Carbon tetrachloride	200	0.33 U	161	80	70-140	
Chlorobenzene	200	0.24 U	185	92	37-160	
1,1,2,2-Tetrachloroethane	200	0.19 U	210	105	46-147	
1,2,4-Trichlorobenzene	200	0.27 U	157	79	64-124	
1,2,3-Trichlorobenzene	200	0.35 U	153	76	56-136	
1,2-Dichlorobenzene	200	0.22 U	190	95	18-190	
1,3-Dichlorobenzene	200	0.33 U	191	95	59-156	
1,4-Dichlorobenzene	200	0.33 U	188	94	18-190	
1,2-Dibromo-3-Chloropropane	200	0.23 U	178	89	48-129	
1,1,2-Trichloroethane	200	0.080 U	194	97	52-150	
4-Methyl-2-pentanone	1000	0.63 U	897	90	73-124	
p-Dioxane	4000	8.7 U	4260	106	71-150	
1,2-Dichloroethane	200	0.25 U	200	100	49-155	
2-Butanone	1000	2.2 U	836	84	57-144	
1,1-Dichloroethane	200	0.24 U	199	99	59-155	
2-Hexanone	1000	0.72 U	907	91	60-137	
MTBE	200	0.13 U	189	95	63-128	
Tetrachloroethene	200	0.12 U	165	82	78-121	
Isopropylbenzene	200	0.32 U	177	89	80-120	
Ethylbenzene	200	0.30 U	182	91	37-162	
Bromodichloromethane	200	0.15 U	161	80	35-155	
Dichlorodifluoromethane	200	0.14 U	130	65	50-127	
Methyl acetate	1000	0.58 U	1040	104	39-150	
trans-1,3-Dichloropropene	200	0.19 U	160	80	17-183	
trans-1,2-Dichloroethene	200	0.18 U	185	93	54-156	
cis-1,2-Dichloroethene	200	0.26 U	187	94	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A27638.D

Lab ID: 460-121138-B-1 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
cis-1,3-Dichloropropene	200	0.16 U	163	82	0-227	
Xylenes, Total	400	0.28 U	362	91	80-120	
Trichloroethene	200	0.22 U	181	90	71-157	
Methylcyclohexane	200	0.22 U	170	85	77-150	
1,1,1-Trichloroethane	200	0.28 U	176	88	52-162	
1,2-Dichloropropane	200	0.18 U	185	93	0-210	
Dibromochloromethane	200	0.22 U	143	71	53-149	
1,2-Dibromoethane	200	0.19 U	191	95	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E60633.D

Lab ID: 460-121202-A-4 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Ethyl Chloride	200	0.37 U	241	120	14-230	
Vinyl chloride	200	0.060 U	205	102	0-251	
Bromomethane	200	0.18 U	193	97	0-242	
Chloromethane	200	0.22 U	198	99	0-273	
Acetone	1000	1.1 U	753	75	48-143	
Carbon disulfide	200	0.22 U	201	101	51-144	
Methylene Chloride	200	0.21 U	211	106	0-221	
Trichlorofluoromethane	200	0.15 U	366	183	17-181	F1
1,1-Dichloroethene	200	0.34 U	204	102	0-234	
Chloroform	200	2.3	201	99	51-138	
Toluene	200	0.25 U	194	97	78-120	
Benzene	200	0.090 U	200	100	37-151	
Freon TF	200	0.34 U	274	137	48-150	
Styrene	200	0.17 U	180	90	80-126	
Bromoform	200	0.18 U	146	73	45-169	
Cyclohexane	200	0.26 U	272	136	59-150	
Carbon tetrachloride	200	0.33 U	199	99	70-140	
Chlorobenzene	200	0.24 U	185	92	37-160	
1,1,2,2-Tetrachloroethane	200	0.19 U	187	94	46-147	
1,2,4-Trichlorobenzene	200	0.27 U	166	83	64-124	
1,2,3-Trichlorobenzene	200	0.35 U	160	80	56-136	
1,2-Dichlorobenzene	200	0.22 U	186	93	18-190	
1,3-Dichlorobenzene	200	0.33 U	182	91	59-156	
1,4-Dichlorobenzene	200	0.33 U	182	91	18-190	
1,2-Dibromo-3-Chloropropane	200	0.23 U	159	79	48-129	
1,1,2-Trichloroethane	200	0.080 U	185	92	52-150	
4-Methyl-2-pentanone	1000	0.63 U	963	96	73-124	
p-Dioxane	4000	8.7 U	3870	97	71-150	
1,2-Dichloroethane	200	0.25 U	206	103	49-155	
2-Butanone	1000	2.2 U	850	85	57-144	
1,1-Dichloroethane	200	0.24 U	211	106	59-155	
2-Hexanone	1000	0.72 U	901	90	60-137	
MTBE	200	0.34 J	224	112	63-128	
Tetrachloroethene	200	0.12 U	177	88	78-121	
Isopropylbenzene	200	0.32 U	184	92	80-120	
Ethylbenzene	200	0.30 U	183	92	37-162	
Bromodichloromethane	200	0.15 U	194	97	35-155	
Dichlorodifluoromethane	200	0.14 U	224	112	50-127	
Methyl acetate	1000	0.58 U	970	97	39-150	
trans-1,3-Dichloropropene	200	0.19 U	175	87	17-183	
trans-1,2-Dichloroethene	200	0.18 U	203	102	54-156	
cis-1,2-Dichloroethene	200	0.26 U	197	99	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E60633.D

Lab ID: 460-121202-A-4 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
cis-1,3-Dichloropropene	200	0.16 U	191	96	0-227	
Xylenes, Total	400	0.28 U	371	93	80-120	
Trichloroethene	200	0.22 U	182	91	71-157	
Methylcyclohexane	200	0.22 U	248	124	77-150	
1,1,1-Trichloroethane	200	0.28 U	202	101	52-162	
1,2-Dichloropropane	200	0.18 U	196	98	0-210	
Dibromochloromethane	200	0.22 U	176	88	53-149	
1,2-Dibromoethane	200	0.19 U	187	94	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E60581.D

Lab ID: 460-121167-6 MSD Client ID: MW-3 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Ethyl Chloride	200	343	172	12	30	14-230	
Vinyl chloride	200	178	89	33	30	0-251	F2
Bromomethane	200	204	102	41	30	0-242	F2
Chloromethane	200	162	81	30	30	0-273	
Acetone	1000	738	74	27	30	48-143	
Carbon disulfide	200	210	105	25	30	51-144	
Methylene Chloride	200	221	111	43	30	0-221	F2
Trichlorofluoromethane	200	391	195	16	30	17-181	F1
1,1-Dichloroethene	200	238	119	63	30	0-234	F2
Chloroform	200	231	116	30	30	51-138	
Toluene	200	187	93	5	30	78-120	
Benzene	200	212	106	6	30	37-151	
Freon TF	200	252	126	22	30	48-150	
Styrene	200	168	84	15	30	80-126	
Bromoform	200	148	74	4	30	45-169	
Cyclohexane	200	288	144	23	30	59-150	
Carbon tetrachloride	200	245	123	18	30	70-140	
Chlorobenzene	200	190	95	3	30	37-160	
1,1,2,2-Tetrachloroethane	200	181	91	8	30	46-147	
1,2,4-Trichlorobenzene	200	188	94	19	30	64-124	
1,2,3-Trichlorobenzene	200	148	74	3	30	56-136	
1,2-Dichlorobenzene	200	181	91	1	30	18-190	
1,3-Dichlorobenzene	200	186	93	2	30	59-156	
1,4-Dichlorobenzene	200	185	93	10	30	18-190	
1,2-Dibromo-3-Chloropropane	200	156	78	3	30	48-129	
1,1,2-Trichloroethane	200	182	91	10	30	52-150	
4-Methyl-2-pentanone	1000	736	74	20	30	73-124	
p-Dioxane	4000	3400	85	7	30	71-150	
1,2-Dichloroethane	200	210	105	33	30	49-155	F2
2-Butanone	1000	835	83	20	30	57-144	
1,1-Dichloroethane	200	261	130	53	30	59-155	F2
2-Hexanone	1000	889	89	16	30	60-137	
MTBE	200	199	99	26	30	63-128	
Tetrachloroethene	200	200	100	12	30	78-121	
Isopropylbenzene	200	187	93	3	30	80-120	
Ethylbenzene	200	195	98	7	30	37-162	
Bromodichloromethane	200	215	107	40	30	35-155	F2
Dichlorodifluoromethane	200	301	150	54	30	50-127	F1 F2
Methyl acetate	1000	1040	104	3	30	39-150	
trans-1,3-Dichloropropene	200	186	93	9	30	17-183	
trans-1,2-Dichloroethene	200	197	99	32	30	54-156	F2
cis-1,2-Dichloroethene	200	229	114	28	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E60581.D

Lab ID: 460-121167-6 MSD Client ID: MW-3 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
cis-1,3-Dichloropropene	200	156	78	6	30	0-227	
Xylenes, Total	400	349	87	14	30	80-120	
Trichloroethene	200	230	115	35	30	71-157	F2
Methylcyclohexane	200	236	118	11	30	77-150	
1,1,1-Trichloroethane	200	244	122	46	30	52-162	F2
1,2-Dichloropropane	200	165	83	8	30	0-210	
Dibromochloromethane	200	182	91	12	30	53-149	
1,2-Dibromoethane	200	159	80	15	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A27639.D

Lab ID: 460-121138-B-1 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Ethyl Chloride	200	220	110	25	30	14-230	
Vinyl chloride	200	212	106	23	30	0-251	
Bromomethane	200	210	105	23	30	0-242	
Chloromethane	200	208	104	24	30	0-273	
Acetone	1000	984	98	17	30	48-143	
Carbon disulfide	200	176	88	31	30	51-144	F2
Methylene Chloride	200	230	115	18	30	0-221	
Trichlorofluoromethane	200	204	102	27	30	17-181	
1,1-Dichloroethene	200	210	105	18	30	0-234	
Chloroform	200	236	118	20	30	51-138	
Toluene	200	232	116	23	30	78-120	
Benzene	200	241	120	24	30	37-151	
Freon TF	200	204	102	22	30	48-150	
Styrene	200	220	110	22	30	80-126	
Bromoform	200	154	77	31	30	45-169	F2
Cyclohexane	200	232	116	21	30	59-150	
Carbon tetrachloride	200	205	103	24	30	70-140	
Chlorobenzene	200	227	113	21	30	37-160	
1,1,2,2-Tetrachloroethane	200	250	125	17	30	46-147	
1,2,4-Trichlorobenzene	200	210	105	29	30	64-124	
1,2,3-Trichlorobenzene	200	234	117	42	30	56-136	F2
1,2-Dichlorobenzene	200	235	117	21	30	18-190	
1,3-Dichlorobenzene	200	229	114	18	30	59-156	
1,4-Dichlorobenzene	200	229	114	19	30	18-190	
1,2-Dibromo-3-Chloropropane	200	232	116	26	30	48-129	
1,1,2-Trichloroethane	200	240	120	21	30	52-150	
4-Methyl-2-pentanone	1000	1110	111	21	30	73-124	
p-Dioxane	4000	5470	137	25	30	71-150	
1,2-Dichloroethane	200	241	121	19	30	49-155	
2-Butanone	1000	1040	104	21	30	57-144	
1,1-Dichloroethane	200	243	122	20	30	59-155	
2-Hexanone	1000	1110	111	20	30	60-137	
MTBE	200	229	114	19	30	63-128	
Tetrachloroethene	200	208	104	23	30	78-121	
Isopropylbenzene	200	221	111	22	30	80-120	
Ethylbenzene	200	227	113	22	30	37-162	
Bromodichloromethane	200	204	102	24	30	35-155	
Dichlorodifluoromethane	200	172	86	28	30	50-127	
Methyl acetate	1000	1230	123	17	30	39-150	
trans-1,3-Dichloropropene	200	201	100	22	30	17-183	
trans-1,2-Dichloroethene	200	225	112	19	30	54-156	
cis-1,2-Dichloroethene	200	228	114	20	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A27639.D

Lab ID: 460-121138-B-1 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
cis-1,3-Dichloropropene	200	213	106	26	30	0-227	
Xylenes, Total	400	447	112	21	30	80-120	
Trichloroethene	200	222	111	21	30	71-157	
Methylcyclohexane	200	214	107	23	30	77-150	
1,1,1-Trichloroethane	200	216	108	20	30	52-162	
1,2-Dichloropropane	200	226	113	20	30	0-210	
Dibromochloromethane	200	188	94	28	30	53-149	
1,2-Dibromoethane	200	229	114	18	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E60634.D

Lab ID: 460-121202-A-4 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Ethyl Chloride	200	241	120	0	30	14-230	
Vinyl chloride	200	202	101	1	30	0-251	
Bromomethane	200	216	108	11	30	0-242	
Chloromethane	200	208	104	5	30	0-273	
Acetone	1000	725	72	4	30	48-143	
Carbon disulfide	200	205	102	2	30	51-144	
Methylene Chloride	200	226	113	7	30	0-221	
Trichlorofluoromethane	200	373	187	2	30	17-181	F1
1,1-Dichloroethene	200	215	107	5	30	0-234	
Chloroform	200	203	100	1	30	51-138	
Toluene	200	197	98	2	30	78-120	
Benzene	200	206	103	3	30	37-151	
Freon TF	200	282	141	3	30	48-150	
Styrene	200	187	94	4	30	80-126	
Bromoform	200	153	76	4	30	45-169	
Cyclohexane	200	273	136	0	30	59-150	
Carbon tetrachloride	200	202	101	2	30	70-140	
Chlorobenzene	200	191	95	3	30	37-160	
1,1,2,2-Tetrachloroethane	200	202	101	8	30	46-147	
1,2,4-Trichlorobenzene	200	176	88	6	30	64-124	
1,2,3-Trichlorobenzene	200	169	84	5	30	56-136	
1,2-Dichlorobenzene	200	189	94	1	30	18-190	
1,3-Dichlorobenzene	200	185	93	2	30	59-156	
1,4-Dichlorobenzene	200	180	90	1	30	18-190	
1,2-Dibromo-3-Chloropropane	200	165	82	4	30	48-129	
1,1,2-Trichloroethane	200	188	94	2	30	52-150	
4-Methyl-2-pentanone	1000	962	96	0	30	73-124	
p-Dioxane	4000	3730	93	4	30	71-150	
1,2-Dichloroethane	200	206	103	0	30	49-155	
2-Butanone	1000	821	82	4	30	57-144	
1,1-Dichloroethane	200	212	106	1	30	59-155	
2-Hexanone	1000	891	89	1	30	60-137	
MTBE	200	221	110	1	30	63-128	
Tetrachloroethene	200	185	92	4	30	78-121	
Isopropylbenzene	200	195	97	6	30	80-120	
Ethylbenzene	200	192	96	5	30	37-162	
Bromodichloromethane	200	197	99	2	30	35-155	
Dichlorodifluoromethane	200	225	113	1	30	50-127	
Methyl acetate	1000	974	97	1	30	39-150	
trans-1,3-Dichloropropene	200	194	97	10	30	17-183	
trans-1,2-Dichloroethene	200	201	101	1	30	54-156	
cis-1,2-Dichloroethene	200	200	100	1	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E60634.D

Lab ID: 460-121202-A-4 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
cis-1,3-Dichloropropene	200	199	99	4	30	0-227	
Xylenes, Total	400	377	94	2	30	80-120	
Trichloroethene	200	187	94	3	30	71-157	
Methylcyclohexane	200	248	124	0	30	77-150	
1,1,1-Trichloroethane	200	203	102	0	30	52-162	
1,2-Dichloropropane	200	200	100	2	30	0-210	
Dibromochloromethane	200	177	88	0	30	53-149	
1,2-Dibromoethane	200	193	97	3	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab File ID: A27613.D Lab Sample ID: MB 460-394312/7

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS1 Date Analyzed: 10/02/2016 08:31

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 460-394312/4	A27610.D	10/02/2016 07:26
	460-121138-B-1 MS	A27638.D	10/02/2016 17:41
	460-121138-B-1 MSD	A27639.D	10/02/2016 18:02
FB-20160929	460-121167-11	A27644.D	10/02/2016 19:51
Trip Blank	460-121167-12	A27645.D	10/02/2016 20:13
MW-13D	460-121167-1	A27655.D	10/02/2016 23:50
MW-7B	460-121167-2	A27656.D	10/03/2016 00:12
MW-7D	460-121167-3	A27657.D	10/03/2016 00:34
MW-13	460-121167-4	A27658.D	10/03/2016 00:55
MW-6	460-121167-8	A27661.D	10/03/2016 02:01

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab File ID: E60559.D Lab Sample ID: MB 460-394593/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS5 Date Analyzed: 10/03/2016 10:43

GC Column: Rtx-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-394593/5	E60556.D	10/03/2016 09:18
MW-3 MS	460-121167-6 MS	E60580.D	10/03/2016 19:47
MW-3 MSD	460-121167-6 MSD	E60581.D	10/03/2016 20:13
MW-3	460-121167-6	E60584.D	10/03/2016 21:30
MW-3 Filtered	460-121167-7	E60586.D	10/03/2016 22:22
MW-6 Filtered	460-121167-9	E60587.D	10/03/2016 22:47
MW-8	460-121167-10	E60588.D	10/03/2016 23:13

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab File ID: E60613.D Lab Sample ID: MB 460-394701/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS5 Date Analyzed: 10/04/2016 09:54

GC Column: Rtx-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-394701/5	E60610.D	10/04/2016 08:37
	460-121202-A-4 MS	E60633.D	10/04/2016 18:55
	460-121202-A-4 MSD	E60634.D	10/04/2016 19:20
MW-8D	460-121167-5	E60637.D	10/04/2016 20:38

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

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab File ID: A26265.D BFB Injection Date: 09/08/2016

Instrument ID: CVOAMS1 BFB Injection Time: 01:38

Analysis Batch No.: 389141

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.0	
75	30.0 - 60.0 % of mass 95	51.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	8.1	
173	Less than 2.0 % of mass 174	1.2	(1.6) 1
174	50.0 - 120.00 % of mass 95	75.7	
175	5.0 - 9.0 % of mass 174	5.7	(7.6) 1
176	95.0 - 101.0 % of mass 174	73.0	(96.4) 1
177	5.0 - 9.0 % of mass 176	5.0	(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
	STD7 460-389141/2	A26266.D	09/08/2016	02:02
	STD1 460-389141/3	A26267.D	09/08/2016	02:38
	STD5 460-389141/4	A26268.D	09/08/2016	03:00
	STD20 460-389141/5	A26269.D	09/08/2016	03:21
	STD50 460-389141/6	A26270.D	09/08/2016	03:43
	STD200 460-389141/7	A26271.D	09/08/2016	04:04
	STD500 460-389141/8	A26272.D	09/08/2016	04:26

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

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab File ID: A27607.D BFB Injection Date: 10/02/2016

Instrument ID: CVOAMS1 BFB Injection Time: 06:10

Analysis Batch No.: 394312

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	23.7	
75	30.0 - 60.0 % of mass 95	51.2	
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	0.7	(1.1) 1
174	50.0 - 120.00 % of mass 95	63.5	
175	5.0 - 9.0 % of mass 174	5.2	(8.3) 1
176	95.0 - 101.0 % of mass 174	61.4	(96.7) 1
177	5.0 - 9.0 % of mass 176	4.2	(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 460-394312/3	A27609.D	10/02/2016	07:05
	LCS 460-394312/4	A27610.D	10/02/2016	07:26
	MB 460-394312/7	A27613.D	10/02/2016	08:31
	460-121138-B-1 MS	A27638.D	10/02/2016	17:41
	460-121138-B-1 MSD	A27639.D	10/02/2016	18:02
FB-20160929	460-121167-11	A27644.D	10/02/2016	19:51
Trip Blank	460-121167-12	A27645.D	10/02/2016	20:13
MW-13D	460-121167-1	A27655.D	10/02/2016	23:50
MW-7B	460-121167-2	A27656.D	10/03/2016	00:12
MW-7D	460-121167-3	A27657.D	10/03/2016	00:34
MW-13	460-121167-4	A27658.D	10/03/2016	00:55
MW-6	460-121167-8	A27661.D	10/03/2016	02:01

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

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab File ID: E60479.D BFB Injection Date: 10/01/2016

Instrument ID: CVOAMS5 BFB Injection Time: 15:29

Analysis Batch No.: 394260

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.6	
75	30.0 - 60.0 % of mass 95	49.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.7	(0.8) 1
174	50.0 - 120.00 % of mass 95	80.1	
175	5.0 - 9.0 % of mass 174	6.1	(7.6) 1
176	95.0 - 101.0 % of mass 174	77.5	(96.7) 1
177	5.0 - 9.0 % of mass 176	4.8	(6.2) 2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8 460-394260/2	E60480.D	10/01/2016	15:43
	STD5 460-394260/4	E60482.D	10/01/2016	16:41
	STD20 460-394260/5	E60483.D	10/01/2016	17:09
	STD50 460-394260/6	E60484.D	10/01/2016	17:35
	STD200 460-394260/7	E60485.D	10/01/2016	18:01
	STD500 460-394260/8	E60486.D	10/01/2016	18:27
	STD1 460-394260/14	E60492.D	10/01/2016	22:47

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

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab File ID: E60552.D BFB Injection Date: 10/03/2016

Instrument ID: CVOAMS5 BFB Injection Time: 07:27

Analysis Batch No.: 394593

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.5	
75	30.0 - 60.0 % of mass 95	52.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.2	
173	Less than 2.0 % of mass 174	0.7	(0.7) 1
174	50.0 - 120.00 % of mass 95	94.3	
175	5.0 - 9.0 % of mass 174	7.0	(7.4) 1
176	95.0 - 101.0 % of mass 174	90.3	(95.8) 1
177	5.0 - 9.0 % of mass 176	6.8	(7.6) 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 460-394593/4	E60555.D	10/03/2016	08:50
	LCS 460-394593/5	E60556.D	10/03/2016	09:18
	MB 460-394593/8	E60559.D	10/03/2016	10:43
MW-3 MS	460-121167-6 MS	E60580.D	10/03/2016	19:47
MW-3 MSD	460-121167-6 MSD	E60581.D	10/03/2016	20:13
MW-3	460-121167-6	E60584.D	10/03/2016	21:30
MW-3 Filtered	460-121167-7	E60586.D	10/03/2016	22:22
MW-6 Filtered	460-121167-9	E60587.D	10/03/2016	22:47
MW-8	460-121167-10	E60588.D	10/03/2016	23:13

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

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab File ID: E60606.D BFB Injection Date: 10/04/2016

Instrument ID: CVOAMS5 BFB Injection Time: 06:51

Analysis Batch No.: 394701

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.7	
75	30.0 - 60.0 % of mass 95	52.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	1.9	(1.9) 1
174	50.0 - 120.00 % of mass 95	101.5	
175	5.0 - 9.0 % of mass 174	7.8	(7.6) 1
176	95.0 - 101.0 % of mass 174	101.2	(99.7) 1
177	5.0 - 9.0 % of mass 176	7.3	(7.2) 2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-394701/3	E60608.D	10/04/2016	07:43
	LCS 460-394701/5	E60610.D	10/04/2016	08:37
	MB 460-394701/8	E60613.D	10/04/2016	09:54
	460-121202-A-4 MS	E60633.D	10/04/2016	18:55
	460-121202-A-4 MSD	E60634.D	10/04/2016	19:20
MW-8D	460-121167-5	E60637.D	10/04/2016	20:38

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

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Sample No.: CCVIS 460-394312/3 Date Analyzed: 10/02/2016 07:05

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): A27609.D Heated Purge: (Y/N) N

Calibration ID: 57699

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		274851	3.45	356153	4.43	515999	5.30
UPPER LIMIT		549702	3.95	712306	4.93	1031998	5.80
LOWER LIMIT		137426	2.95	178077	3.93	258000	4.80
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-394312/4		263114	3.46	327815	4.43	485120	5.31
MB 460-394312/7		258839	3.47	314479	4.44	478468	5.31
460-121138-B-1 MS		262665	3.47	340124	4.44	495061	5.31
460-121138-B-1 MSD		261990	3.47	331006	4.44	497721	5.32
460-121167-11	FB-20160929	253215	3.46	320030	4.44	466080	5.31
460-121167-12	Trip Blank	249123	3.46	309074	4.43	458513	5.31
460-121167-1	MW-13D	240959	3.46	297838	4.43	436904	5.31
460-121167-2	MW-7B	247723	3.46	303157	4.44	447359	5.31
460-121167-3	MW-7D	241356	3.47	306726	4.43	447798	5.31
460-121167-4	MW-13	245632	3.46	295364	4.44	429064	5.31
460-121167-8	MW-6	246572	3.46	297441	4.43	437875	5.31

TBAd9 = 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 624

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

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Sample No.: CCVIS 460-394312/3 Date Analyzed: 10/02/2016 07:05

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): A27609.D Heated Purge: (Y/N) N

Calibration ID: 57699

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		25501	5.85	312941	7.78	180259	9.18
UPPER LIMIT		51002	6.35	625882	8.28	360518	9.68
LOWER LIMIT		12751	5.35	156471	7.28	90130	8.68
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-394312/4		23135	5.85	300248	7.78	172657	9.18
MB 460-394312/7		21376	5.85	282085	7.78	155385	9.18
460-121138-B-1 MS		23021	5.85	310953	7.78	169744	9.19
460-121138-B-1 MSD		22895	5.85	302329	7.78	167903	9.19
460-121167-11	FB-20160929	21197	5.85	279402	7.78	152643	9.19
460-121167-12	Trip Blank	20479	5.85	275139	7.78	149781	9.19
460-121167-1	MW-13D	20088	5.85	268110	7.78	145287	9.19
460-121167-2	MW-7B	19373	5.85	273076	7.78	147733	9.19
460-121167-3	MW-7D	19671	5.86	273220	7.78	147134	9.19
460-121167-4	MW-13	20129	5.85	264191	7.78	148557	9.18
460-121167-8	MW-6	19595	5.86	265587	7.78	147111	9.18

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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 624

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

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Sample No.: CCVIS 460-394593/4 Date Analyzed: 10/03/2016 08:50

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm)

Lab File ID (Standard): E60555.D Heated Purge: (Y/N) N

Calibration ID: 58151

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		398156	1.89	363188	2.83	591595	3.39
UPPER LIMIT		796312	2.39	726376	3.33	1183190	3.89
LOWER LIMIT		199078	1.39	181594	2.33	295798	2.89
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-394593/5		397300	1.89	351139	2.83	588467	3.39
MB 460-394593/8		403258	1.88	358065	2.83	572032	3.39
460-121167-6 MS	MW-3 MS	366665	1.90	359563	2.83	725325	3.38
460-121167-6 MSD	MW-3 MSD	331262	1.88	370636	2.83	523925	3.39
460-121167-6	MW-3	413871	1.88	283370	2.83	486914	3.39
460-121167-7	MW-3 Filtered	348050	1.86	285641	2.83	633547	3.39
460-121167-9	MW-6 Filtered	346144	1.87	301183	2.83	503232	3.39
460-121167-10	MW-8	382266	1.88	296863	2.83	566830	3.38

TBAd9 = 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 624

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

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Sample No.: CCVIS 460-394593/4 Date Analyzed: 10/03/2016 08:50

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm)

Lab File ID (Standard): E60555.D Heated Purge: (Y/N) N

Calibration ID: 58151

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		54480	4.25	529736	6.69	331791	10.17
UPPER LIMIT		108960	4.75	1059472	7.19	663582	10.67
LOWER LIMIT		27240	3.75	264868	6.19	165896	9.67
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-394593/5		49804	4.23	521663	6.69	311298	10.17
MB 460-394593/8		46840	4.23	504273	6.69	304491	10.17
460-121167-6 MS	MW-3 MS	46063	4.23	485869	6.68	312731	10.17
460-121167-6 MSD	MW-3 MSD	43572	4.22	533528	6.69	314800	10.17
460-121167-6	MW-3	41195	4.22	493427	6.69	293958	10.17
460-121167-7	MW-3 Filtered	29822	4.24	487151	6.68	278674	10.17
460-121167-9	MW-6 Filtered	38678	4.25	472841	6.69	270821	10.17
460-121167-10	MW-8	39670	4.25	472346	6.69	280293	10.17

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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 624

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

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Sample No.: CCVIS 460-394701/3 Date Analyzed: 10/04/2016 07:43

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm)

Lab File ID (Standard): E60608.D Heated Purge: (Y/N) N

Calibration ID: 58151

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		453227	1.88	392733	2.84	555424	3.39
UPPER LIMIT		906454	2.38	785466	3.34	1110848	3.89
LOWER LIMIT		226614	1.38	196367	2.34	277712	2.89
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-394701/5		368225	1.89	450828	2.83	659682	3.39
MB 460-394701/8		329742	1.88	358512	2.84	508244	3.39
460-121202-A-4 MS		500715	1.88	488426	2.83	695982	3.38
460-121202-A-4 MSD		504233	1.88	490232	2.83	699449	3.38
460-121167-5	MW-8D	490451	1.87	490366	2.83	708513	3.39

TBAd9 = 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 624

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

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Sample No.: CCVIS 460-394701/3 Date Analyzed: 10/04/2016 07:43

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm)

Lab File ID (Standard): E60608.D Heated Purge: (Y/N) N

Calibration ID: 58151

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		48577	4.24	468729	6.69	283874	10.17
UPPER LIMIT		97154	4.74	937458	7.19	567748	10.67
LOWER LIMIT		24289	3.74	234365	6.19	141937	9.67
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-394701/5		42896	4.24	482562	6.69	302359	10.17
MB 460-394701/8		44825	4.22	504061	6.69	281072	10.17
460-121202-A-4 MS		49084	4.23	622291	6.69	369101	10.17
460-121202-A-4 MSD		53457	4.23	619890	6.69	365214	10.17
460-121167-5	MW-8D	51341	4.22	626277	6.69	364787	10.17

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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 624

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-13D | Lab Sample ID: 460-121167-1

Matrix: Water | Lab File ID: A27655.D

Analysis Method: 624 | Date Collected: 09/29/2016 09:30

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 23:50

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.43	J	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	0.27	U	1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	0.35	U	1.0	0.35
95-50-1	1,2-Dichlorobenzene	0.22	U	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.33	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	1.4		1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-13D | Lab Sample ID: 460-121167-1

Matrix: Water | Lab File ID: A27655.D

Analysis Method: 624 | Date Collected: 09/29/2016 09:30

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 23:50

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		48-130
2037-26-5	Toluene-d8 (Surr)	103		80-120
460-00-4	Bromofluorobenzene	91		71-131
1868-53-7	Dibromofluoromethane (Surr)	100		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-13D Lab Sample ID: 460-121167-1

Matrix: Water Lab File ID: A27655.D

Analysis Method: 624 Date Collected: 09/29/2016 09:30

Sample wt/vol: 5(mL) Date Analyzed: 10/02/2016 23:50

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.: 394312 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27655.D
Lims ID: 460-121167-A-1
Client ID: MW-13D
Sample Type: Client
Inject. Date: 02-Oct-2016 23:50:30 ALS Bottle#: 42 Worklist Smp#: 49
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121167-A-1
Misc. Info.: 460-0046300-049
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 03-Oct-2016 07:14:44 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: moroneyc Date: 03-Oct-2016 07:11:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.462	3.450	0.012	100	240959	1000.0	
30 Methyl tert-butyl ether	73	3.620	3.620	0.000	98	10945	1.38	
* 39 2-Butanone-d5	46	4.425	4.425	0.000	99	297838	250.0	
49 Chloroform	83	4.693	4.687	0.006	94	1952	0.4297	
$ 53 Dibromofluoromethane (Surr	113	4.821	4.815	0.006	95	116087	50.2	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.096	0.006	98	153691	54.9	
* 64 Fluorobenzene	96	5.309	5.303	0.006	97	436904	50.0	
* 70 1,4-Dioxane-d8	96	5.852	5.846	0.006	94	20088	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.663	6.662	0.001	99	392425	51.3	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	91	268110	50.0	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	81	97538	45.5	
* 119 1,4-Dichlorobenzene-d4	152	9.186	9.180	0.006	98	145287	50.0	

Reagents:

8260ISNEW_00085 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00140 Amount Added: 1.00 Units: uL Run Reagent

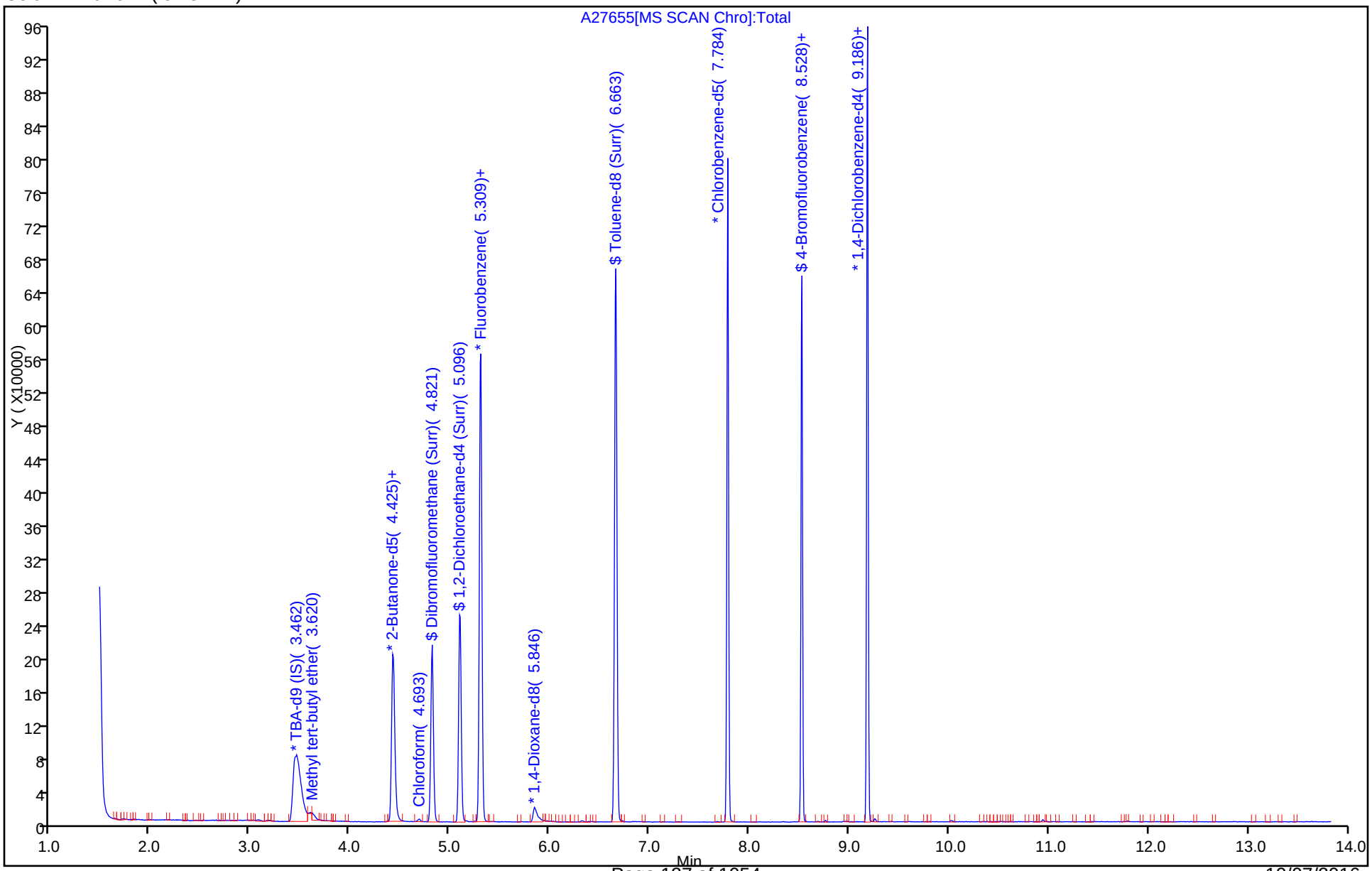
Report Date: 03-Oct-2016 07:16:54 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27655.D

Injection Date:	02-Oct-2016 23:50:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-121167-A-1	Lab Sample ID:	460-121167-1	Worklist Smp#:	49
Client ID:	MW-13D				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	42
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

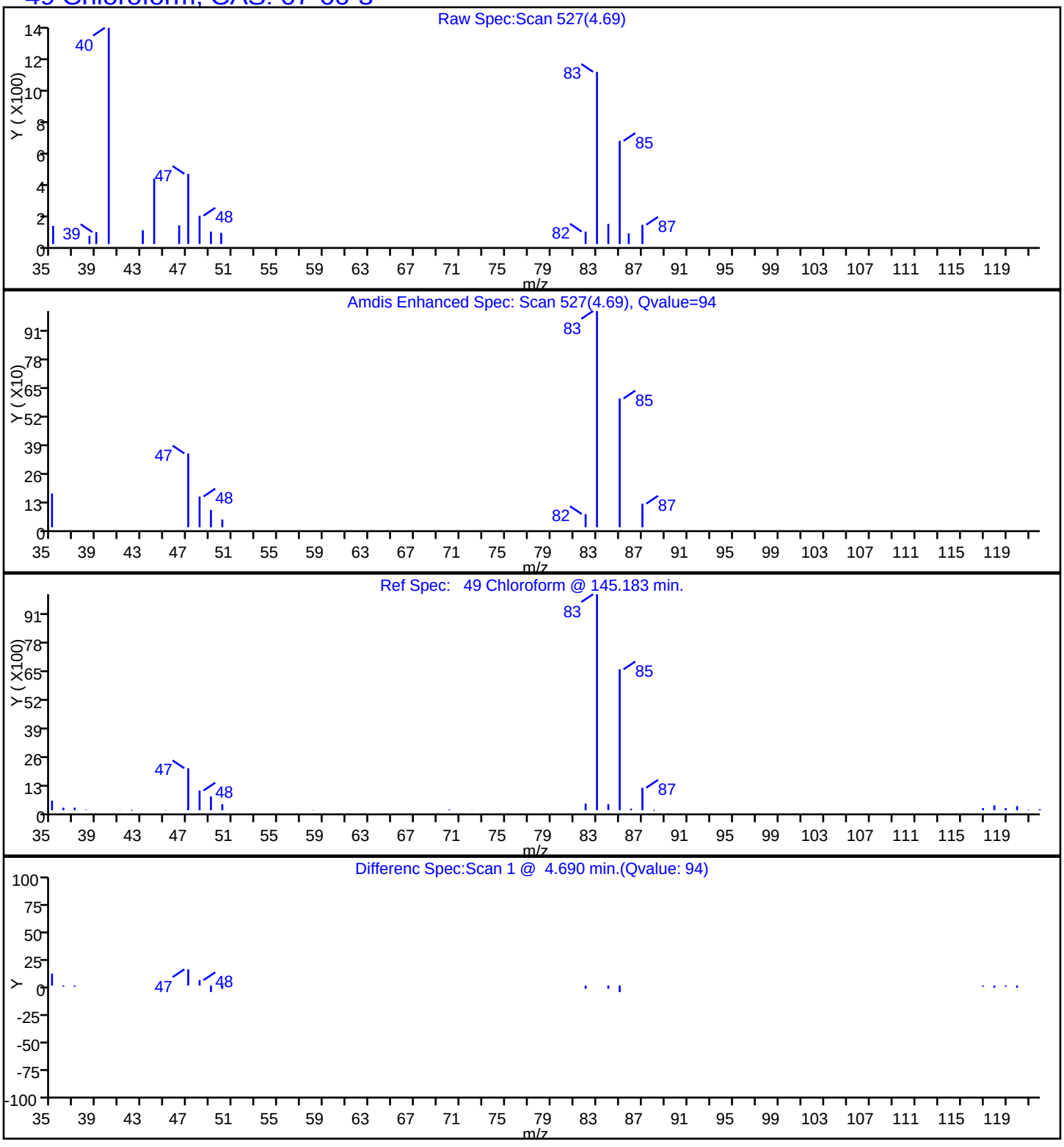
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27655.D				
Injection Date:	02-Oct-2016 23:50:30	Instrument ID:	CVOAMS1		
Lims ID:	460-121167-A-1	Lab Sample ID:	460-121167-1		
Client ID:	MW-13D				
Operator ID:	VOA GC/MS1	ALS Bottle#:	42	Worklist Smp#:	49
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

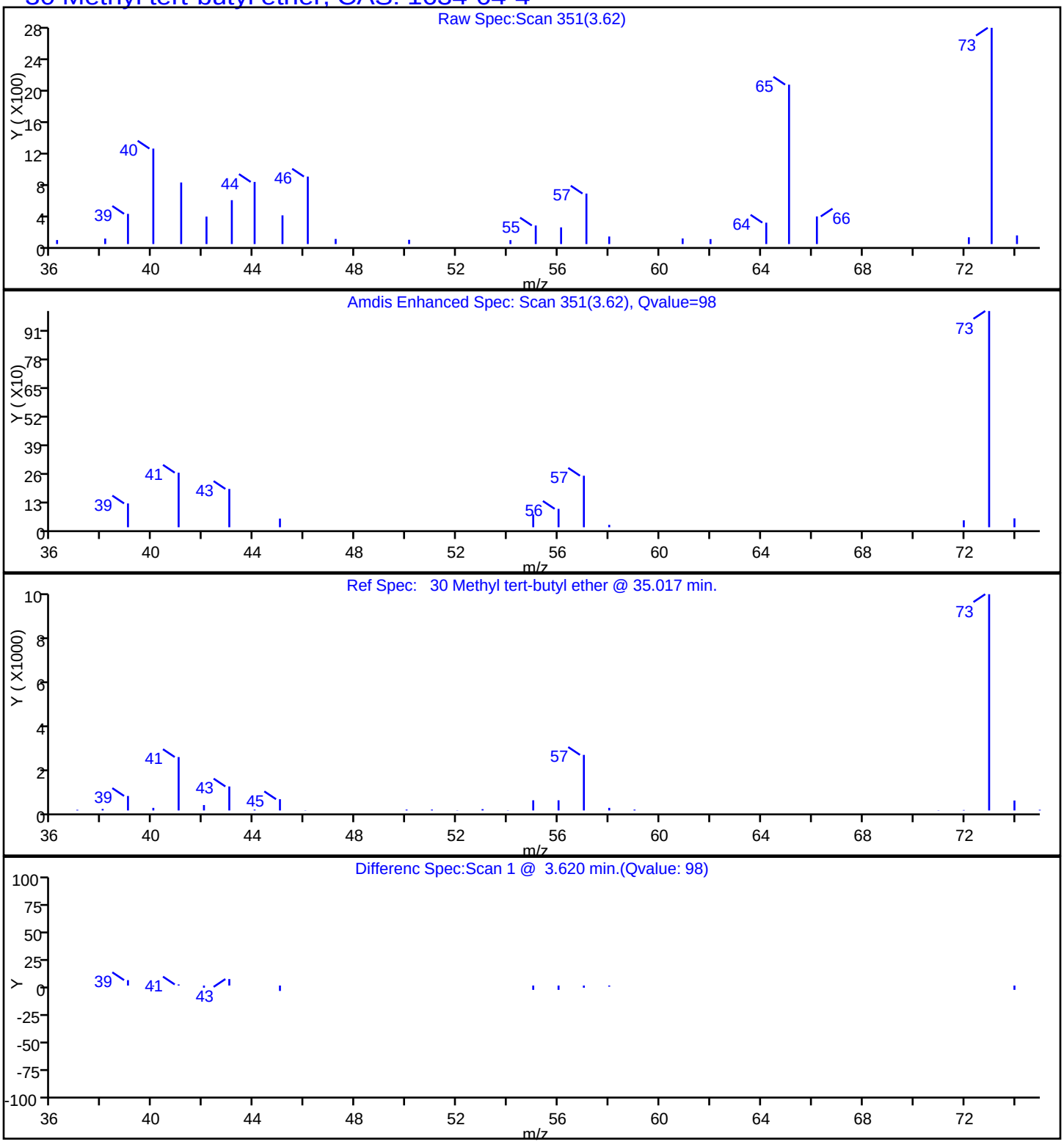
49 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27655.D				
Injection Date:	02-Oct-2016 23:50:30	Instrument ID:	CVOAMS1		
Lims ID:	460-121167-A-1	Lab Sample ID:	460-121167-1		
Client ID:	MW-13D				
Operator ID:	VOA GC/MS1	ALS Bottle#:	42	Worklist Smp#:	49
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

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



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-7B | Lab Sample ID: 460-121167-2

Matrix: Water | Lab File ID: A27656.D

Analysis Method: 624 | Date Collected: 09/29/2016 09:45

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 00:12

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.22	U	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	0.27	U	1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	0.35	U	1.0	0.35
95-50-1	1,2-Dichlorobenzene	0.22	U	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.33	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-7B | Lab Sample ID: 460-121167-2

Matrix: Water | Lab File ID: A27656.D

Analysis Method: 624 | Date Collected: 09/29/2016 09:45

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 00:12

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		48-130
2037-26-5	Toluene-d8 (Surr)	103		80-120
460-00-4	Bromofluorobenzene	90		71-131
1868-53-7	Dibromofluoromethane (Surr)	101		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-7B | Lab Sample ID: 460-121167-2

Matrix: Water | Lab File ID: A27656.D

Analysis Method: 624 | Date Collected: 09/29/2016 09:45

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 00:12

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.: 394312 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27656.D
Lims ID: 460-121167-A-2
Client ID: MW-7B
Sample Type: Client
Inject. Date: 03-Oct-2016 00:12:30 ALS Bottle#: 43 Worklist Smp#: 50
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121167-A-2
Misc. Info.: 460-0046300-050
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 03-Oct-2016 07:14:44 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: moroneyc Date: 03-Oct-2016 07:11:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.462	3.450	0.012	100	247723	1000.0	
* 39 2-Butanone-d5	46	4.437	4.425	0.012	99	303157	250.0	
$ 53 Dibromofluoromethane (Surr	113	4.828	4.815	0.013	95	119401	50.5	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.096	0.006	98	160402	55.9	
* 64 Fluorobenzene	96	5.309	5.303	0.006	97	447359	50.0	
* 70 1,4-Dioxane-d8	96	5.846	5.846	0.000	96	19373	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.663	6.662	0.001	98	400131	51.3	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	92	273076	50.0	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	81	98382	45.1	
* 119 1,4-Dichlorobenzene-d4	152	9.187	9.180	0.006	98	147733	50.0	

Reagents:

8260ISNEW_00085 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00140 Amount Added: 1.00 Units: uL Run Reagent

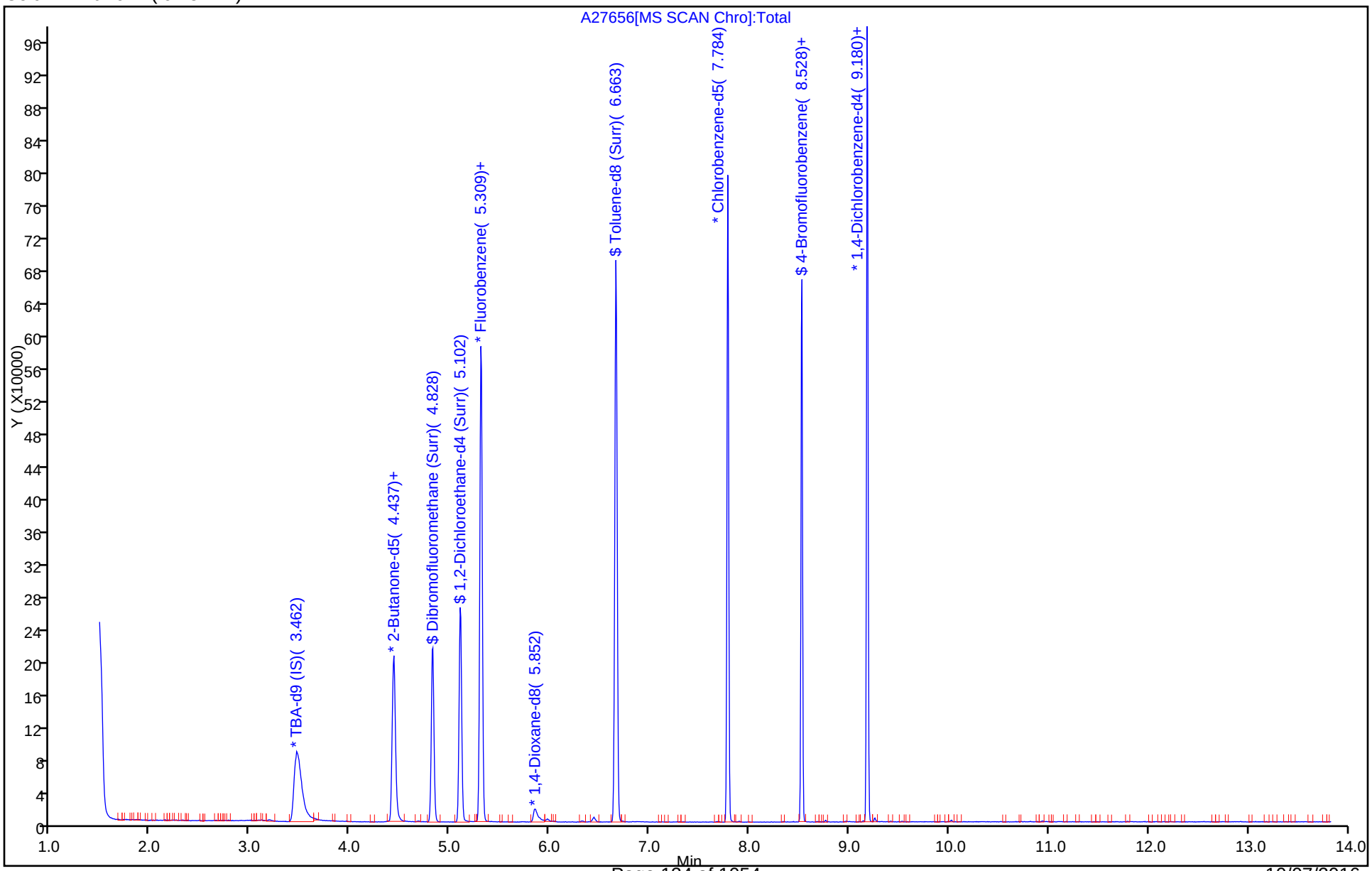
Report Date: 03-Oct-2016 07:16:56 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27656.D

Injection Date:	03-Oct-2016 00:12:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-121167-A-2	Lab Sample ID:	460-121167-2	Worklist Smp#:	50
Client ID:	MW-7B				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	43
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-7D | Lab Sample ID: 460-121167-3

Matrix: Water | Lab File ID: A27657.D

Analysis Method: 624 | Date Collected: 09/29/2016 11:05

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 00:34

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.42	J	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	0.27	U	1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	0.35	U	1.0	0.35
95-50-1	1,2-Dichlorobenzene	0.22	U	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.33	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	1.2		1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-7D | Lab Sample ID: 460-121167-3

Matrix: Water | Lab File ID: A27657.D

Analysis Method: 624 | Date Collected: 09/29/2016 11:05

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 00:34

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		48-130
2037-26-5	Toluene-d8 (Surr)	103		80-120
460-00-4	Bromofluorobenzene	91		71-131
1868-53-7	Dibromofluoromethane (Surr)	101		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-7D Lab Sample ID: 460-121167-3

Matrix: Water Lab File ID: A27657.D

Analysis Method: 624 Date Collected: 09/29/2016 11:05

Sample wt/vol: 5(mL) Date Analyzed: 10/03/2016 00:34

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.: 394312 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27657.D
Lims ID: 460-121167-A-3
Client ID: MW-7D
Sample Type: Client
Inject. Date: 03-Oct-2016 00:34:30 ALS Bottle#: 44 Worklist Smp#: 51
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121167-A-3
Misc. Info.: 460-0046300-051
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 03-Oct-2016 07:14:44 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: moroneyc Date: 03-Oct-2016 07:12:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.468	3.450	0.018	100	241356	1000.0	
30 Methyl tert-butyl ether	73	3.626	3.620	0.006	96	9743	1.20	
* 39 2-Butanone-d5	46	4.431	4.425	0.006	99	306726	250.0	
49 Chloroform	83	4.699	4.687	0.012	95	1946	0.4180	
$ 53 Dibromofluoromethane (Surr	113	4.827	4.815	0.012	94	119348	50.4	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.096	0.006	99	161290	56.2	
* 64 Fluorobenzene	96	5.309	5.303	0.006	97	447798	50.0	
* 70 1,4-Dioxane-d8	96	5.858	5.846	0.012	94	19671	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.662	6.662	0.000	98	403206	51.7	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	92	273220	50.0	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	81	98864	45.3	
* 119 1,4-Dichlorobenzene-d4	152	9.186	9.180	0.006	98	147134	50.0	

Reagents:

8260ISNEW_00085 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00140 Amount Added: 1.00 Units: uL Run Reagent

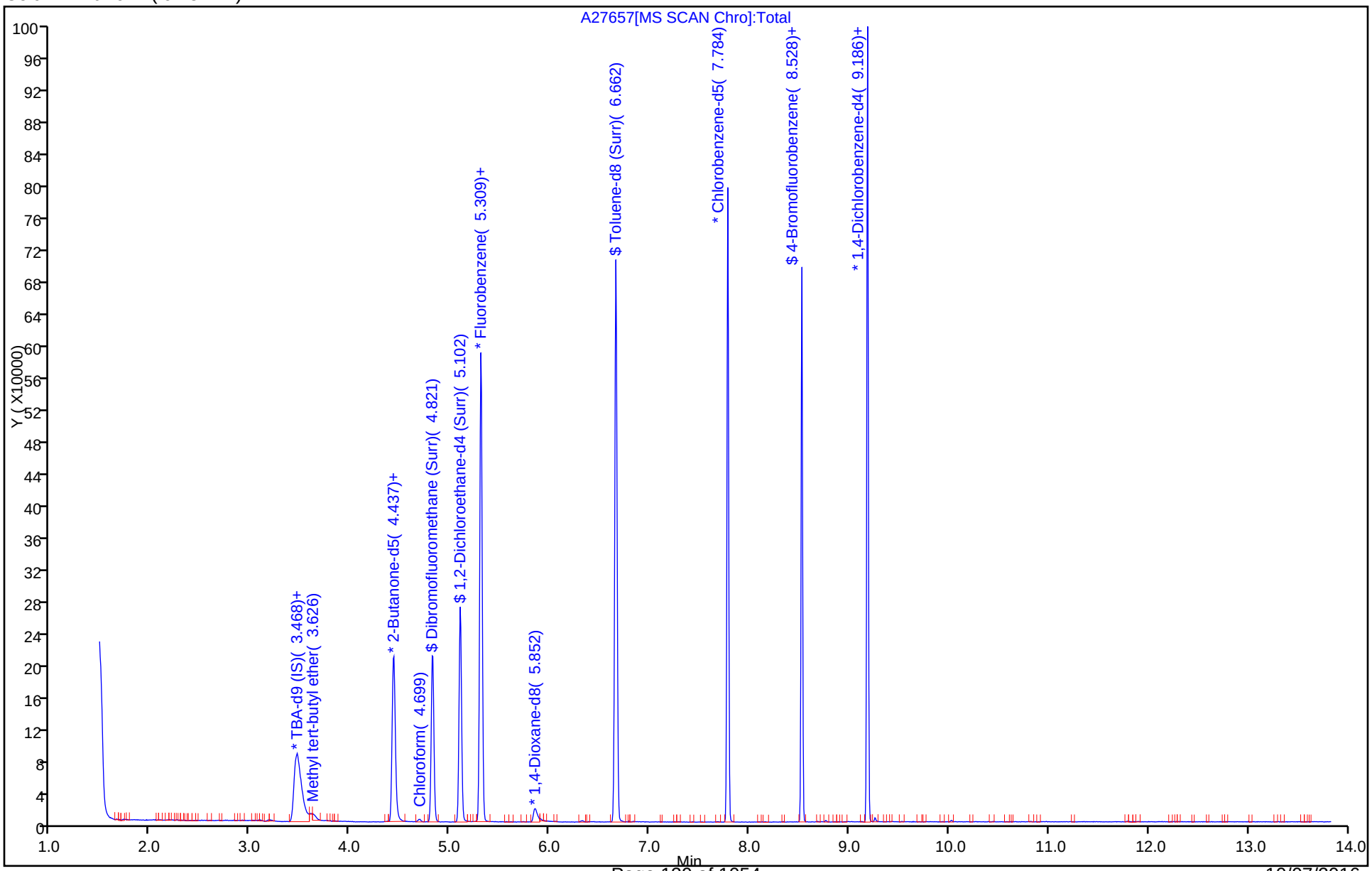
Report Date: 03-Oct-2016 07:16:58 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27657.D

Injection Date:	03-Oct-2016 00:34:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-121167-A-3	Lab Sample ID:	460-121167-3	Worklist Smp#:	51
Client ID:	MW-7D				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	44
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

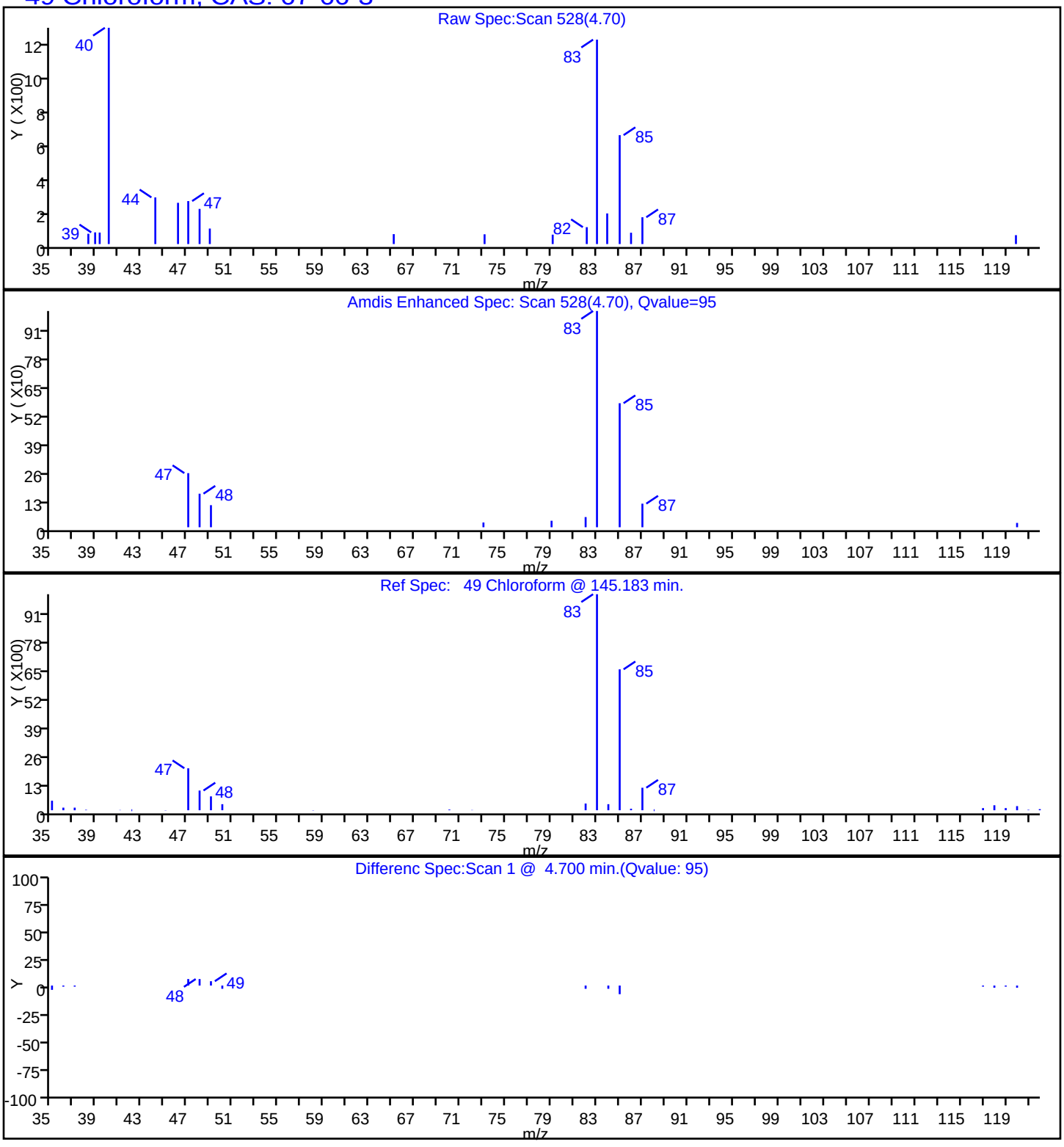
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27657.D				
Injection Date:	03-Oct-2016 00:34:30	Instrument ID:	CVOAMS1		
Lims ID:	460-121167-A-3	Lab Sample ID:	460-121167-3		
Client ID:	MW-7D				
Operator ID:	VOA GC/MS1	ALS Bottle#:	44	Worklist Smp#:	51
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

49 Chloroform, CAS: 67-66-3



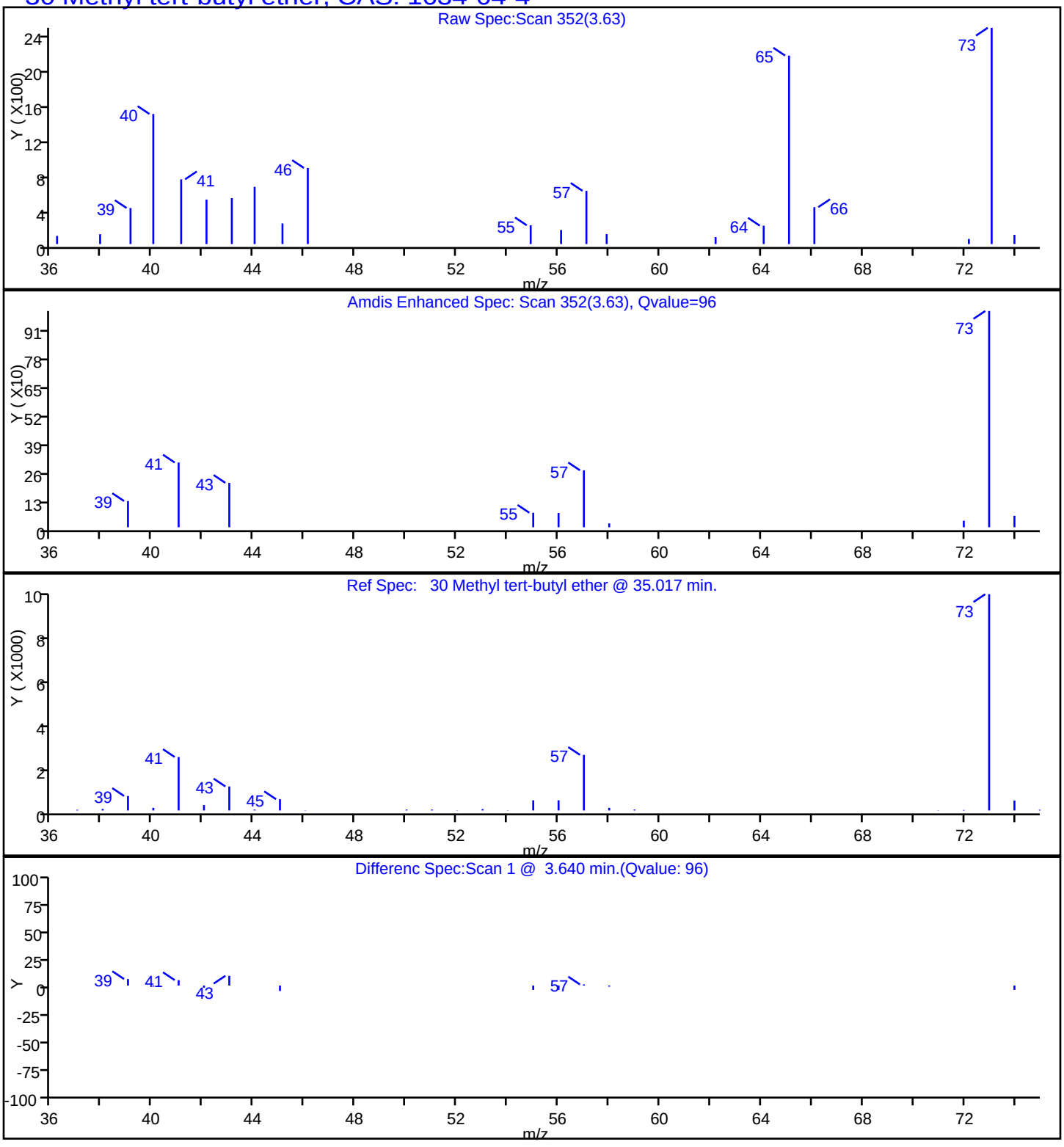
Report Date: 03-Oct-2016 07:16:58 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27657.D

Injection Date:	03-Oct-2016 00:34:30	Instrument ID:	CVOAMS1		
Lims ID:	460-121167-A-3	Lab Sample ID:	460-121167-3		
Client ID:	MW-7D				
Operator ID:	VOA GC/MS1	ALS Bottle#:	44	Worklist Smp#:	51
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

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



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-13 | Lab Sample ID: 460-121167-4

Matrix: Water | Lab File ID: A27658.D

Analysis Method: 624 | Date Collected: 09/29/2016 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 00:55

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.22	U	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	22		1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	6.8		1.0	0.35
95-50-1	1,2-Dichlorobenzene	0.75	J	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.67	J	1.0	0.33
106-46-7	1,4-Dichlorobenzene	4.1		1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.15	J	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-13 | Lab Sample ID: 460-121167-4

Matrix: Water | Lab File ID: A27658.D

Analysis Method: 624 | Date Collected: 09/29/2016 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 00:55

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.81	J	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		48-130
2037-26-5	Toluene-d8 (Surr)	103		80-120
460-00-4	Bromofluorobenzene	92		71-131
1868-53-7	Dibromofluoromethane (Surr)	103		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-13 | Lab Sample ID: 460-121167-4

Matrix: Water | Lab File ID: A27658.D

Analysis Method: 624 | Date Collected: 09/29/2016 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 00:55

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.: 394312 | Units: ug/L

Number TICs Found: 10 | TIC Result Total: 118.7

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
526-73-8	Benzene, 1,2,3-trimethyl-	8.74	7.8	J N	95%
1074-43-7	Benzene, 1-methyl-3-propyl-	9.30	8.1	J N	94%
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	9.34	12	J N	97%
1074-55-1	Benzene, 1-methyl-4-propyl-	9.46	7.3	J N	93%
933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	9.57	8.0	J N	96%
824-90-8	1-Phenyl-1-butene	9.66	13	J N	89%
934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	9.77	7.7	J N	96%
95-93-2	Benzene, 1,2,4,5-tetramethyl-	9.86	14	J N	96%
527-53-7	Benzene, 1,2,3,5-tetramethyl-	10.16	34	J N	94%
6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-	11.20	6.8	J N	94%

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27658.D
Lims ID: 460-121167-A-4
Client ID: MW-13
Sample Type: Client
Inject. Date: 03-Oct-2016 00:55:30 ALS Bottle#: 45 Worklist Smp#: 52
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121167-A-4
Misc. Info.: 460-0046300-052
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 03-Oct-2016 07:21:26 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK033

First Level Reviewer: kaewink Date: 04-Oct-2016 12:43:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.462	3.450	0.012	100	245632	1000.0	
* 39 2-Butanone-d5	46	4.437	4.425	0.012	99	295364	250.0	
$ 53 Dibromofluoromethane (Surr	113	4.828	4.815	0.013	94	116504	51.3	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.096	0.006	98	153720	55.9	
* 64 Fluorobenzene	96	5.309	5.303	0.006	97	429064	50.0	
* 70 1,4-Dioxane-d8	96	5.852	5.846	0.006	93	20129	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.663	6.662	0.001	98	388230	51.5	
86 Tetrachloroethene	166	7.144	7.144	0.000	78	275	0.1500	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	92	264191	50.0	
98 o-Xylene	106	8.187	8.187	0.000	92	3142	0.8080	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	83	96664	45.8	
118 1,3-Dichlorobenzene	146	9.138	9.138	0.000	89	2957	0.6709	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	98	148557	50.0	
120 1,4-Dichlorobenzene	146	9.193	9.192	0.001	88	18678	4.12	
125 1,2-Dichlorobenzene	146	9.418	9.418	0.000	62	3239	0.7453	
129 1,2,4-Trichlorobenzene	180	10.503	10.503	0.000	92	56326	22.1	
132 1,2,3-Trichlorobenzene	180	10.936	10.936	0.000	91	12647	6.85	
S 134 Xylenes, Total	100				0		0.8080	

Reagents:

8260ISNEW_00085	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00140	Amount Added:	1.00	Units: uL	Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27658.D
Lims ID: 460-121167-A-4
Client ID: MW-13
Sample Type: Client
Inject. Date: 03-Oct-2016 00:55:30 ALS Bottle#: 45 Worklist Smp#: 52
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121167-A-4
Misc. Info.: 460-0046300-052
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 03-Oct-2016 07:21:26 Calib Date: 08-Sep-2016 04:26:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 85

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK033

First Level Reviewer: kaewink Date: 04-Oct-2016 12:43:52

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
526-73-8 Benzene, 1,2,3-trimethyl-								
8.742	227315	7.83	119	95	9123	C9H12	120	
1074-43-7 Benzene, 1-methyl-3-propyl-								
9.302	234671	8.09	119	94	14345	C10H14	134	
1758-88-9 Benzene, 2-ethyl-1,4-dimethyl-								
9.339	350689	12.1	119	97	14378	C10H14	134	I
1074-55-1 Benzene, 1-methyl-4-propyl-								
9.461	212411	7.32	119	93	14344	C10H14	134	
933-98-2 Benzene, 1-ethyl-2,3-dimethyl-								
9.571	232376	8.01	119	96	14369	C10H14	134	
824-90-8 1-Phenyl-1-butene								
9.662	374581	12.9	119	89	13569	C10H12	132	
934-80-5 Benzene, 4-ethyl-1,2-dimethyl-								
9.772	224333	7.73	119	96	14377	C10H14	134	
95-93-2 Benzene, 1,2,4,5-tetramethyl-								
9.863	396195	13.7	119	96	14361	C10H14	134	
527-53-7 Benzene, 1,2,3,5-tetramethyl-								
10.162	994041	34.3	119	94	14356	C10H14	134	I
6682-71-9 1H-Indene, 2,3-dihydro-4,7-dimethyl-								
11.198	196352	6.77	119	94	20749	C11H14	146	

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 119 1,4-Dichlorobenzene-d4	9.180	1450710	50.0

QC Flag Legend

Processing Flags
Review Flags
I - User Selected Library Match

Reagents:

8260ISNEW_00085	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00140	Amount Added:	1.00	Units: uL	Run Reagent

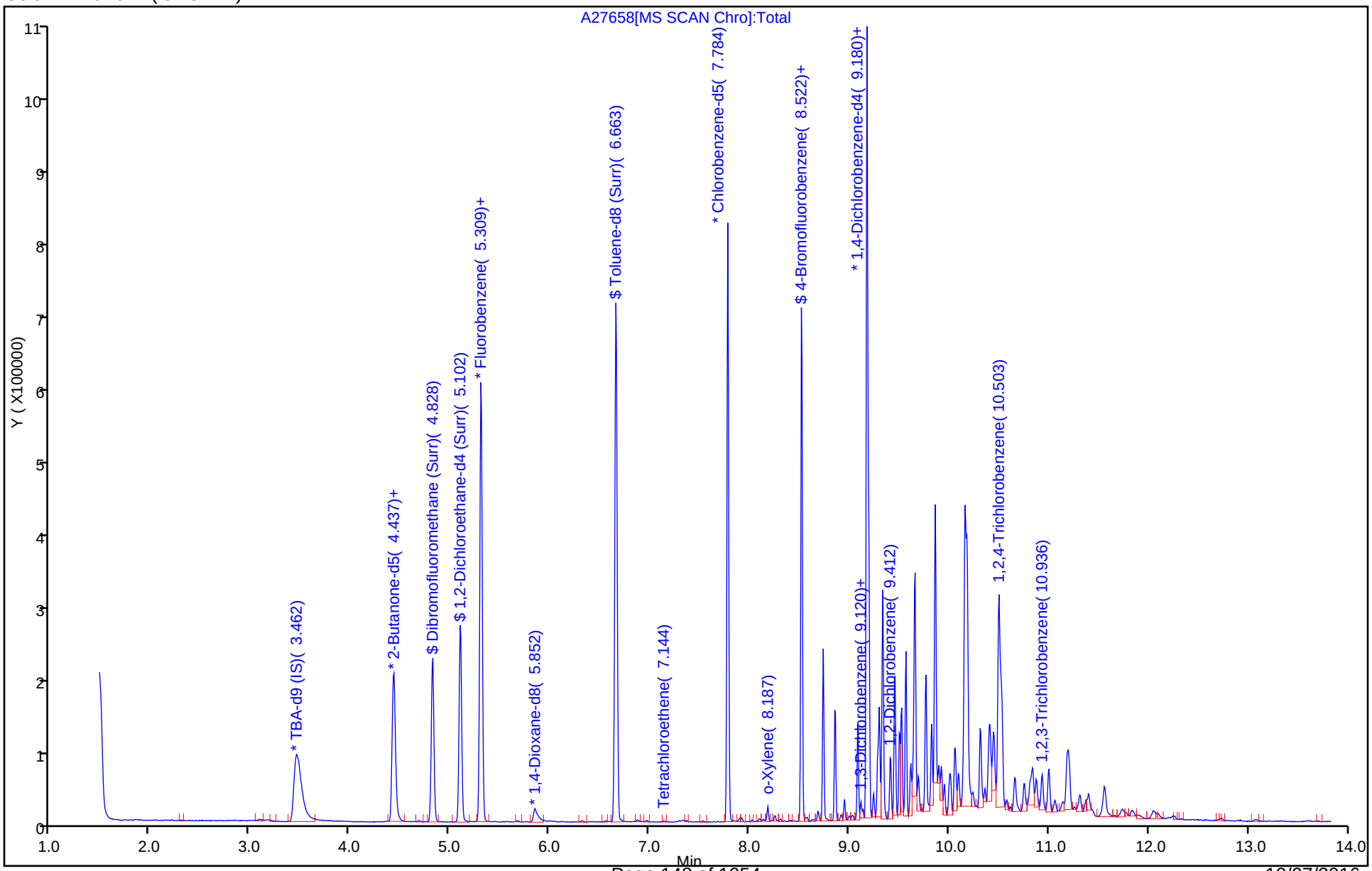
Report Date: 04-Oct-2016 12:44:06 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27658.D

Injection Date:	03-Oct-2016 00:55:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-121167-A-4	Lab Sample ID:	460-121167-4	Worklist Smp#:	52
Client ID:	MW-13				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	45
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

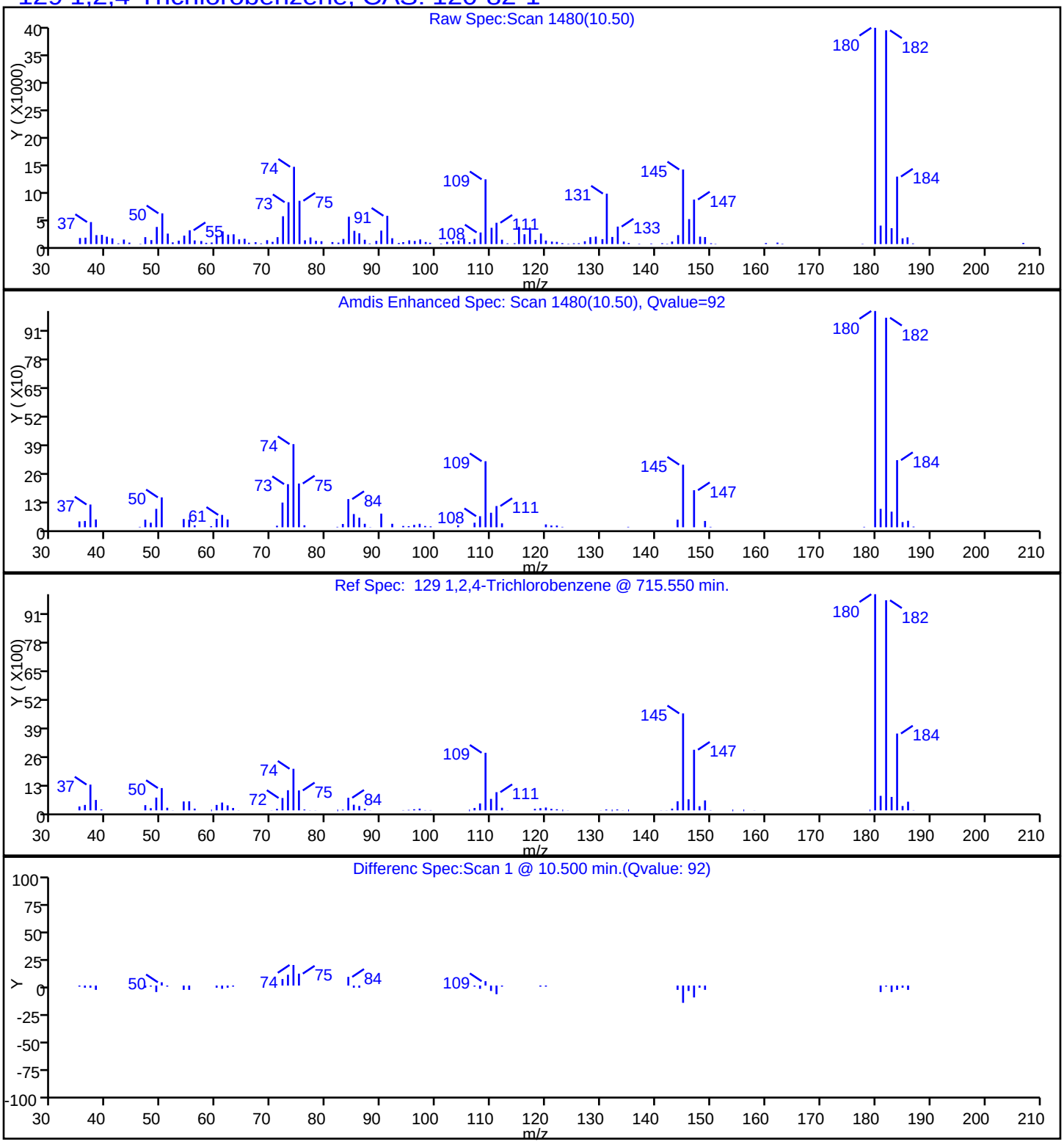
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27658.D				
Injection Date:	03-Oct-2016 00:55:30	Instrument ID:	CVOAMS1		
Lims ID:	460-121167-A-4	Lab Sample ID:	460-121167-4		
Client ID:	MW-13				
Operator ID:	VOA GC/MS1	ALS Bottle#:	45	Worklist Smp#:	52
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

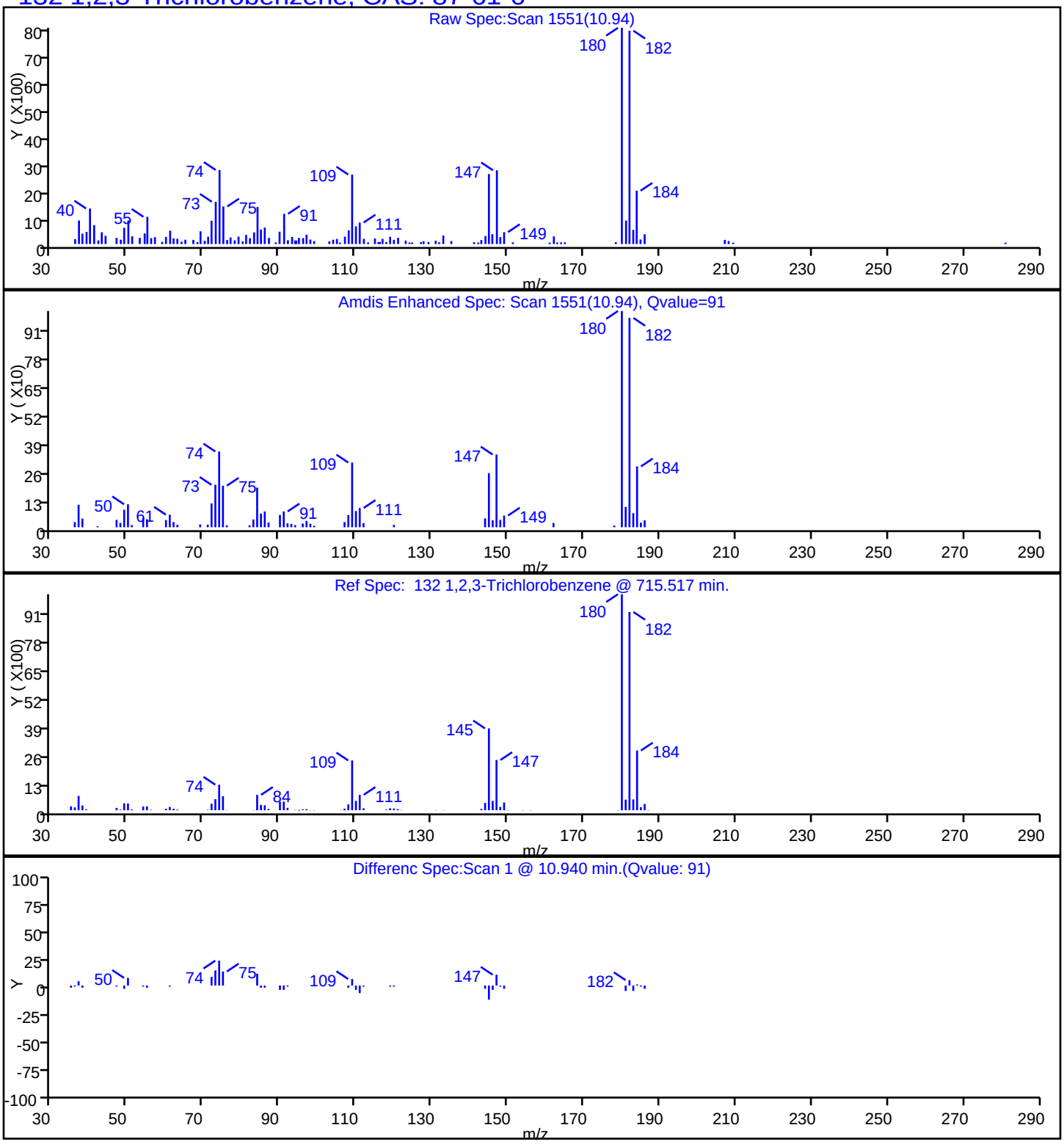
129 1,2,4-Trichlorobenzene, CAS: 120-82-1



Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27658.D

Injection Date:	03-Oct-2016 00:55:30	Instrument ID:	CVOAMS1		
Lims ID:	460-121167-A-4	Lab Sample ID:	460-121167-4		
Client ID:	MW-13				
Operator ID:	VOA GC/MS1	ALS Bottle#:	45	Worklist Smp#:	52
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

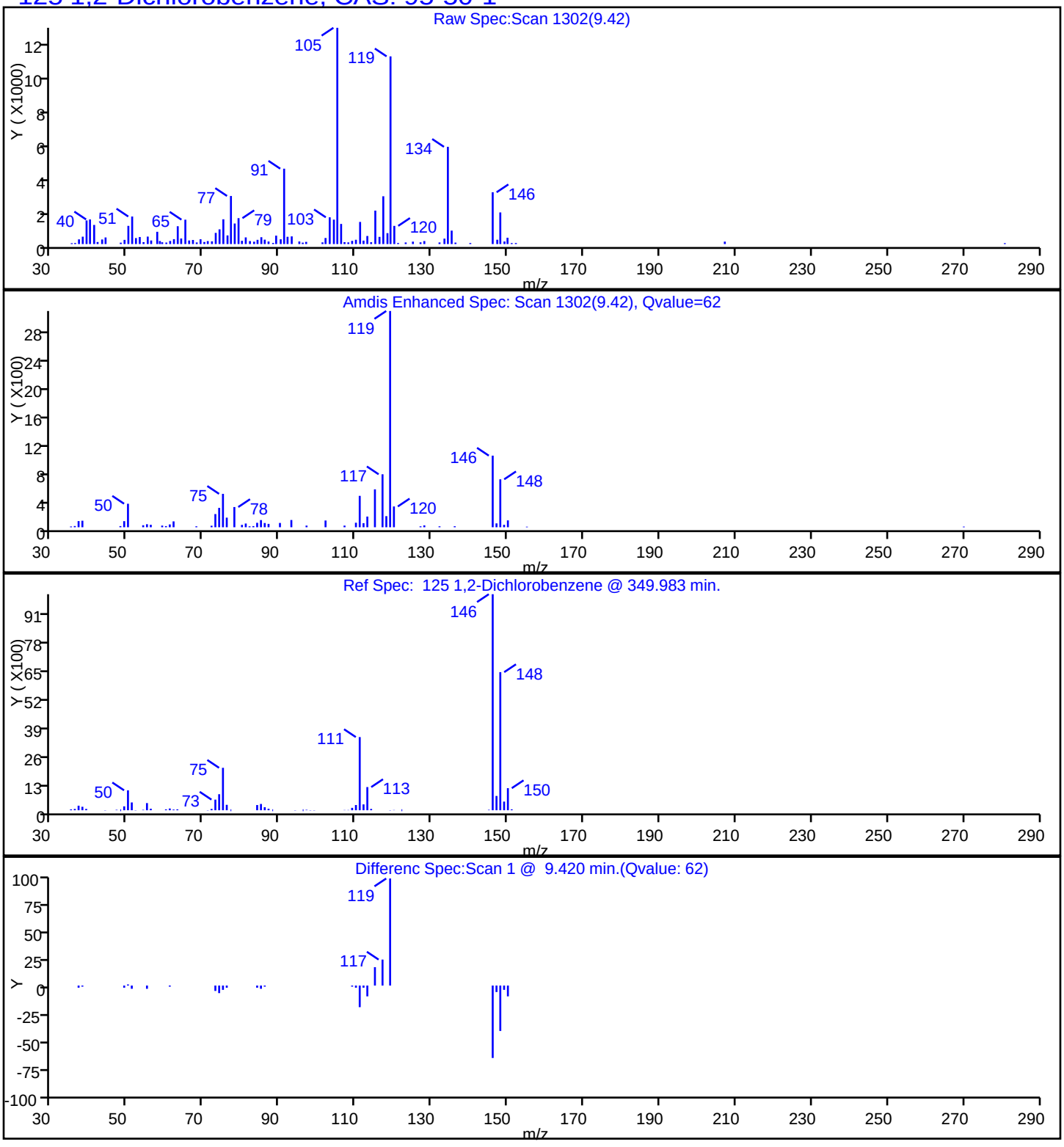
132 1,2,3-Trichlorobenzene, CAS: 87-61-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27658.D				
Injection Date:	03-Oct-2016 00:55:30	Instrument ID:	CVOAMS1		
Lims ID:	460-121167-A-4	Lab Sample ID:	460-121167-4		
Client ID:	MW-13				
Operator ID:	VOA GC/MS1	ALS Bottle#:	45	Worklist Smp#:	52
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

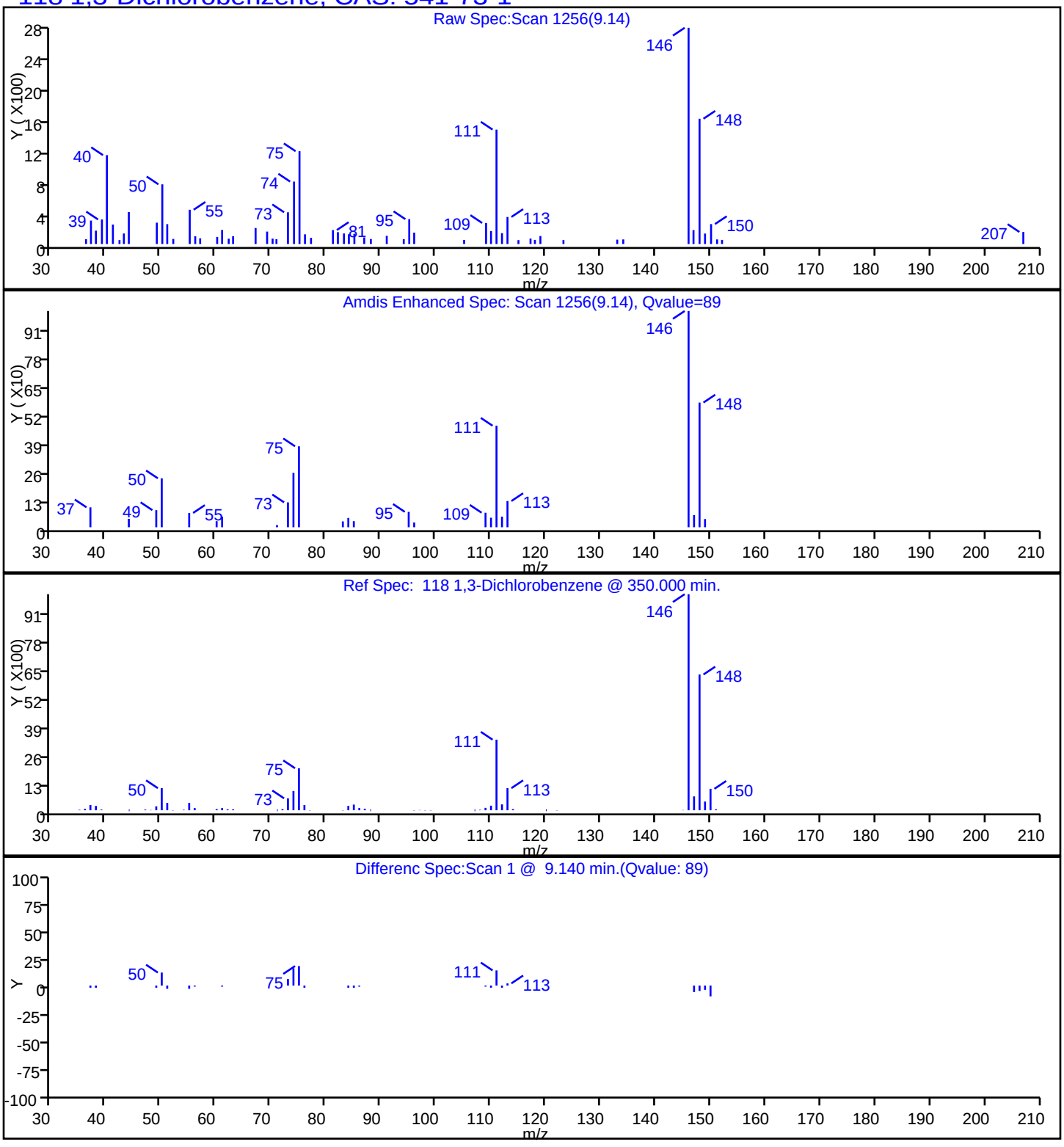
125 1,2-Dichlorobenzene, CAS: 95-50-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27658.D				
Injection Date:	03-Oct-2016 00:55:30	Instrument ID:	CVOAMS1		
Lims ID:	460-121167-A-4	Lab Sample ID:	460-121167-4		
Client ID:	MW-13				
Operator ID:	VOA GC/MS1	ALS Bottle#:	45	Worklist Smp#:	52
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

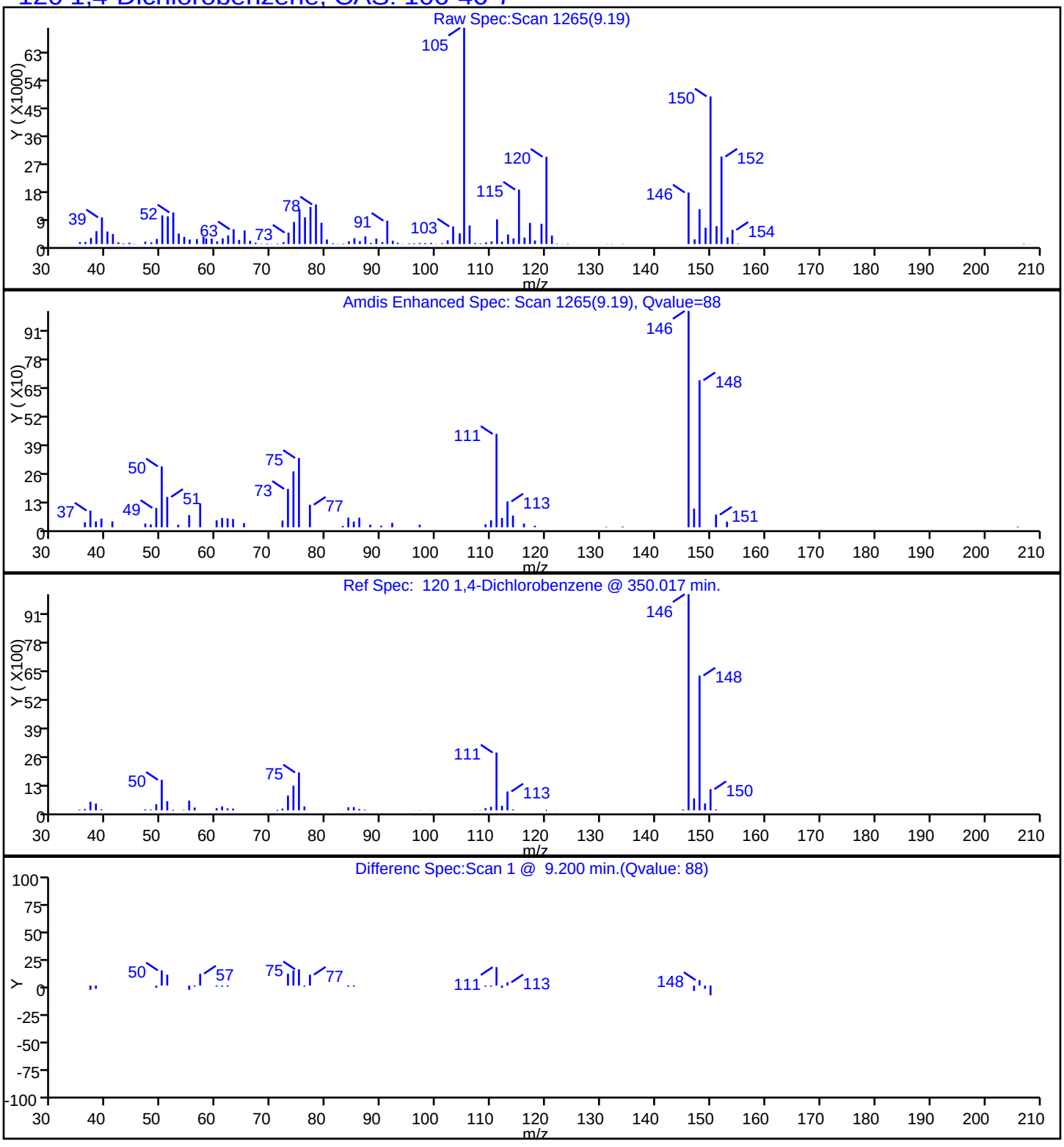
118 1,3-Dichlorobenzene, CAS: 541-73-1



TestAmerica Edison

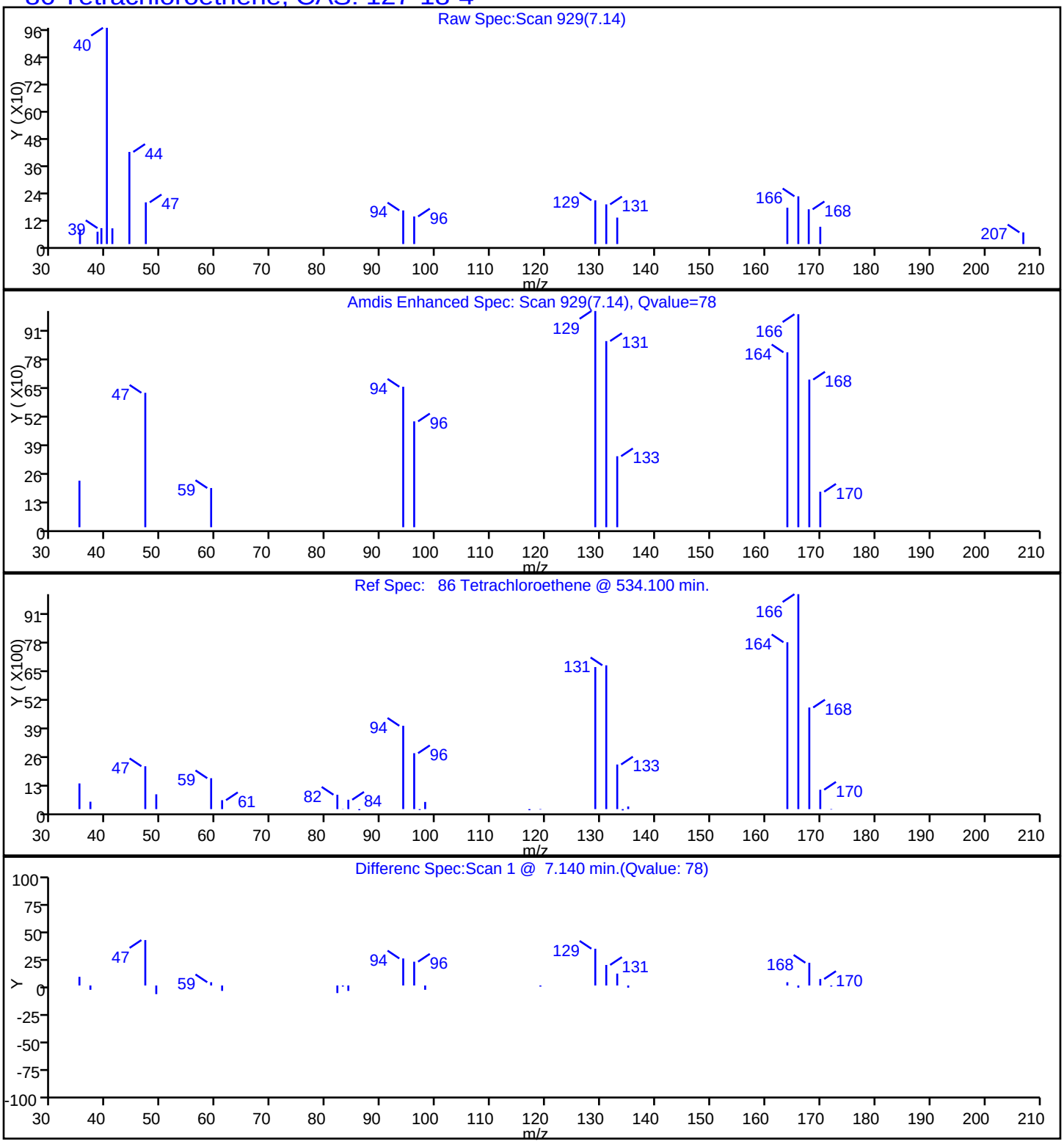
Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27658.D				
Injection Date:	03-Oct-2016 00:55:30	Instrument ID:	CVOAMS1		
Lims ID:	460-121167-A-4	Lab Sample ID:	460-121167-4		
Client ID:	MW-13				
Operator ID:	VOA GC/MS1	ALS Bottle#:	45	Worklist Smp#:	52
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

120 1,4-Dichlorobenzene, CAS: 106-46-7



Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27658.D
Injection Date: 03-Oct-2016 00:55:30 Instrument ID: CVOAMS1
Lims ID: 460-121167-A-4 Lab Sample ID: 460-121167-4
Client ID: MW-13
Operator ID: VOA GC/MS1 ALS Bottle#: 45 Worklist Smp#: 52
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA 624 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

86 Tetrachloroethene, CAS: 127-18-4



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27658.D				
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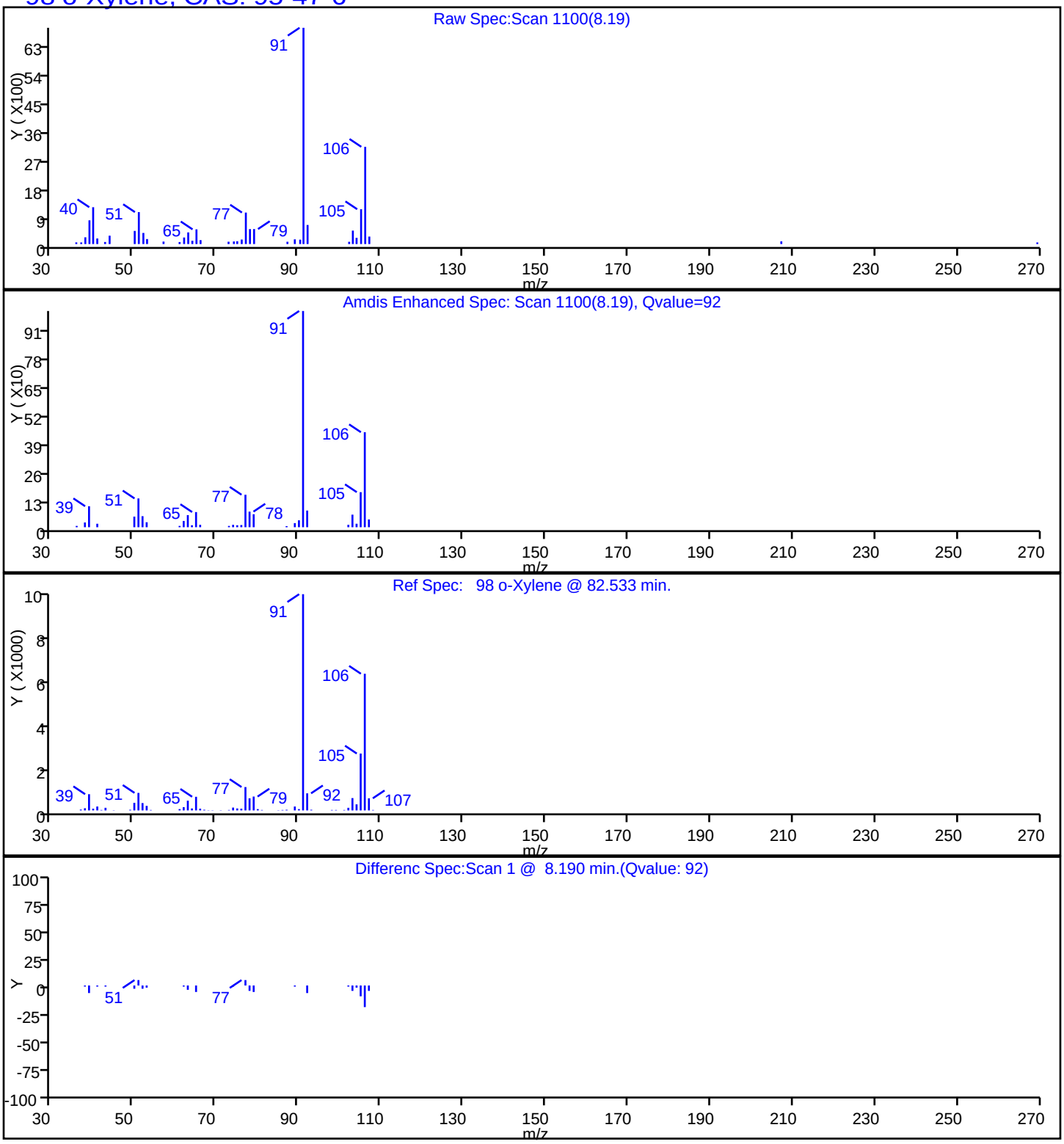
Lims ID:	460-121167-A-4	Lab Sample ID:	460-121167-4		
Client ID:	MW-13				
Operator ID:	VOA GC/MS1	ALS Bottle#:	45	Worklist Smp#:	52
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

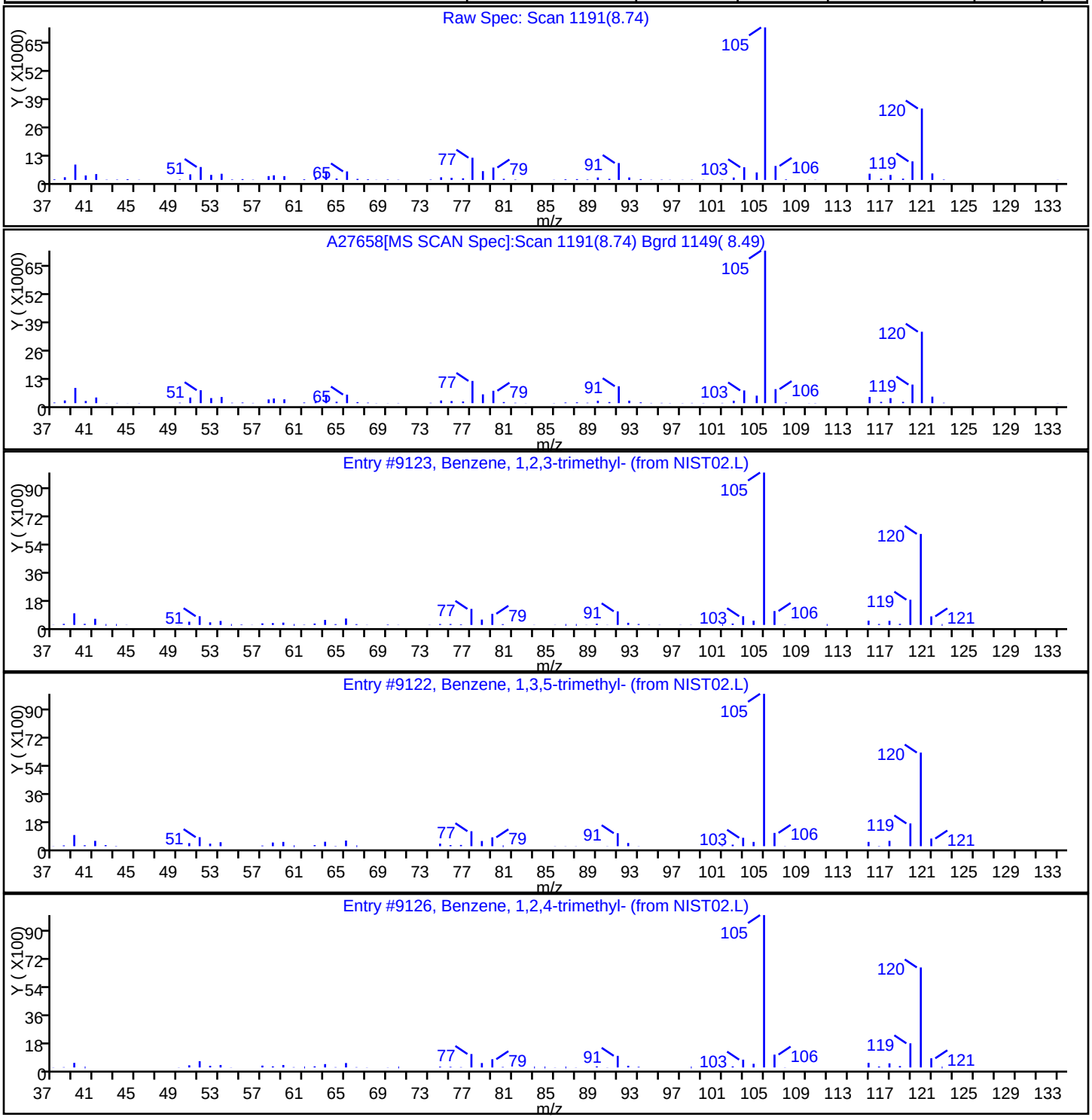
98 o-Xylene, CAS: 95-47-6



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27658.D
Injection Date: 03-Oct-2016 00:55:30 Instrument ID: CVOAMS1
Lims ID: 460-121167-A-4 Lab Sample ID: 460-121167-4
Client ID: MW-13
Operator ID: VOA GC/MS1 ALS Bottle#: 45 Worklist Smp#: 52
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

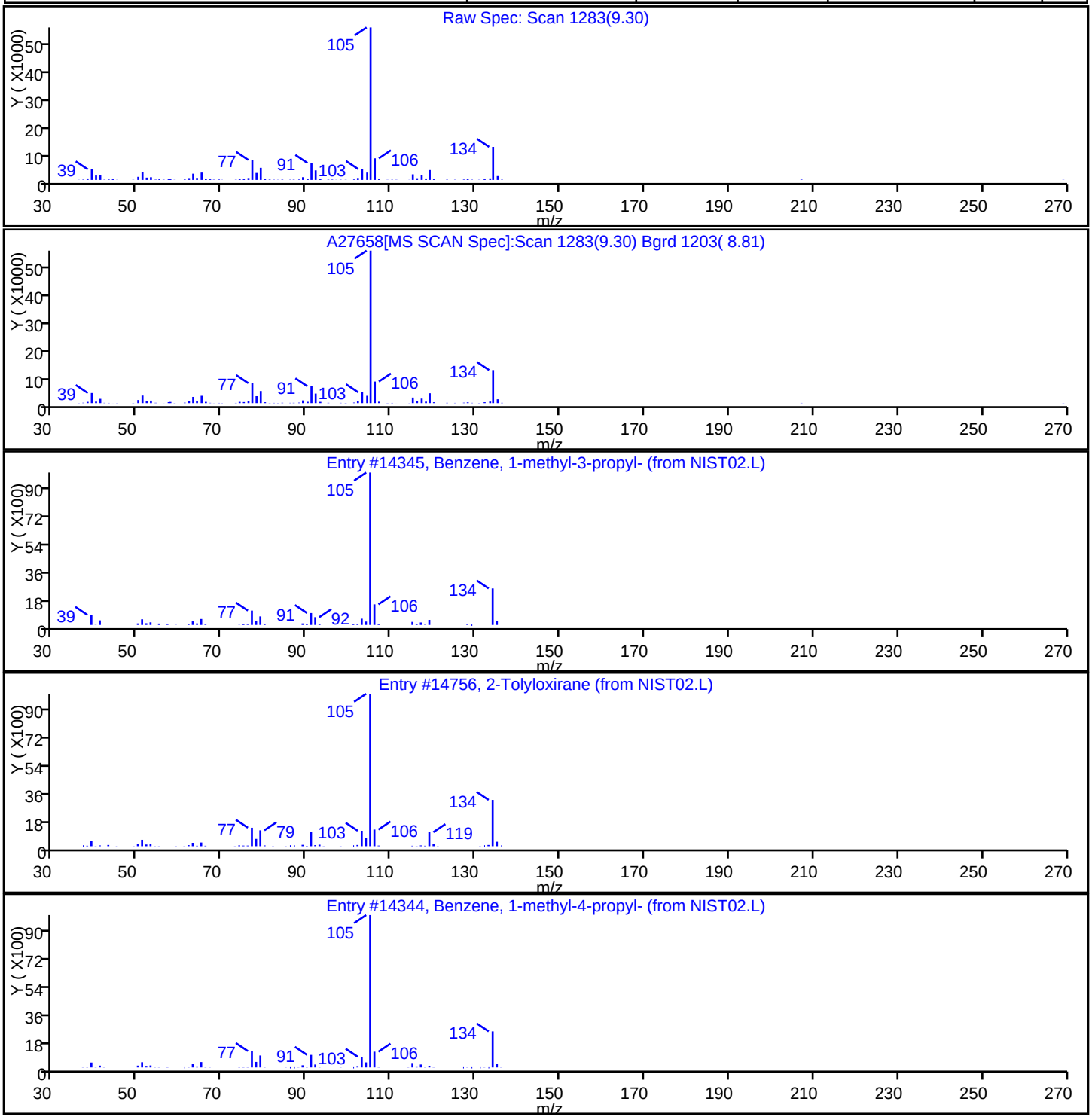
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9123	C9H12	120	95
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.L	9122	C9H12	120	94
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.L	9126	C9H12	120	94



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27658.D
Injection Date: 03-Oct-2016 00:55:30 Instrument ID: CVOAMS1
Lims ID: 460-121167-A-4 Lab Sample ID: 460-121167-4
Client ID: MW-13
Operator ID: VOA GC/MS1 ALS Bottle#: 45 Worklist Smp#: 52
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

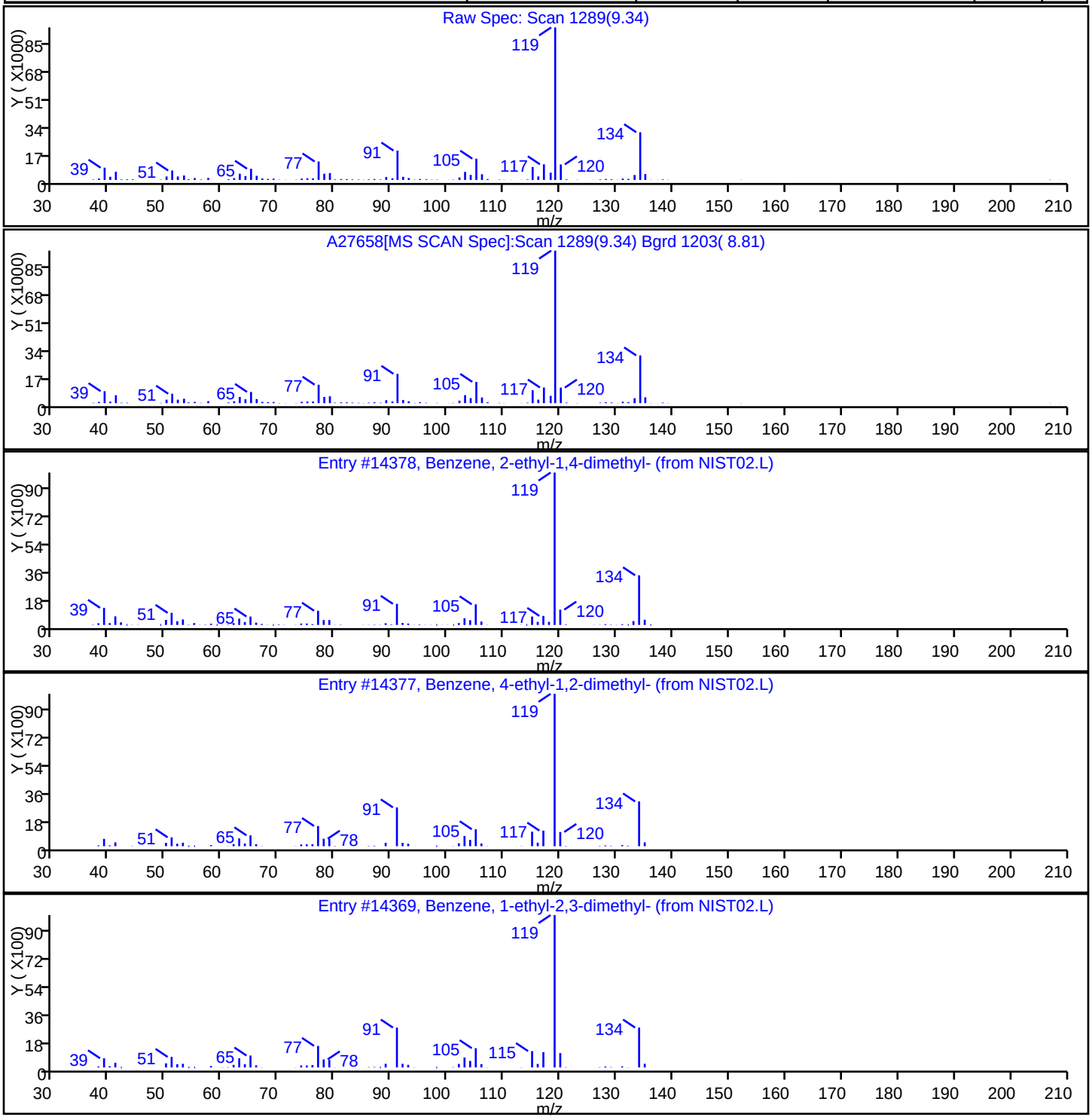
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-3-propyl-	1074-43-7	NIST02.L	14345	C10H14	134	94
2-Tolyloxirane	2783-26-8	NIST02.L	14756	C9H10O	134	94
Benzene, 1-methyl-4-propyl-	1074-55-1	NIST02.L	14344	C10H14	134	91



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27658.D
Injection Date: 03-Oct-2016 00:55:30 Instrument ID: CVOAMS1
Lims ID: 460-121167-A-4 Lab Sample ID: 460-121167-4
Client ID: MW-13
Operator ID: VOA GC/MS1 ALS Bottle#: 45 Worklist Smp#: 52
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.L	14378	C10H14	134	97
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.L	14377	C10H14	134	97
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.L	14369	C10H14	134	95

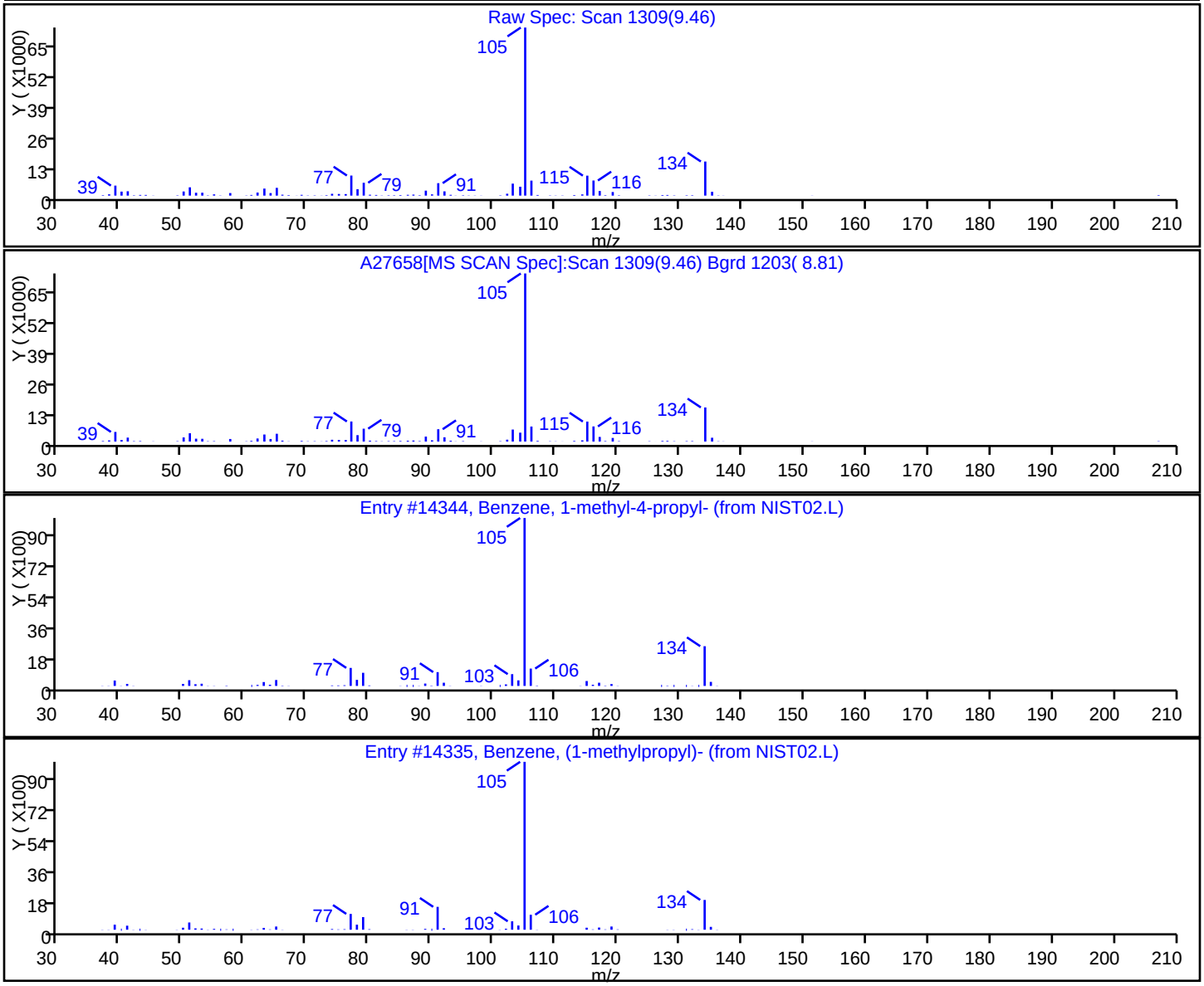


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27658.D

Injection Date:	03-Oct-2016 00:55:30	Instrument ID:	CVOAMS1		
Lims ID:	460-121167-A-4	Lab Sample ID:	460-121167-4		
Client ID:	MW-13				
Operator ID:	VOA GC/MS1	ALS Bottle#:	45	Worklist Smp#:	52
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		
Column:		Detector	MS SCAN		

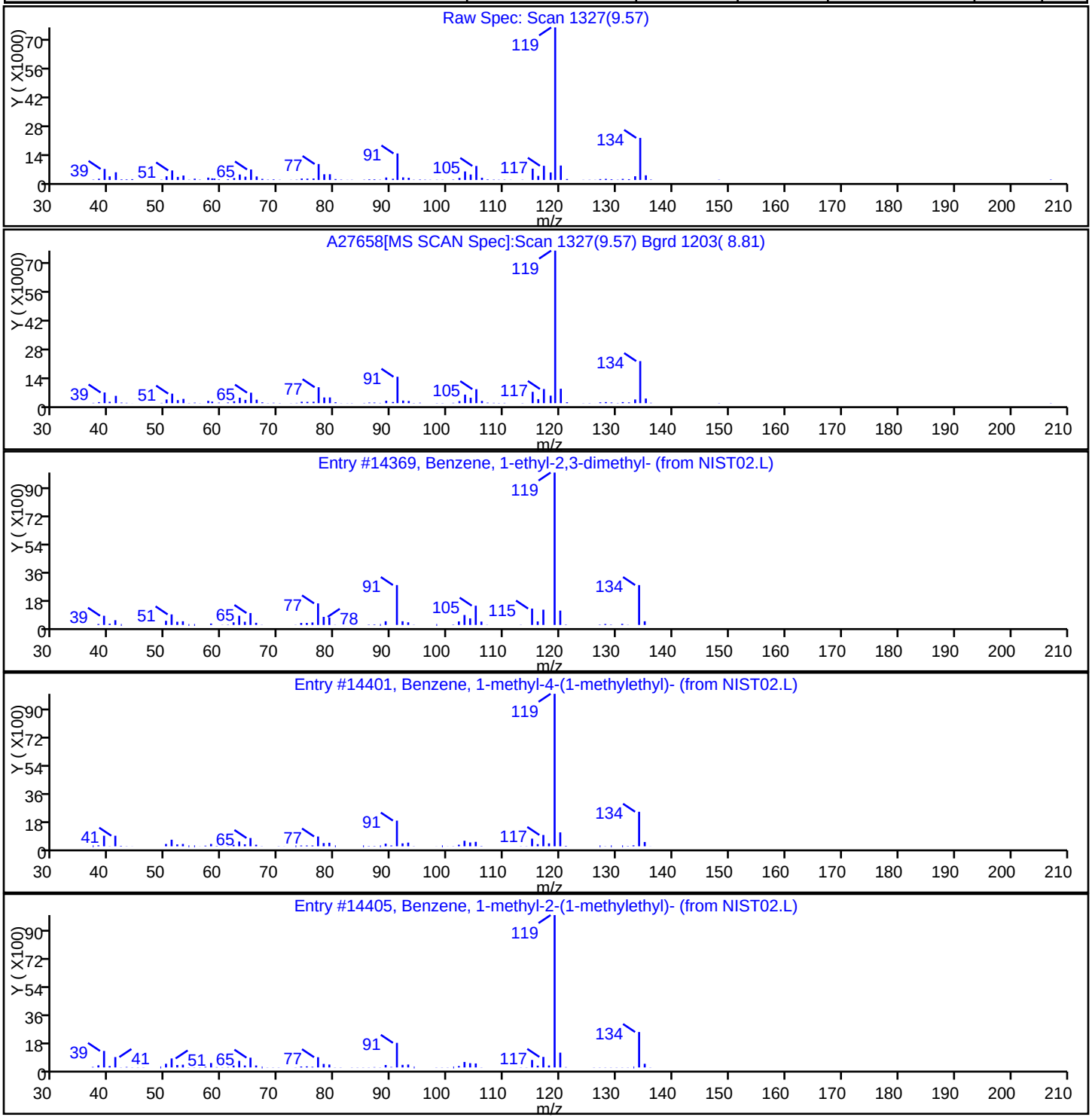
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-4-propyl-	1074-55-1	NIST02.L	14344	C10H14	134	93
Benzene, (1-methylpropyl)-	135-98-8	NIST02.L	14335	C10H14	134	87



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27658.D
Injection Date: 03-Oct-2016 00:55:30 Instrument ID: CVOAMS1
Lims ID: 460-121167-A-4 Lab Sample ID: 460-121167-4
Client ID: MW-13
Operator ID: VOA GC/MS1 ALS Bottle#: 45 Worklist Smp#: 52
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.L	14369	C10H14	134	96
Benzene, 1-methyl-4-(1-methylethyl)-	99-87-6	NIST02.L	14401	C10H14	134	94
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14405	C10H14	134	94

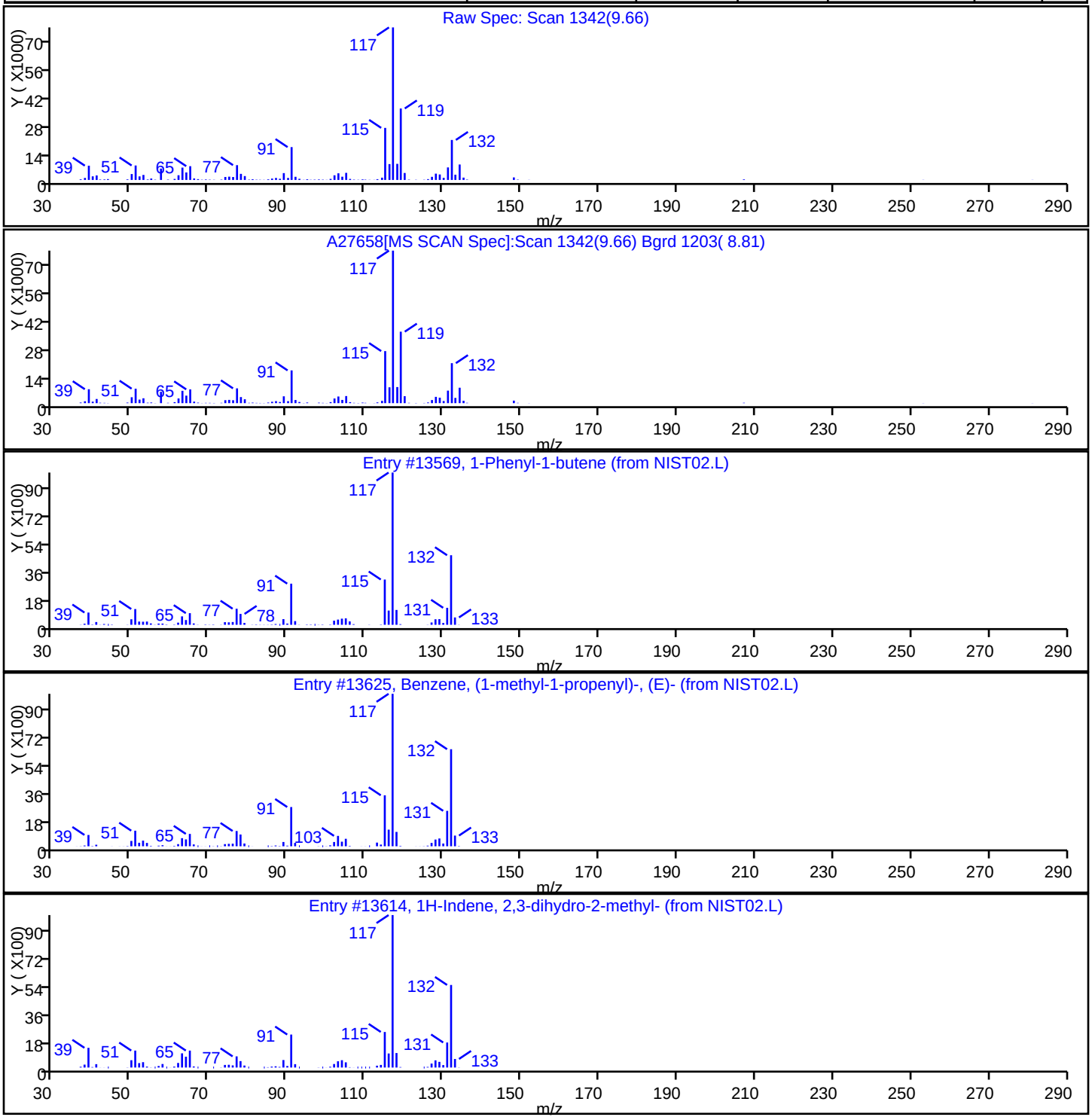


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27658.D

Injection Date:	03-Oct-2016 00:55:30	Instrument ID:	CVOAMS1		
Lims ID:	460-121167-A-4	Lab Sample ID:	460-121167-4		
Client ID:	MW-13				
Operator ID:	VOA GC/MS1	ALS Bottle#:	45	Worklist Smp#:	52
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		
Column:		Detector	MS SCAN		

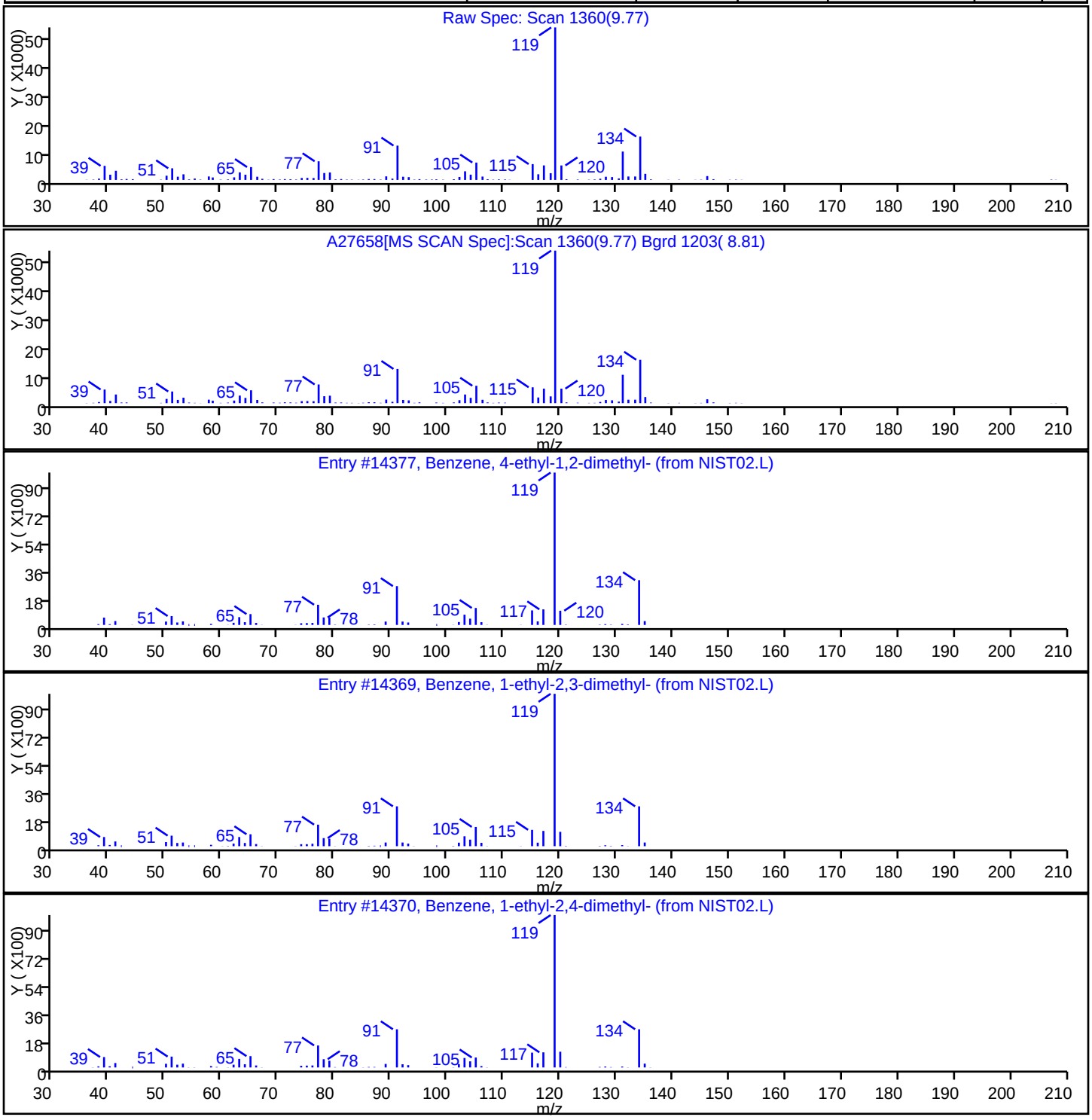
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Phenyl-1-butene	824-90-8	NIST02.L	13569	C10H12	132	89
Benzene, (1-methyl-1-propenyl)-, (E)-	768-00-3	NIST02.L	13625	C10H12	132	89
1H-Indene, 2,3-dihydro-2-methyl-	824-63-5	NIST02.L	13614	C10H12	132	86



TestAmerica Edison

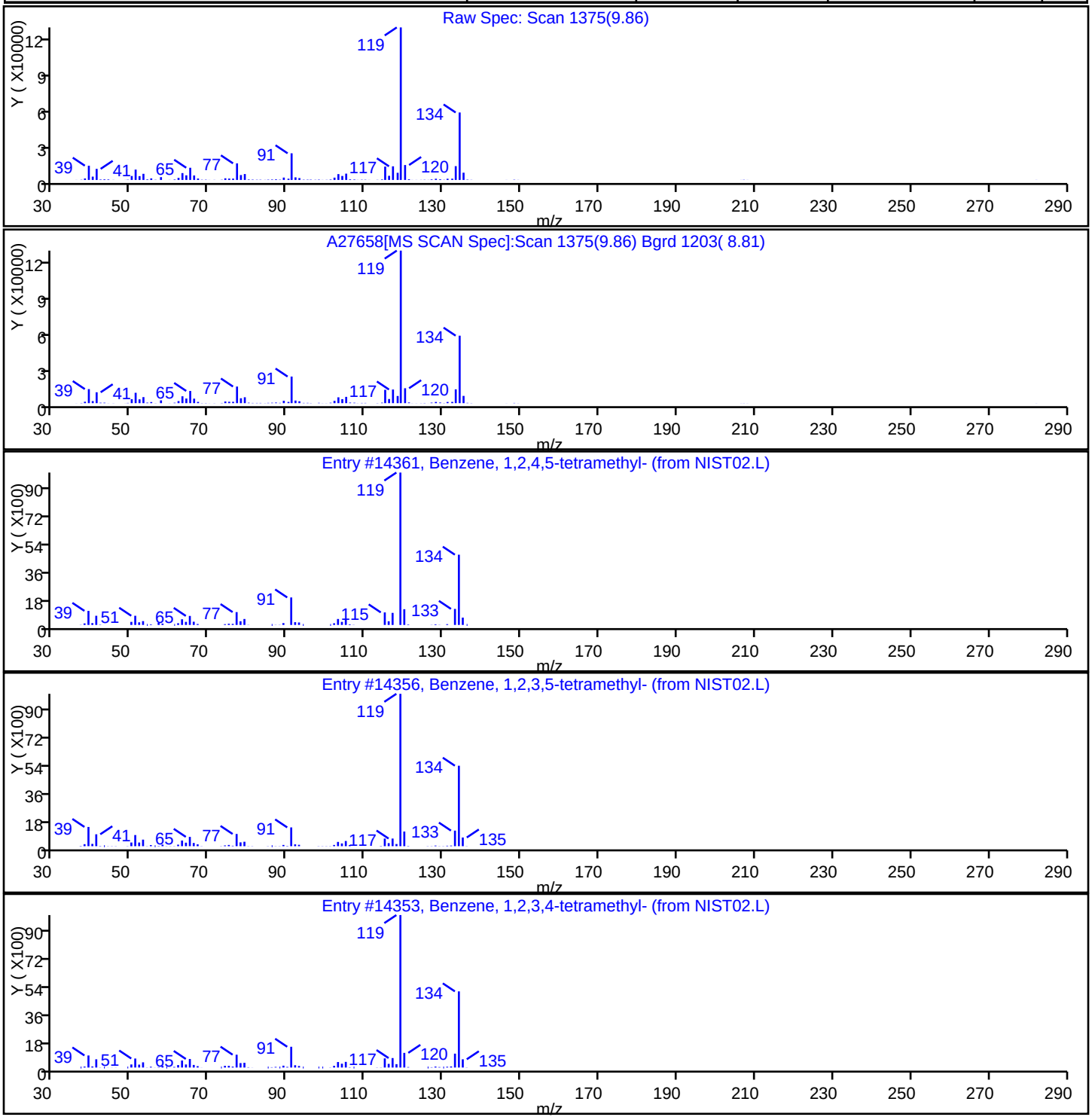
Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27658.D
Injection Date: 03-Oct-2016 00:55:30 Instrument ID: CVOAMS1
Lims ID: 460-121167-A-4 Lab Sample ID: 460-121167-4
Client ID: MW-13
Operator ID: VOA GC/MS1 ALS Bottle#: 45 Worklist Smp#: 52
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.L	14377	C10H14	134	96
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.L	14369	C10H14	134	96
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.L	14370	C10H14	134	95



Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27658.D
Injection Date: 03-Oct-2016 00:55:30 Instrument ID: CVOAMS1
Lims ID: 460-121167-A-4 Lab Sample ID: 460-121167-4
Client ID: MW-13
Operator ID: VOA GC/MS1 ALS Bottle#: 45 Worklist Smp#: 52
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

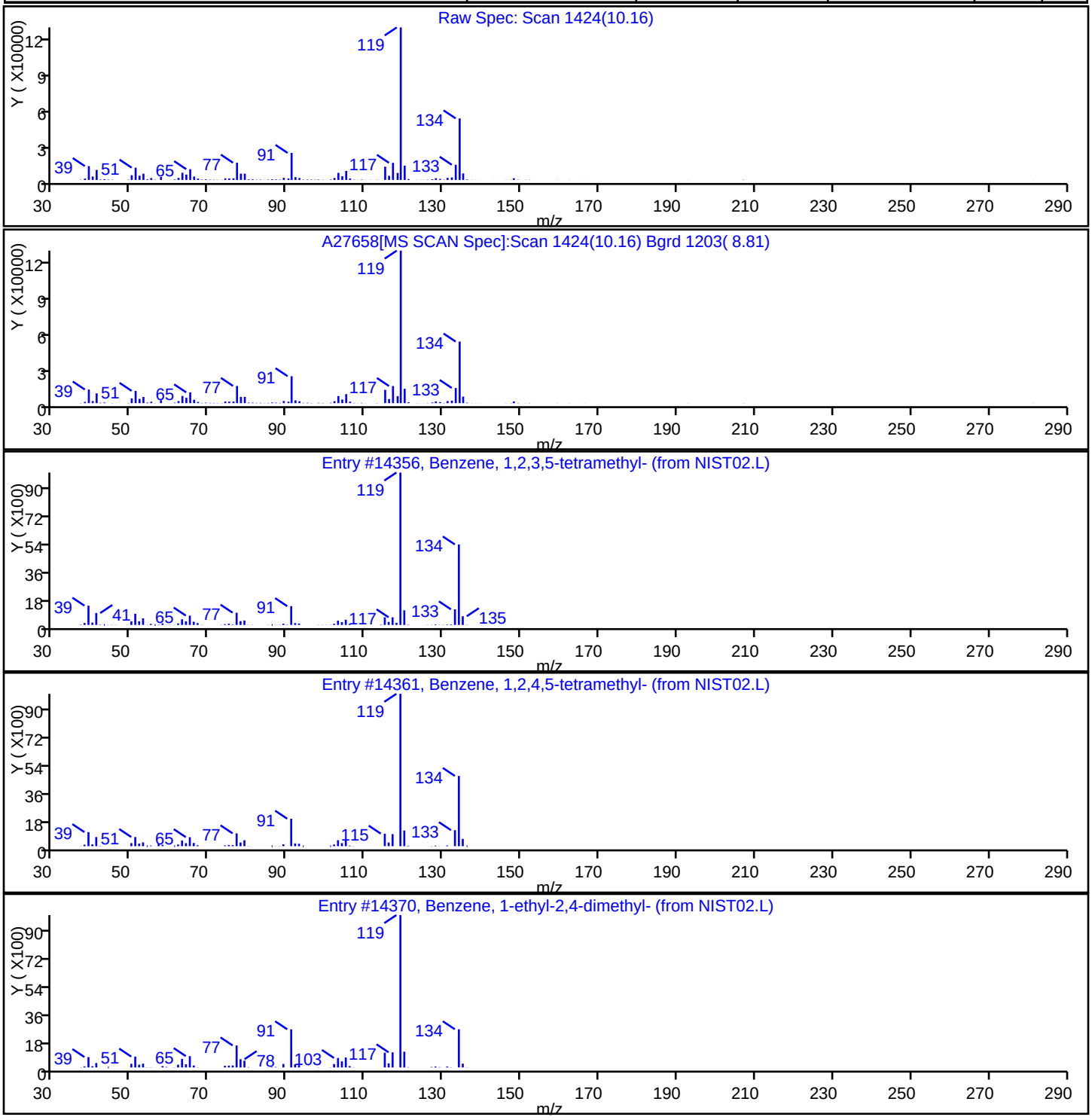
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	C10H14	134	96
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.L	14356	C10H14	134	95
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.L	14353	C10H14	134	95



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27658.D
Injection Date: 03-Oct-2016 00:55:30 Instrument ID: CVOAMS1
Lims ID: 460-121167-A-4 Lab Sample ID: 460-121167-4
Client ID: MW-13
Operator ID: VOA GC/MS1 ALS Bottle#: 45 Worklist Smp#: 52
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.L	14356	C10H14	134	94
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	C10H14	134	96
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.L	14370	C10H14	134	95

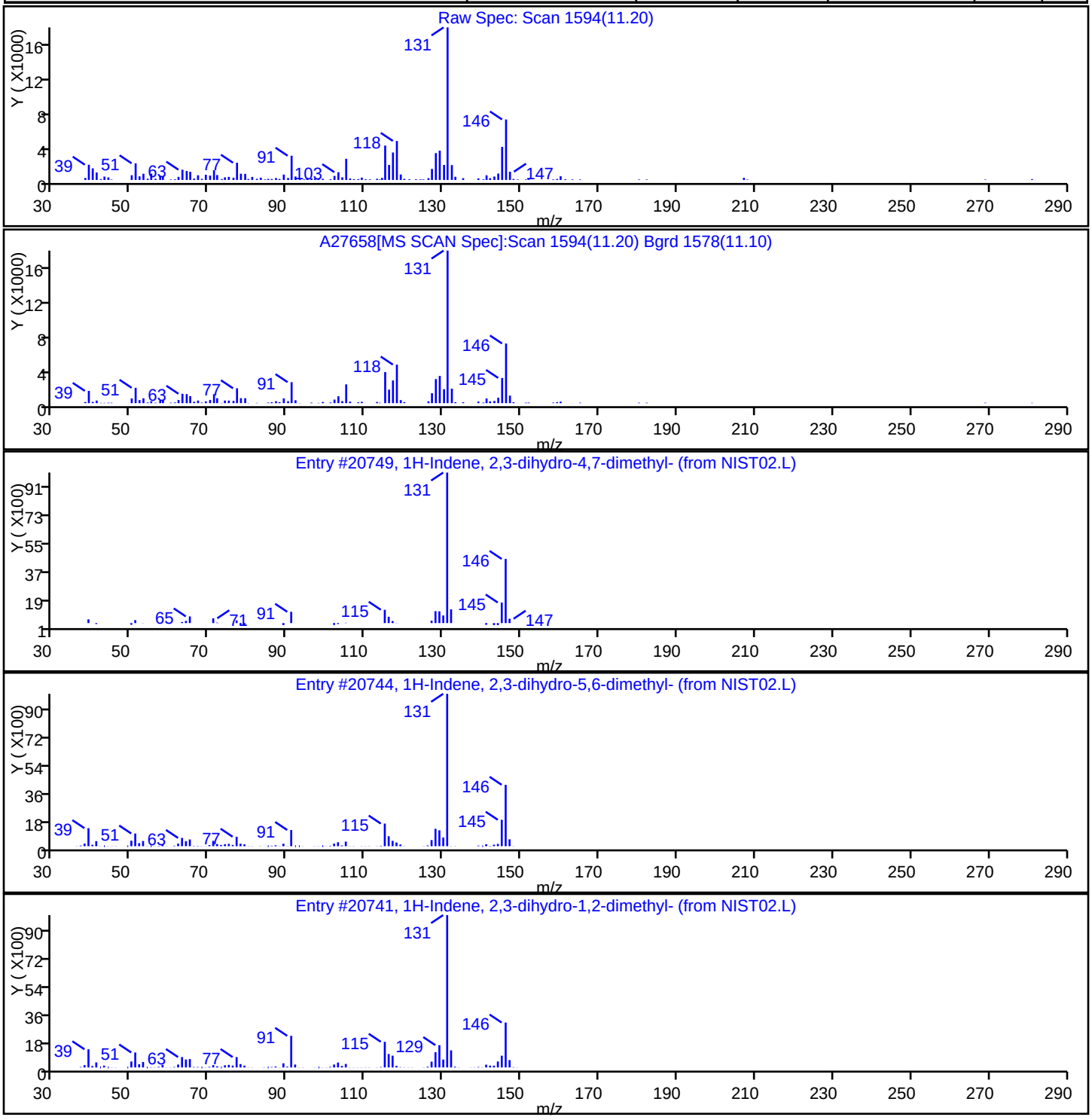


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27658.D

Injection Date:	03-Oct-2016 00:55:30	Instrument ID:	CVOAMS1		
Lims ID:	460-121167-A-4	Lab Sample ID:	460-121167-4		
Client ID:	MW-13				
Operator ID:	VOA GC/MS1	ALS Bottle#:	45	Worklist Smp#:	52
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.L	20749	C11H14	146	94
1H-Indene, 2,3-dihydro-5,6-dimethyl-	1075-22-5	NIST02.L	20744	C11H14	146	93
1H-Indene, 2,3-dihydro-1,2-dimethyl-	17057-82-8	NIST02.L	20741	C11H14	146	91



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-8D | Lab Sample ID: 460-121167-5

Matrix: Water | Lab File ID: E60637.D

Analysis Method: 624 | Date Collected: 09/29/2016 12:35

Sample wt/vol: 5(mL) | Date Analyzed: 10/04/2016 20:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394701 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.27	J	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	0.27	U	1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	0.35	U	1.0	0.35
95-50-1	1,2-Dichlorobenzene	0.22	U	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.33	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U *	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	1.7		1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-8D | Lab Sample ID: 460-121167-5

Matrix: Water | Lab File ID: E60637.D

Analysis Method: 624 | Date Collected: 09/29/2016 12:35

Sample wt/vol: 5(mL) | Date Analyzed: 10/04/2016 20:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394701 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		48-130
2037-26-5	Toluene-d8 (Surr)	100		80-120
460-00-4	Bromofluorobenzene	88		71-131
1868-53-7	Dibromofluoromethane (Surr)	99		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-8D | Lab Sample ID: 460-121167-5

Matrix: Water | Lab File ID: E60637.D

Analysis Method: 624 | Date Collected: 09/29/2016 12:35

Sample wt/vol: 5(mL) | Date Analyzed: 10/04/2016 20:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394701 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161004-46395.b\E60637.D
Lims ID: 460-121167-C-5
Client ID: MW-8D
Sample Type: Client
Inject. Date: 04-Oct-2016 20:38:30 ALS Bottle#: 20 Worklist Smp#: 32
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121167-C-5
Misc. Info.: 460-0046395-032
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161004-46395.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 05-Oct-2016 10:40:51 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: moroneyc Date: 05-Oct-2016 10:40:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
29 Methyl tert-butyl ether	73	1.854	1.862	-0.008	97	22750	1.67	
* 30 TBA-d9 (IS)	65	1.870	1.879	-0.009	97	490451	1000.0	
43 Chloroform	83	2.660	2.652	0.008	73	2072	0.2745	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	95	182028	49.4	
* 50 2-Butanone-d5	46	2.833	2.841	-0.008	98	490366	250.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	98	235504	50.7	
* 63 Fluorobenzene	96	3.385	3.385	0.000	98	708513	50.0	
* 74 1,4-Dioxane-d8	96	4.224	4.241	-0.016	96	51341	1000.0	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	98	702038	50.2	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	89	626277	50.0	
$ 105 4-Bromofluorobenzene	174	8.429	8.429	0.000	89	215709	43.8	
* 121 1,4-Dichlorobenzene-d4	152	10.166	10.174	-0.008	97	364787	50.0	

Reagents:

8260ISNEW_00089 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00141 Amount Added: 1.00 Units: uL Run Reagent

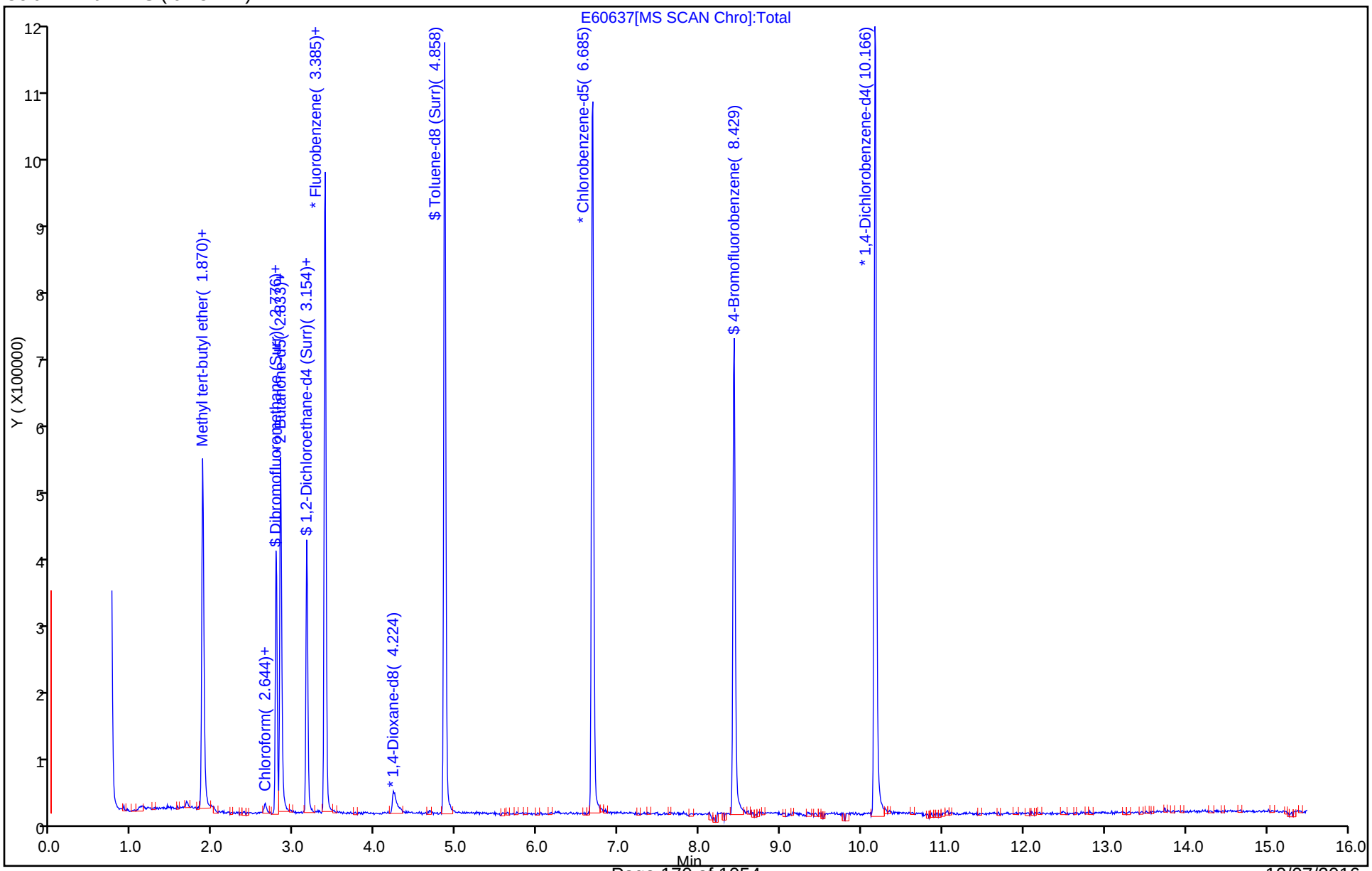
Report Date: 05-Oct-2016 10:42:52 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161004-46395.b\E60637.D

Injection Date:	04-Oct-2016 20:38:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	460-121167-C-5	Lab Sample ID:	460-121167-5	Worklist Smp#:	32
Client ID:	MW-8D				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8260W_5	Limit Group:	VOA 624 ICAL		

Column: Rtx-VMS (0.18 mm)



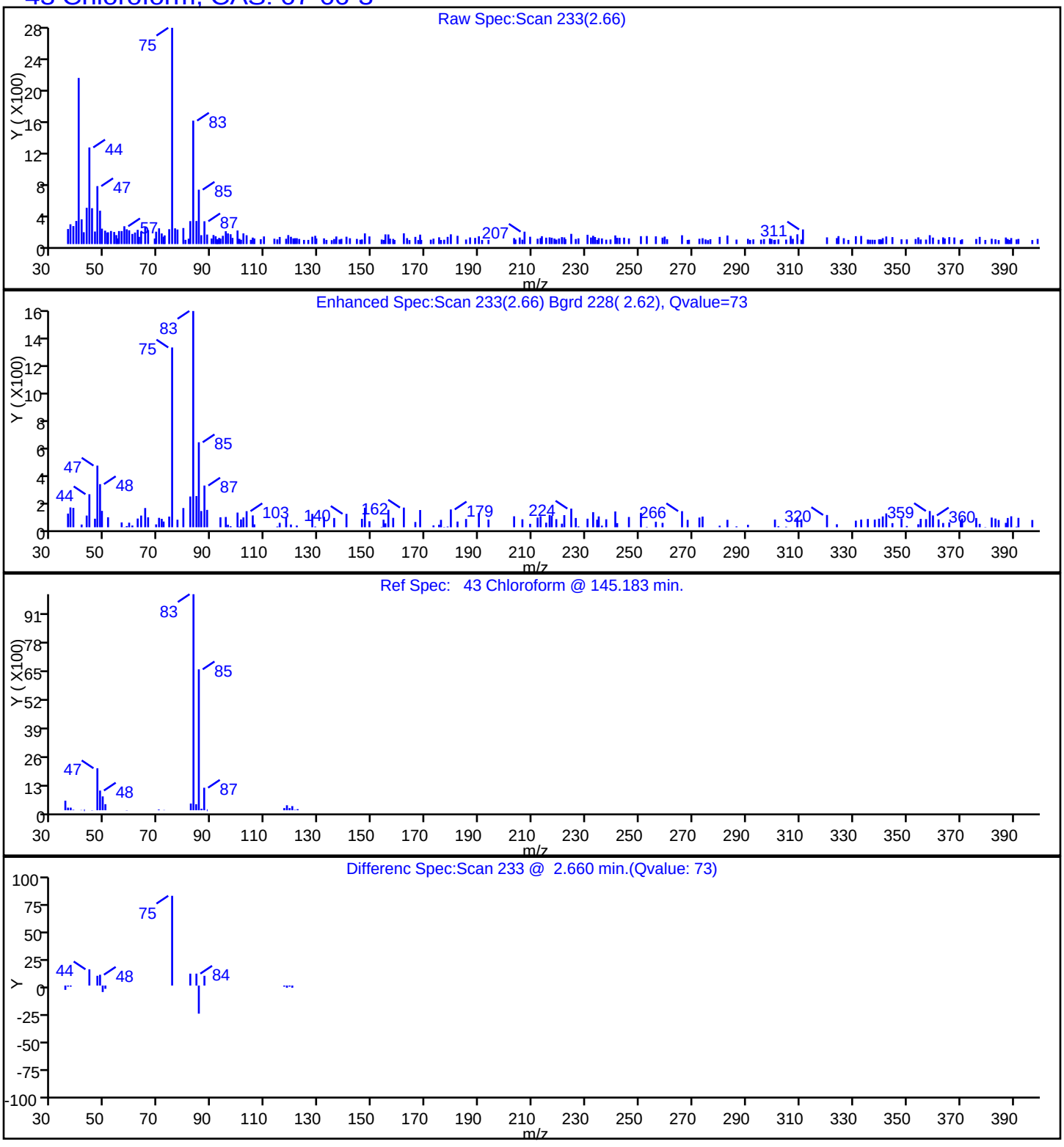
Report Date: 05-Oct-2016 10:42:52 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161004-46395.b\E60637.D

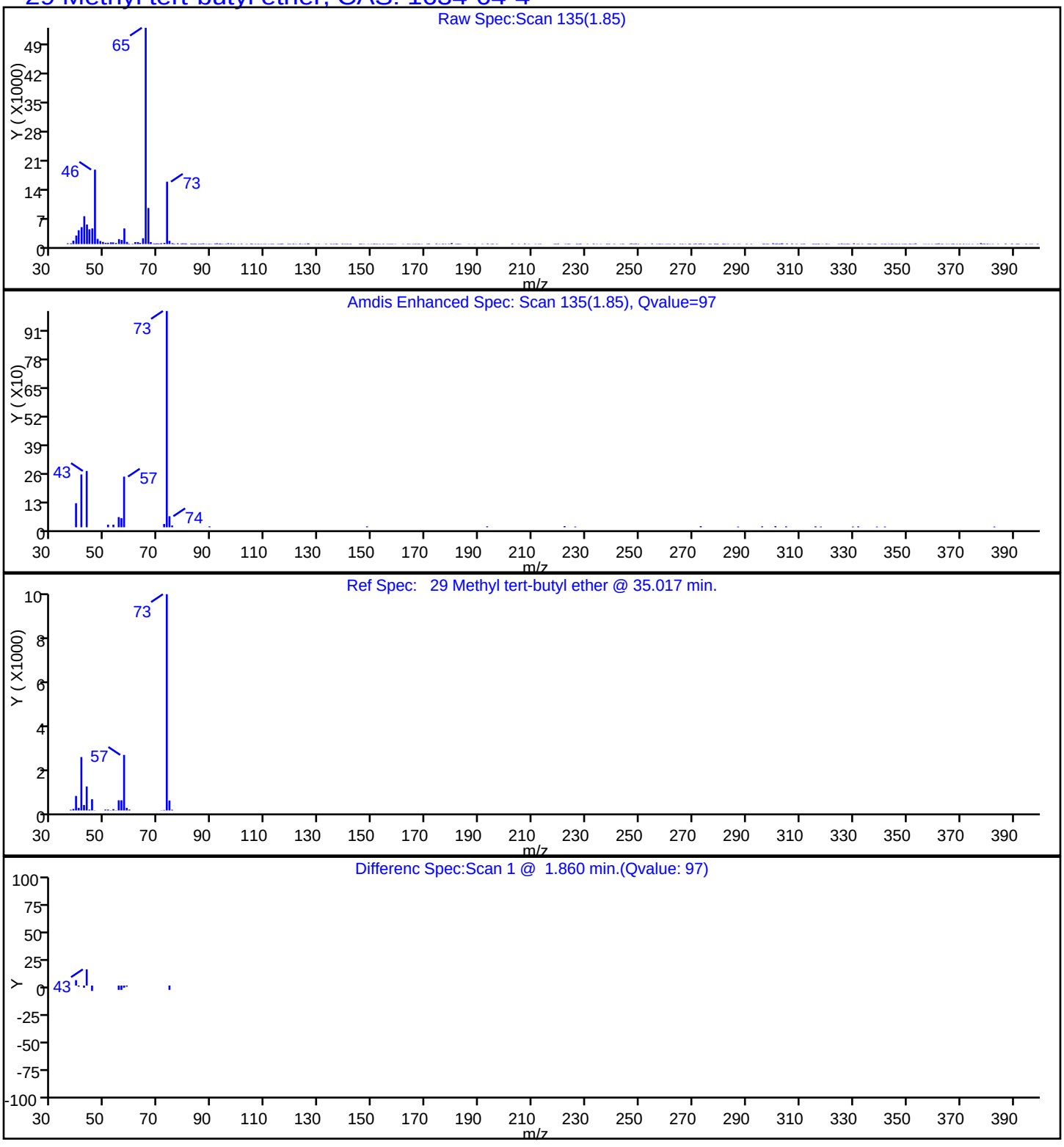
Injection Date:	04-Oct-2016 20:38:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121167-C-5	Lab Sample ID:	460-121167-5		
Client ID:	MW-8D				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	32
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

43 Chloroform, CAS: 67-66-3



Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161004-46395.b\E60637.D				
Injection Date:	04-Oct-2016 20:38:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121167-C-5	Lab Sample ID:	460-121167-5		
Client ID:	MW-8D				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	32
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

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



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-3 | Lab Sample ID: 460-121167-6

Matrix: Water | Lab File ID: E60584.D

Analysis Method: 624 | Date Collected: 09/29/2016 12:50

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 21:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394593 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U F2	1.0	0.060
74-83-9	Bromomethane	0.18	U F2	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U F2	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U * F1	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U F2	1.0	0.34
67-66-3	Chloroform	0.22	U	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	0.27	U	1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	0.35	U	1.0	0.35
95-50-1	1,2-Dichlorobenzene	0.22	U	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.33	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U F2	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U F2	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-3 | Lab Sample ID: 460-121167-6

Matrix: Water | Lab File ID: E60584.D

Analysis Method: 624 | Date Collected: 09/29/2016 12:50

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 21:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394593 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
75-27-4	Bromodichloromethane	0.15	U F2	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U F1 F2	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	0.18	U F2	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U F2	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U F2	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		48-130
2037-26-5	Toluene-d8 (Surr)	103		80-120
460-00-4	Bromofluorobenzene	87		71-131
1868-53-7	Dibromofluoromethane (Surr)	149	X	80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-3 | Lab Sample ID: 460-121167-6

Matrix: Water | Lab File ID: E60584.D

Analysis Method: 624 | Date Collected: 09/29/2016 12:50

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 21:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394593 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60584.D
Lims ID: 460-121167-B-6
Client ID: MW-3
Sample Type: Client
Inject. Date: 03-Oct-2016 21:30:30 ALS Bottle#: 24 Worklist Smp#: 33
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121167-B-6
Misc. Info.: 460-0046337-033
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 05-Oct-2016 21:49:31 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK020

First Level Reviewer: delpolitov Date: 05-Oct-2016 21:49:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	1.879	1.887	-0.008	94	413871	1000.0	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	93	188205	74.3	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	98	283370	250.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	91	158980	49.8	
* 63 Fluorobenzene	96	3.385	3.385	0.000	98	486914	50.0	
* 74 1,4-Dioxane-d8	96	4.224	4.249	-0.025	98	41195	1000.0	M
$ 80 Toluene-d8 (Surr)	98	4.866	4.858	0.008	98	564759	51.3	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	85	493427	50.0	
$ 105 4-Bromofluorobenzene	174	8.430	8.429	0.001	94	169042	43.6	
* 121 1,4-Dichlorobenzene-d4	152	10.174	10.166	0.008	94	293958	50.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00089 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00141 Amount Added: 1.00 Units: uL Run Reagent

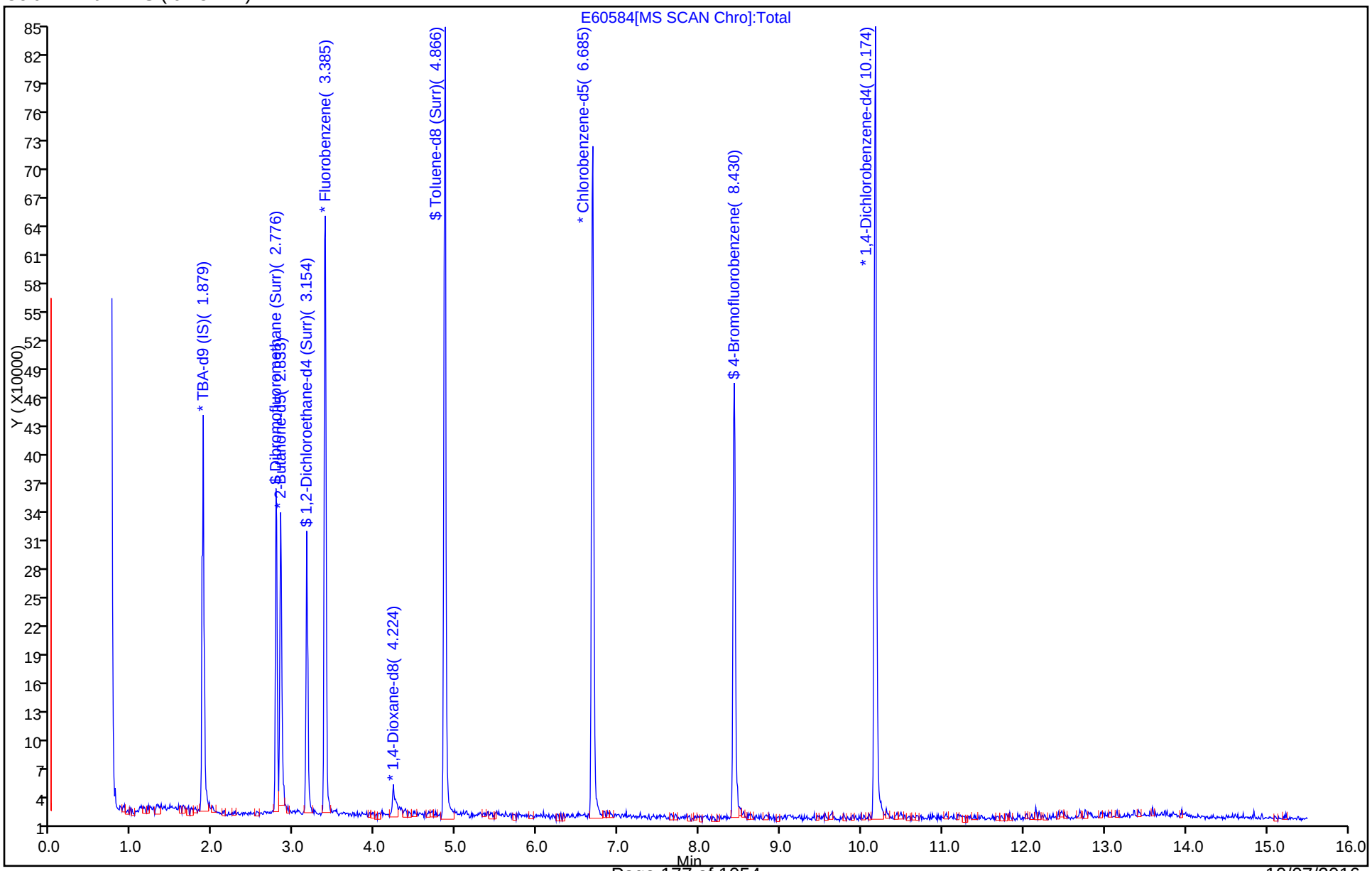
Report Date: 05-Oct-2016 21:49:36 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60584.D

Injection Date:	03-Oct-2016 21:30:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	460-121167-B-6	Lab Sample ID:	460-121167-6	Worklist Smp#:	33
Client ID:	MW-3				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8260W_5	Limit Group:	VOA 624 ICAL		

Column: Rtx-VMS (0.18 mm)



Manual Integration/User Assign Peak Report

TestAmerica Edison

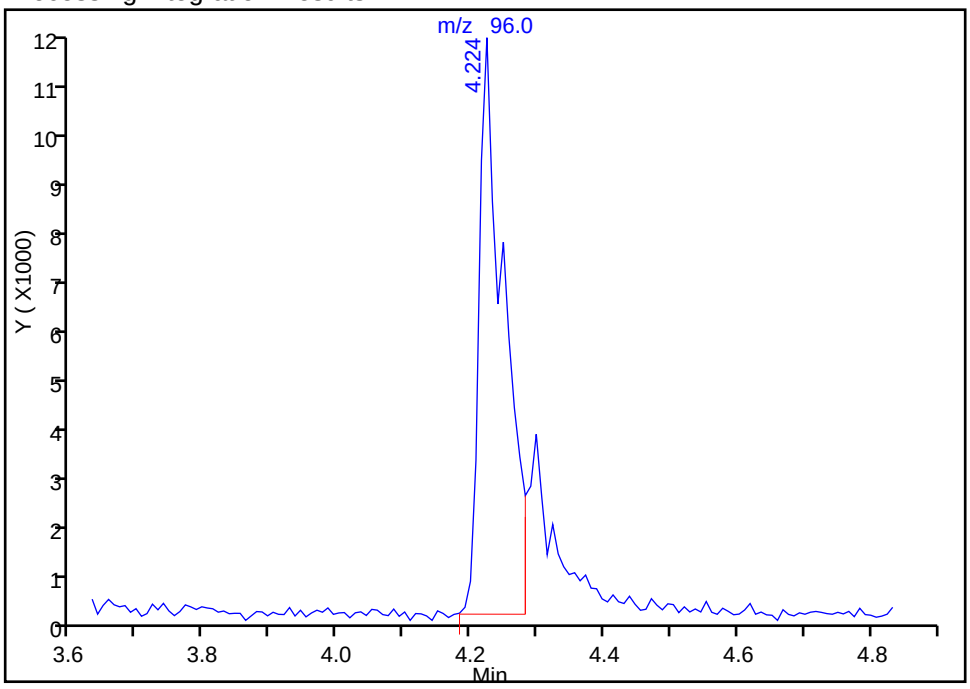
Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60584.D				
Injection Date:	03-Oct-2016 21:30:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121167-B-6	Lab Sample ID:	460-121167-6		
Client ID:	MW-3				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	33
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

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

Signal: 1

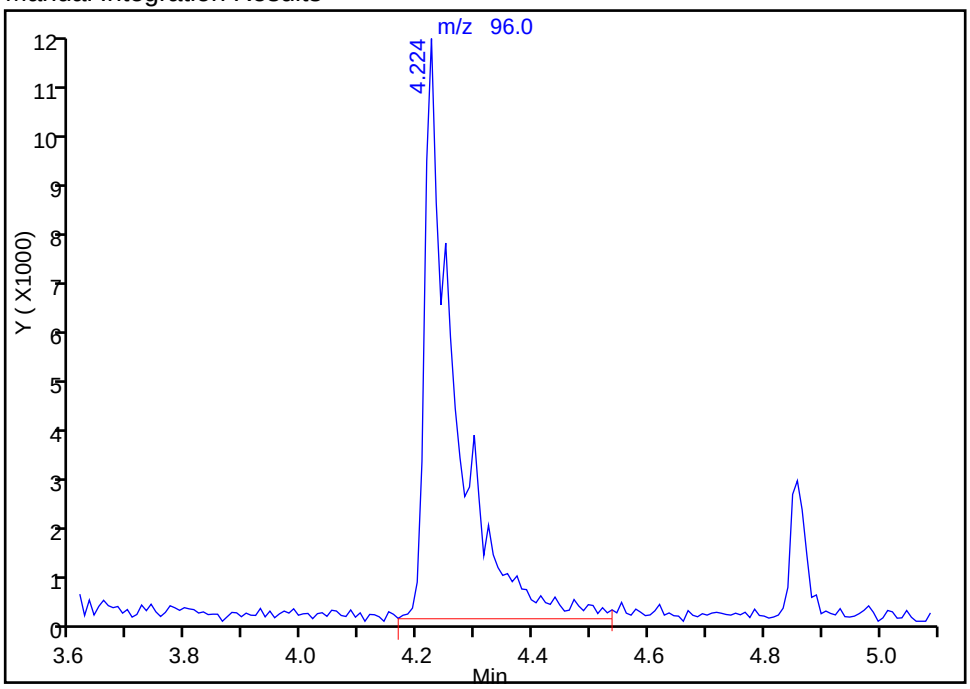
Processing Integration Results

RT: 4.22
Area: 29460
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.22
Area: 41195
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 05-Oct-2016 21:49:31

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-3 Filtered | Lab Sample ID: 460-121167-7

Matrix: Water | Lab File ID: E60586.D

Analysis Method: 624 | Date Collected: 09/29/2016 13:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 22:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394593 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	140		5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U *	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.22	U	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.11	J	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	0.27	U	1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	0.35	U	1.0	0.35
95-50-1	1,2-Dichlorobenzene	0.22	U	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.33	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	22		5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-3 Filtered | Lab Sample ID: 460-121167-7

Matrix: Water | Lab File ID: E60586.D

Analysis Method: 624 | Date Collected: 09/29/2016 13:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 22:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394593 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		48-130
2037-26-5	Toluene-d8 (Surr)	96		80-120
460-00-4	Bromofluorobenzene	84		71-131
1868-53-7	Dibromofluoromethane (Surr)	89		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-3 Filtered | Lab Sample ID: 460-121167-7

Matrix: Water | Lab File ID: E60586.D

Analysis Method: 624 | Date Collected: 09/29/2016 13:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 22:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394593 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60586.D
Lims ID: 460-121167-A-7
Client ID: MW-3 Filtered
Sample Type: Client
Inject. Date: 03-Oct-2016 22:22:30 ALS Bottle#: 26 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121167-A-7
Misc. Info.: 460-0046337-035
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 05-Oct-2016 21:51:00 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK020

First Level Reviewer: delpolitov Date: 05-Oct-2016 21:51:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
25 Acetone	58	1.731	1.739	-0.008	84	43480	136.5	
* 30 TBA-d9 (IS)	65	1.862	1.887	-0.025	98	348050	1000.0	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	96	146681	44.5	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	99	285641	250.0	
51 2-Butanone (MEK)	72	2.866	2.874	-0.008	95	9253	21.8	
55 Benzene	78	3.064	3.055	0.009	44	1410	0.1079	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	94	191429	46.1	
* 63 Fluorobenzene	96	3.385	3.385	0.000	99	633547	50.0	
* 74 1,4-Dioxane-d8	96	4.241	4.249	-0.008	93	29822	1000.0	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	98	523711	48.2	
* 94 Chlorobenzene-d5	117	6.677	6.685	-0.008	84	487151	50.0	
$ 105 4-Bromofluorobenzene	174	8.430	8.429	0.001	94	161117	42.1	
* 121 1,4-Dichlorobenzene-d4	152	10.174	10.166	0.008	95	278674	50.0	

Reagents:

8260ISNEW_00089 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00141 Amount Added: 1.00 Units: uL Run Reagent

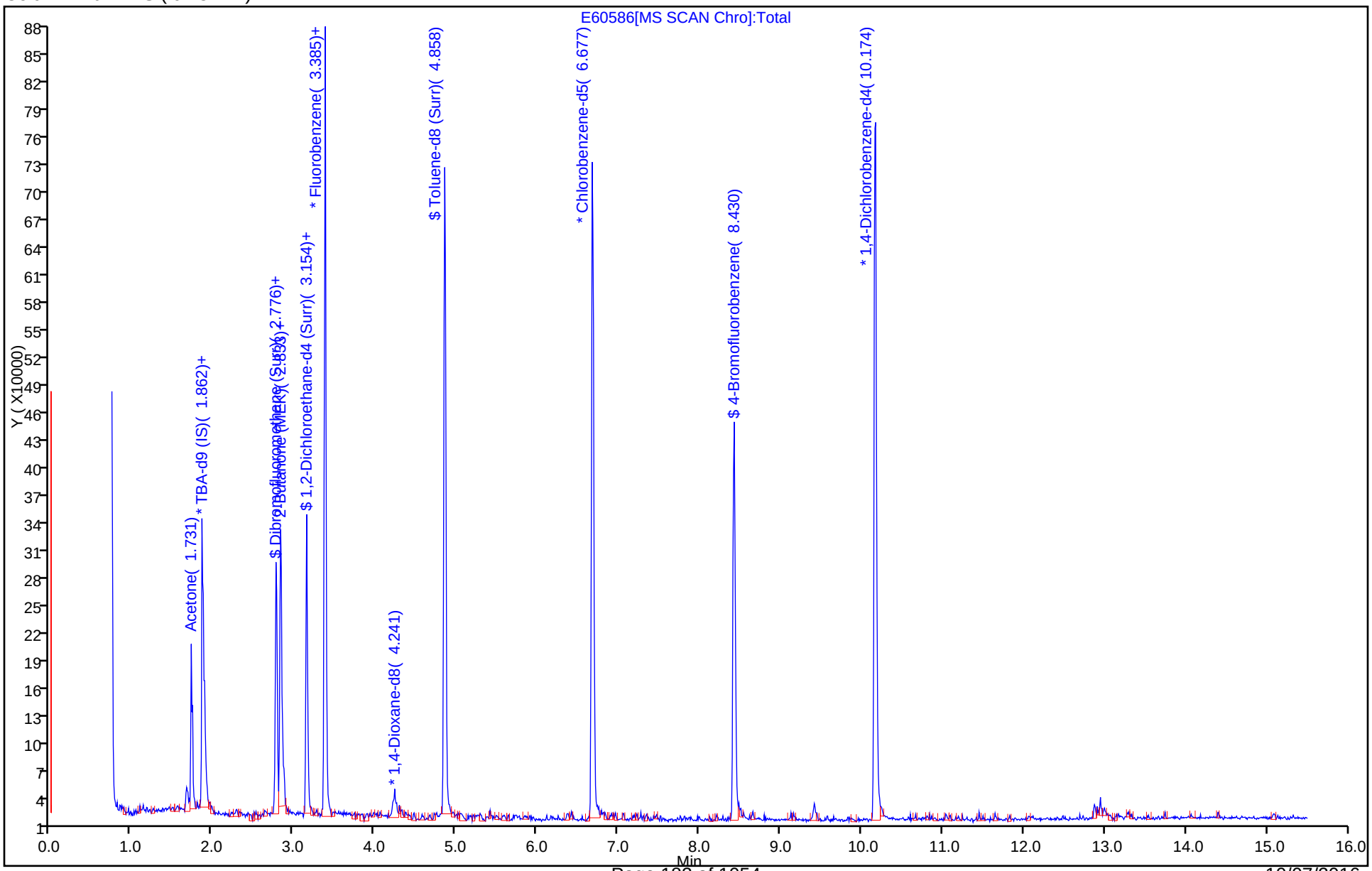
Report Date: 05-Oct-2016 21:51:03 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60586.D

Injection Date:	03-Oct-2016 22:22:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	460-121167-A-7	Lab Sample ID:	460-121167-7	Worklist Smp#:	35
Client ID:	MW-3 Filtered				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8260W_5	Limit Group:	VOA 624 ICAL		

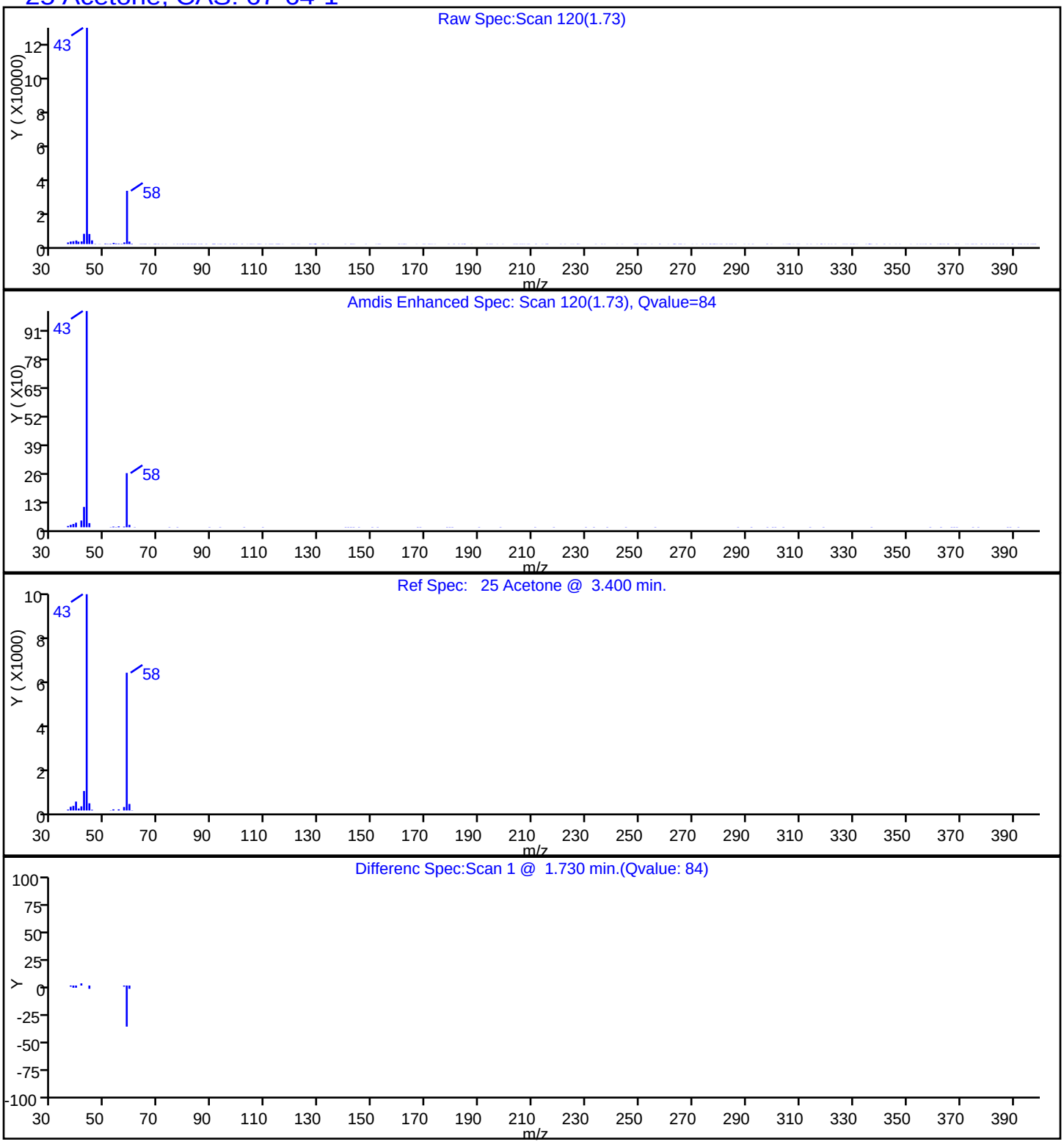
Column: Rtx-VMS (0.18 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60586.D				
Injection Date:	03-Oct-2016 22:22:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121167-A-7	Lab Sample ID:	460-121167-7		
Client ID:	MW-3 Filtered				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	35
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

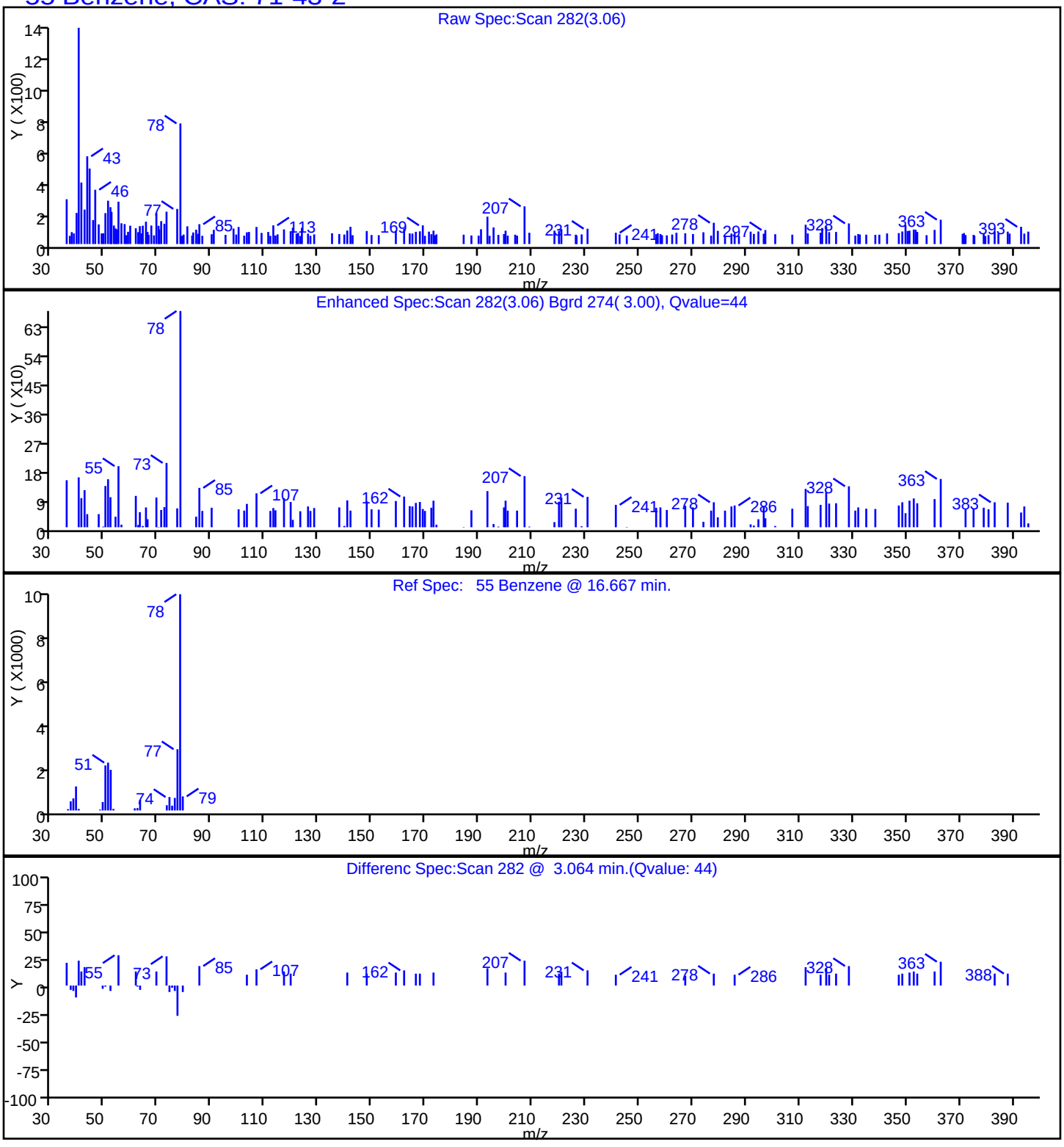
25 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60586.D				
Injection Date:	03-Oct-2016 22:22:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121167-A-7	Lab Sample ID:	460-121167-7		
Client ID:	MW-3 Filtered				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	35
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

55 Benzene, CAS: 71-43-2



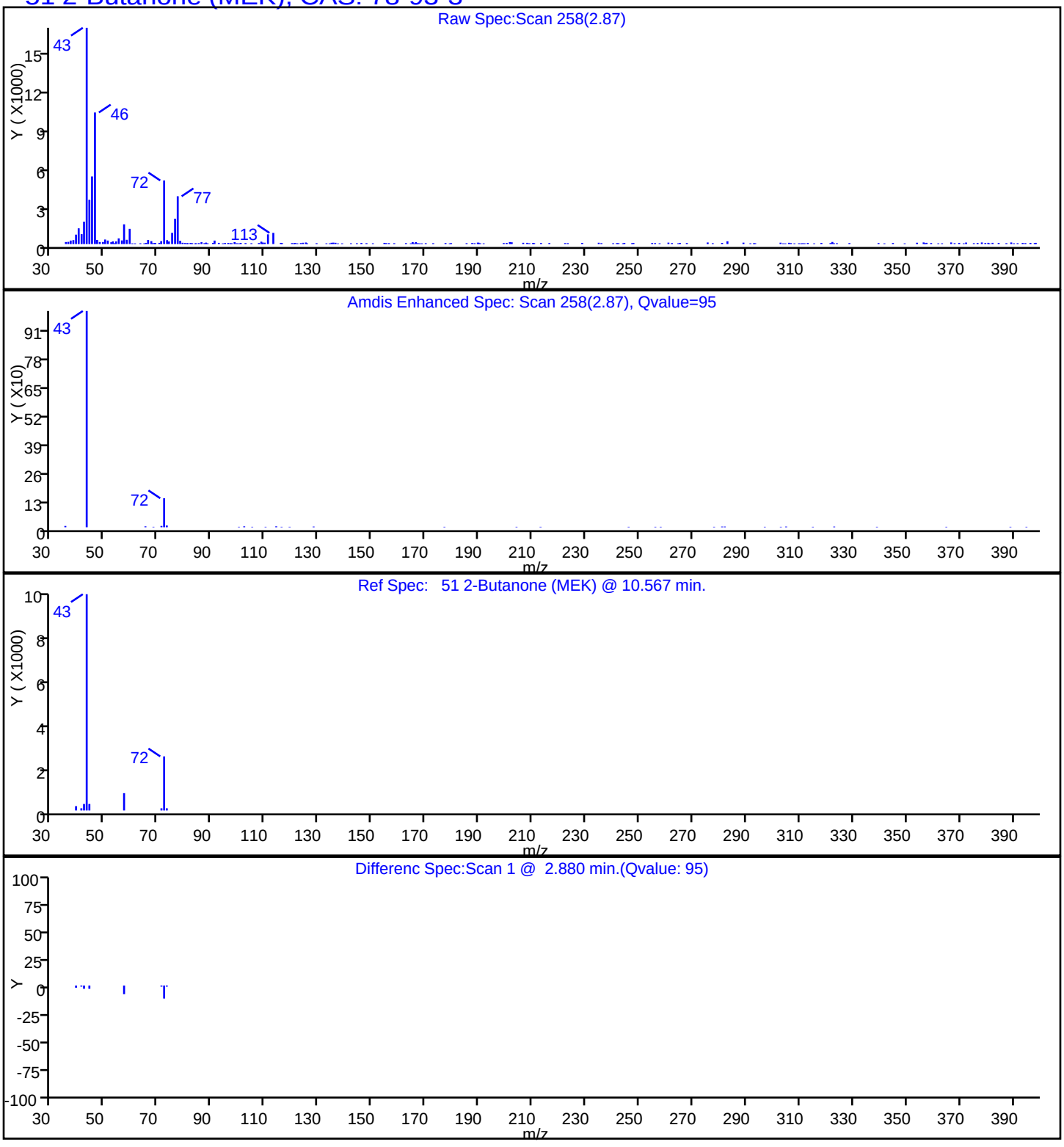
Report Date: 05-Oct-2016 21:51:03 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60586.D

Injection Date:	03-Oct-2016 22:22:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121167-A-7	Lab Sample ID:	460-121167-7		
Client ID:	MW-3 Filtered				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	35
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

51 2-Butanone (MEK), CAS: 78-93-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-6 | Lab Sample ID: 460-121167-8

Matrix: Water | Lab File ID: A27661.D

Analysis Method: 624 | Date Collected: 09/29/2016 14:35

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 02:01

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.22	U	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	0.27	U	1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	0.35	U	1.0	0.35
95-50-1	1,2-Dichlorobenzene	0.22	U	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.33	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-6 | Lab Sample ID: 460-121167-8

Matrix: Water | Lab File ID: A27661.D

Analysis Method: 624 | Date Collected: 09/29/2016 14:35

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 02:01

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		48-130
2037-26-5	Toluene-d8 (Surr)	103		80-120
460-00-4	Bromofluorobenzene	91		71-131
1868-53-7	Dibromofluoromethane (Surr)	101		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-6 | Lab Sample ID: 460-121167-8

Matrix: Water | Lab File ID: A27661.D

Analysis Method: 624 | Date Collected: 09/29/2016 14:35

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 02:01

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.: 394312 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27661.D
Lims ID: 460-121167-A-8
Client ID: MW-6
Sample Type: Client
Inject. Date: 03-Oct-2016 02:01:30 ALS Bottle#: 48 Worklist Smp#: 55
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121167-A-8
Misc. Info.: 460-0046300-055
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 03-Oct-2016 07:14:44 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: moroneyc Date: 03-Oct-2016 07:13:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.456	3.450	0.006	100	246572	1000.0	
* 39 2-Butanone-d5	46	4.431	4.425	0.006	99	297441	250.0	
$ 53 Dibromofluoromethane (Surr	113	4.822	4.815	0.007	95	117262	50.6	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.096	0.006	99	155464	55.4	
* 64 Fluorobenzene	96	5.309	5.303	0.006	97	437875	50.0	
* 70 1,4-Dioxane-d8	96	5.858	5.846	0.012	95	19595	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.663	6.662	0.001	98	391309	51.6	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	92	265587	50.0	
$ 103 4-Bromofluorobenzene	174	8.522	8.528	-0.006	79	96790	45.6	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	97	147111	50.0	

Reagents:

8260ISNEW_00085 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00140 Amount Added: 1.00 Units: uL Run Reagent

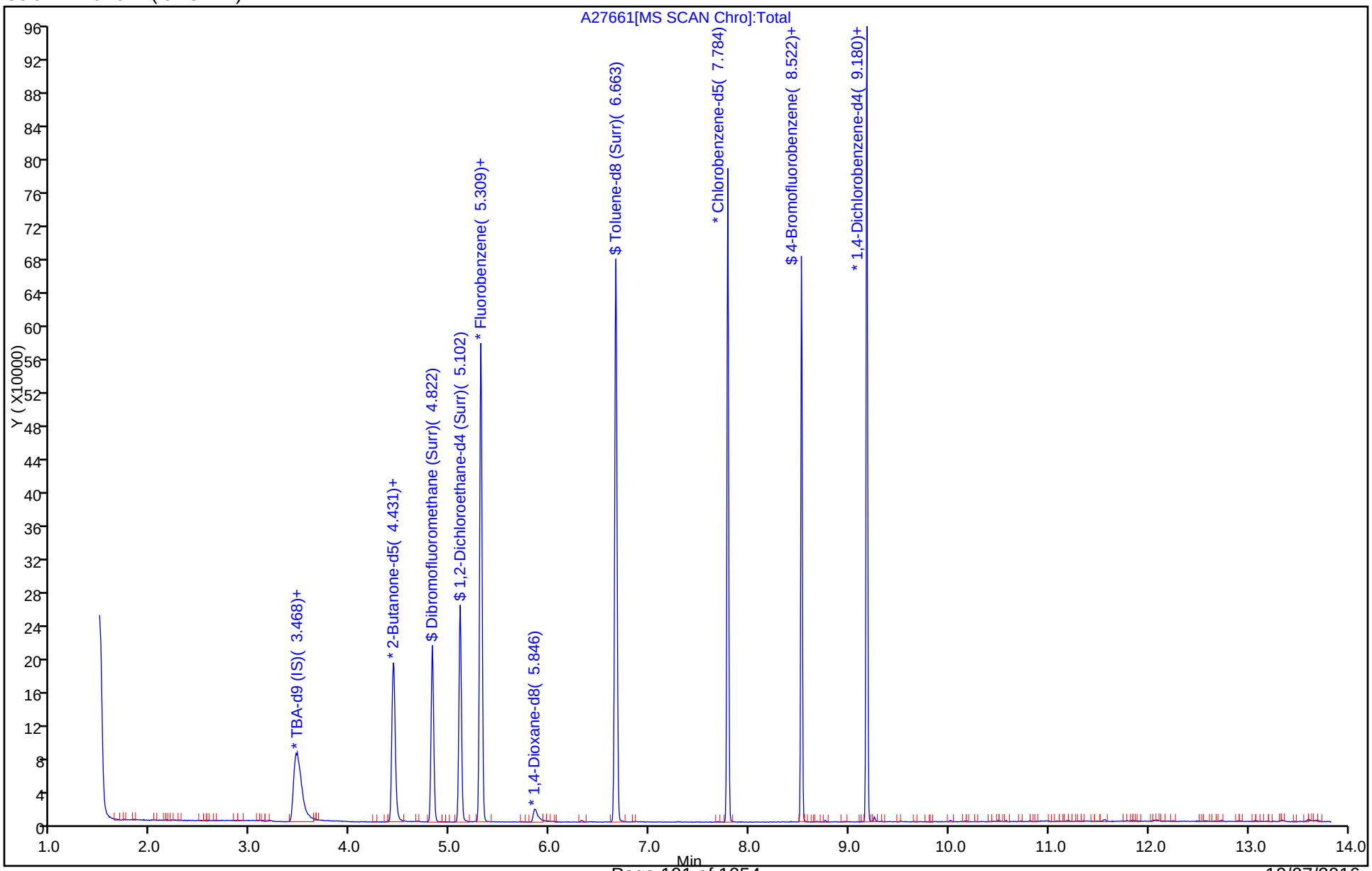
Report Date: 03-Oct-2016 07:17:07 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27661.D

Injection Date:	03-Oct-2016 02:01:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-121167-A-8	Lab Sample ID:	460-121167-8	Worklist Smp#:	55
Client ID:	MW-6				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	48
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-6 Filtered | Lab Sample ID: 460-121167-9

Matrix: Water | Lab File ID: E60587.D

Analysis Method: 624 | Date Collected: 09/29/2016 14:45

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 22:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394593 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	8.0		5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U *	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.22	U	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	0.27	U	1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	0.35	U	1.0	0.35
95-50-1	1,2-Dichlorobenzene	0.22	U	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.33	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	4.6	J	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-6 Filtered | Lab Sample ID: 460-121167-9

Matrix: Water | Lab File ID: E60587.D

Analysis Method: 624 | Date Collected: 09/29/2016 14:45

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 22:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394593 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		48-130
2037-26-5	Toluene-d8 (Surr)	96		80-120
460-00-4	Bromofluorobenzene	88		71-131
1868-53-7	Dibromofluoromethane (Surr)	132	X	80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-6 Filtered | Lab Sample ID: 460-121167-9

Matrix: Water | Lab File ID: E60587.D

Analysis Method: 624 | Date Collected: 09/29/2016 14:45

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 22:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394593 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60587.D
Lims ID: 460-121167-A-9
Client ID: MW-6 Filtered
Sample Type: Client
Inject. Date: 03-Oct-2016 22:47:30 ALS Bottle#: 27 Worklist Smp#: 36
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121167-A-9
Misc. Info.: 460-0046337-036
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 05-Oct-2016 21:51:50 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK020

First Level Reviewer: delpolitov Date: 05-Oct-2016 21:51:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
25 Acetone	58	1.739	1.739	0.000	84	2690	8.01	
* 30 TBA-d9 (IS)	65	1.871	1.887	-0.016	96	346144	1000.0	
$ 48 Dibromofluoromethane (Surr	113	2.784	2.776	0.008	95	173059	66.1	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	98	301183	250.0	
51 2-Butanone (MEK)	72	2.858	2.874	-0.016	92	2061	4.61	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	96	194065	58.9	
* 63 Fluorobenzene	96	3.385	3.385	0.000	99	503232	50.0	
* 74 1,4-Dioxane-d8	96	4.249	4.249	0.000	95	38678	1000.0	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	99	508665	48.2	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	85	472841	50.0	
$ 105 4-Bromofluorobenzene	174	8.430	8.429	0.001	94	164244	44.2	
* 121 1,4-Dichlorobenzene-d4	152	10.174	10.166	0.008	95	270821	50.0	

Reagents:

8260ISNEW_00089 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00141 Amount Added: 1.00 Units: uL Run Reagent

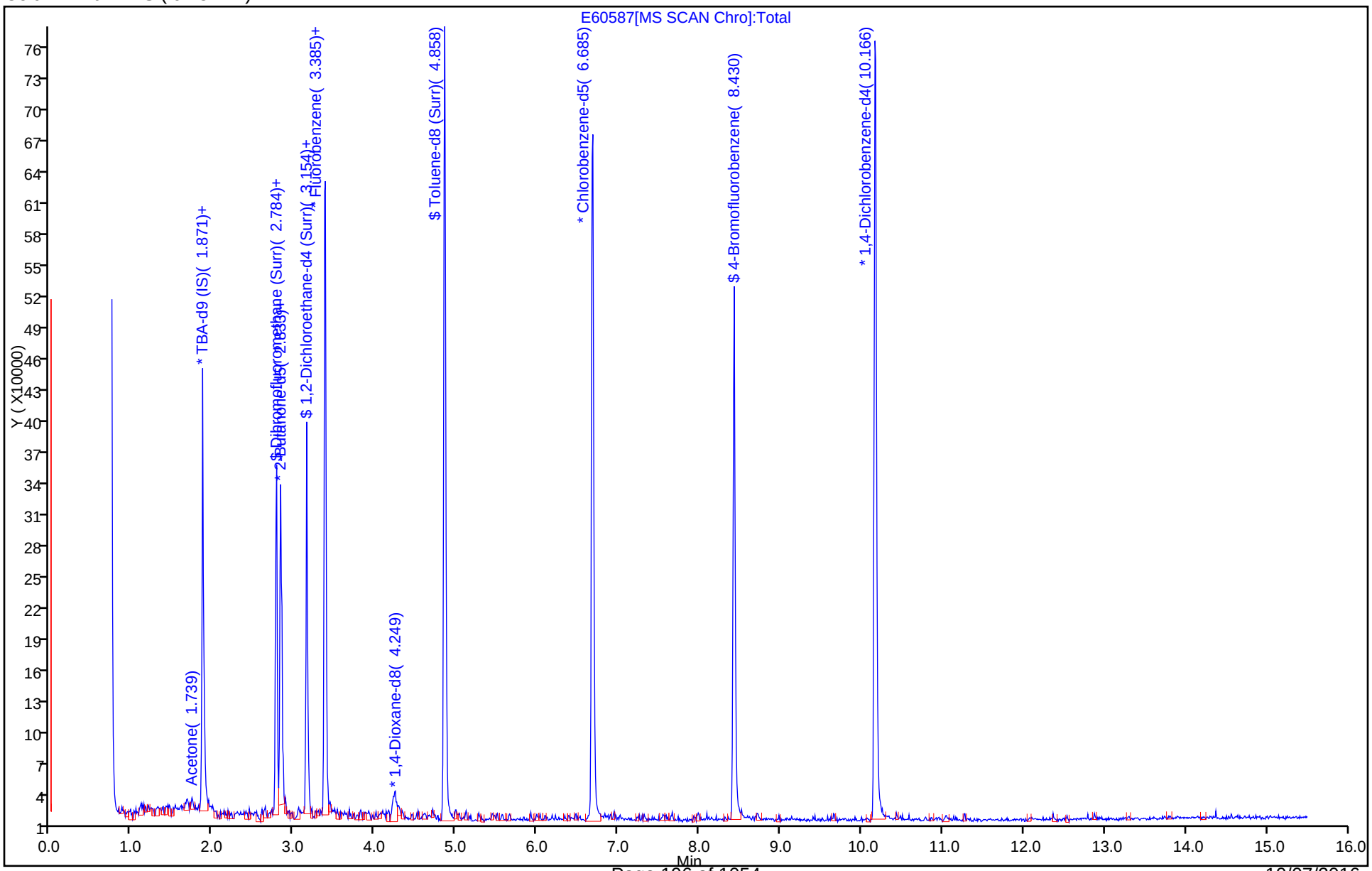
Report Date: 05-Oct-2016 21:51:51 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60587.D

Injection Date:	03-Oct-2016 22:47:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	460-121167-A-9	Lab Sample ID:	460-121167-9	Worklist Smp#:	36
Client ID:	MW-6 Filtered				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8260W_5	Limit Group:	VOA 624 ICAL		

Column: Rtx-VMS (0.18 mm)

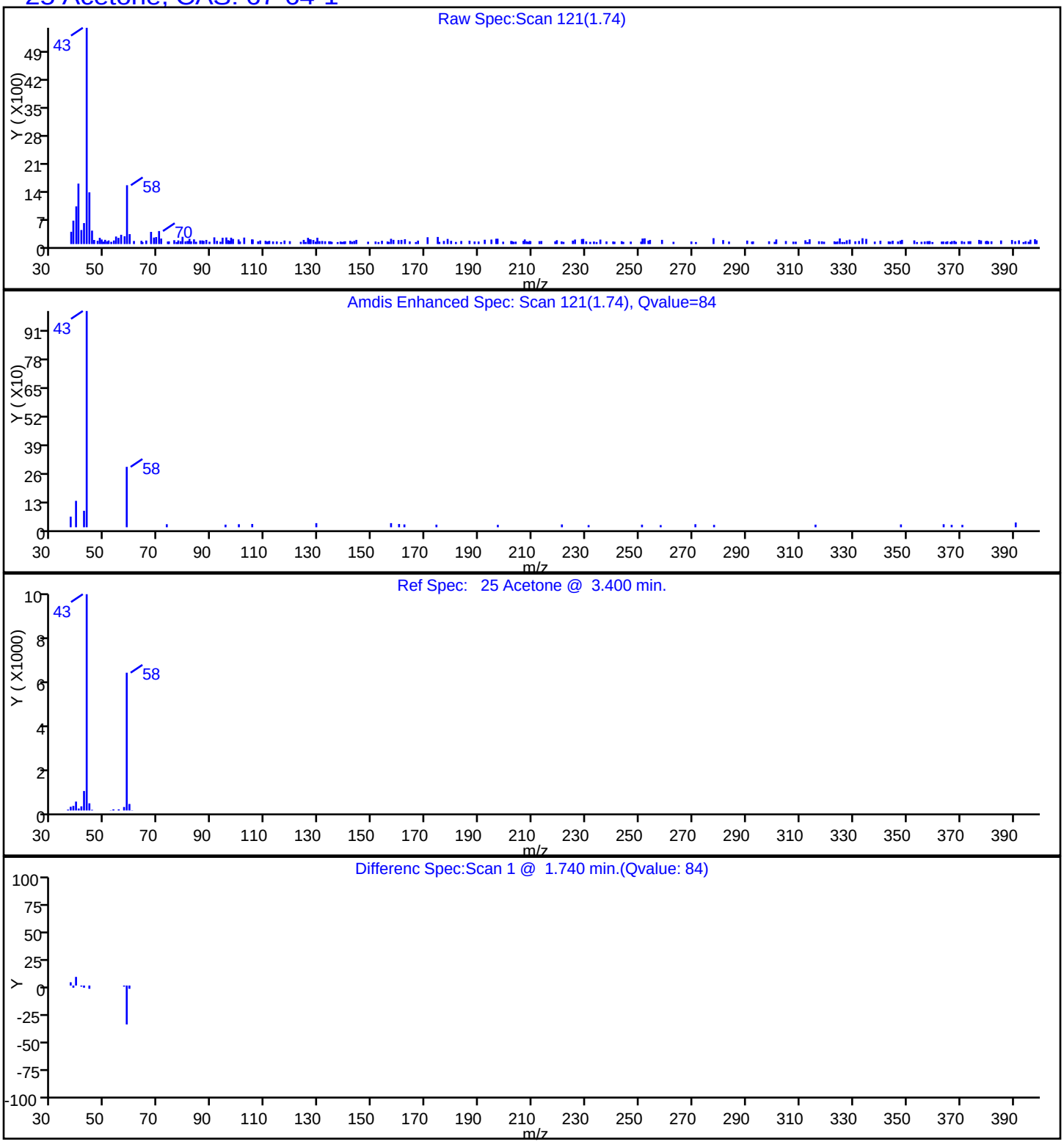


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60587.D

Injection Date:	03-Oct-2016 22:47:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121167-A-9	Lab Sample ID:	460-121167-9		
Client ID:	MW-6 Filtered				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	36
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

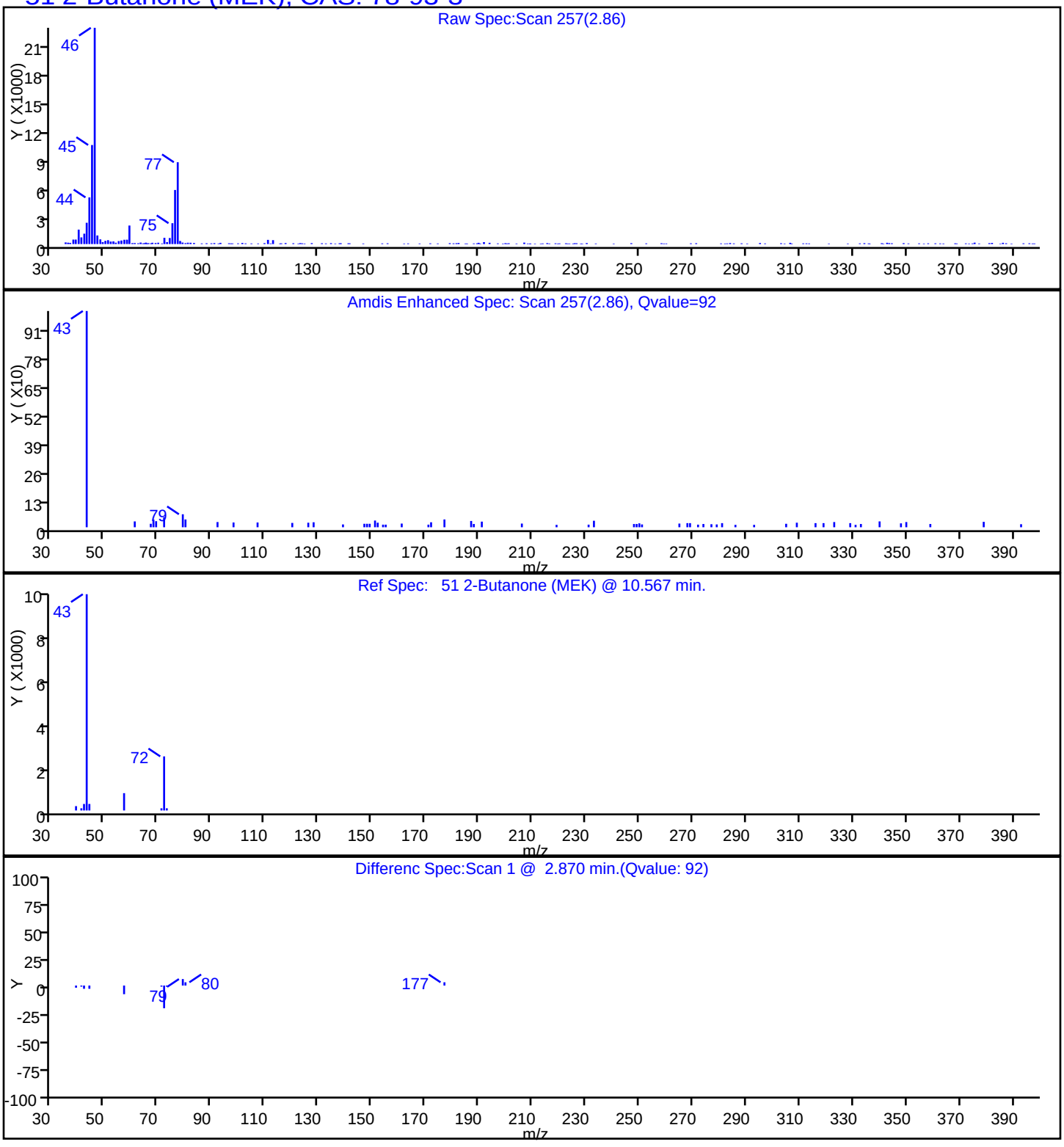
25 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60587.D				
Injection Date:	03-Oct-2016 22:47:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121167-A-9	Lab Sample ID:	460-121167-9		
Client ID:	MW-6 Filtered				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	36
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

51 2-Butanone (MEK), CAS: 78-93-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-8 | Lab Sample ID: 460-121167-10

Matrix: Water | Lab File ID: E60588.D

Analysis Method: 624 | Date Collected: 09/29/2016 14:50

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 23:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394593 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	8.6		5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U *	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.77	J	1.0	0.22
108-88-3	Toluene	0.86	J	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.50	J	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	4.0		1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	1.5		1.0	0.35
95-50-1	1,2-Dichlorobenzene	0.36	J	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.33	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	0.70	J	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	5.4		5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.48	J	1.0	0.12
98-82-8	Isopropylbenzene	1.0		1.0	0.32
100-41-4	Ethylbenzene	0.86	J	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-8 | Lab Sample ID: 460-121167-10

Matrix: Water | Lab File ID: E60588.D

Analysis Method: 624 | Date Collected: 09/29/2016 14:50

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 23:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394593 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.28	J	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	4.3		2.0	0.28
79-01-6	Trichloroethene	0.30	J	1.0	0.22
108-87-2	Methylcyclohexane	0.41	J	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		48-130
2037-26-5	Toluene-d8 (Surr)	96		80-120
460-00-4	Bromofluorobenzene	90		71-131
1868-53-7	Dibromofluoromethane (Surr)	89		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-8 | Lab Sample ID: 460-121167-10

Matrix: Water | Lab File ID: E60588.D

Analysis Method: 624 | Date Collected: 09/29/2016 14:50

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 23:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394593 | Units: ug/L

Number TICs Found: 10 | TIC Result Total: 139.7

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
611-14-3	Benzene, 1-ethyl-2-methyl-	9.32	16	J N	90%
496-11-7	Indane	10.47	11	J N	87%
488-23-3	Benzene, 1,2,3,4-tetramethyl-	11.83	15	J N	97%
934-10-1	3-Phenylbut-1-ene	12.15	16	J N	90%
95-93-2	Benzene, 1,2,4,5-tetramethyl-	12.19	25	J N	96%
119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	12.26	9.9	J N	96%
769-57-3	.alpha.,.beta.,.beta.-Trimethylstyrene	12.96	8.8	J N	95%
	Unknown Aromatic	13.07	11	J	
91-57-6	Naphthalene, 2-methyl-	13.35	10	J N	93%
90-12-0	Naphthalene, 1-methyl-	13.43	17	J N	96%

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D
Lims ID: 460-121167-A-10
Client ID: MW-8
Sample Type: Client
Inject. Date: 03-Oct-2016 23:13:30 ALS Bottle#: 28 Worklist Smp#: 37
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121167-A-10
Misc. Info.: 460-0046337-037
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 05-Oct-2016 21:54:28 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK020

First Level Reviewer: delpolitov Date: 05-Oct-2016 21:54:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
25 Acetone	58	1.739	1.739	0.000	83	2835	8.57	
* 30 TBA-d9 (IS)	65	1.879	1.887	-0.008	98	382266	1000.0	
39 cis-1,2-Dichloroethene	96	2.479	2.471	0.008	55	1007	0.2812	
43 Chloroform	83	2.652	2.652	0.000	93	4654	0.7707	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	95	130542	44.3	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	99	296863	250.0	
51 2-Butanone (MEK)	72	2.875	2.874	0.001	91	2389	5.43	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.146	3.154	-0.008	92	162815	43.8	
* 63 Fluorobenzene	96	3.377	3.385	-0.008	99	566830	50.0	
66 Methylcyclohexane	83	3.508	3.508	0.000	65	1773	0.4050	
67 Trichloroethene	95	3.525	3.525	0.000	49	1059	0.2957	
* 74 1,4-Dioxane-d8	96	4.249	4.249	0.000	93	39670	1000.0	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	98	504925	47.9	
81 Toluene	91	4.915	4.907	0.008	89	11758	0.8562	
84 Tetrachloroethene	166	5.335	5.327	0.008	74	1553	0.4790	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	85	472346	50.0	
95 Chlorobenzene	112	6.701	6.701	0.000	76	4508	0.5010	
96 Ethylbenzene	106	6.792	6.792	0.000	99	4113	0.8597	
98 m-Xylene & p-Xylene	106	7.014	7.006	0.008	96	6671	1.15	
99 o-Xylene	106	7.582	7.582	0.000	92	17990	3.10	
103 Isopropylbenzene	105	8.067	8.067	0.000	96	15037	1.04	
$ 105 4-Bromofluorobenzene	174	8.430	8.429	0.001	94	167261	45.1	
* 121 1,4-Dichlorobenzene-d4	152	10.166	10.166	0.000	95	280293	50.0	
122 1,4-Dichlorobenzene	146	10.191	10.199	-0.008	54	5378	0.7048	
127 1,2-Dichlorobenzene	146	10.866	10.849	0.017	71	2636	0.3609	M
131 1,2,4-Trichlorobenzene	180	12.470	12.470	0.000	94	22420	4.04	
134 1,2,3-Trichlorobenzene	180	12.816	12.816	0.000	88	7555	1.46	
S 137 Xylenes, Total	100				0		4.25	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D
Lims ID: 460-121167-A-10
Client ID: MW-8
Sample Type: Client
Inject. Date: 03-Oct-2016 23:13:30 ALS Bottle#: 28 Worklist Smp#: 37
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121167-A-10
Misc. Info.: 460-0046337-037
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 05-Oct-2016 21:54:28 Calib Date: 01-Oct-2016 22:47:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 50

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK020

First Level Reviewer: delpolitov Date: 05-Oct-2016 21:54:28

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	611-14-3	Benzene, 1-ethyl-2-methyl-						
9.318	449437	16.3	94	90	9127	C9H12	120	I
	496-11-7	Indane						
10.471	300649	10.9	94	87	8673	C9H10	118	
	488-23-3	Benzene, 1,2,3,4-tetramethyl-						
11.828	406866	14.8	94	97	14358	C10H14	134	
	934-10-1	3-Phenylbut-1-ene						
12.149	439694	16.0	94	90	13568	C10H12	132	
	95-93-2	Benzene, 1,2,4,5-tetramethyl-						
12.191	679683	24.7	94	96	14361	C10H14	134	I
	119-64-2	Naphthalene, 1,2,3,4-tetrahydro-						
12.256	273717	9.94	94	96	13613	C10H12	132	
	769-57-3	.alpha.,.beta.,.beta.-Trimethylstyrene						
12.956	242252	8.80	94	95	20750	C11H14	146	
		Unknown Aromatic						
13.071	301972	11.0	94	0	0		0	
	91-57-6	Naphthalene, 2-methyl-						
13.351	288823	10.5	94	93	18501	C11H10	142	I
	90-12-0	Naphthalene, 1-methyl-						
13.425	480484	17.5	94	96	18499	C11H10	142	I

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 94 Chlorobenzene-d5	6.685	1376676	50.0

QC Flag Legend

Processing Flags

Review Flags

I - User Selected Library Match

Reagents:

8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent

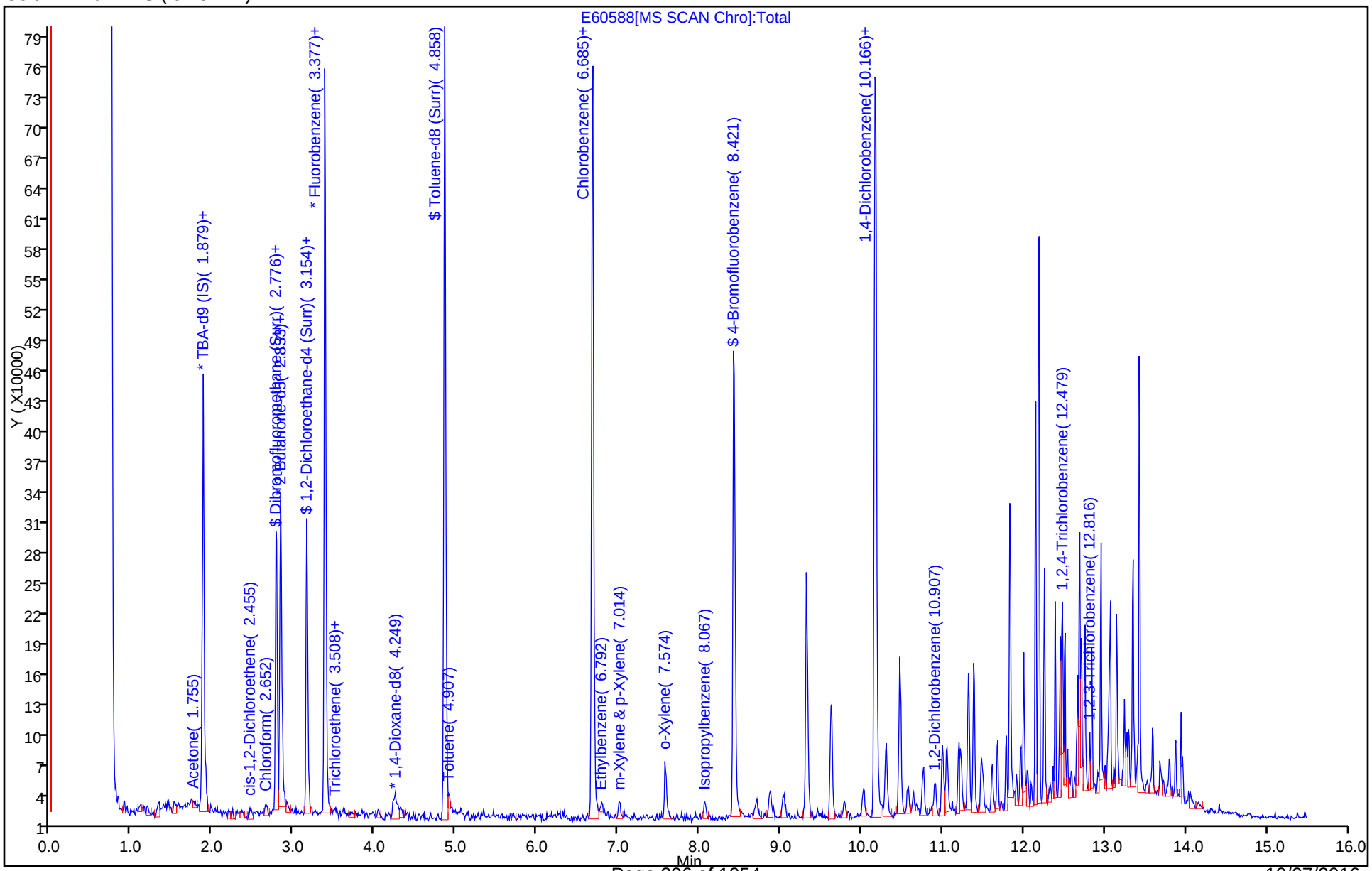
Report Date: 05-Oct-2016 21:54:29 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D

Injection Date:	03-Oct-2016 23:13:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	460-121167-A-10	Lab Sample ID:	460-121167-10	Worklist Smp#:	37
Client ID:	MW-8				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8260W_5	Limit Group:	VOA 624 ICAL		

Column: Rtx-VMS (0.18 mm)



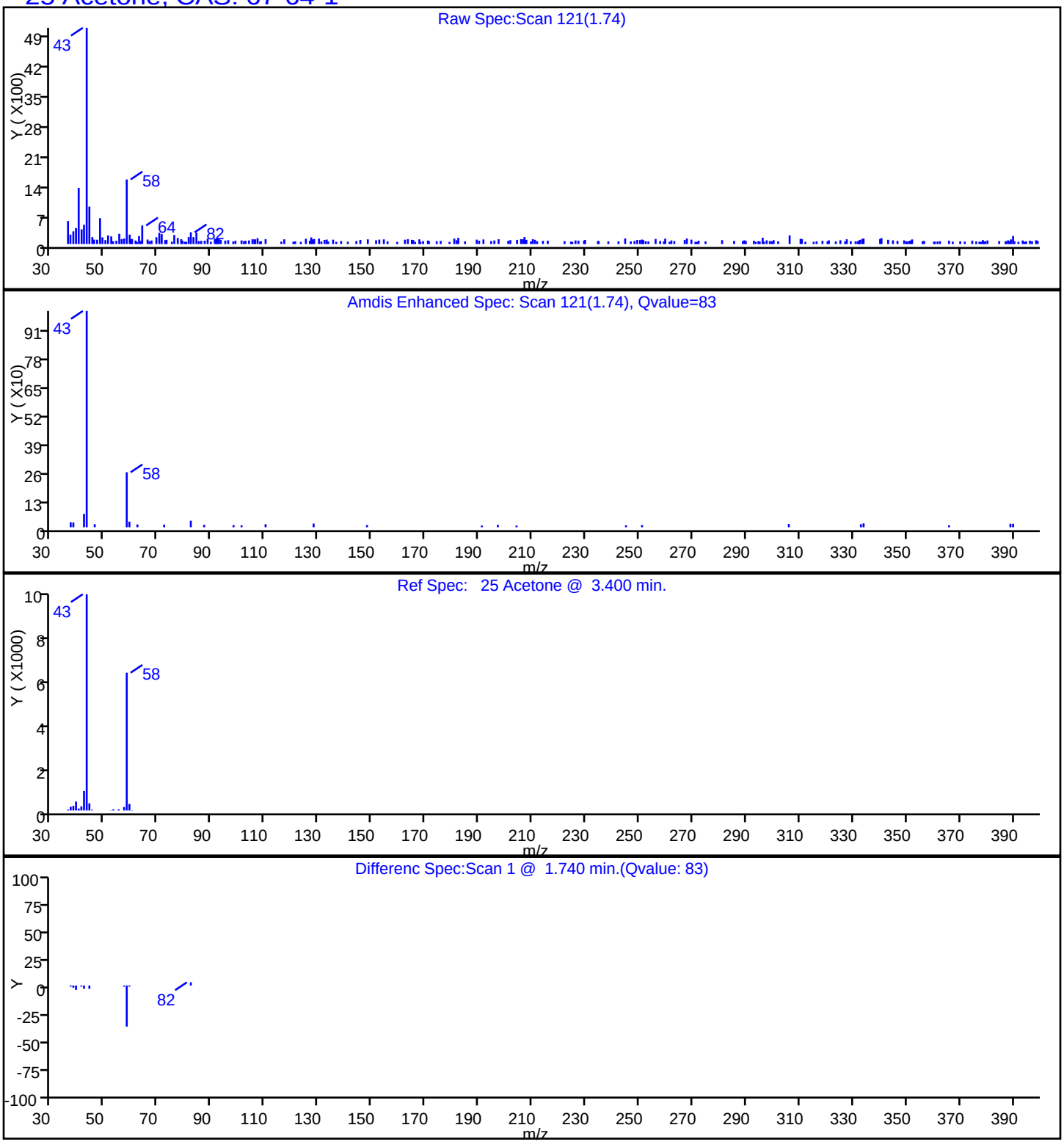
Report Date: 05-Oct-2016 21:54:29 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D

Injection Date:	03-Oct-2016 23:13:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121167-A-10	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

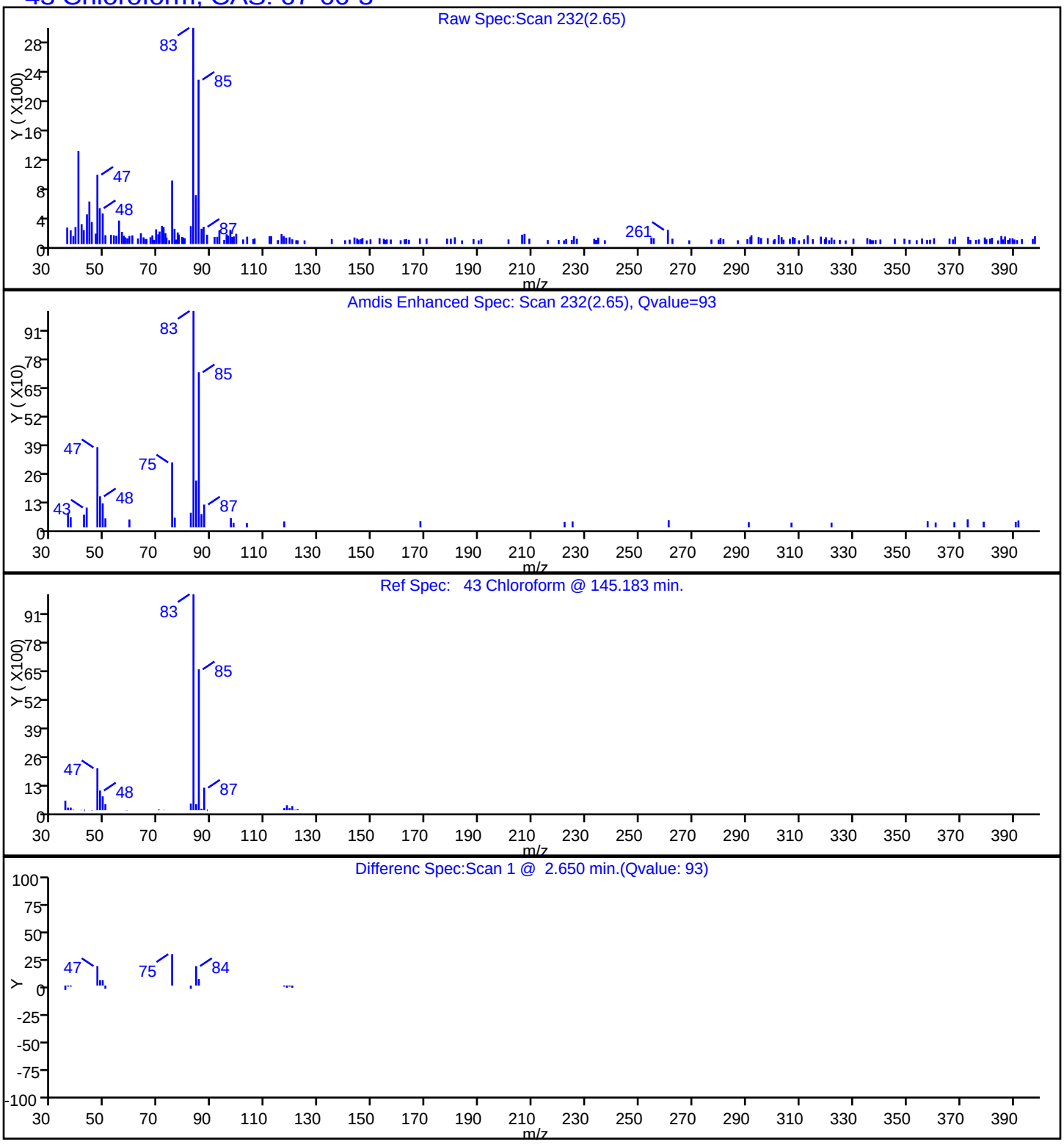
25 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D				
Injection Date:	03-Oct-2016 23:13:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121167-A-10	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

43 Chloroform, CAS: 67-66-3



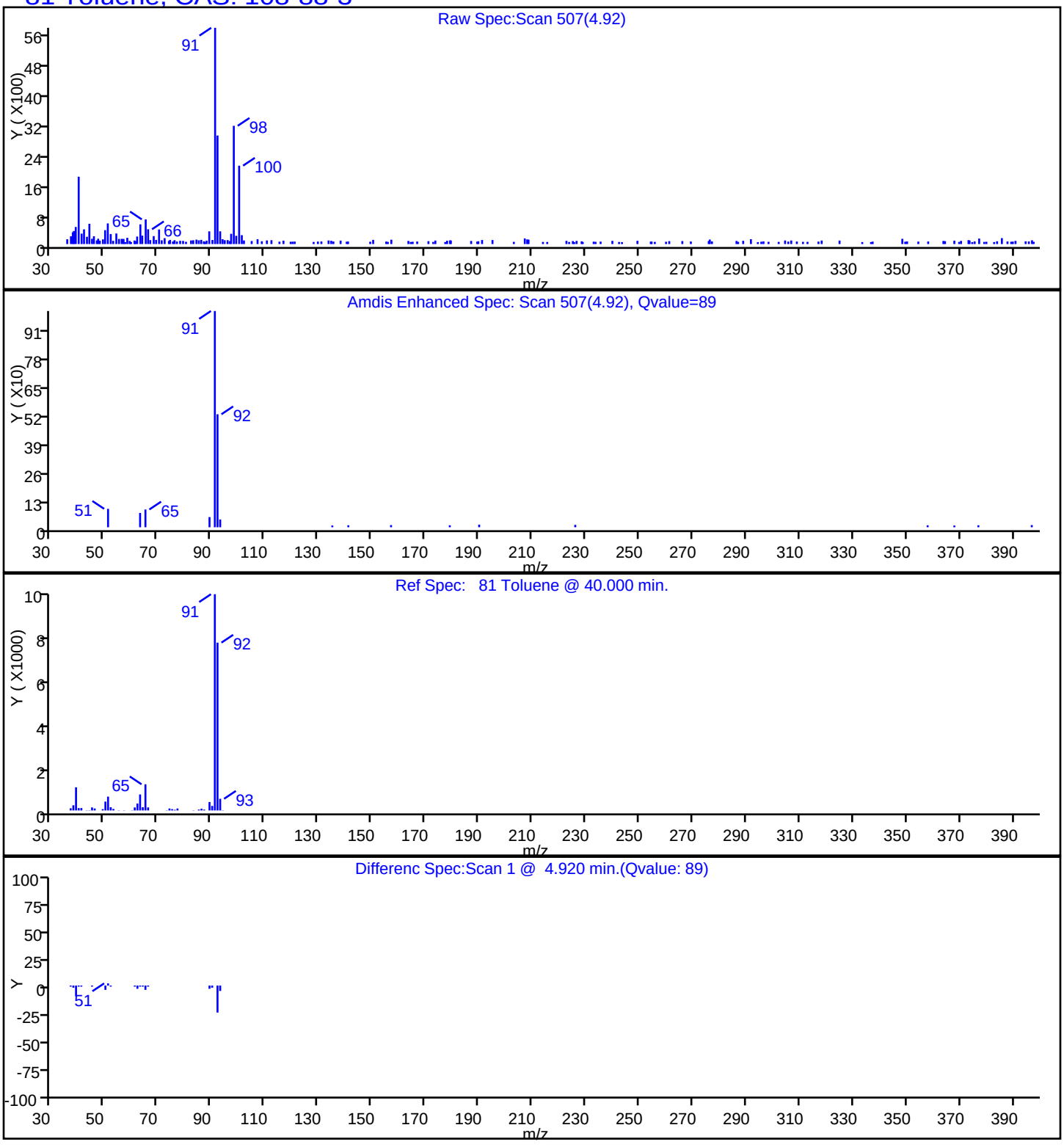
Report Date: 05-Oct-2016 21:54:30 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D

Injection Date:	03-Oct-2016 23:13:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121167-A-10	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

81 Toluene, CAS: 108-88-3

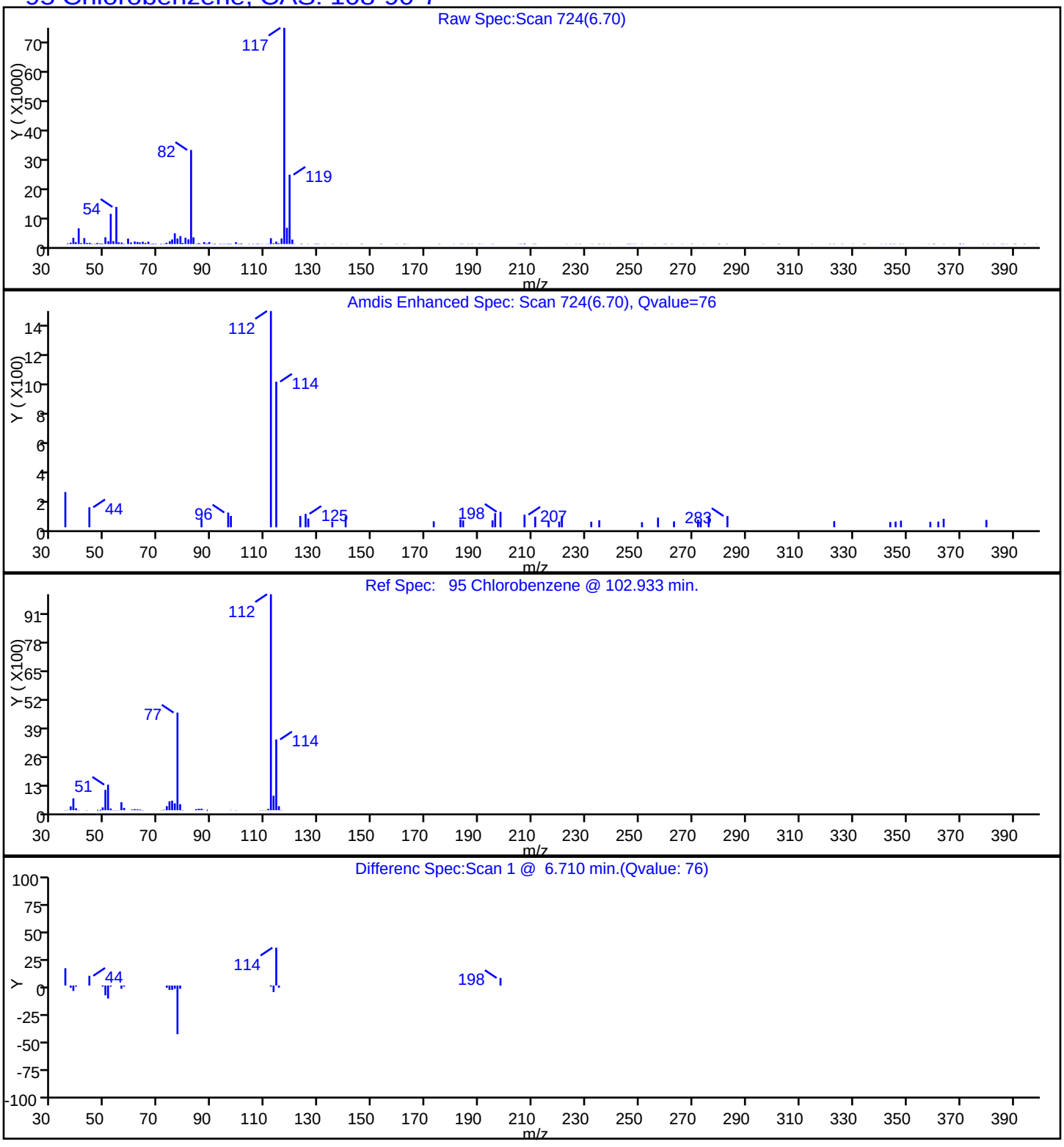


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D

Injection Date:	03-Oct-2016 23:13:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121167-A-10	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

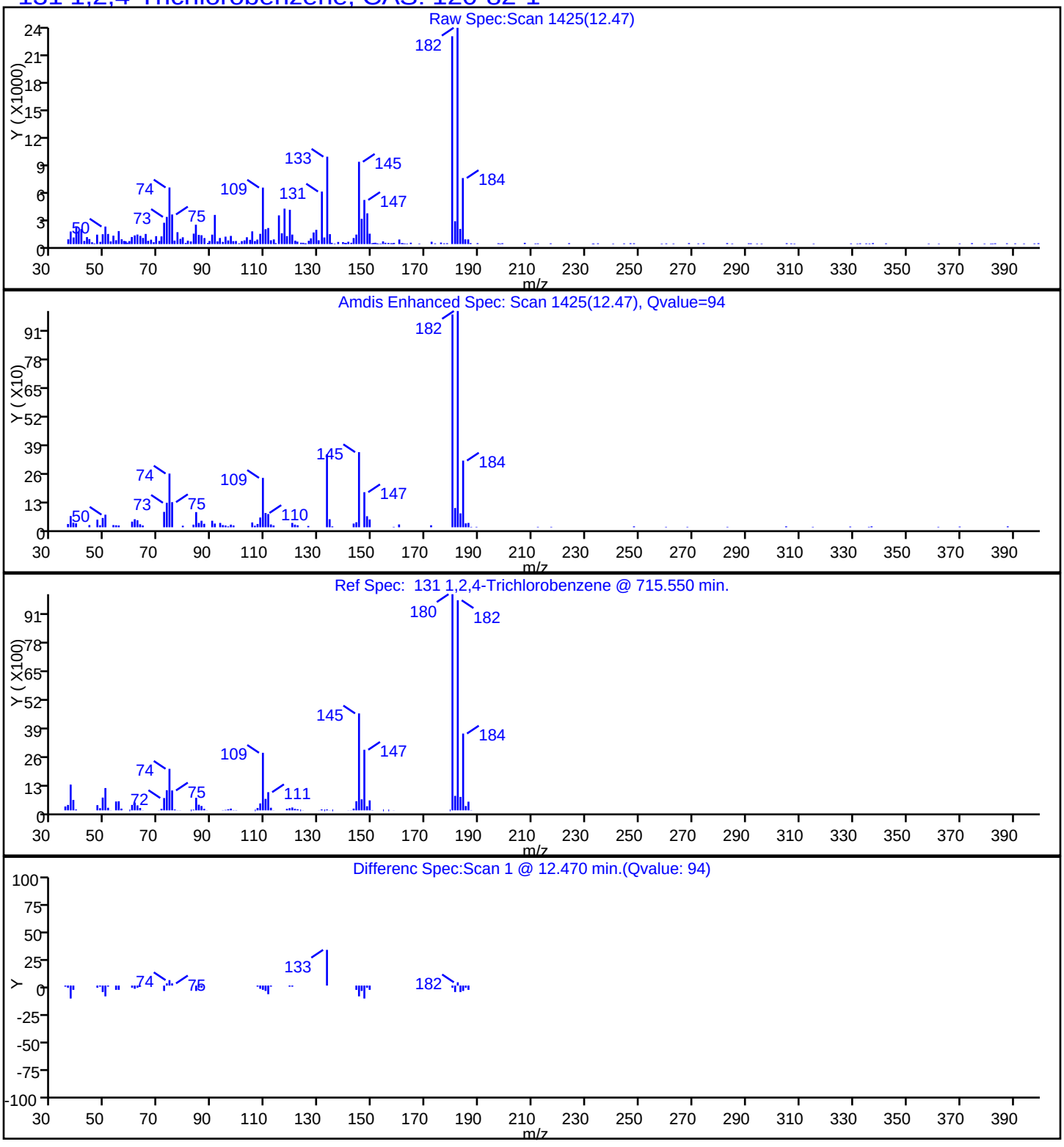
95 Chlorobenzene, CAS: 108-90-7



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D				
Injection Date:	03-Oct-2016 23:13:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121167-A-10	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

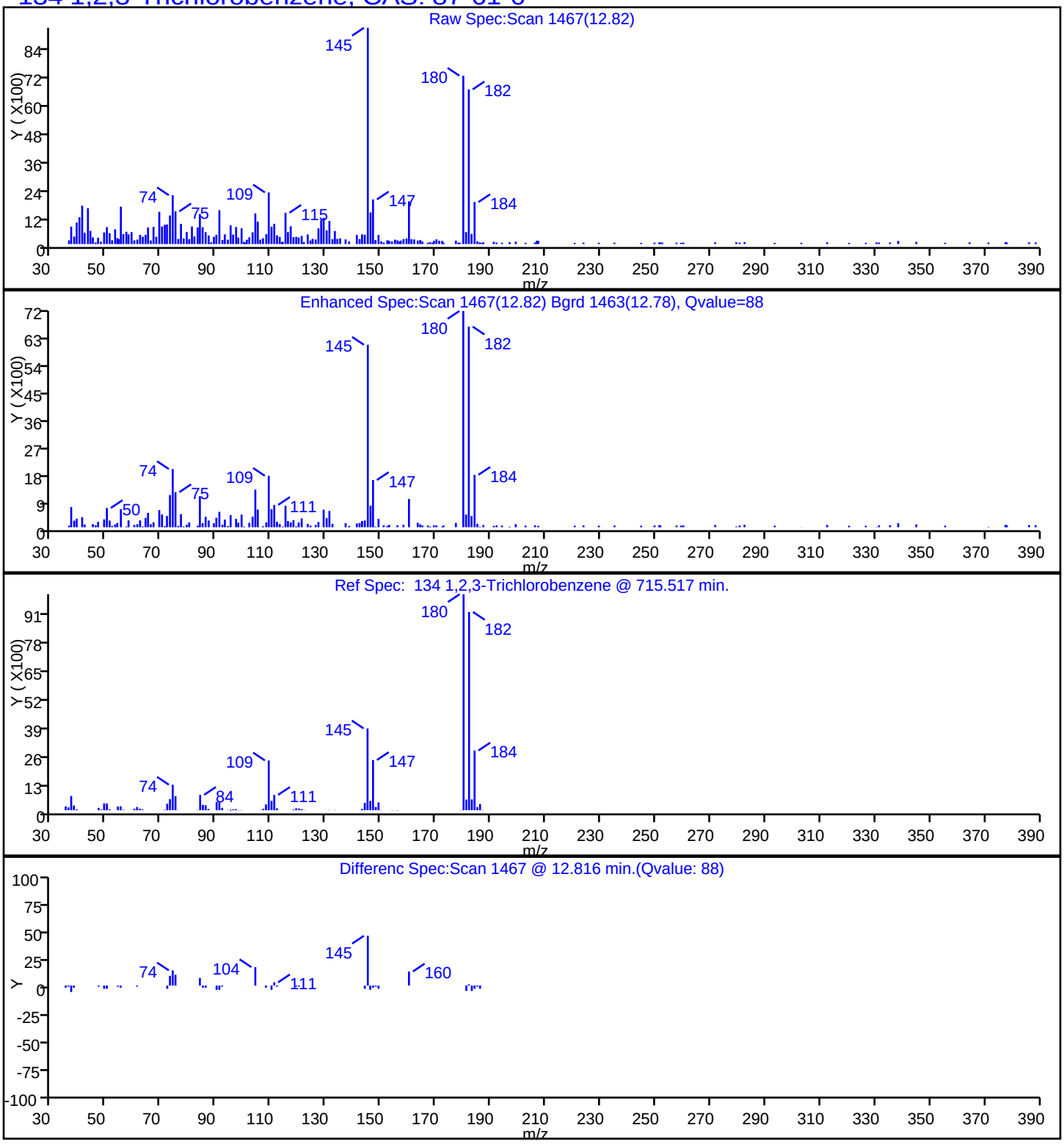
131 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D				
Injection Date:	03-Oct-2016 23:13:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121167-A-10	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

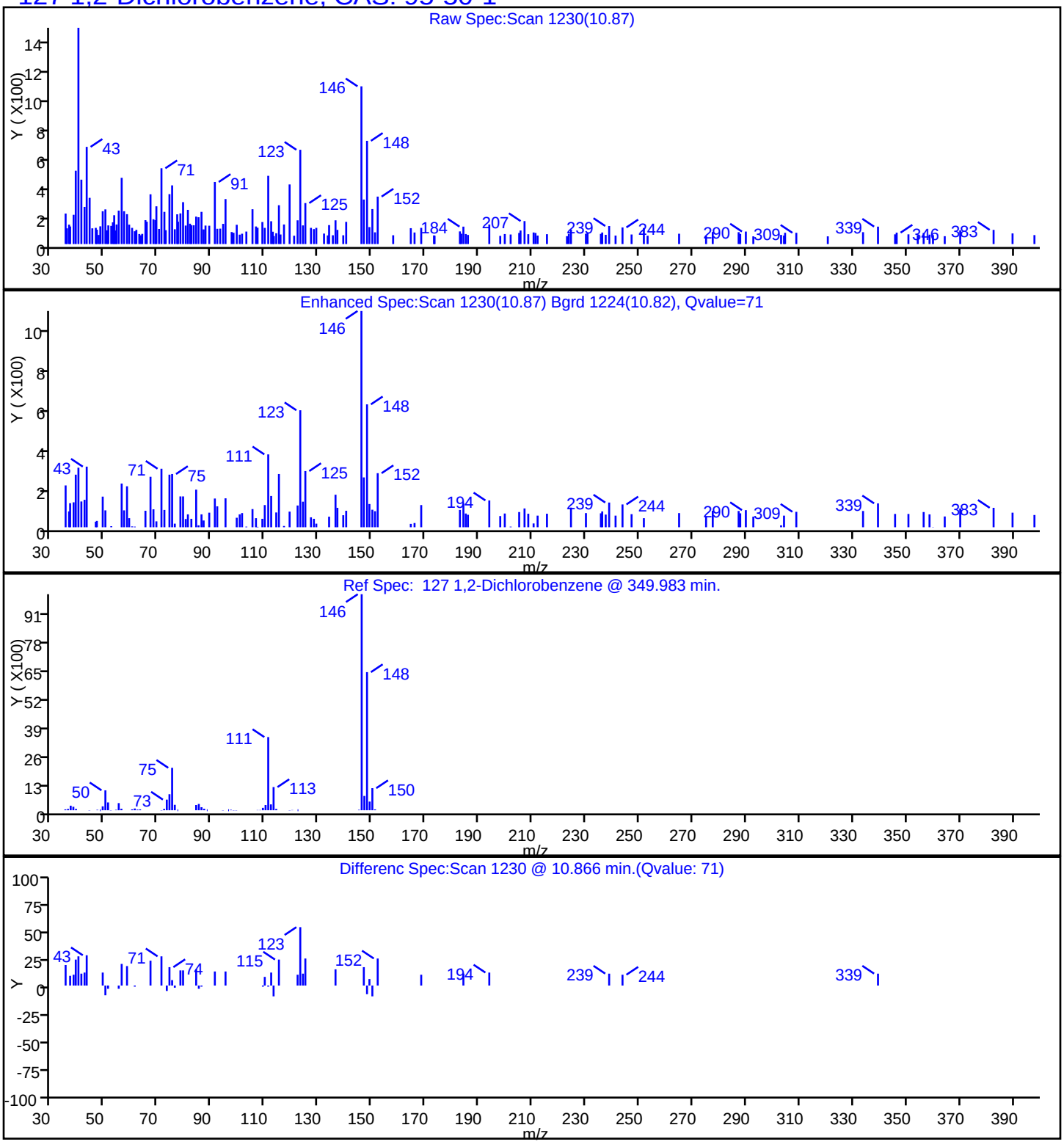
134 1,2,3-Trichlorobenzene, CAS: 87-61-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D				
Injection Date:	03-Oct-2016 23:13:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121167-A-10	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

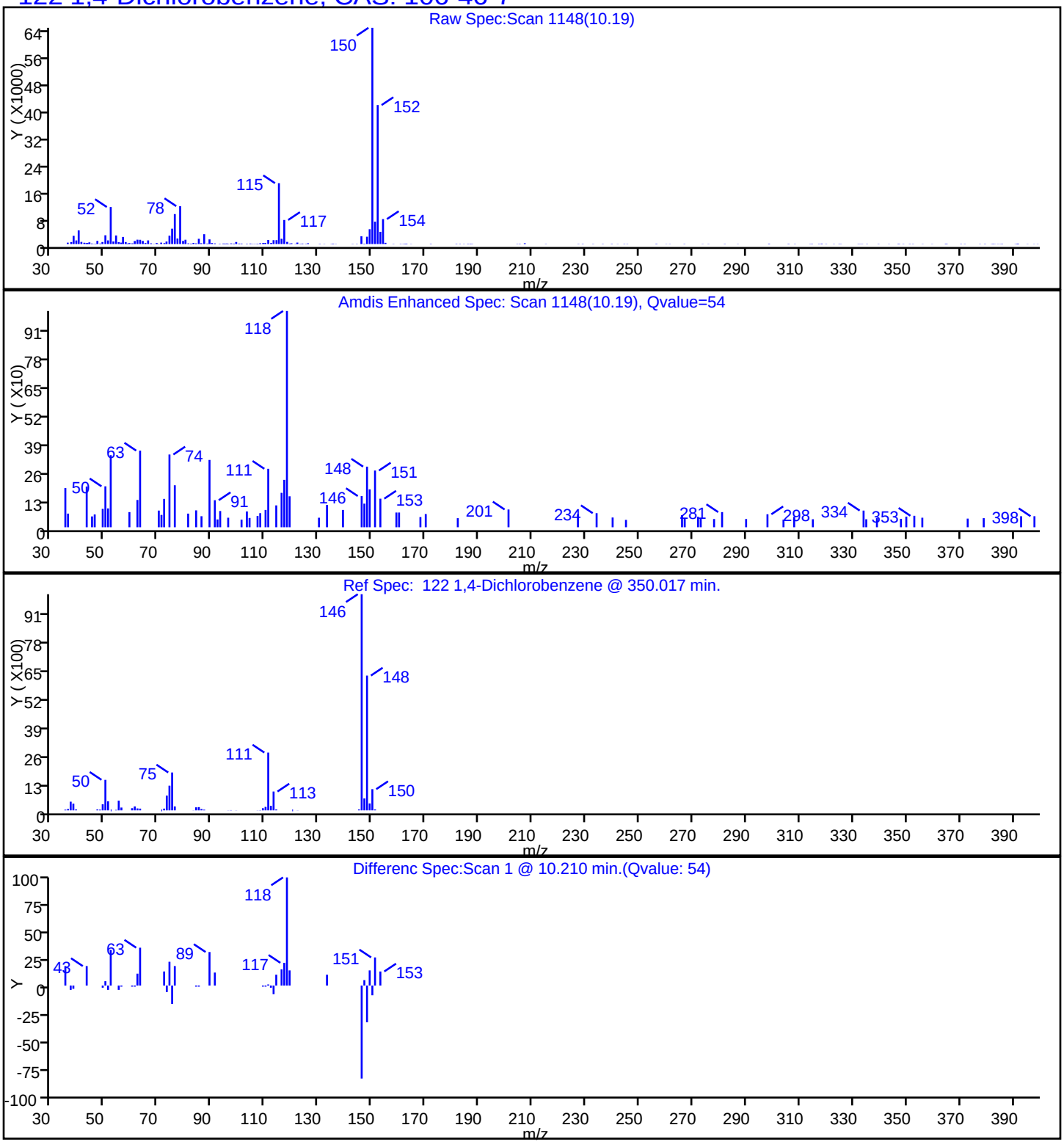
127 1,2-Dichlorobenzene, CAS: 95-50-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D				
Injection Date:	03-Oct-2016 23:13:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121167-A-10	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

122 1,4-Dichlorobenzene, CAS: 106-46-7



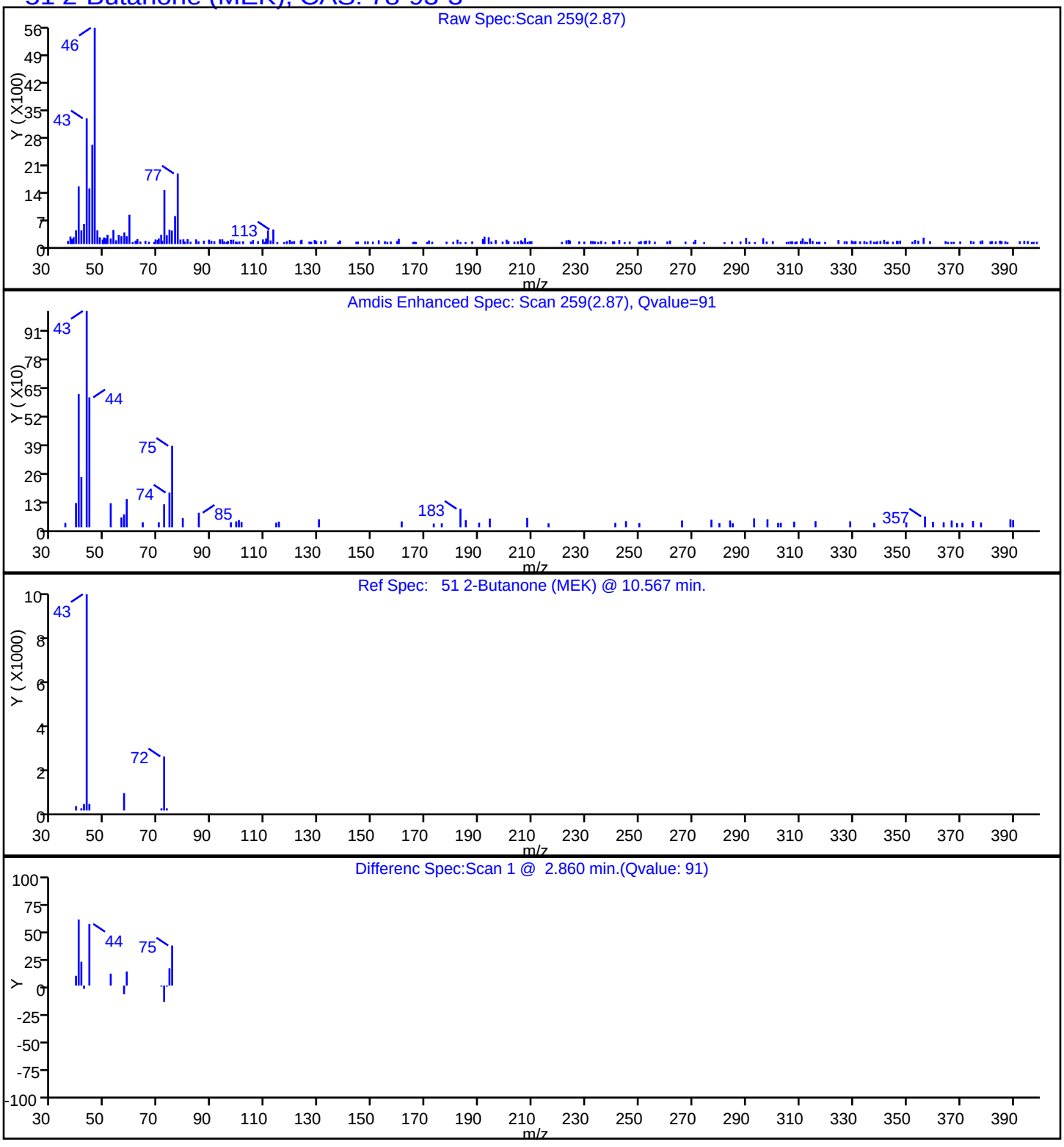
Report Date: 05-Oct-2016 21:54:30 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D

Injection Date:	03-Oct-2016 23:13:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121167-A-10	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

51 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D				
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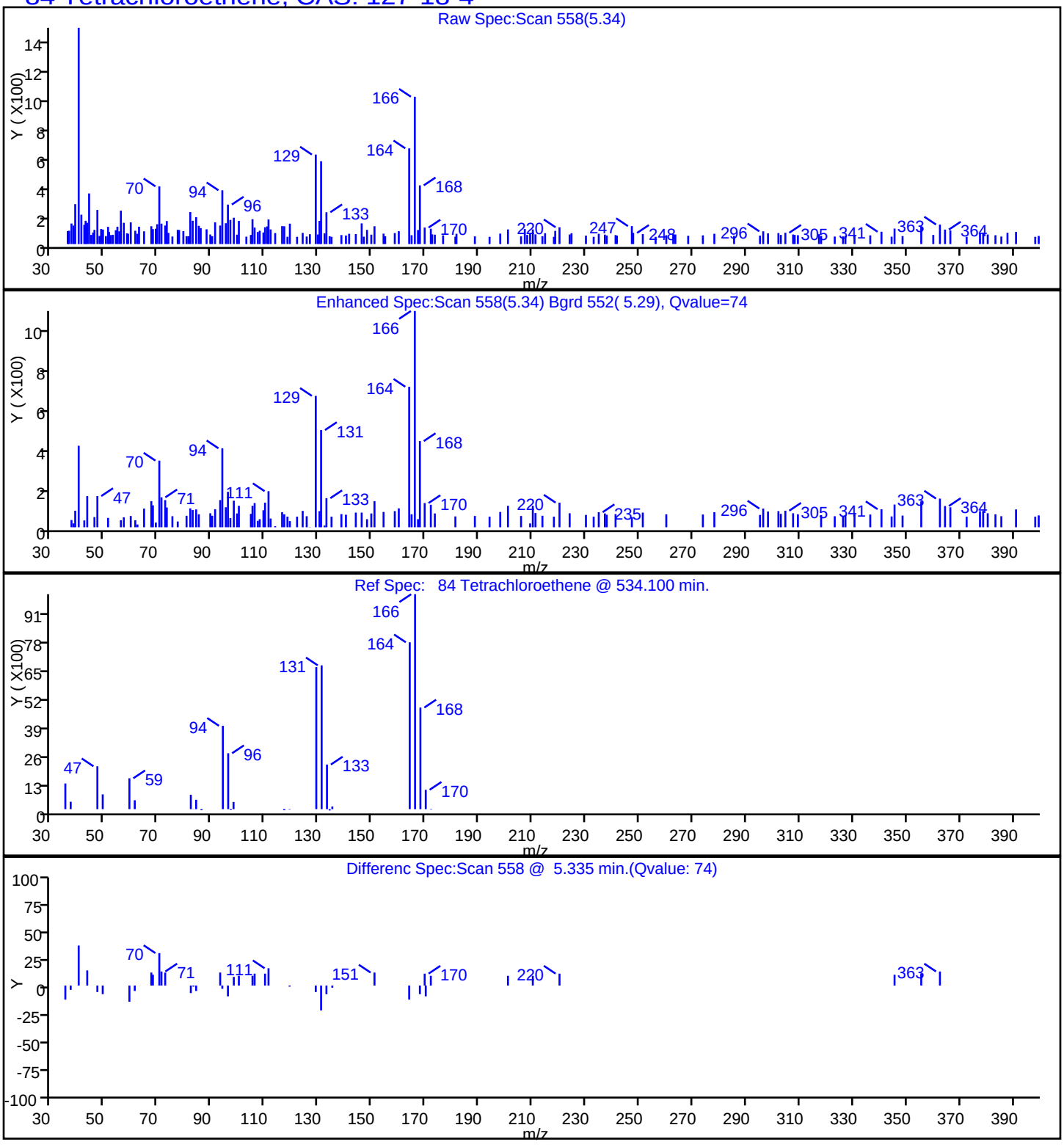
Lims ID:	460-121167-A-10	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

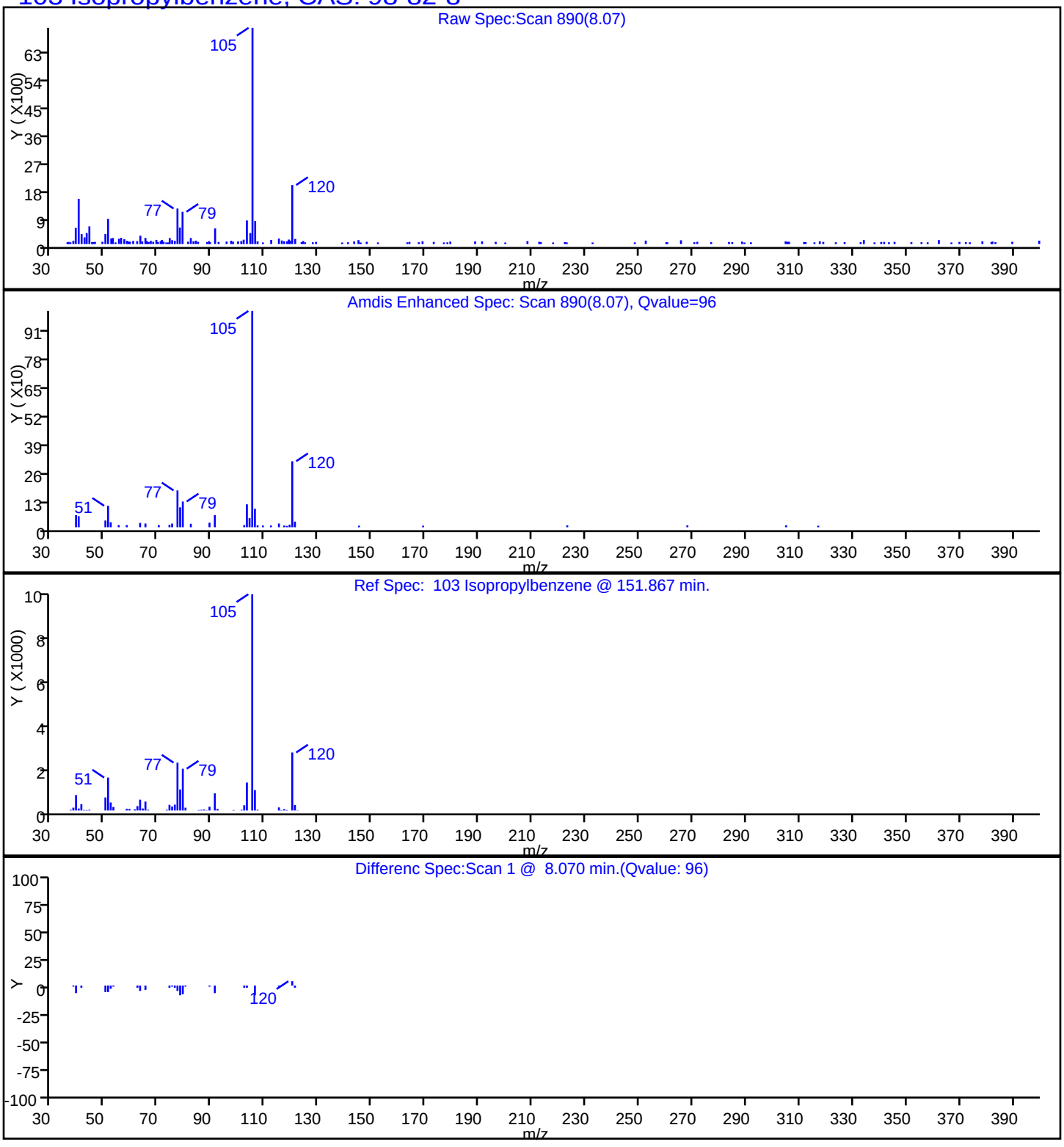
84 Tetrachloroethene, CAS: 127-18-4



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D				
Injection Date:	03-Oct-2016 23:13:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121167-A-10	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

103 Isopropylbenzene, CAS: 98-82-8



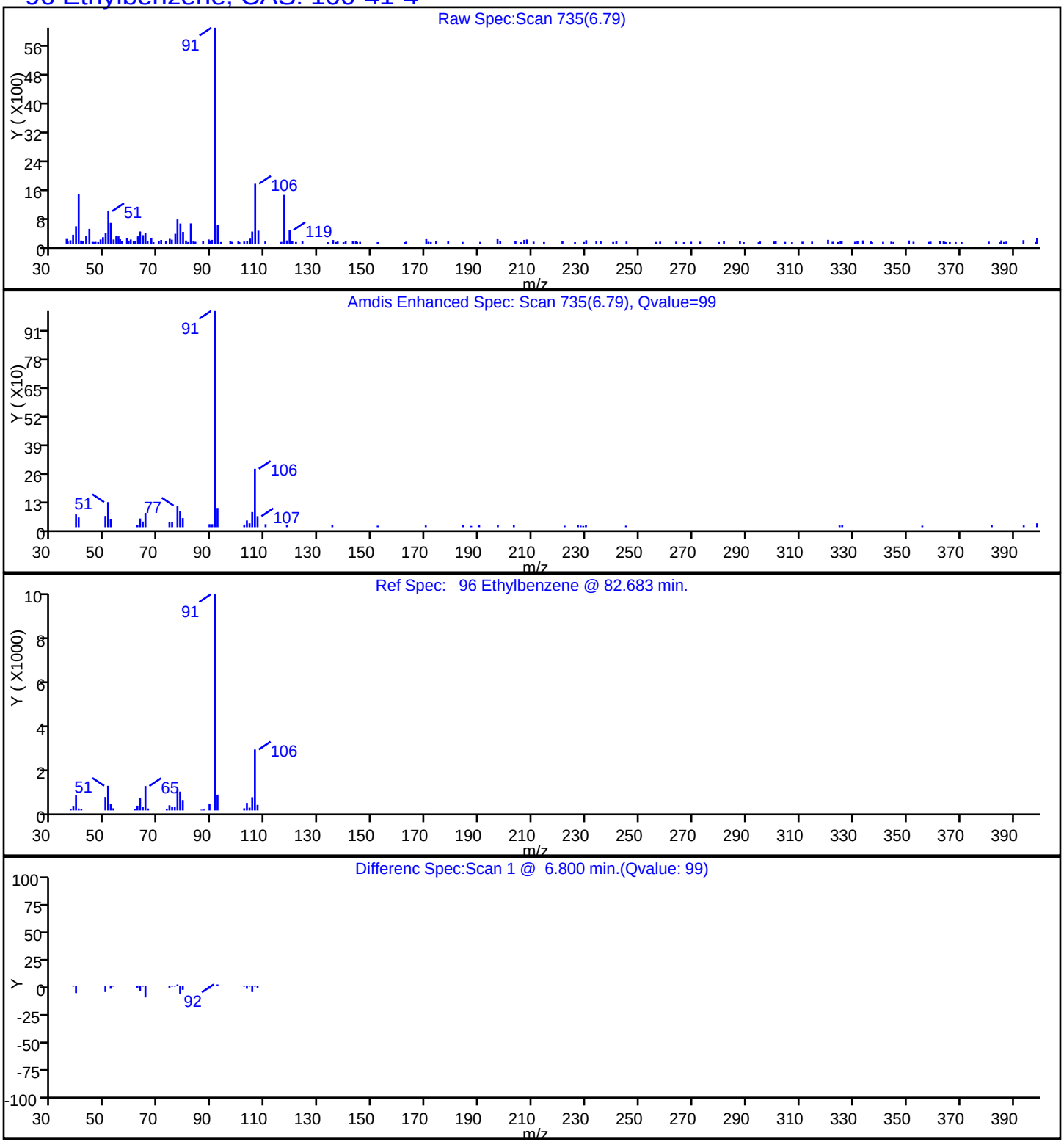
Report Date: 05-Oct-2016 21:54:30 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D

Injection Date:	03-Oct-2016 23:13:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121167-A-10	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

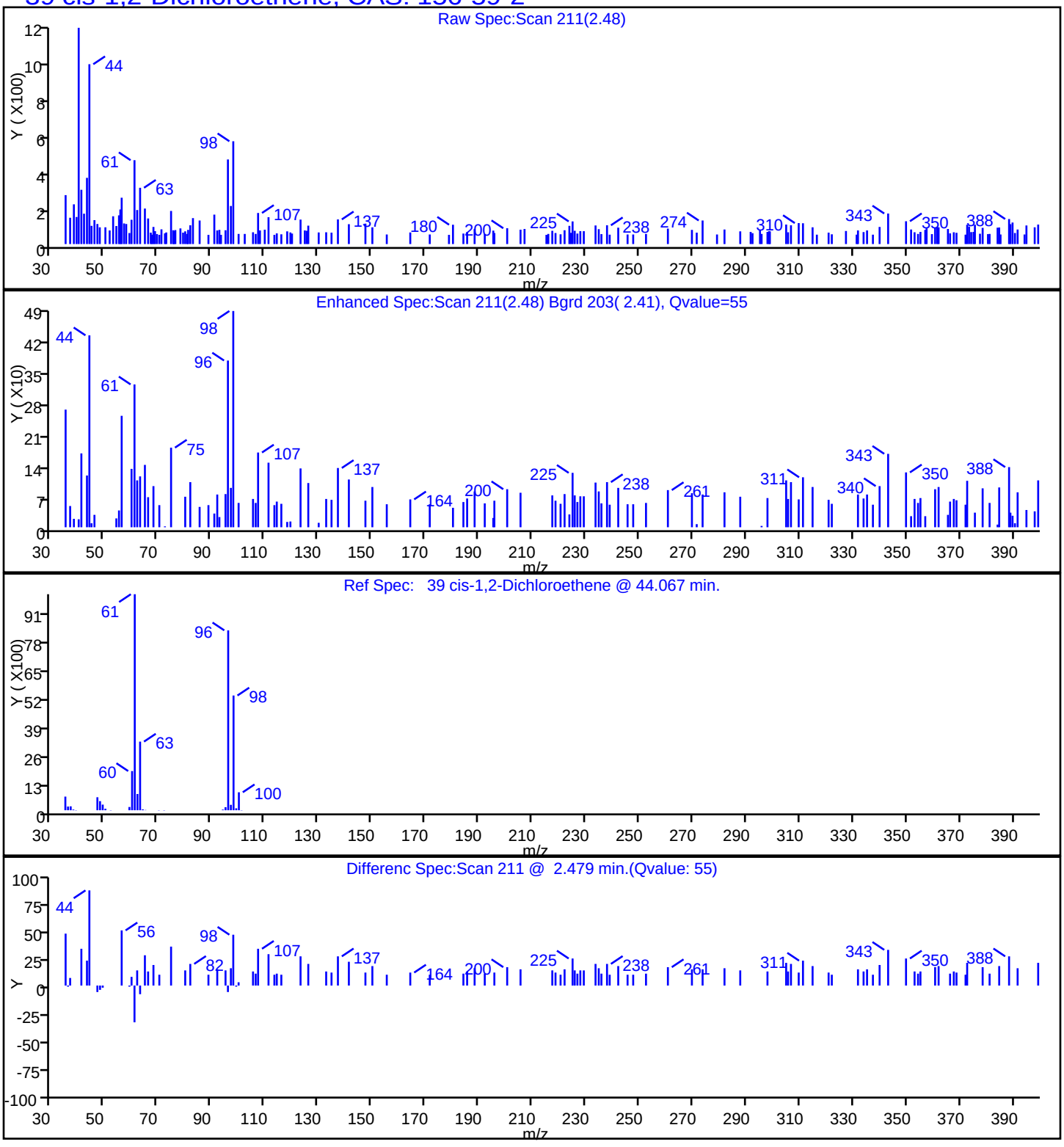
96 Ethylbenzene, CAS: 100-41-4



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D				
Injection Date:	03-Oct-2016 23:13:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121167-A-10	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

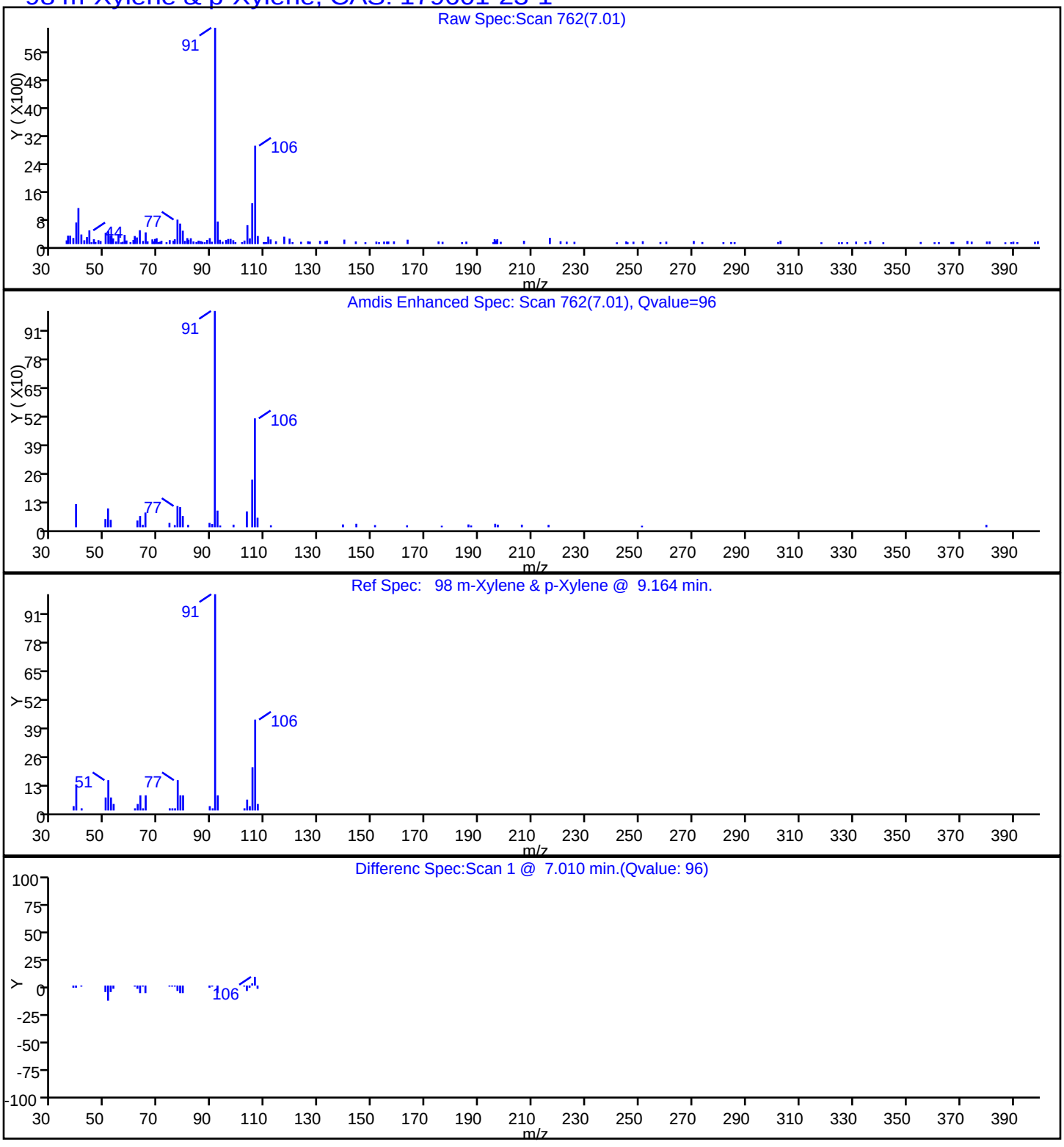
39 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D				
Injection Date:	03-Oct-2016 23:13:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121167-A-10	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

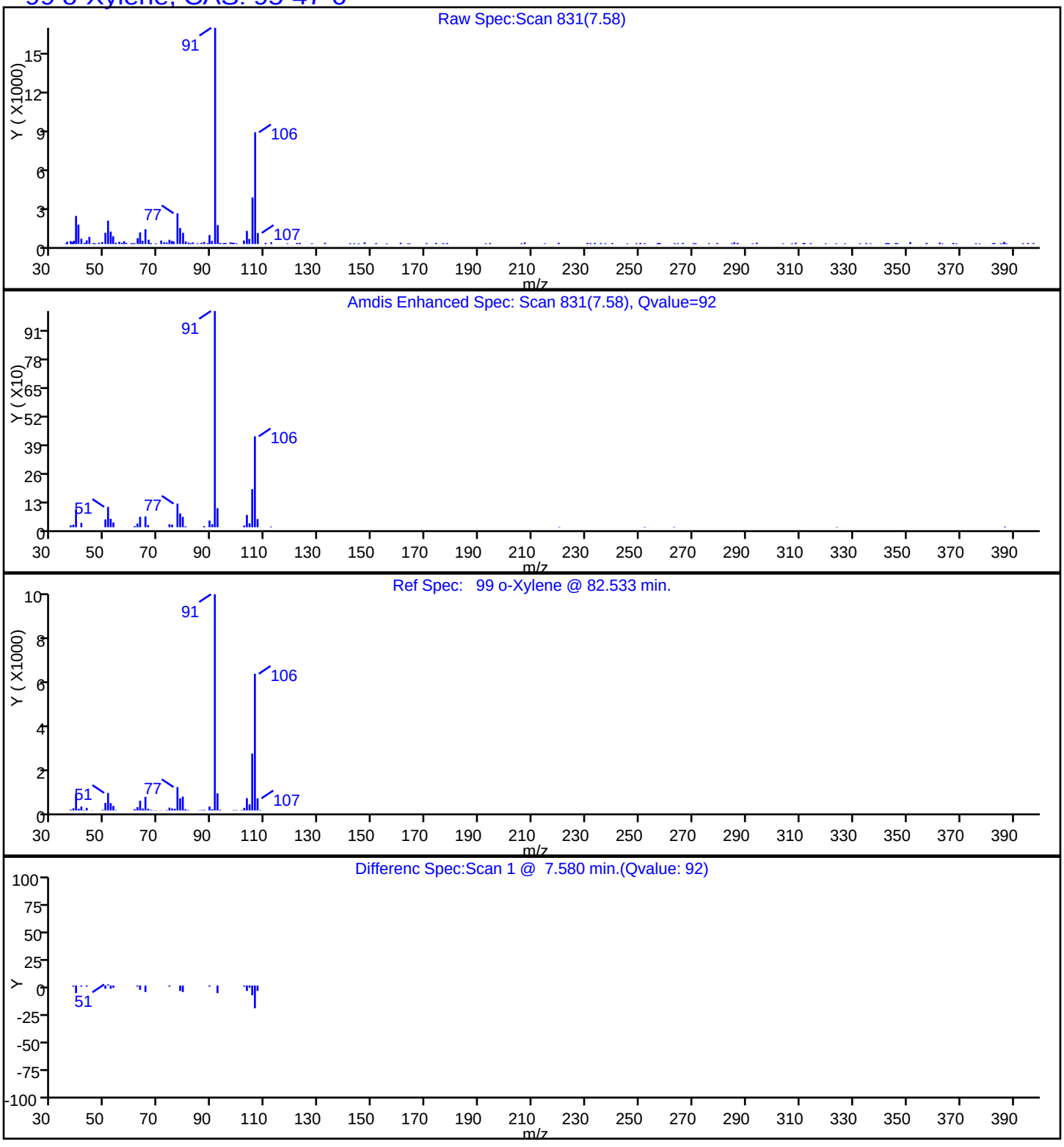
98 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D				
Injection Date:	03-Oct-2016 23:13:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121167-A-10	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

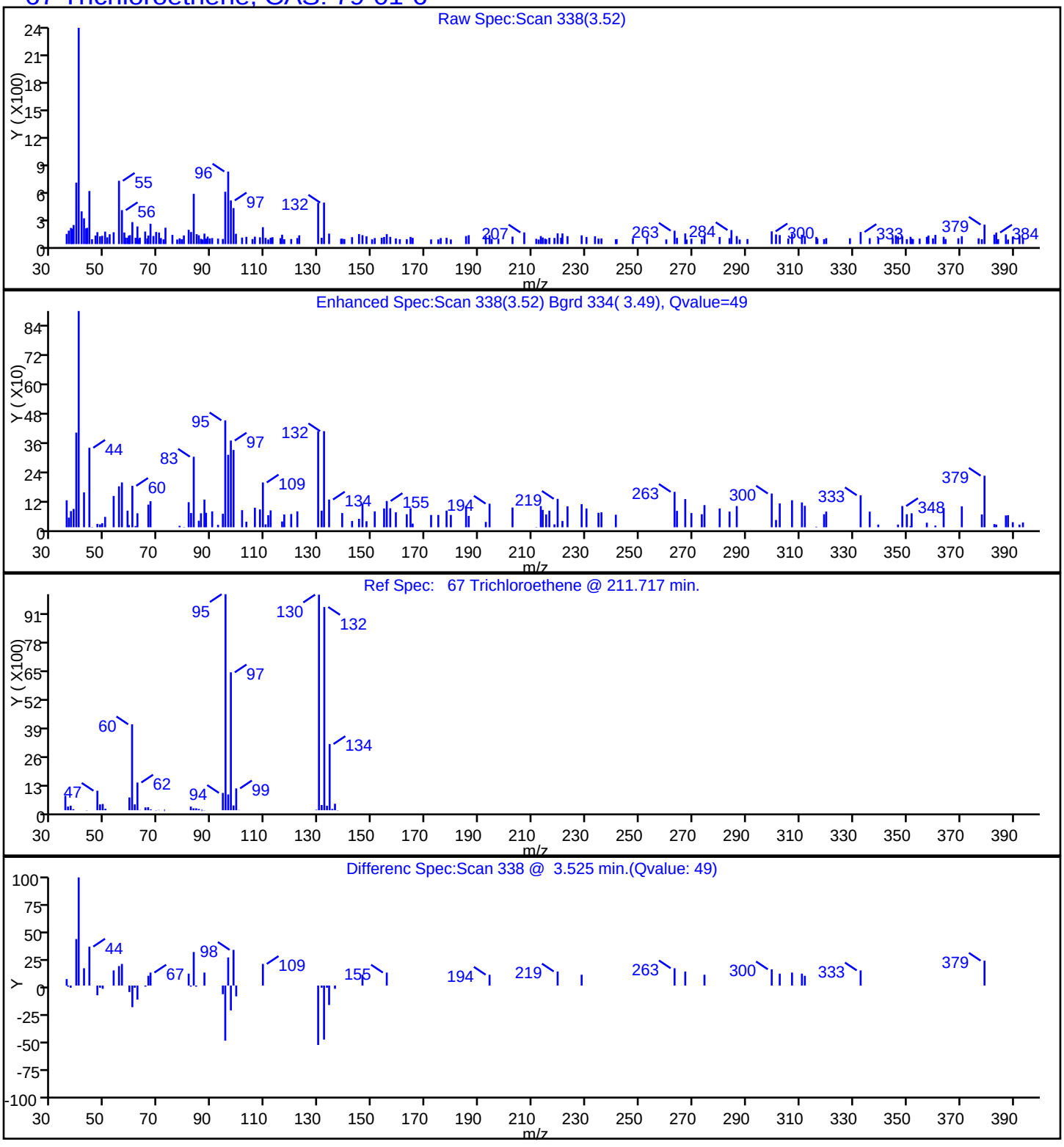
99 o-Xylene, CAS: 95-47-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D				
Injection Date:	03-Oct-2016 23:13:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121167-A-10	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

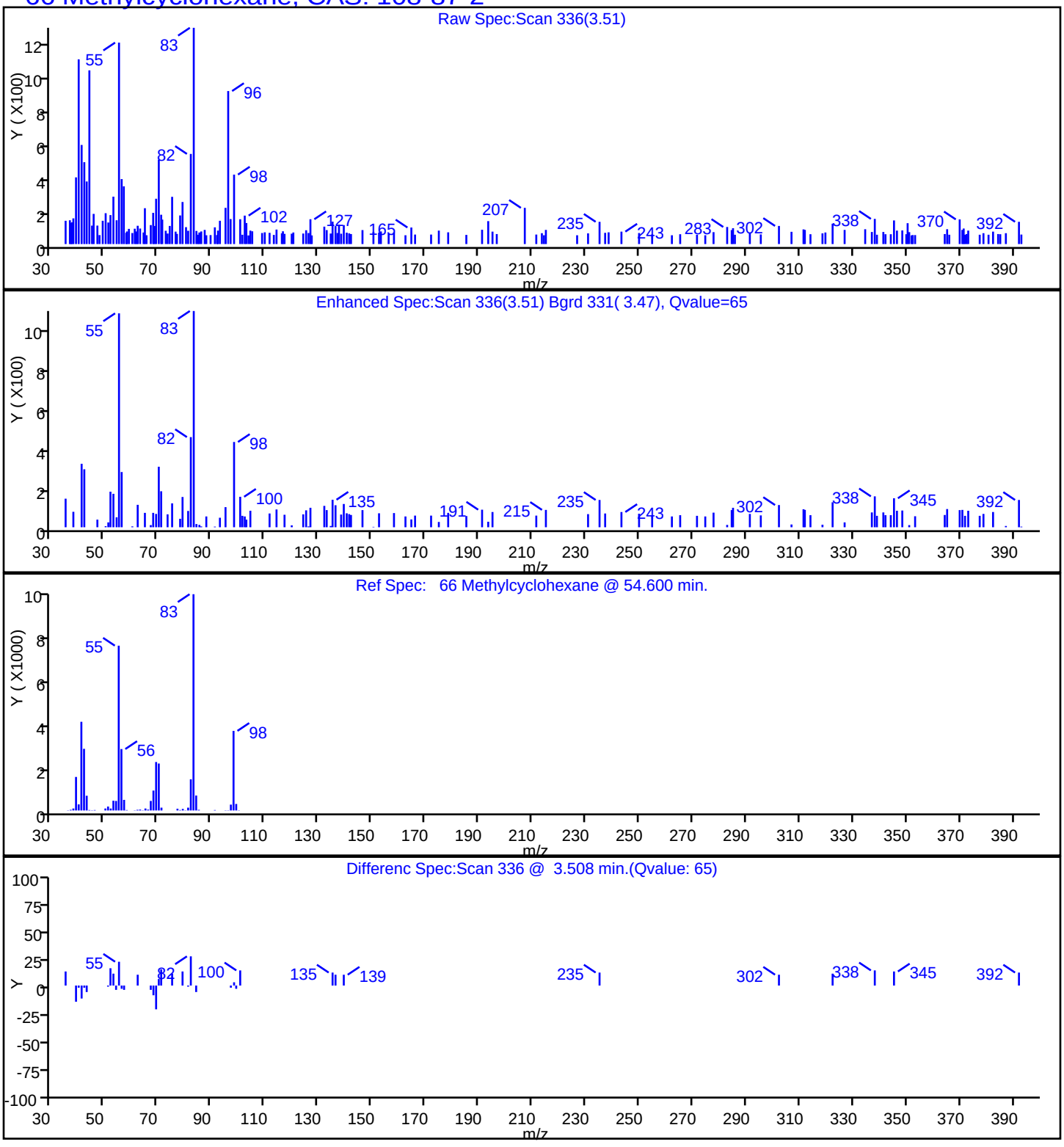
67 Trichloroethene, CAS: 79-01-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D				
Injection Date:	03-Oct-2016 23:13:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121167-A-10	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

66 Methylcyclohexane, CAS: 108-87-2



Manual Integration/User Assign Peak Report

TestAmerica Edison

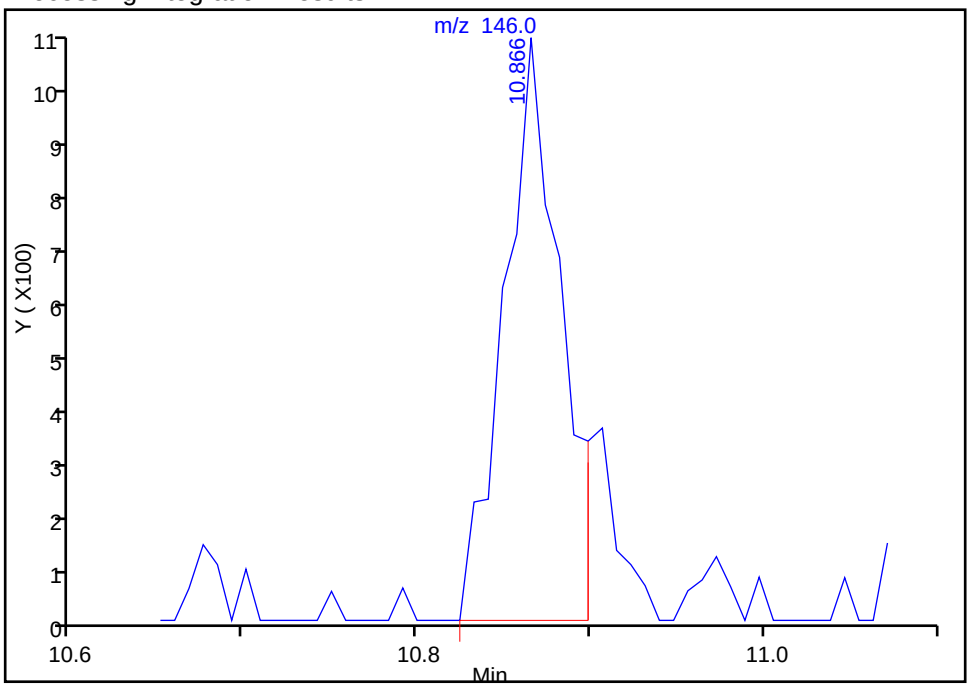
Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D				
Injection Date:	03-Oct-2016 23:13:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121167-A-10	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

127 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

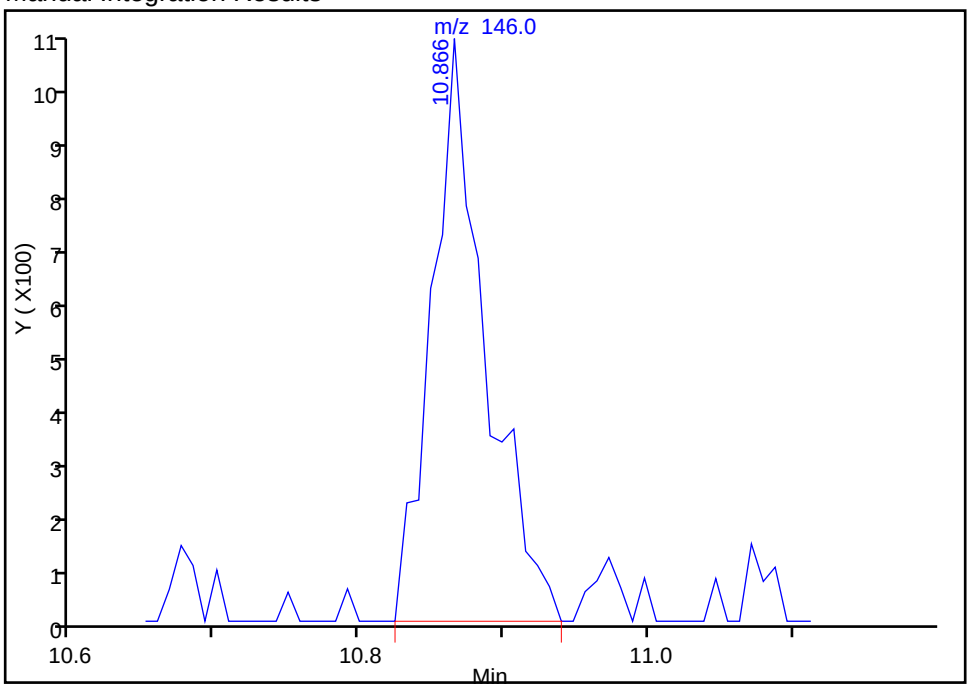
Processing Integration Results

RT: 10.87
Area: 2330
Amount: 0.319024
Amount Units: ug/l



Manual Integration Results

RT: 10.87
Area: 2636
Amount: 0.360922
Amount Units: ug/l



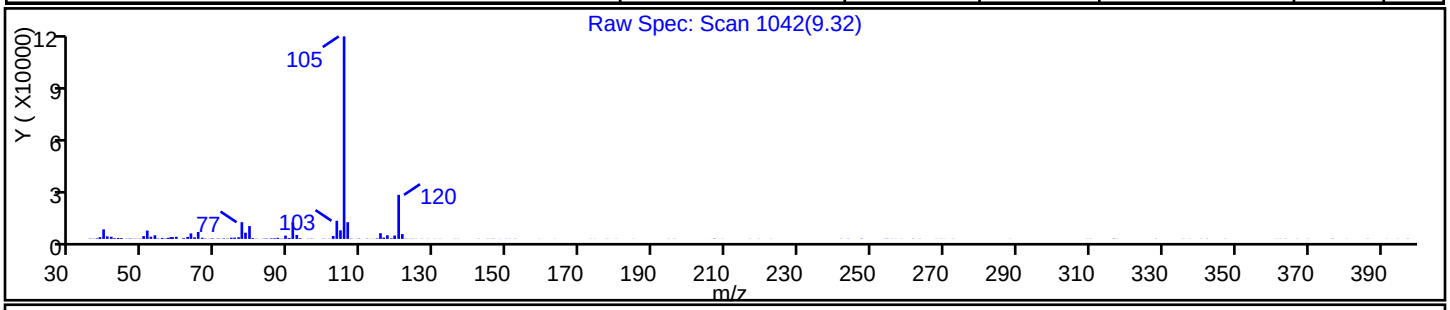
Reviewer: delpolitov, 05-Oct-2016 21:54:28

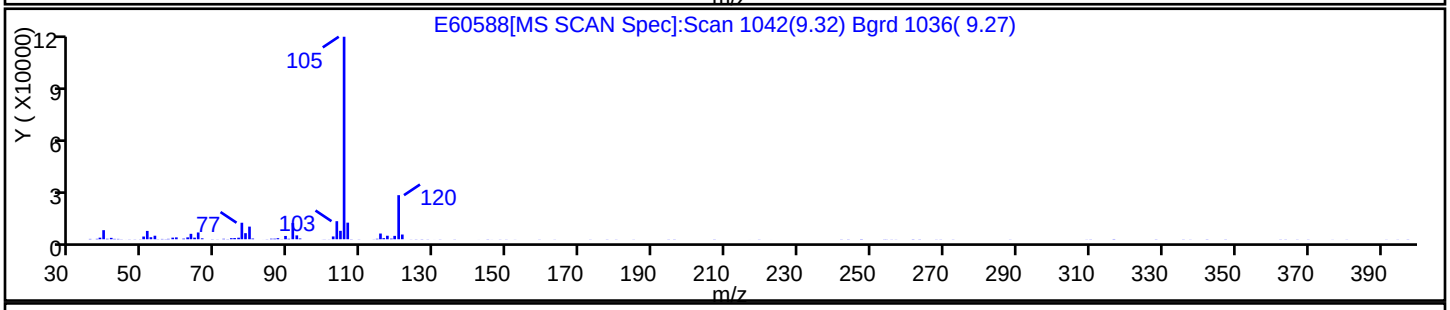
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

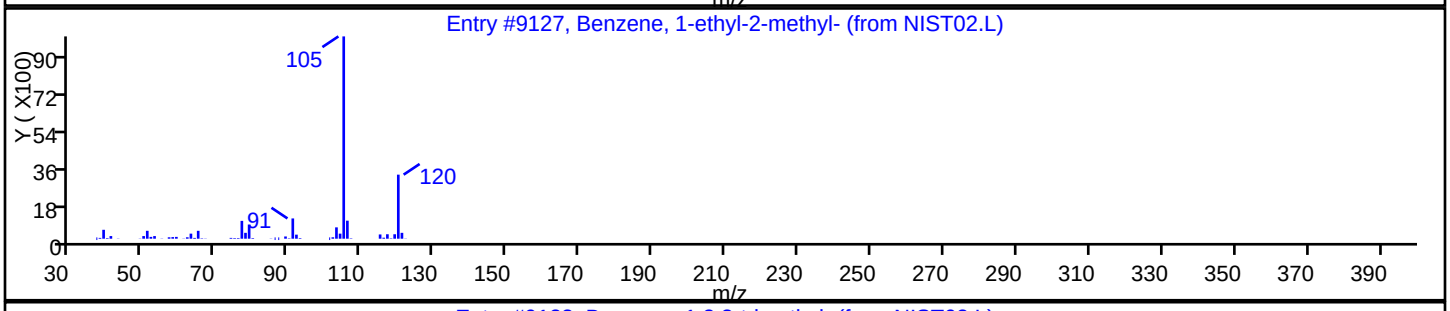
TestAmerica Edison

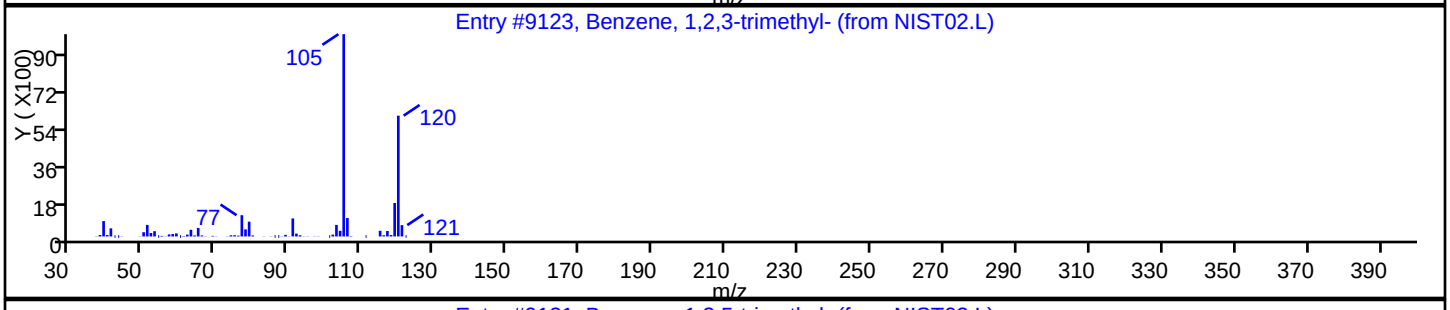
Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D
Injection Date: 03-Oct-2016 23:13:30 Instrument ID: CVOAMS5
Lims ID: 460-121167-A-10 Lab Sample ID: 460-121167-10
Client ID: MW-8
Operator ID: ALS Bottle#: 28 Worklist Smp#: 37
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

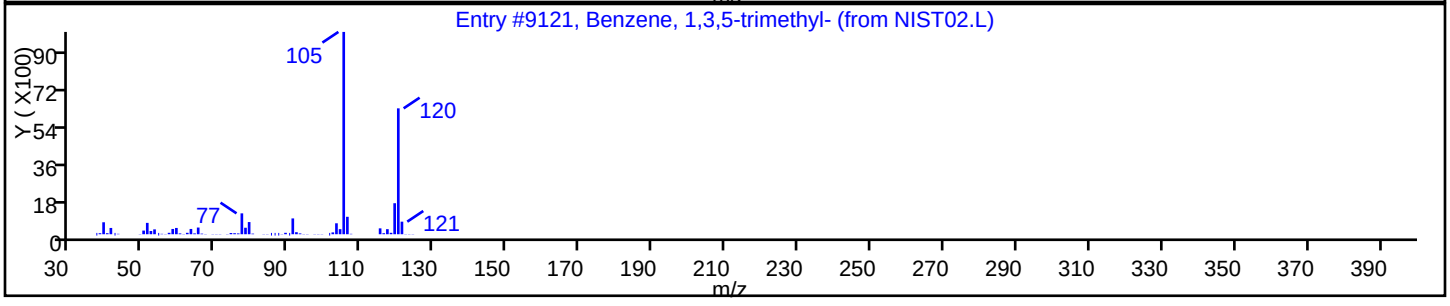
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.L	9127	C9H12	120	90
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9123	C9H12	120	91
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.L	9121	C9H12	120	91







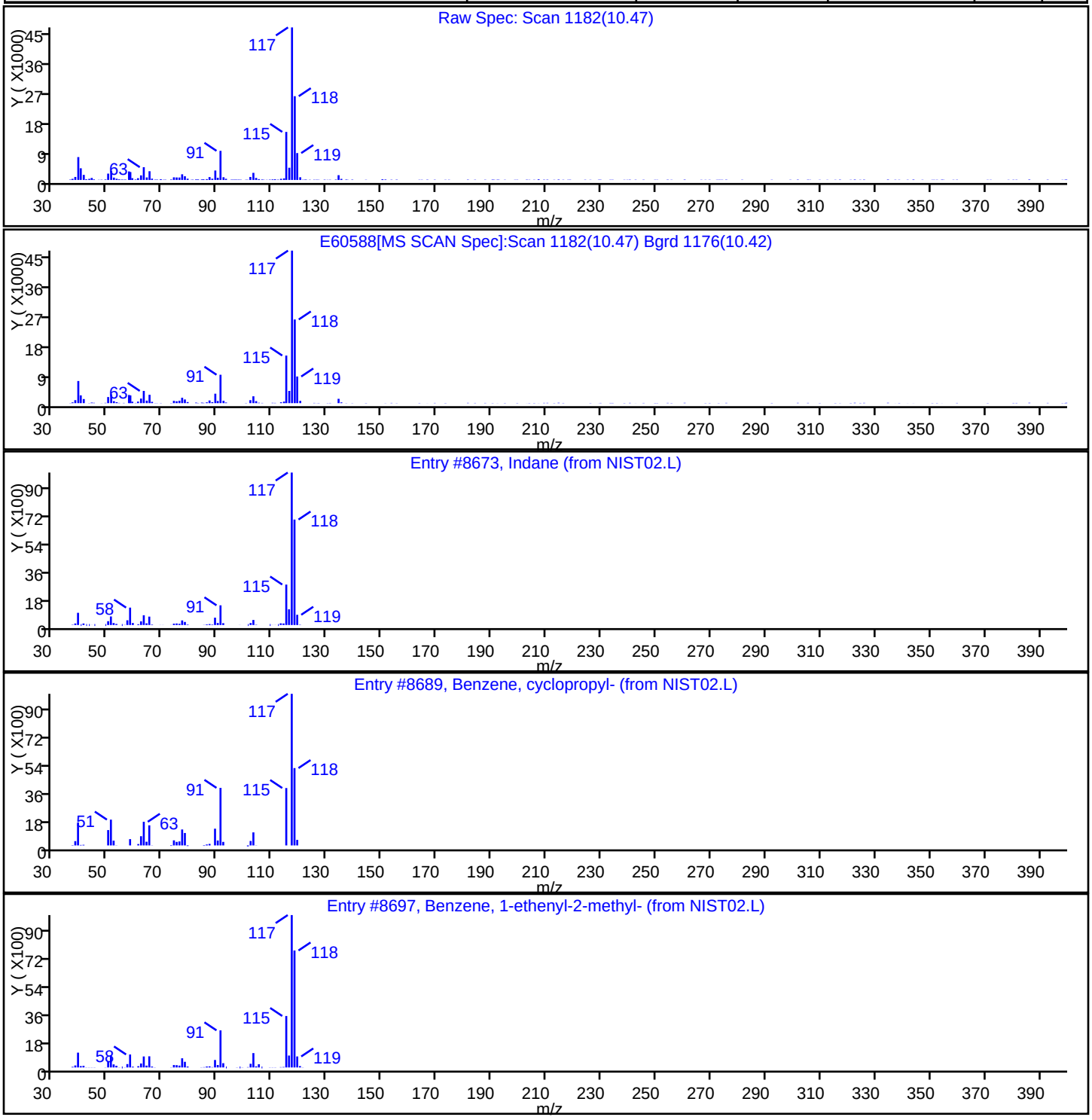




TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D
Injection Date: 03-Oct-2016 23:13:30 Instrument ID: CVOAMS5
Lims ID: 460-121167-A-10 Lab Sample ID: 460-121167-10
Client ID: MW-8
Operator ID: ALS Bottle#: 28 Worklist Smp#: 37
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

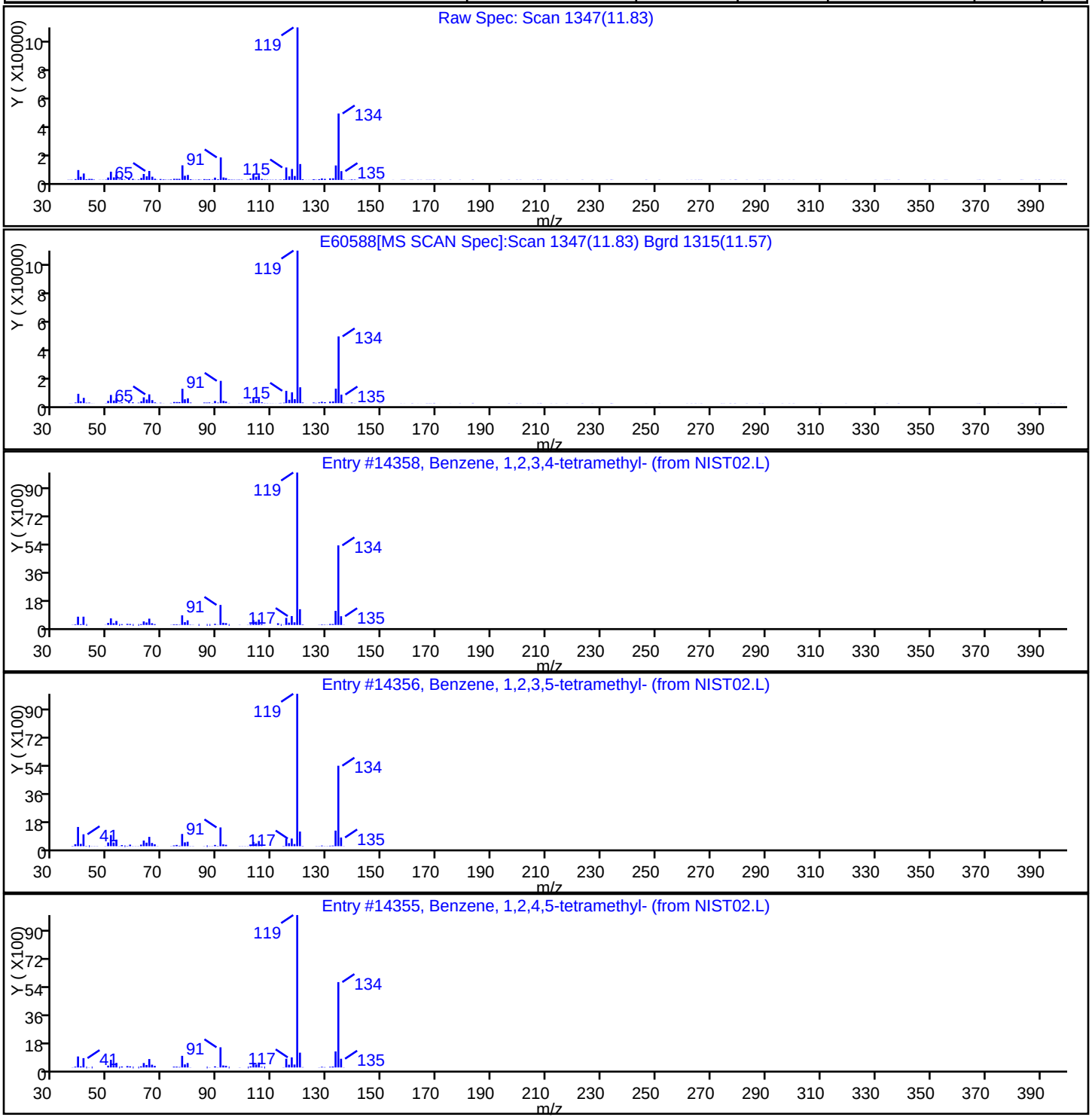
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Indane	496-11-7	NIST02.L	8673	C9H10	118	87
Benzene, cyclopropyl-	873-49-4	NIST02.L	8689	C9H10	118	81
Benzene, 1-ethenyl-2-methyl-	611-15-4	NIST02.L	8697	C9H10	118	74



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D
Injection Date: 03-Oct-2016 23:13:30 Instrument ID: CVOAMS5
Lims ID: 460-121167-A-10 Lab Sample ID: 460-121167-10
Client ID: MW-8
Operator ID: ALS Bottle#: 28 Worklist Smp#: 37
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.L	14358	C10H14	134	97
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.L	14356	C10H14	134	97
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14355	C10H14	134	97



Report Date: 05-Oct-2016 21:54:30 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D

Injection Date: 03-Oct-2016 23:13:30 Instrument ID: CVOAMS5

Lims ID: 460-121167-A-10 Lab Sample ID: 460-121167-10

Client ID: MW-8

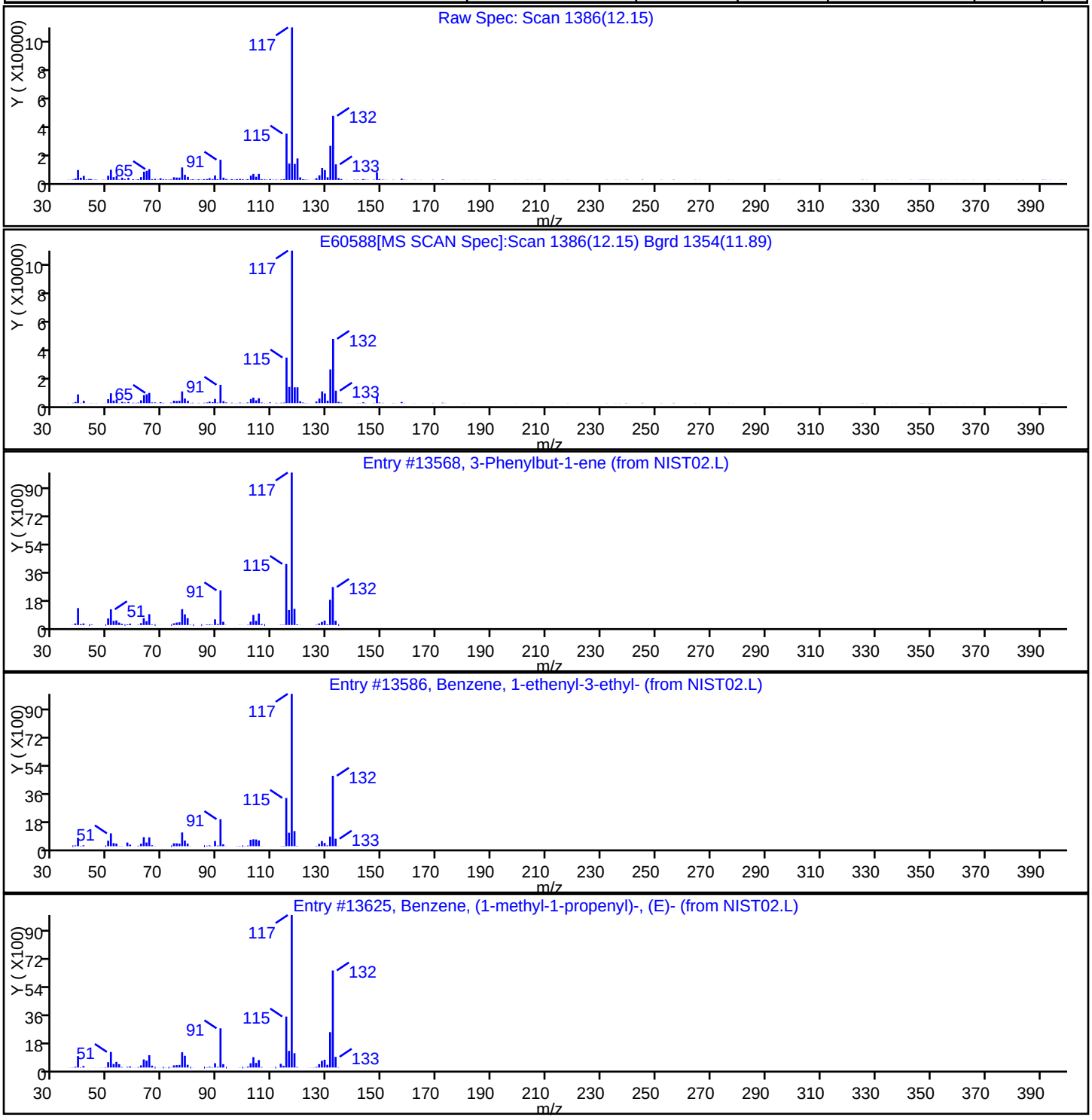
Operator ID: ALS Bottle#: 28 Worklist Smp#: 37

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_5 Limit Group: VOA 624 ICAL

Column: Detector MS SCAN

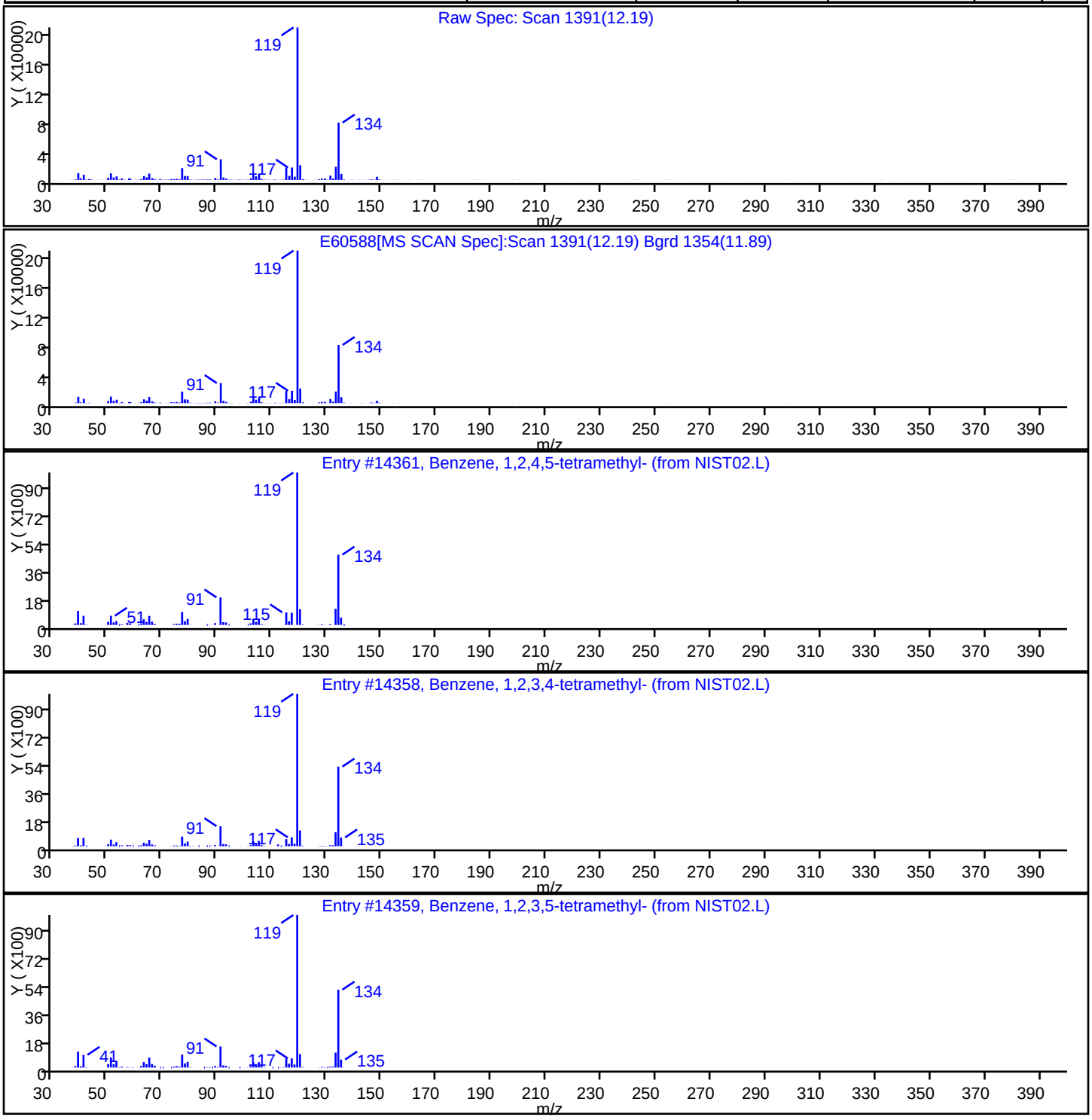
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
3-Phenylbut-1-ene	934-10-1	NIST02.L	13568	C10H12	132	90
Benzene, 1-ethenyl-3-ethyl-	7525-62-4	NIST02.L	13586	C10H12	132	87
Benzene, (1-methyl-1-propenyl)-, (E)-	768-00-3	NIST02.L	13625	C10H12	132	87



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D
Injection Date: 03-Oct-2016 23:13:30 Instrument ID: CVOAMS5
Lims ID: 460-121167-A-10 Lab Sample ID: 460-121167-10
Client ID: MW-8
Operator ID: ALS Bottle#: 28 Worklist Smp#: 37
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	C10H14	134	96
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.L	14358	C10H14	134	96
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.L	14359	C10H14	134	95



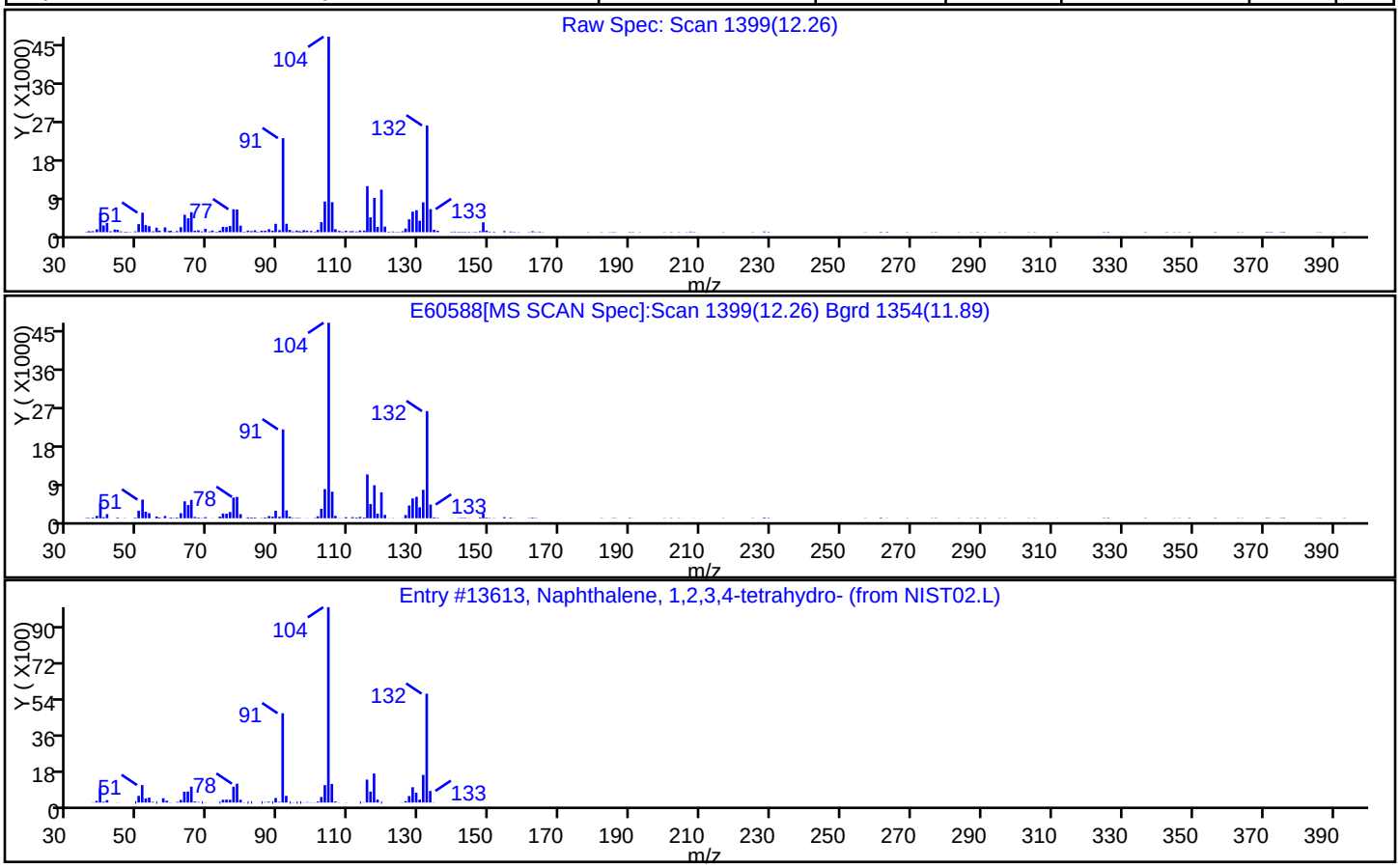
Report Date: 05-Oct-2016 21:54:30 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D

Injection Date:	03-Oct-2016 23:13:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121167-A-10	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:		Detector	MS SCAN		

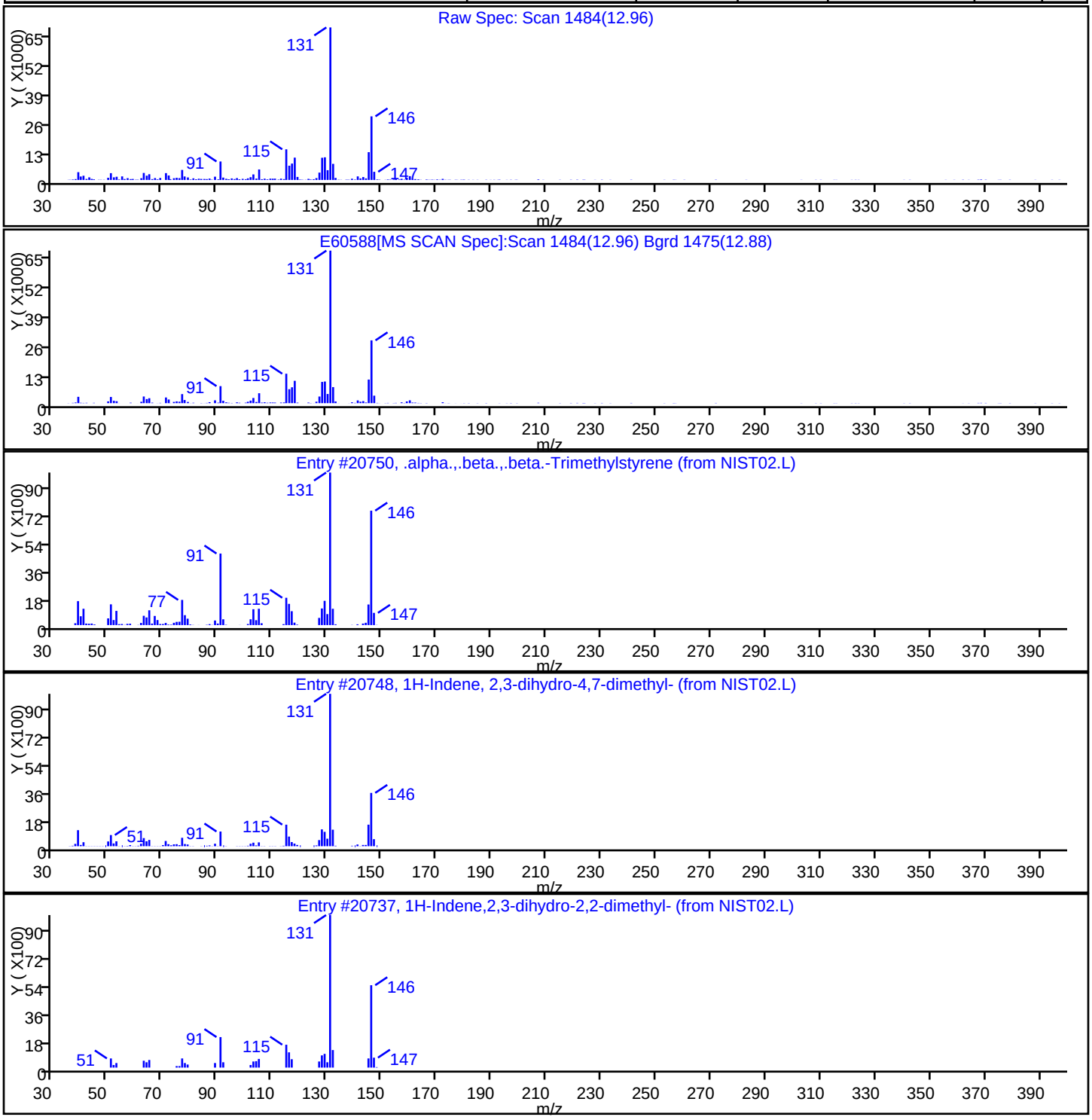
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-	119-64-2	NIST02.L	13613	C10H12	132	96



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D
Injection Date: 03-Oct-2016 23:13:30 Instrument ID: CVOAMS5
Lims ID: 460-121167-A-10 Lab Sample ID: 460-121167-10
Client ID: MW-8
Operator ID: ALS Bottle#: 28 Worklist Smp#: 37
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
.alpha.,.beta.,.beta.-Trimethylstyrene	769-57-3	NIST02.L	20750	C11H14	146	95
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.L	20748	C11H14	146	94
1H-Indene,2,3-dihydro-2,2-dimethyl-	20836-11-7	NIST02.L	20737	C11H14	146	93



Report Date: 05-Oct-2016 21:54:31 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D

Injection Date: 03-Oct-2016 23:13:30 Instrument ID: CVOAMS5

Lims ID: 460-121167-A-10 Lab Sample ID: 460-121167-10

Client ID: MW-8

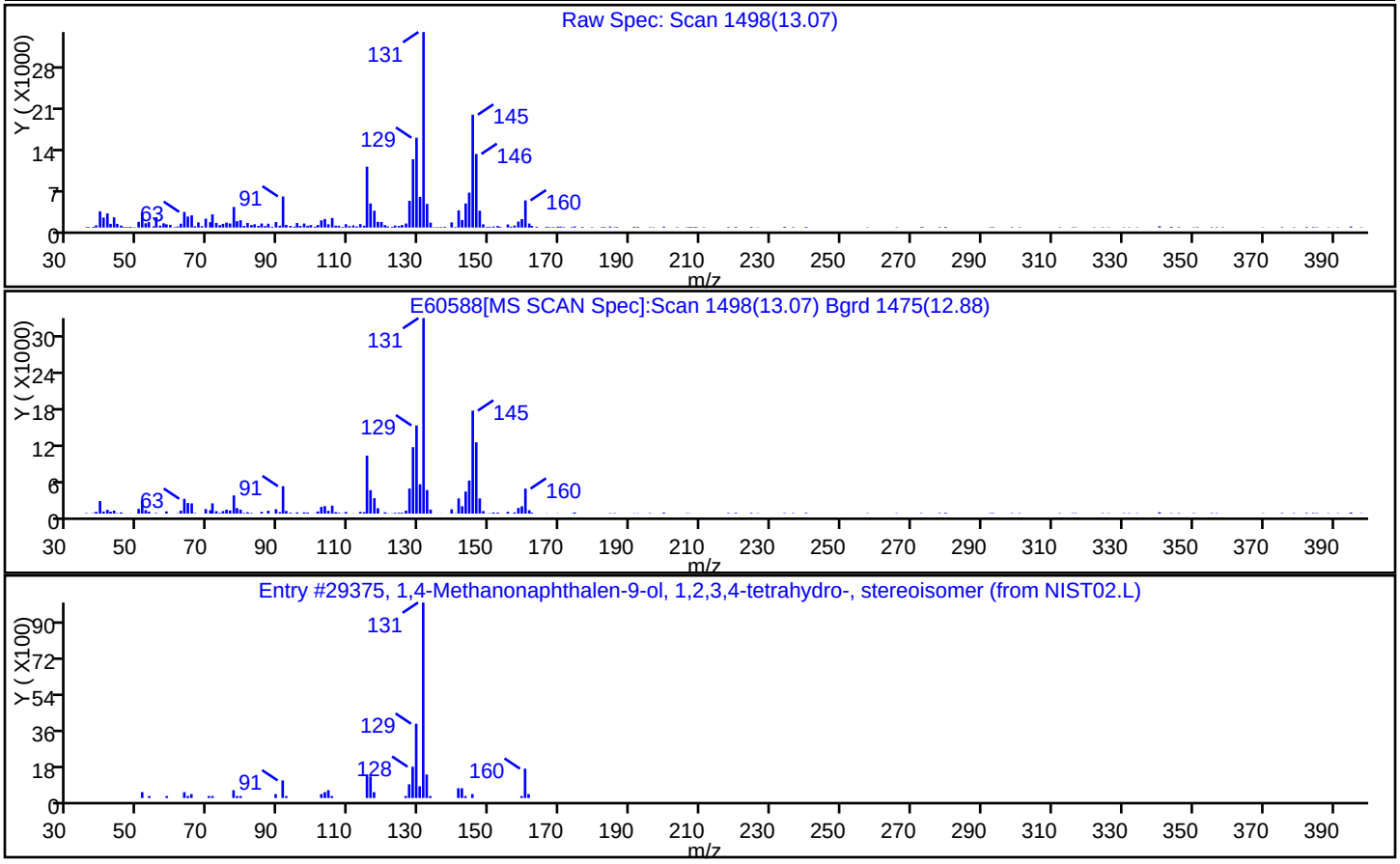
Operator ID: ALS Bottle#: 28 Worklist Smp#: 37

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_5 Limit Group: VOA 624 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown Aromatic						
1,4-Methanonaphthalen-9-ol, 1,2,3,4-tetrahydro-,	1198-20-5	NIST02.L	29375	C11H12O	160	53



Report Date: 05-Oct-2016 21:54:31 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D

Injection Date: 03-Oct-2016 23:13:30 Instrument ID: CVOAMS5

Lims ID: 460-121167-A-10 Lab Sample ID: 460-121167-10

Client ID: MW-8

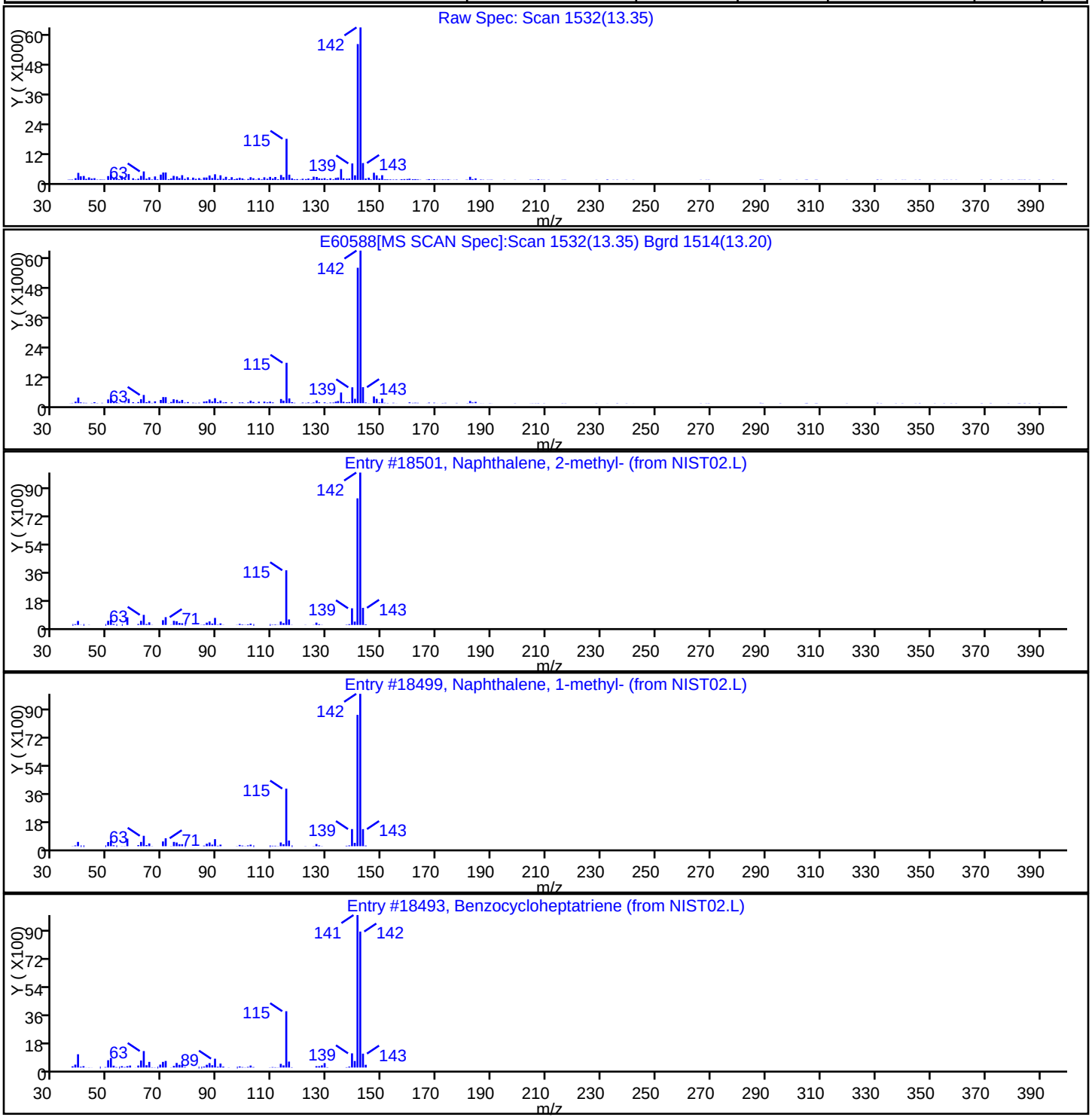
Operator ID: ALS Bottle#: 28 Worklist Smp#: 37

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_5 Limit Group: VOA 624 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	C11H10	142	93
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	C11H10	142	94
Benzocycloheptatriene	264-09-5	NIST02.L	18493	C11H10	142	90



Report Date: 05-Oct-2016 21:54:31 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60588.D

Injection Date: 03-Oct-2016 23:13:30 Instrument ID: CVOAMS5

Lims ID: 460-121167-A-10 Lab Sample ID: 460-121167-10

Client ID: MW-8

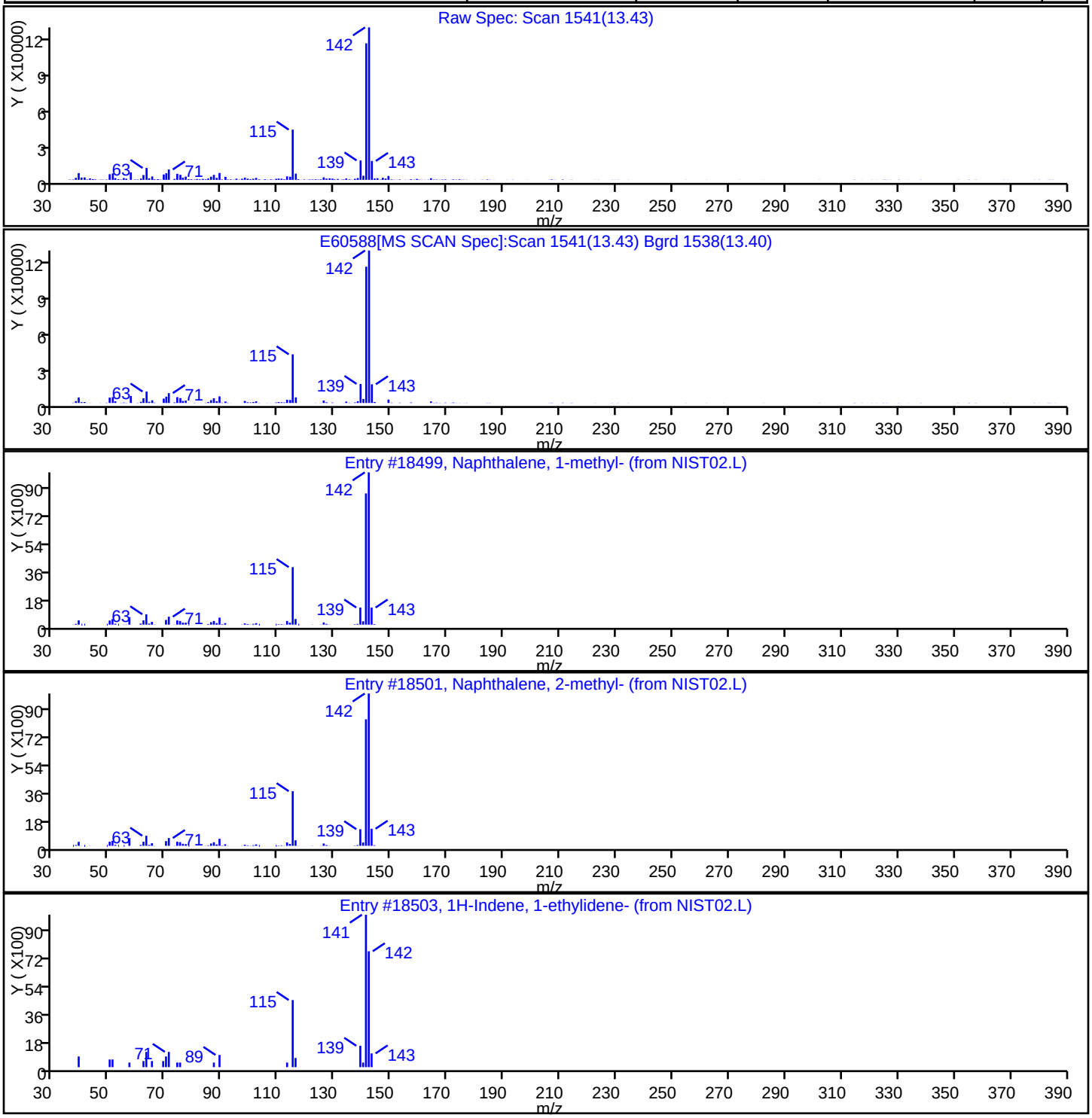
Operator ID: ALS Bottle#: 28 Worklist Smp#: 37

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_5 Limit Group: VOA 624 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	C11H10	142	96
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	C11H10	142	96
1H-Indene, 1-ethylidene-	2471-83-2	NIST02.L	18503	C11H10	142	95



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: FB-20160929 | Lab Sample ID: 460-121167-11

Matrix: Water | Lab File ID: A27644.D

Analysis Method: 624 | Date Collected: 09/29/2016 15:40

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 19:51

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.22	U	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	0.27	U	1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	0.35	U	1.0	0.35
95-50-1	1,2-Dichlorobenzene	0.22	U	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.33	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: FB-20160929 | Lab Sample ID: 460-121167-11

Matrix: Water | Lab File ID: A27644.D

Analysis Method: 624 | Date Collected: 09/29/2016 15:40

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 19:51

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		48-130
2037-26-5	Toluene-d8 (Surr)	104		80-120
460-00-4	Bromofluorobenzene	91		71-131
1868-53-7	Dibromofluoromethane (Surr)	101		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: FB-20160929 | Lab Sample ID: 460-121167-11

Matrix: Water | Lab File ID: A27644.D

Analysis Method: 624 | Date Collected: 09/29/2016 15:40

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 19:51

Soil Aliquot Vol: | Dilution Factor: 1

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

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

Analysis Batch No.: 394312 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27644.D
Lims ID: 460-121167-A-11
Client ID: FB-20160929
Sample Type: Client
Inject. Date: 02-Oct-2016 19:51:30 ALS Bottle#: 31 Worklist Smp#: 38
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121167-A-11
Misc. Info.: 460-0046300-038
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 03-Oct-2016 07:14:44 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: moroneyc Date: 03-Oct-2016 07:07:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.462	3.450	0.012	99	253215	1000.0	
* 39 2-Butanone-d5	46	4.437	4.425	0.012	99	320030	250.0	
$ 53 Dibromofluoromethane (Surr	113	4.828	4.815	0.013	94	124756	50.6	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.096	0.006	99	168152	56.3	
* 64 Fluorobenzene	96	5.309	5.303	0.006	97	466080	50.0	
* 70 1,4-Dioxane-d8	96	5.846	5.846	0.000	96	21197	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.663	6.662	0.001	98	413642	51.9	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	91	279402	50.0	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	80	101470	45.4	
* 119 1,4-Dichlorobenzene-d4	152	9.187	9.180	0.007	98	152643	50.0	

Reagents:

8260ISNEW_00085 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00140 Amount Added: 1.00 Units: uL Run Reagent

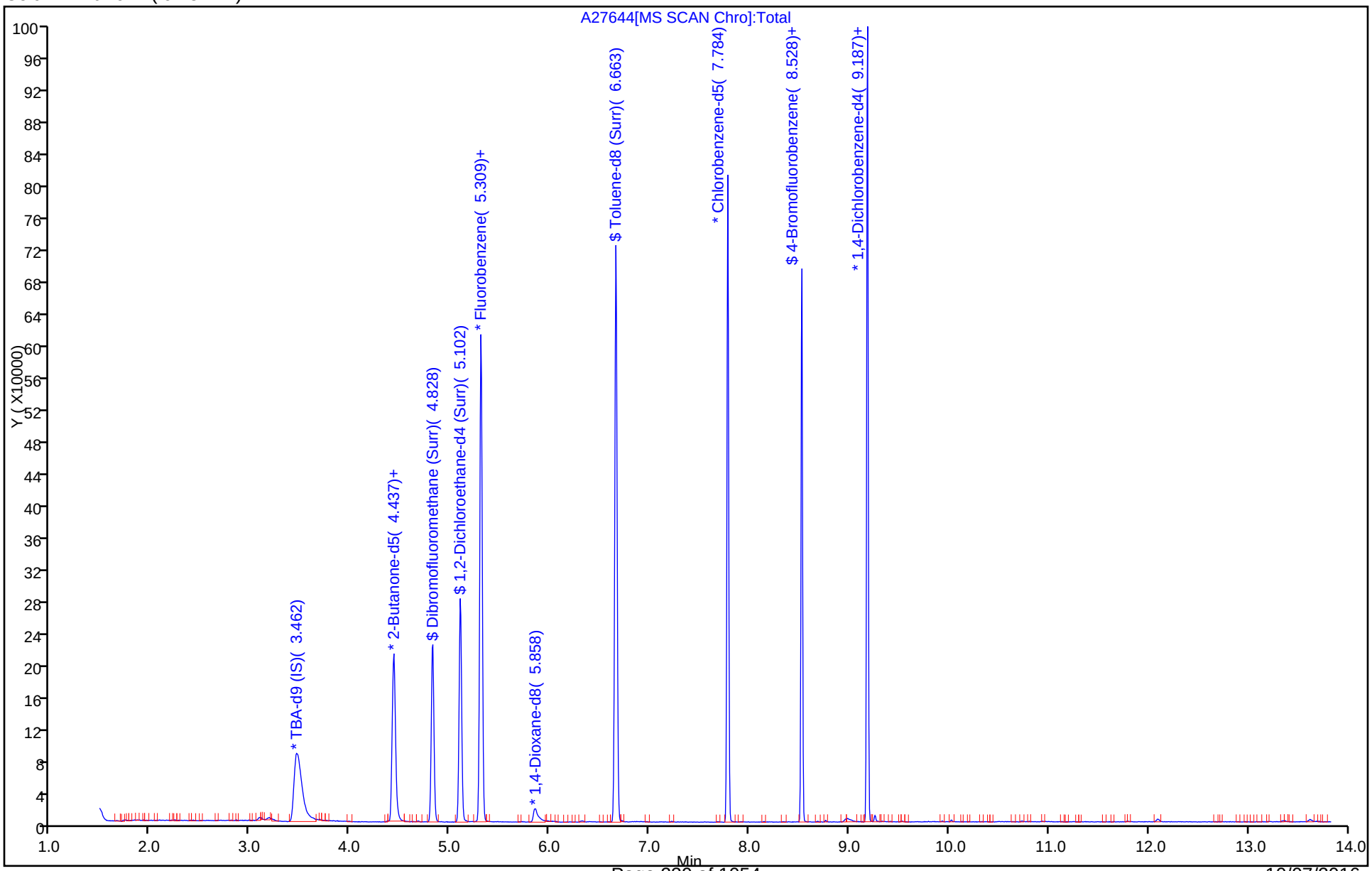
Report Date: 03-Oct-2016 07:16:20 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27644.D

Injection Date:	02-Oct-2016 19:51:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-121167-A-11	Lab Sample ID:	460-121167-11	Worklist Smp#:	38
Client ID:	FB-20160929				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	31
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-121167-12

Matrix: Water | Lab File ID: A27645.D

Analysis Method: 624 | Date Collected: 09/29/2016 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 20:13

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.22	U	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	0.27	U	1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	0.35	U	1.0	0.35
95-50-1	1,2-Dichlorobenzene	0.22	U	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.33	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-121167-12

Matrix: Water | Lab File ID: A27645.D

Analysis Method: 624 | Date Collected: 09/29/2016 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 20:13

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		48-130
2037-26-5	Toluene-d8 (Surr)	104		80-120
460-00-4	Bromofluorobenzene	91		71-131
1868-53-7	Dibromofluoromethane (Surr)	100		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-121167-12

Matrix: Water | Lab File ID: A27645.D

Analysis Method: 624 | Date Collected: 09/29/2016 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 20:13

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.: 394312 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27645.D
Lims ID: 460-121167-A-12
Client ID: Trip Blank
Sample Type: Client
Inject. Date: 02-Oct-2016 20:13:30 ALS Bottle#: 32 Worklist Smp#: 39
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121167-A-12
Misc. Info.: 460-0046300-039
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 03-Oct-2016 07:14:44 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: moroneyc Date: 03-Oct-2016 07:07:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.462	3.450	0.012	99	249123	1000.0	
* 39 2-Butanone-d5	46	4.431	4.425	0.006	99	309074	250.0	
$ 53 Dibromofluoromethane (Surr	113	4.821	4.815	0.006	95	121773	50.2	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.096	0.006	99	163264	55.5	
* 64 Fluorobenzene	96	5.309	5.303	0.006	97	458513	50.0	
* 70 1,4-Dioxane-d8	96	5.852	5.846	0.006	94	20479	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.662	6.662	0.000	98	408736	52.0	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	91	275139	50.0	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	82	99594	45.3	
* 119 1,4-Dichlorobenzene-d4	152	9.186	9.180	0.006	98	149781	50.0	

Reagents:

8260ISNEW_00085 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00140 Amount Added: 1.00 Units: uL Run Reagent

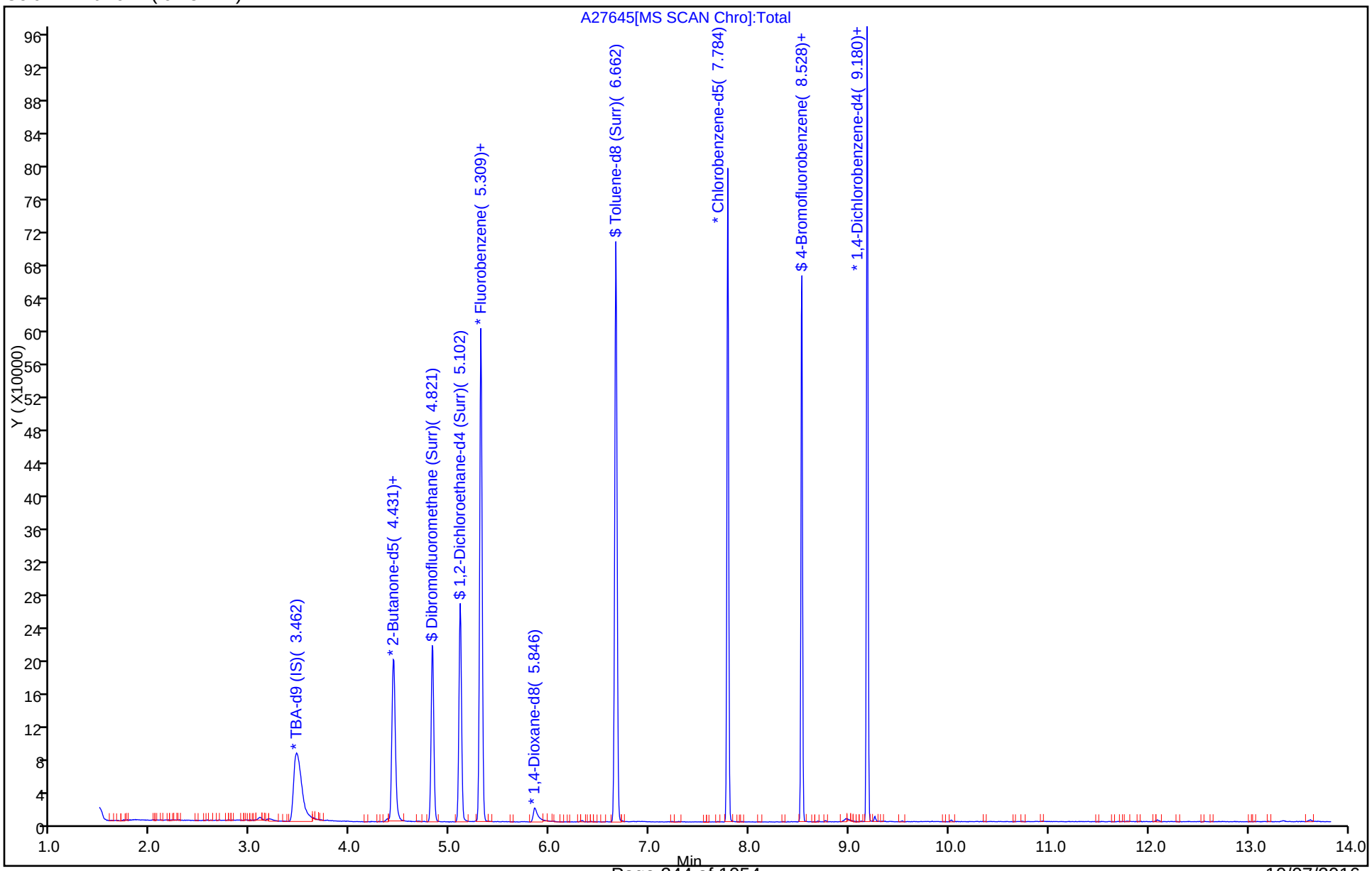
Report Date: 03-Oct-2016 07:16:23 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27645.D

Injection Date:	02-Oct-2016 20:13:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-121167-A-12	Lab Sample ID:	460-121167-12	Worklist Smp#:	39
Client ID:	Trip Blank				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	32
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

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.: 460-121167-1 Analy Batch No.: 389141

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/08/2016 02:02 Calibration End Date: 09/08/2016 04:26 Calibration ID: 57699

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-389141/2	A26266.D
Level 2	STD1 460-389141/3	A26267.D
Level 3	STD5 460-389141/4	A26268.D
Level 4	STD20 460-389141/5	A26269.D
Level 5	STD50 460-389141/6	A26270.D
Level 6	STD200 460-389141/7	A26271.D
Level 7	STD500 460-389141/8	A26272.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								
Dichlorodifluoromethane	+++++ 0.5021	0.4632 0.3185	0.4512	0.5786	0.4930	Ave		0.4678				18.3		35.0			
Chloromethane	+++++ 0.5282	0.6838 0.4522	0.6296	0.6374	0.5371	Ave		0.5780				15.0		35.0			
Vinyl chloride	+++++ 0.4848	0.6192 0.3856	0.5197	0.5686	0.4860	Ave		0.5106				15.7		35.0			
Bromomethane	+++++ 0.2606	0.3212 0.1969	0.3425	0.3282	0.2820	Ave		0.2886				18.8		35.0			
Ethyl Chloride	+++++ 0.2458	0.3532 0.1836	0.3114	0.3162	0.2669	Ave		0.2795				21.6		35.0			
Trichlorofluoromethane	+++++ 0.4367	0.5746 0.3024	0.4362	0.5116	0.4562	Ave		0.4529				20.1		35.0			
n-Pentane	+++++ 0.0585	0.0538 0.0480	0.0767	0.0676	0.0659	Ave		0.0618				16.8		35.0			
Ethyl ether	+++++ 0.2470	0.3562 0.2177	0.3225	0.2899	0.2784	Ave		0.2853				17.5		35.0			
Ethanol	+++++ 0.0586	0.0633 0.0547	0.0720	0.0528	0.0565	Ave		0.0596				11.8		35.0			
Isoprene	+++++ 0.2887	0.3276 0.2426	0.3803	0.3260	0.3176	Ave		0.3138				14.6		35.0			
Acrolein	+++++ 1.5874	2.7345 2.0605	1.8135	1.7047	1.7449	Ave		1.9409				21.6		35.0			
Freon TF	+++++ 0.2631	0.2475 0.2298	0.1836	0.2943	0.2785	Ave		0.2495				15.8		35.0			
1,1-Dichloroethene	+++++ 0.2690	0.3596 0.2375	0.3226	0.3198	0.2889	Ave		0.2996				14.5		35.0			
Acetone	+++++ 0.6244	1.2156 0.6105	1.0655	0.9147	0.6812	Ave		0.8520				29.7		35.0			

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.: 460-121167-1 Analy Batch No.: 389141

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/08/2016 02:02 Calibration End Date: 09/08/2016 04:26 Calibration ID: 57699

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								
Iodomethane	+++++ 0.4732	0.5973 0.4301	0.5725	0.5373	0.4852	Ave		0.5159				12.4		35.0			
Carbon disulfide	+++++ 1.1289	1.5053 1.0066	1.2839	1.2868	1.1631	Ave		1.2291				13.9		35.0			
Isopropanol	+++++ 0.6882	0.5019 0.7401	0.7786	0.7151	0.7321	Ave		0.6927				14.2		35.0			
Allyl chloride	+++++ 0.1879	0.2410 0.1723	0.2177	0.2113	0.1922	Ave		0.2037				12.0		35.0			
Methyl acetate	+++++ 0.2480	0.2977 0.2215	0.2920	0.2674	0.2651	Ave		0.2653				10.6		35.0			
Acetonitrile	+++++ 1.7922	2.6784 2.0435	1.9990	2.0527	1.9894	Ave		2.0925				14.4		35.0			
Methylene Chloride	+++++ 0.3229	0.4326 0.2984	0.3996	0.3656	0.3388	Ave		0.3596				13.9		35.0			
TBA	+++++ 1.0150	1.8613 1.0540	1.1249	0.9842	0.9900	Ave		1.1716				29.2		35.0			
MTBE	+++++ 0.8550	1.0260 0.7843	0.9910	0.9242	0.8766	Ave		0.9095				9.9		35.0			
trans-1,2-Dichloroethene	+++++ 0.2934	0.3783 0.2792	0.3402	0.3249	0.2958	Ave		0.3186				11.5		35.0			
Acrylonitrile	0.1325 0.1249	0.1495 0.1139	0.1444	0.1338	0.1308	Ave		0.1328				8.9		35.0			
Hexane	+++++ 0.3276	0.2659 0.2817	0.1924	0.3732	0.3581	Ave		0.2998				22.4		35.0			
DIPE	+++++ 1.1088	1.3289 1.0109	1.3339	1.2113	1.2093	Ave		1.2005				10.5		35.0			
1,1-Dichloroethane	+++++ 0.5751	0.7303 0.5324	0.6652	0.6307	0.5857	Ave		0.6199				11.5		35.0			
Vinyl acetate	+++++ 0.0561	0.0724 0.0550	0.0611	0.0522	0.0562	Ave		0.0588				12.3		35.0			
2,2-Dichloropropane	+++++ 0.0973	0.1304 0.0936	0.1112	0.1081	0.0989	Ave		0.1066				12.6		35.0			
cis-1,2-Dichloroethene	+++++ 0.3110	0.3843 0.3034	0.3495	0.3251	0.3092	Ave		0.3304				9.4		35.0			
2-Butanone	+++++ 0.2505	0.4046 0.2485	0.2669	0.2422	0.2319	Ave		0.2741				23.7		35.0			
Ethyl acetate	+++++ 0.2221	0.2524 0.2222	0.2096	0.2195	0.2206	Ave		0.2244				6.5		35.0			
Bromochloromethane	+++++ 0.1384	0.1771 0.1364	0.1546	0.1396	0.1355	Ave		0.1469				11.1		35.0			

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.: 460-121167-1 Analy Batch No.: 389141

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/08/2016 02:02 Calibration End Date: 09/08/2016 04:26 Calibration ID: 57699

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								
Tetrahydrofuran	+++++ 0.3001	0.4754 0.2783	0.3093	0.2846	0.2831	Ave		0.3218				23.7		35.0			
Chloroform	+++++ 0.5016	0.6215 0.4218	0.5565	0.5177	0.5002	Ave		0.5199				12.8		35.0			
Cyclohexane	+++++ 0.5894	0.4866 0.5131	0.3599	0.6351	0.5959	Ave		0.5300				18.9		35.0			
1,1,1-Trichloroethane	+++++ 0.4121	0.5285 0.3710	0.4134	0.4346	0.4044	Ave		0.4273				12.6		35.0			
Carbon tetrachloride	+++++ 0.3511	0.4160 0.3306	0.3045	0.3622	0.3446	Ave		0.3515				10.6		35.0			
1,1-Dichloropropene	+++++ 0.4057	0.4522 0.3771	0.3763	0.4049	0.3959	Ave		0.4020				6.9		35.0			
Benzene	+++++ 1.8280	2.1372 1.5438	2.0009	1.8754	1.7820	Ave		1.8612				10.9		35.0			
Isopropyl acetate	+++++ 0.9606	1.2097 0.7991	1.0870	0.9853	1.0295	Ave		1.0119				13.5		35.0			
1,2-Dichloroethane	+++++ 0.3573	0.5121 0.3052	0.3940	0.3645	0.3552	Ave		0.3814				18.4		35.0			
n-Heptane	+++++ 0.2906	0.1779 0.2451	0.1472	0.2985	0.2985	Ave		0.2430				27.2		35.0			
n-Butanol	+++++ 0.2847	0.2787 0.3307	0.2726	0.2423	0.2676	Ave		0.2794				10.4		35.0			
Trichloroethene	+++++ 0.2675	0.3138 0.2722	0.2656	0.2613	0.2501	Ave		0.2717				8.1		35.0			
Ethyl acrylate	+++++ 0.9229	0.6087 0.8719	0.6011	0.9320	0.9401	Ave		0.8128				20.0		35.0			
Methylcyclohexane	+++++ 0.5166	0.3623 0.4793	0.2879	0.5276	0.5116	Ave		0.4475				22.1		35.0			
1,2-Dichloropropane	+++++ 0.3028	0.4324 0.2921	0.3402	0.3013	0.2980	Ave		0.3278				16.5		35.0			
Methyl methacrylate	+++++ 0.0649	0.0729 0.0678	0.0617	0.0578	0.0630	Ave		0.0647				8.1		35.0			
Propyl acetate	+++++ 0.4170	0.4778 0.3941	0.4285	0.3967	0.4224	Ave		0.4228				7.2		35.0			
p-Dioxane	+++++ 0.9071	1.3232 0.6454	1.2117	1.0884	1.1112	Ave		1.0478				23.0		35.0			
Dibromomethane	+++++ 0.1656	0.1989 0.1636	0.1683	0.1560	0.1581	Ave		0.1684				9.3		35.0			
Bromodichloromethane	+++++ 0.3645	0.4331 0.3661	0.3588	0.3449	0.3415	Ave		0.3681				9.1		35.0			

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.: 460-121167-1 Analy Batch No.: 389141

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/08/2016 02:02 Calibration End Date: 09/08/2016 04:26 Calibration ID: 57699

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-Chloroethyl vinyl ether	+++++ 0.1662	0.2070 0.1781	0.1749	0.1569	0.1686	Ave		0.1753				9.8		35.0			
Epichlorohydrin	0.2867 0.2090	0.2429 0.2099	0.2067	0.1934	0.1989	Ave		0.2211				14.9		35.0			
cis-1,3-Dichloropropene	+++++ 0.6692	0.7570 0.6489	0.6764	0.6562	0.6437	Ave		0.6752				6.2		35.0			
4-Methyl-2-pentanone	+++++ 2.6165	2.8358 2.3897	2.5470	2.4683	2.4394	Ave		2.5494				6.3		35.0			
Toluene	+++++ 1.6931	1.9315 1.5968	1.7368	1.6853	1.6103	Ave		1.7090				7.1		35.0			
trans-1,3-Dichloropropene	+++++ 0.5682	0.6634 0.5567	0.5957	0.5536	0.5537	Ave		0.5819				7.4		35.0			
1,1,2-Trichloroethane	+++++ 0.2990	0.3558 0.2886	0.3314	0.3007	0.2851	Ave		0.3101				8.9		35.0			
Tetrachloroethene	+++++ 0.3613	0.3959 0.3612	0.3069	0.3325	0.3246	Ave		0.3471				9.2		35.0			
1,3-Dichloropropane	+++++ 0.5915	0.7108 0.5733	0.6074	0.5838	0.5741	Ave		0.6068				8.6		35.0			
2-Hexanone	+++++ 1.5262	1.8369 1.4530	1.5221	1.4534	1.4291	Ave		1.5368				9.9		35.0			
Butyl acetate	+++++ 0.1078	0.1279 0.1011	0.1275	0.1045	0.1105	Ave		0.1132				10.3		35.0			
Dibromochloromethane	+++++ 0.3772	0.3966 0.3750	0.3541	0.3491	0.3499	Ave		0.3670				5.2		35.0			
1,2-Dibromoethane	+++++ 0.3200	0.3421 0.3187	0.3296	0.2982	0.3047	Ave		0.3189				5.0		35.0			
Chlorobenzene	+++++ 1.0038	1.1017 0.9890	0.9951	0.9652	0.9340	Ave		0.9981				5.7		35.0			
Ethylbenzene	+++++ 0.5889	0.6200 0.5346	0.5478	0.5647	0.5453	Ave		0.5669				5.7		35.0			
1,1,1,2-Tetrachloroethane	+++++ 0.4153	0.4281 0.3496	0.4007	0.3917	0.3778	Ave		0.3939				7.1		35.0			
m-Xylene & p-Xylene	+++++ 0.7416	0.7940 0.6568	0.6762	0.7032	0.6849	Ave		0.7094				7.1		35.0			
n-Butyl acrylate	+++++ 0.3411	0.4299 0.3254	0.3945	0.3398	0.3543	Ave		0.3642				11.0		35.0			
o-Xylene	+++++ 0.7642	0.8016 0.6806	0.7330	0.7336	0.7026	Ave		0.7359				5.9		35.0			
Styrene	+++++ 1.2551	1.3294 1.0671	1.2053	1.1698	1.1512	Ave		1.1963				7.5		35.0			

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.: 460-121167-1 Analy Batch No.: 389141

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/08/2016 02:02 Calibration End Date: 09/08/2016 04:26 Calibration ID: 57699

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								
Amyl acetate	+++++ 1.5935	2.1902 1.7857	2.0261	1.6672	1.7149	Ave		1.8296				12.6		35.0			
Bromoform	+++++ 0.2457	0.3069 0.2388	0.2335	0.2194	0.2228	Ave		0.2445				13.1		35.0			
Isopropylbenzene	+++++ 2.0776	1.9913 1.7600	1.7906	1.9560	1.8955	Ave		1.9118				6.4		35.0			
Bromobenzene	+++++ 0.6864	0.7848 0.9042	0.7121	0.6631	0.6453	Ave		0.7326				13.3		35.0			
1,1,2,2-Tetrachloroethane	+++++ 0.8751	1.0611 1.0233	0.9458	0.8650	0.8604	Ave		0.9385				9.3		35.0			
N-Propylbenzene	+++++ 4.1546	4.6570 4.1830	3.9973	4.1203	3.9845	Ave		4.1828				5.9		35.0			
1,2,3-Trichloropropane	+++++ 0.2208	0.3105 0.2280	0.2312	0.2233	0.2223	Ave		0.2394				14.7		35.0			
2-Chlorotoluene	+++++ 2.7704	3.2001 2.5347	2.8911	2.8159	2.6980	Ave		2.8184				7.9		35.0			
1,3,5-Trimethylbenzene	+++++ 2.8733	3.0308 2.4230	2.6508	2.7604	2.7650	Ave		2.7506				7.5		35.0			
Butyl Methacrylate	+++++ 1.1237	1.2775 0.8838	1.2635	1.1146	1.1830	Ave		1.1410				12.6		35.0			
4-Chlorotoluene	+++++ 2.3666	2.8450 1.8624	2.5328	2.3755	2.3739	Ave		2.3927				13.3		35.0			
tert-Butylbenzene	+++++ 2.4408	2.3062 2.5195	1.9276	2.1709	2.1874	Ave		2.2587				9.4		35.0			
1,2,4-Trimethylbenzene	+++++ 2.9754	3.1356 2.6747	2.8733	2.8512	2.8406	Ave		2.8918				5.3		35.0			
sec-Butylbenzene	+++++ 3.8596	3.6036 3.6896	3.1119	3.6034	3.5826	Ave		3.5751				7.0		35.0			
p-Isopropyltoluene	+++++ 3.2496	2.9867 3.1203	2.7486	3.0240	3.0033	Ave		3.0221				5.5		35.0			
1,3-Dichlorobenzene	+++++ 1.5506	1.5682 1.3715	1.4872	1.4571	1.4660	Ave		1.4835				4.8		35.0			
1,4-Dichlorobenzene	+++++ 1.5714	1.6771 1.3009	1.5556	1.5237	1.5309	Ave		1.5266				8.1		35.0			
Benzyl chloride	+++++ 1.8212	2.0581 1.7210	2.1187	1.8219	1.9260	Ave		1.9112				8.0		35.0			
n-Butylbenzene	+++++ 1.7662	1.7531 1.1104	1.6806	1.8716	1.8951	Ave		1.6795				17.3		35.0			
1,2-Dichlorobenzene	+++++ 1.5384	1.5535 1.2894	1.4546	1.4602	1.4796	Ave		1.4626				6.4		35.0			

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.: 460-121167-1 Analy Batch No.: 389141

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/08/2016 02:02 Calibration End Date: 09/08/2016 04:26 Calibration ID: 57699

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dibromo-3-Chloropropane	+++++ 0.1491	0.1626 0.1678	0.1687	0.1543	0.1519	Ave		0.1591				5.3		35.0			
1,2,4-Trichlorobenzene	+++++ 0.8716	0.7524 1.0542	0.8240	0.8265	0.8148	Ave		0.8573				12.1		35.0			
Hexachlorobutadiene	+++++ 0.4305	0.3512 0.4882	0.3362	0.3957	0.4054	Ave		0.4012				13.7		35.0			
Naphthalene	+++++ 1.9763	1.6353 2.3987	1.8207	1.8062	1.8736	Ave		1.9185				13.6		35.0			
1,2,3-Trichlorobenzene	+++++ 0.6406	0.5184 0.7771	0.5768	0.6038	0.6122	Ave		0.6215				14.0		35.0			
Dibromofluoromethane (Surr)	0.2668 0.2604	0.2666 0.2507	0.2688	0.2698	0.2678	Ave		0.2644				2.6		35.0			
1,2-Dichloroethane-d4 (Surr)	0.3246 0.3219	0.3192 0.3034	0.3213	0.3263	0.3278	Ave		0.3206				2.5		35.0			
Toluene-d8 (Surr)	1.4669 1.4049	1.4119 1.3344	1.4653	1.4733	1.4361	Ave		1.4275				3.5		35.0			
Bromofluorobenzene	0.4124 0.3946	0.3982 0.4003	0.4036	0.3982	0.3896	Ave		0.3996				1.8		35.0			

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.: 460-121167-1 Analy Batch No.: 389141

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/08/2016 02:02 Calibration End Date: 09/08/2016 04:26 Calibration ID: 57699

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-389141/2	A26266.D
Level 2	STD1 460-389141/3	A26267.D
Level 3	STD5 460-389141/4	A26268.D
Level 4	STD20 460-389141/5	A26269.D
Level 5	STD50 460-389141/6	A26270.D
Level 6	STD200 460-389141/7	A26271.D
Level 7	STD500 460-389141/8	A26272.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
Dichlorodifluoromethane	FB	Ave	+++++ 1261875	5627 2235534	23882	122059	277170	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 1327582	8306 3173680	33327	134459	301924	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 1218439	7521 2706009	27513	119947	273197	+++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 654877	3902 1381482	18132	69240	158543	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl Chloride	FB	Ave	+++++ 617725	4290 1288568	16485	66693	150035	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 1097487	6980 2121979	23089	107920	256482	+++++ 200	1.00 500	5.00	20.0	50.0
n-Pentane	FB	Ave	+++++ 294026	1307 673942	8118	28515	74128	+++++ 400	2.00 1000	10.0	40.0	100
Ethyl ether	FB	Ave	+++++ 620733	4327 1527586	17074	61162	156530	+++++ 200	1.00 500	5.00	20.0	50.0
Ethanol	TBAd9	Ave	+++++ 152693	816 343154	4627	12769	34989	+++++ 8000	40.0 20000	200	800	2000
Isoprene	FB	Ave	+++++ 725480	3979 1702330	20130	68762	178546	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd9	Ave	+++++ 103478	3526 258534	11659	20624	53986	+++++ 200	4.00 400	20.0	40.0	100
Freon TF	FB	Ave	+++++ 661253	3007 1612496	9721	62077	156546	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	+++++ 676131	4368 1667018	17075	67460	162441	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 969846	9366 2704034	35574	120723	242917	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	+++++ 1189318	7255 3018521	30305	113335	272789	+++++ 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.: 460-121167-1 Analy Batch No.: 389141

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/08/2016 02:02 Calibration End Date: 09/08/2016 04:26 Calibration ID: 57699

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
Carbon disulfide	FB	Ave	+++++ 2837249	18285 7064195	67966	271449	653873	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropanol	TBAd9	Ave	+++++ 448624	1618 1160763	12514	43256	113250	+++++ 2000	10.0 5000	50.0	200	500
Allyl chloride	FB	Ave	+++++ 472325	2927 1209315	11523	44582	108024	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	+++++ 3116277	18083 7771700	77277	282064	745239	+++++ 1000	5.00 2500	25.0	100	250
Acetonitrile	TBAd9	Ave	+++++ 1168231	8634 3204972	32128	124172	307761	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 811410	5255 2093843	21155	77113	190450	+++++ 200	1.00 500	5.00	20.0	50.0
TBA	TBAd9	Ave	+++++ 661620	6000 1653131	18080	59533	153158	+++++ 2000	10.0 5000	50.0	200	500
MTBE	FB	Ave	+++++ 2148713	12463 5503891	52457	194958	492802	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 737429	4595 1959395	18009	68535	166321	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	3200 3137813	18166 7991061	76444	282349	735553	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	+++++ 823375	3230 1976772	10184	78725	201295	+++++ 200	1.00 500	5.00	20.0	50.0
DIPE	FB	Ave	+++++ 2786730	16142 7094234	70610	255511	679873	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 1445283	8871 3736206	35214	133048	329250	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	+++++ 282022	1759 772009	6464	22017	63181	+++++ 400	2.00 1000	10.0	40.0	100
2,2-Dichloropropane	FB	Ave	+++++ 244603	1584 657031	5884	22805	55588	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 781557	4668 2129369	18501	68575	173847	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone	BUT	Ave	+++++ 389035	3117 1100531	8911	31973	82709	+++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Ave	+++++ 137987	778 393733	2799	11589	31466	+++++ 400	2.00 1000	10.0	40.0	100
Bromochloromethane	FB	Ave	+++++ 347758	2151 957320	8185	29451	76185	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	+++++ 186432	1465 493143	4130	15024	40381	+++++ 400	2.00 1000	10.0	40.0	100
Chloroform	FB	Ave	+++++ 1260568	7549 2960341	29461	109209	281181	+++++ 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.: 460-121167-1 Analy Batch No.: 389141

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/08/2016 02:02 Calibration End Date: 09/08/2016 04:26 Calibration ID: 57699

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
Cyclohexane	FB	Ave	+++++ 1481247	5911 3600895	19053	133971	335010	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 1035624	6420 2603740	21882	91674	227369	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 882351	5053 2320449	16119	76402	193721	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 1019517	5493 2646728	19922	85403	222562	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZ d5	Ave	+++++ 2940782	16454 7594322	64032	240734	626058	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 2414124	14694 5608290	57540	207849	578757	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 898048	6220 2141873	20859	76895	199695	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 730216	2161 1719950	7793	62963	167818	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd 9	Ave	+++++ 464012	2246 1296619	10955	36635	103490	+++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	+++++ 672291	3812 1910524	14058	55111	140612	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 2319354	7394 6118707	31821	196597	528491	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 1298328	4401 3363374	15240	111293	287592	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 761069	5252 2049877	18010	63564	167558	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 326204	1772 952140	6531	24374	70808	+++++ 400	2.00 1000	10.0	40.0	100
Propyl acetate	FB	Ave	+++++ 1048115	5804 2765508	22684	83692	237445	+++++ 200	1.00 500	5.00	20.0	50.0
p-Dioxane	DXE	Ave	+++++ 135046	1617 348417	2953	11607	30221	+++++ 4000	50.0 10000	100	400	1000
Dibromomethane	FB	Ave	+++++ 416173	2416 1148389	8909	32915	88899	+++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	+++++ 916015	5261 2569038	18991	72754	191966	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 417756	2514 1250207	9258	33102	94804	+++++ 200	1.00 500	5.00	20.0	50.0
Epichlorohydrin	BUT	Ave	2186 1298715	7486 3718381	27607	102112	283788	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 1076624	5828 3191908	21647	84237	226139	+++++ 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.: 460-121167-1 Analy Batch No.: 389141

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/08/2016 02:02 Calibration End Date: 09/08/2016 04:26 Calibration ID: 57699

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
4-Methyl-2-pentanone	BUT	Ave	+++++ 4064004	21849 10585177	85036	325786	869921	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	+++++ 2723751	14870 7854908	55583	216337	565711	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 914084	5107 2738671	19065	71059	194530	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 481013	2739 1419432	10604	38599	100160	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	+++++ 581160	3048 1776981	9821	42683	114030	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 951564	5472 2820122	19437	74939	201708	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 2370569	14153 6436081	50819	191827	509640	+++++ 1000	5.00 2500	25.0	100	250
Butyl acetate	CBNZ d5	Ave	+++++ 173419	985 497332	4079	13415	38830	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromochloromethane	CBNZ d5	Ave	+++++ 606868	3053 1844482	11332	44819	122932	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromoethane	CBNZ d5	Ave	+++++ 514800	2634 1567752	10547	38284	107059	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	+++++ 1614783	8482 4865104	31844	123904	328138	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	+++++ 947312	4773 2629897	17531	72491	191587	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 668173	3296 1719750	12822	50280	132736	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 1192968	6113 3230691	21639	90266	240608	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	+++++ 548761	3310 1600890	12625	43615	124476	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	+++++ 1229343	6171 3347716	23459	94164	246850	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	+++++ 2019033	10235 5248943	38571	150158	404430	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate	DCBd 4	Ave	+++++ 1632583	9536 4104759	39367	133529	373136	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Ave	+++++ 395273	2363 1174469	7474	28163	78289	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 3342208	15331 8657505	57303	251081	665919	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	+++++ 703203	3417 2078414	13835	53111	140401	+++++ 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.: 460-121167-1 Analy Batch No.: 389141

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/08/2016 02:02 Calibration End Date: 09/08/2016 04:26 Calibration ID: 57699

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 896578	4620 2352274	18377	69281	187212	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	+++++ 4256592	20276 9615476	77665	330008	866975	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 226229	1352 524102	4493	17888	48377	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	+++++ 2838386	13933 5826454	56172	225532	587063	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 2943847	13196 5569803	51504	221089	601625	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Ave	+++++ 1151259	5562 2031500	24549	89272	257401	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	+++++ 2424714	12387 4280993	49212	190259	516523	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 2500678	10041 5791427	37452	173873	475946	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 3048421	13652 6148219	55826	228362	618082	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 3954387	15690 8481163	60463	288607	779539	+++++ 200	1.00 500	5.00	20.0	50.0
p-Isopropyltoluene	DCBd 4	Ave	+++++ 3329407	13004 7172607	53404	242201	653487	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 1588690	6828 3152715	28895	116707	318987	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 1610020	7302 2990407	30225	122042	333103	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	+++++ 1865890	8961 3956123	41166	145923	419085	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	+++++ 1809551	7633 2552452	32653	149900	412357	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 1576177	6764 2963958	28263	116956	321945	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 152728	708 385798	3277	12362	33059	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 893023	3276 2423329	16010	66198	177284	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 441047	1529 1122255	6533	31689	88202	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	+++++ 2024819	7120 5513896	35376	144666	407683	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 656292	2257 1786353	11207	48361	133214	+++++ 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.: 460-121167-1 Analy Batch No.: 389141

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/08/2016 02:02 Calibration End Date: 09/08/2016 04:26 Calibration ID: 57699

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dibromofluoromethane (Surr)	FB	Ave	161079 163623	161903 175918	142310	142290	150537	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	195975 202246	193883 212904	170055	172067	184257	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	538233 565007	543489 656394	468922	472817	504522	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Bromofluorobenzene	CBNZ d5	Ave	151317 158715	153282 196887	129169	127787	136870	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26266.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 08-Sep-2016 02:02:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0045311-002
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 09-Sep-2016 20:25:21 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: moroneyc Date: 08-Sep-2016 06:10:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.462	3.462	0.000	96	341711	1000.0	1000.0	
32 Acrylonitrile	53	3.712	3.706	0.006	95	3200	2.00	1.99	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	98	381254	250.0	250.0	
$ 53 Dibromofluoromethane (Surr	113	4.821	4.822	-0.001	95	161079	50.0	50.4	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	98	195975	50.0	50.6	
* 64 Fluorobenzene	96	5.309	5.309	0.000	98	603776	50.0	50.0	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	92	26373	1000.0	1000.0	
78 Epichlorohydrin	57	6.419	6.413	0.006	97	2186	5.00	6.48	
$ 81 Toluene-d8 (Surr)	98	6.663	6.663	0.000	98	538233	50.0	51.4	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	90	366924	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	88	151317	50.0	51.6	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	98	222564	50.0	50.0	

Reagents:

14DIOXINTER_00060	Amount Added:	0.00	Units: uL	
MIX I Hi_00062	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00047	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00025	Amount Added:	2.00	Units: uL	
ACROLEIN W_00055	Amount Added:	0.00	Units: uL	
GAS Hi_00164	Amount Added:	0.00	Units: uL	
8260ISNEW_00085	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00140	Amount Added:	1.00	Units: uL	Run Reagent

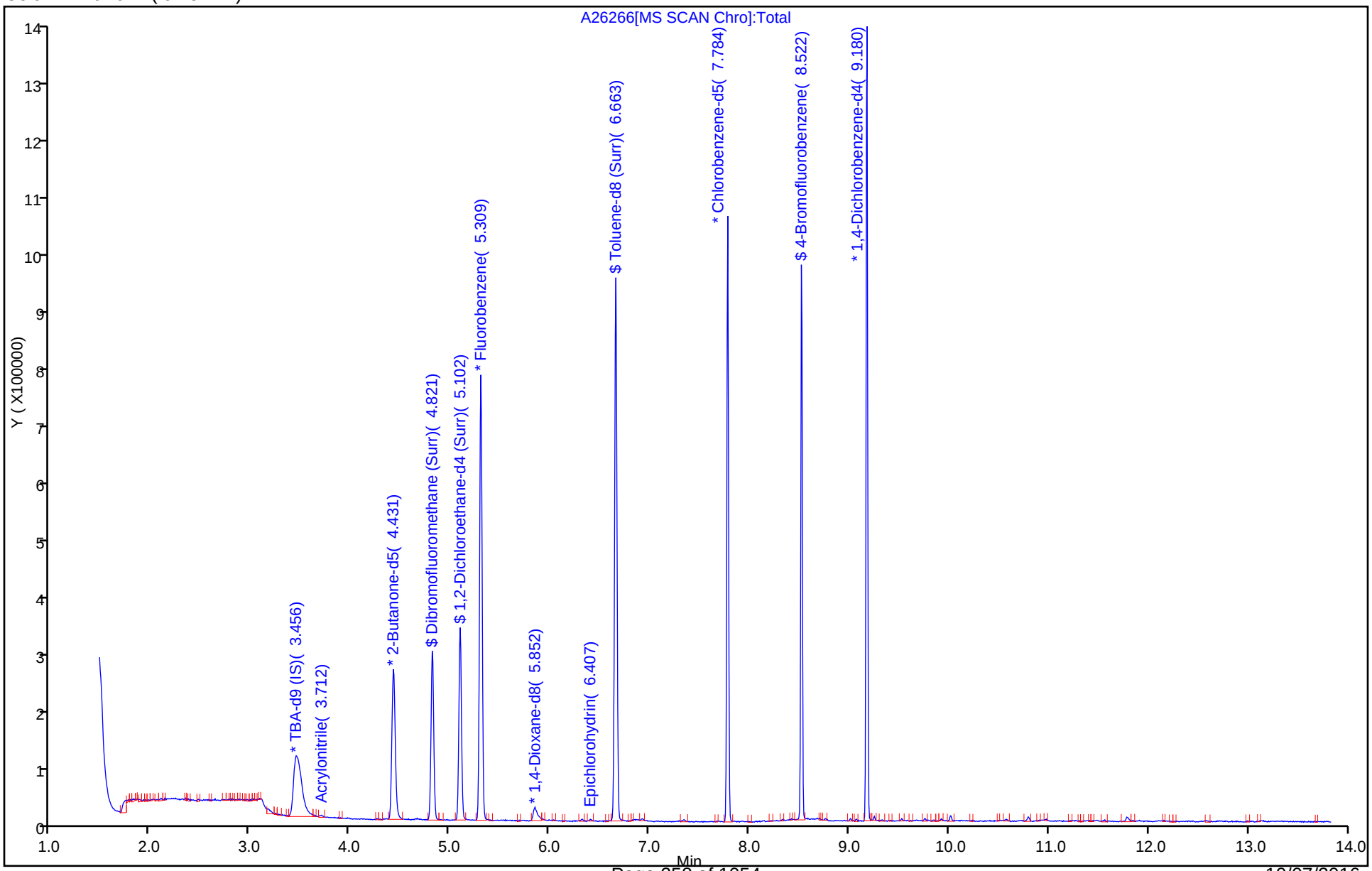
Report Date: 09-Sep-2016 20:25:24 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26266.D

Injection Date:	08-Sep-2016 02:02:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	STD7			Worklist Smp#:	2
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26267.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 08-Sep-2016 02:38:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0045311-003
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 09-Sep-2016 20:25:41 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: moroneyc Date: 08-Sep-2016 06:10:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.645	1.603	0.042	1	898	NC	NC	
3 Dichlorodifluoromethane	85	1.639	1.633	0.006	98	5627	1.00	0.99	
4 Chloromethane	50	1.816	1.810	0.006	99	8306	1.00	1.18	
5 Vinyl chloride	62	1.926	1.914	0.012	97	7521	1.00	1.21	
6 Butadiene	54	1.932	1.914	0.018	83	6690	NC	NC	
7 Bromomethane	94	2.243	2.231	0.012	96	3902	1.00	1.11	M
8 Chloroethane	64	2.322	2.316	0.006	97	4290	1.00	1.26	
9 Dichlorofluoromethane	67	2.535	2.523	0.012	97	9632	NC	NC	M
10 Trichlorofluoromethane	101	2.547	2.529	0.018	56	6980	1.00	1.27	
12 Pentane	72	2.560	2.548	0.012	95	1307	2.00	1.74	
14 Ethanol	46	2.785	2.755	0.030	70	816	40.0	42.4	
13 Ethyl ether	59	2.773	2.767	0.006	91	4327	1.00	1.25	M
15 2-Methyl-1,3-butadiene	53	2.791	2.779	0.012	94	3979	1.00	1.04	
16 1,2-Dichloro-1,1,2-trifluo	117	2.858	2.840	0.018	70	2893	NC	NC	M
11 Acrolein	56	2.962	2.956	0.006	80	3526	4.00	5.64	M
17 1,1,2-Trichloro-1,2,2-trif	101	2.999	2.974	0.025	57	3007	1.00	0.99	
18 1,1-Dichloroethene	96	2.992	2.980	0.012	97	4368	1.00	1.20	M
19 Acetone	43	3.102	3.090	0.012	85	9366	5.00	7.13	
20 Iodomethane	142	3.151	3.145	0.006	99	7255	1.00	1.16	
21 Carbon disulfide	76	3.181	3.176	0.005	99	18285	1.00	1.22	
22 Isopropyl alcohol	45	3.181	3.188	-0.007	53	1618	10.0	7.25	
23 3-Chloro-1-propene	76	3.322	3.316	0.006	91	2927	1.00	1.18	
25 Cyclopentene	67	3.346	3.334	0.012	71	12222	NC	NC	
24 Methyl acetate	43	3.346	3.334	0.012	99	18083	5.00	5.61	
26 Acetonitrile	41	3.407	3.401	0.006	17	8634	10.0	12.8	
27 Methylene Chloride	84	3.456	3.444	0.012	95	5255	1.00	1.20	
* 28 TBA-d9 (IS)	65	3.474	3.462	0.012	96	322362	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.535	3.529	0.006	91	6000	10.0	15.9	
30 Methyl tert-butyl ether	73	3.620	3.615	0.006	96	12463	1.00	1.13	
31 trans-1,2-Dichloroethene	96	3.633	3.627	0.006	97	4595	1.00	1.19	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.712	3.706	0.006	93	18166	10.0	11.3	
33 Hexane	43	3.791	3.773	0.018	95	3230	1.00	0.8869	
34 Isopropyl ether	45	3.986	3.974	0.012	91	16142	1.00	1.11	
35 1,1-Dichloroethane	63	4.004	4.005	-0.001	98	8871	1.00	1.18	
36 Vinyl acetate	86	4.023	4.017	0.006	100	1759	2.00	2.46	
37 2-Chloro-1,3-butadiene	88	4.047	4.041	0.006	92	3525	NC	NC	
38 Tert-butyl ethyl ether	59	4.260	4.261	-0.001	89	13426	NC	NC	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	99	385236	250.0	250.0	
40 2,2-Dichloropropane	97	4.456	4.456	0.000	41	1584	1.00	1.22	M
41 cis-1,2-Dichloroethene	96	4.468	4.462	0.006	91	4668	1.00	1.16	
42 2-Butanone (MEK)	72	4.480	4.480	0.000	95	3117	5.00	7.38	
43 Ethyl acetate	70	4.486	4.480	0.006	60	778	2.00	2.25	M
44 Methyl acrylate	55	4.523	4.523	0.000	49	3708	NC	NC	
45 Propionitrile	54	4.602	4.596	0.006	98	5493	NC	NC	
47 Chlorobromomethane	128	4.651	4.651	0.000	95	2151	1.00	1.21	
46 Tetrahydrofuran	72	4.663	4.657	0.006	57	1465	2.00	2.95	M
48 Methacrylonitrile	67	4.681	4.675	0.006	95	15856	NC	NC	
49 Chloroform	83	4.693	4.694	-0.001	97	7549	1.00	1.20	
50 Cyclohexane	56	4.809	4.803	0.006	31	5911	1.00	0.9181	
52 1,1,1-Trichloroethane	97	4.821	4.815	0.006	36	6420	1.00	1.24	
$ 53 Dibromofluoromethane (Surr	113	4.827	4.822	0.005	96	161903	50.0	50.4	
54 Carbon tetrachloride	117	4.913	4.913	0.000	97	5053	1.00	1.18	
55 1,1-Dichloropropene	75	4.931	4.931	0.000	92	5493	1.00	1.12	
56 Isobutyl alcohol	43	5.029	5.029	0.000	86	4232	NC	NC	
57 Isooctane	57	5.059	5.059	0.000	93	12498	NC	NC	
58 Benzene	78	5.096	5.090	0.006	96	16454	1.00	1.15	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	98	193883	50.0	49.8	
60 Isopropyl acetate	43	5.126	5.126	0.000	93	14694	1.00	1.20	
61 Tert-amyl methyl ether	73	5.132	5.133	0.000	68	13175	NC	NC	
62 1,2-Dichloroethane	62	5.163	5.157	0.006	91	6220	1.00	1.34	
63 n-Heptane	71	5.193	5.200	-0.007	94	2161	1.00	0.7322	
* 64 Fluorobenzene	96	5.309	5.309	0.000	97	607360	50.0	50.0	
65 n-Butanol	56	5.522	5.517	0.005	88	2246	25.0	24.9	
66 Trichloroethene	95	5.577	5.578	-0.001	95	3812	1.00	1.15	
67 Ethyl acrylate	55	5.663	5.669	-0.006	95	7394	1.00	0.7489	
68 Methylcyclohexane	83	5.675	5.681	-0.006	1	4401	1.00	0.8096	M
69 1,2-Dichloropropane	63	5.809	5.809	0.000	87	5252	1.00	1.32	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	92	24440	1000.0	1000.0	
71 Methyl methacrylate	100	5.858	5.852	0.006	93	1772	2.00	2.26	
73 1,4-Dioxane	88	5.900	5.888	0.012	31	1617	50.0	63.1	
72 n-Propyl acetate	43	5.894	5.895	-0.001	97	5804	1.00	1.13	
74 Dibromomethane	93	5.919	5.913	0.006	93	2416	1.00	1.18	
75 Dichlorobromomethane	83	6.035	6.029	0.006	98	5261	1.00	1.18	
76 2-Chloroethyl vinyl ether	63	6.303	6.309	-0.006	79	2514	1.00	1.18	
77 2-Nitropropane	41	6.327	6.321	0.006	82	2559	NC	NC	
78 Epichlorohydrin	57	6.413	6.413	-0.001	98	7486	20.0	22.0	
79 cis-1,3-Dichloropropene	75	6.461	6.455	0.006	92	5828	1.00	1.12	
80 4-Methyl-2-pentanone (MIBK	43	6.589	6.590	-0.001	98	21849	5.00	5.56	
$ 81 Toluene-d8 (Surr)	98	6.662	6.663	-0.001	98	543489	50.0	49.5	
82 Toluene	91	6.723	6.718	0.005	93	14870	1.00	1.13	
83 trans-1,3-Dichloropropene	75	6.955	6.955	0.000	95	5107	1.00	1.14	
84 Ethyl methacrylate	69	6.967	6.968	-0.001	93	5093	NC	NC	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.108	7.108	0.000	93	2739	1.00	1.15	
86 Tetrachloroethene	166	7.144	7.144	0.000	96	3048	1.00	1.14	
87 1,3-Dichloropropane	76	7.248	7.242	0.006	93	5472	1.00	1.17	
88 2-Hexanone	43	7.272	7.272	0.000	99	14153	5.00	5.98	
89 n-Butyl acetate	73	7.327	7.327	0.000	96	985	1.00	1.13	
90 Chlorodibromomethane	129	7.388	7.388	0.000	98	3053	1.00	1.08	
91 Ethylene Dibromide	107	7.485	7.486	-0.001	97	2634	1.00	1.07	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	90	384940	50.0	50.0	
93 Chlorobenzene	112	7.802	7.803	-0.001	95	8482	1.00	1.10	
94 Ethylbenzene	106	7.845	7.851	-0.006	99	4773	1.00	1.09	
95 1,1,1,2-Tetrachloroethane	131	7.863	7.858	0.005	94	3296	1.00	1.09	
96 m-Xylene & p-Xylene	106	7.931	7.925	0.005	99	6113	1.00	1.12	
97 n-Butyl acrylate	73	8.144	8.150	-0.006	94	3310	1.00	1.18	
98 o-Xylene	106	8.187	8.187	0.000	92	6171	1.00	1.09	
99 Styrene	104	8.199	8.199	0.000	94	10235	1.00	1.11	
100 Amyl acetate (mixed isomer	43	8.284	8.284	0.000	89	9536	1.00	1.20	
101 Bromoform	173	8.339	8.339	0.000	93	2363	1.00	1.26	
102 Isopropylbenzene	105	8.400	8.400	0.000	96	15331	1.00	1.04	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	87	153282	50.0	49.8	
104 Bromobenzene	156	8.619	8.614	0.005	95	3417	1.00	1.07	
105 1,1,2,2-Tetrachloroethane	83	8.619	8.620	-0.001	97	4620	1.00	1.13	
106 N-Propylbenzene	91	8.638	8.638	0.000	98	20276	1.00	1.11	
107 1,2,3-Trichloropropane	110	8.656	8.656	0.000	94	1352	1.00	1.30	
108 trans-1,4-Dichloro-2-buten	53	8.656	8.656	0.000	74	1564	NC	NC	
109 4-Ethyltoluene	105	8.705	8.705	0.000	97	15319	NC	NC	
110 2-Chlorotoluene	91	8.711	8.717	-0.006	96	13933	1.00	1.14	
111 1,3,5-Trimethylbenzene	105	8.741	8.742	-0.001	91	13196	1.00	1.10	
112 Butyl Methacrylate	87	8.778	8.778	0.000	93	5562	1.00	1.12	
113 4-Chlorotoluene	91	8.778	8.778	0.000	96	12387	1.00	1.19	
114 tert-Butylbenzene	119	8.918	8.918	0.000	93	10041	1.00	1.02	
115 1,2,4-Trimethylbenzene	105	8.955	8.955	0.000	98	13652	1.00	1.08	
116 sec-Butylbenzene	105	9.040	9.040	0.000	98	15690	1.00	1.01	
117 4-Isopropyltoluene	119	9.119	9.120	-0.001	97	13004	1.00	0.9883	
118 1,3-Dichlorobenzene	146	9.138	9.138	0.000	95	6828	1.00	1.06	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	98	217696	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.192	9.193	-0.001	91	7302	1.00	1.10	
121 Benzyl chloride	91	9.278	9.278	0.000	97	8961	1.00	1.08	
122 2,3-Dihydroindene	117	9.320	9.327	-0.007	92	15114	NC	NC	
123 p-Diethylbenzene	119	9.339	9.339	0.000	92	8901	NC	NC	
124 n-Butylbenzene	92	9.351	9.357	-0.006	97	7633	1.00	1.04	
125 1,2-Dichlorobenzene	146	9.424	9.418	0.006	94	6764	1.00	1.06	
126 1,2,4,5-Tetramethylbenzene	119	9.826	9.827	-0.001	96	12536	NC	NC	
127 1,2-Dibromo-3-Chloropropan	75	9.924	9.924	0.000	88	708	1.00	1.02	
128 1,3,5-Trichlorobenzene	180	10.022	10.022	0.000	92	3844	NC	NC	
129 1,2,4-Trichlorobenzene	180	10.503	10.503	0.000	92	3276	1.00	0.8777	
130 Hexachlorobutadiene	225	10.570	10.577	-0.007	87	1529	1.00	0.8753	
131 Naphthalene	128	10.729	10.729	0.000	97	7120	1.00	0.8524	
132 1,2,3-Trichlorobenzene	180	10.930	10.936	-0.006	93	2257	1.00	0.8341	
S 133 1,2-Dichloroethene, Total	100				0		2.00	2.35	
S 134 Xylenes, Total	100				0		2.00	2.21	
S 135 Total BTEX	1				0		5.00	5.58	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

14DIOXINTER_00060	Amount Added:	30.00	Units: uL	
MIX I Hi_00062	Amount Added:	1.00	Units: uL	
MIX 2 Hi_00047	Amount Added:	1.00	Units: uL	
ACROLEIN W_00055	Amount Added:	4.00	Units: uL	
GAS Hi_00164	Amount Added:	1.00	Units: uL	
8260ISNEW_00085	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00140	Amount Added:	1.00	Units: uL	Run Reagent

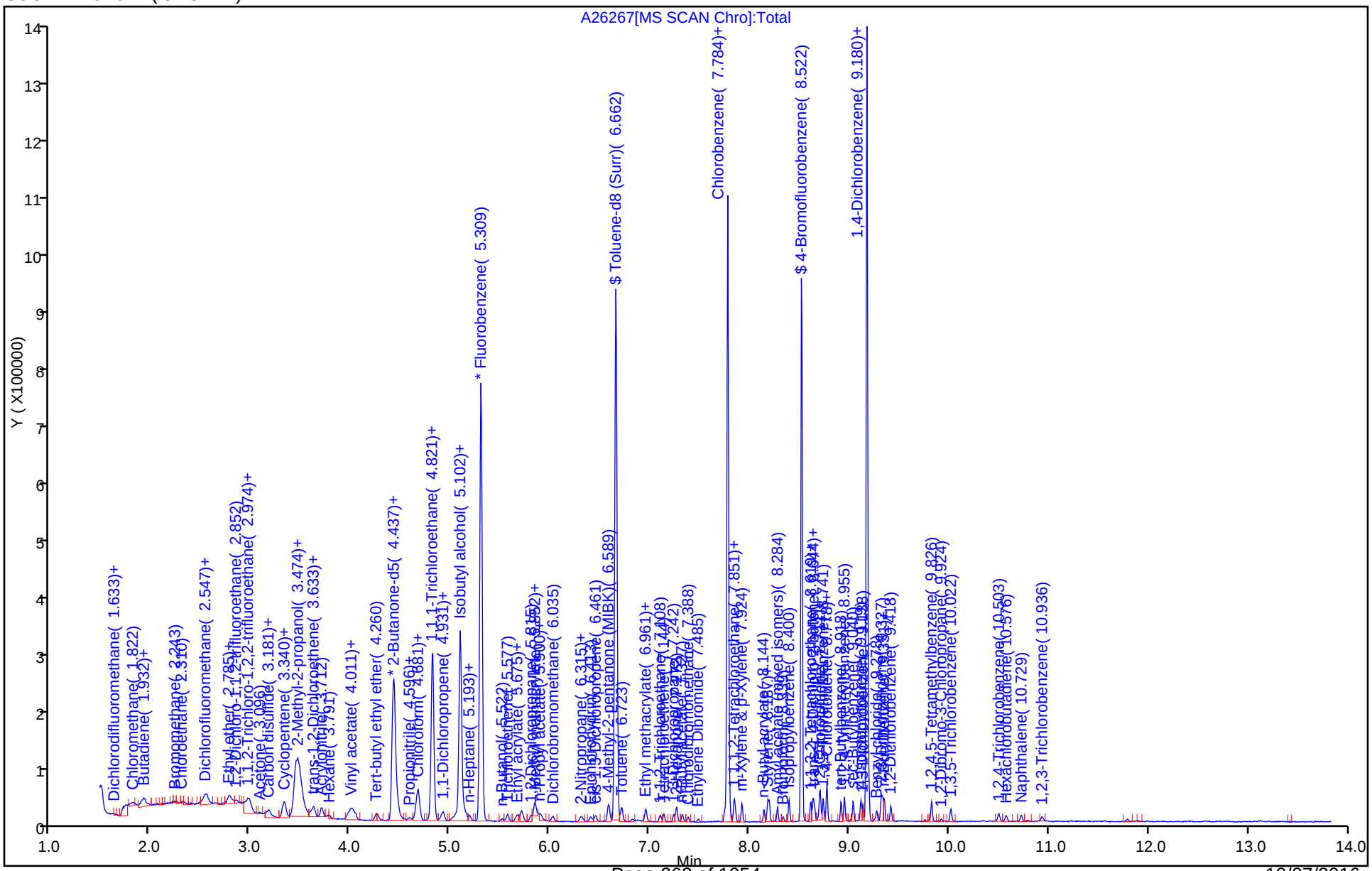
Report Date: 09-Sep-2016 20:25:41 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26267.D

Injection Date:	08-Sep-2016 02:38:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	STD1			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26268.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 08-Sep-2016 03:00:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0045311-004
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 09-Sep-2016 20:25:45 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: moroneyc Date: 08-Sep-2016 06:08:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.603	1.603	0.000	89	3037	NC	NC	
3 Dichlorodifluoromethane	85	1.633	1.633	0.000	99	23882	5.00	4.82	
4 Chloromethane	50	1.810	1.810	0.000	99	33327	5.00	5.45	
5 Vinyl chloride	62	1.920	1.914	0.006	98	27513	5.00	5.09	
6 Butadiene	54	1.926	1.914	0.012	78	23492	NC	NC	
7 Bromomethane	94	2.237	2.231	0.006	98	18132	5.00	5.93	
8 Chloroethane	64	2.316	2.316	0.000	100	16485	5.00	5.57	
9 Dichlorofluoromethane	67	2.529	2.523	0.006	99	42049	NC	NC	
10 Trichlorofluoromethane	101	2.529	2.529	0.000	54	23089	5.00	4.81	
12 Pentane	72	2.547	2.548	-0.001	97	8118	10.0	12.4	
14 Ethanol	46	2.761	2.755	0.006	81	4627	200.0	241.4	
13 Ethyl ether	59	2.767	2.767	0.000	91	17074	5.00	5.65	
15 2-Methyl-1,3-butadiene	53	2.785	2.779	0.006	96	20130	5.00	6.06	
16 1,2-Dichloro-1,1,2-trifluo	117	2.834	2.840	-0.006	70	12554	NC	NC	
11 Acrolein	56	2.956	2.956	0.000	96	11659	20.0	18.7	
17 1,1,2-Trichloro-1,2,2-trif	101	2.980	2.974	0.006	50	9721	5.00	3.68	
18 1,1-Dichloroethene	96	2.986	2.980	0.006	97	17075	5.00	5.38	
19 Acetone	43	3.096	3.090	0.006	86	35574	25.0	31.3	
20 Iodomethane	142	3.145	3.145	0.000	99	30305	5.00	5.55	
21 Carbon disulfide	76	3.181	3.176	0.005	99	67966	5.00	5.22	
22 Isopropyl alcohol	45	3.188	3.188	0.000	6	12514	50.0	56.2	
23 3-Chloro-1-propene	76	3.316	3.316	0.000	92	11523	5.00	5.34	
25 Cyclopentene	67	3.334	3.334	0.000	85	53337	NC	NC	
24 Methyl acetate	43	3.340	3.334	0.006	98	77277	25.0	27.5	
26 Acetonitrile	41	3.407	3.401	0.006	98	32128	50.0	47.8	
27 Methylene Chloride	84	3.444	3.444	0.000	97	21155	5.00	5.56	
* 28 TBA-d9 (IS)	65	3.456	3.462	-0.006	96	321447	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.517	3.529	-0.012	94	18080	50.0	48.0	
30 Methyl tert-butyl ether	73	3.620	3.615	0.006	97	52457	5.00	5.45	
31 trans-1,2-Dichloroethene	96	3.627	3.627	0.000	98	18009	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
32 Acrylonitrile	53	3.706	3.706	0.000	93	76444	50.0	54.4	
33 Hexane	43	3.779	3.773	0.006	95	10184	5.00	3.21	
34 Isopropyl ether	45	3.980	3.974	0.006	96	70610	5.00	5.56	
35 1,1-Dichloroethane	63	4.005	4.005	-0.001	99	35214	5.00	5.37	
36 Vinyl acetate	86	4.017	4.017	0.000	100	6464	10.0	10.4	
37 2-Chloro-1,3-butadiene	88	4.047	4.041	0.006	93	15684	NC	NC	
38 Tert-butyl ethyl ether	59	4.261	4.261	0.000	89	58324	NC	NC	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	98	333864	250.0	250.0	
40 2,2-Dichloropropane	97	4.456	4.456	0.000	2	5884	5.00	5.21	M
41 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	90	18501	5.00	5.29	
42 2-Butanone (MEK)	72	4.474	4.480	-0.006	95	8911	25.0	24.3	
43 Ethyl acetate	70	4.480	4.480	0.000	92	2799	10.0	9.34	
44 Methyl acrylate	55	4.523	4.523	0.000	57	13854	NC	NC	
45 Propionitrile	54	4.596	4.596	0.000	99	24857	NC	NC	
47 Chlorobromomethane	128	4.657	4.651	0.006	98	8185	5.00	5.26	
46 Tetrahydrofuran	72	4.657	4.657	0.000	61	4130	10.0	9.61	
48 Methacrylonitrile	67	4.675	4.675	0.000	95	65088	NC	NC	
49 Chloroform	83	4.693	4.694	-0.001	98	29461	5.00	5.35	
50 Cyclohexane	56	4.803	4.803	0.000	96	19053	5.00	3.40	
52 1,1,1-Trichloroethane	97	4.815	4.815	0.000	88	21882	5.00	4.84	
$ 53 Dibromofluoromethane (Surr	113	4.821	4.822	-0.001	95	142310	50.0	50.8	
54 Carbon tetrachloride	117	4.913	4.913	0.000	97	16119	5.00	4.33	
55 1,1-Dichloropropene	75	4.931	4.931	0.000	94	19922	5.00	4.68	
56 Isobutyl alcohol	43	5.035	5.029	0.006	87	17756	NC	NC	
57 Isooctane	57	5.059	5.059	0.000	98	65418	NC	NC	
58 Benzene	78	5.090	5.090	0.000	97	64032	5.00	5.38	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	98	170055	50.0	50.1	
60 Isopropyl acetate	43	5.126	5.126	0.000	95	57540	5.00	5.37	
61 Tert-amyl methyl ether	73	5.132	5.133	0.000	91	58126	NC	NC	
62 1,2-Dichloroethane	62	5.157	5.157	0.000	97	20859	5.00	5.17	
63 n-Heptane	71	5.205	5.200	0.005	96	7793	5.00	3.03	
* 64 Fluorobenzene	96	5.309	5.309	0.000	97	529352	50.0	50.0	
65 n-Butanol	56	5.516	5.517	-0.001	93	10955	125.0	122.0	
66 Trichloroethene	95	5.577	5.578	-0.001	94	14058	5.00	4.89	
67 Ethyl acrylate	55	5.663	5.669	-0.006	98	31821	5.00	3.70	
68 Methylcyclohexane	83	5.681	5.681	0.000	90	15240	5.00	3.22	
69 1,2-Dichloropropane	63	5.809	5.809	0.000	92	18010	5.00	5.19	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	48	24371	1000.0	1000.0	
71 Methyl methacrylate	100	5.852	5.852	0.000	93	6531	10.0	9.54	
73 1,4-Dioxane	88	5.907	5.888	0.019	38	2953	100.0	115.6	
72 n-Propyl acetate	43	5.894	5.895	-0.001	98	22684	5.00	5.07	
74 Dibromomethane	93	5.913	5.913	0.000	94	8909	5.00	5.00	
75 Dichlorobromomethane	83	6.029	6.029	-0.001	99	18991	5.00	4.87	
76 2-Chloroethyl vinyl ether	63	6.309	6.309	0.000	83	9258	5.00	4.99	
77 2-Nitropropane	41	6.315	6.321	-0.006	79	8514	NC	NC	
78 Epichlorohydrin	57	6.406	6.413	-0.007	99	27607	100.0	93.5	
79 cis-1,3-Dichloropropene	75	6.461	6.455	0.006	94	21647	5.00	5.01	
80 4-Methyl-2-pentanone (MIBK	43	6.589	6.590	-0.001	99	85036	25.0	25.0	
$ 81 Toluene-d8 (Surr)	98	6.663	6.663	0.000	98	468922	50.0	51.3	
82 Toluene	91	6.723	6.718	0.005	93	55583	5.00	5.08	
83 trans-1,3-Dichloropropene	75	6.955	6.955	0.000	94	19065	5.00	5.12	
84 Ethyl methacrylate	69	6.967	6.968	-0.001	90	17737	NC	NC	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.108	7.108	0.000	94	10604	5.00	5.34	
86 Tetrachloroethene	166	7.144	7.144	0.000	95	9821	5.00	4.42	
87 1,3-Dichloropropane	76	7.242	7.242	0.000	98	19437	5.00	5.00	
88 2-Hexanone	43	7.272	7.272	0.000	98	50819	25.0	24.8	
89 n-Butyl acetate	73	7.327	7.327	0.000	98	4079	5.00	5.63	
90 Chlorodibromomethane	129	7.388	7.388	0.000	97	11332	5.00	4.82	
91 Ethylene Dibromide	107	7.486	7.486	0.000	95	10547	5.00	5.17	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	90	320023	50.0	50.0	
93 Chlorobenzene	112	7.803	7.803	0.000	93	31844	5.00	4.98	
94 Ethylbenzene	106	7.851	7.851	0.000	100	17531	5.00	4.83	
95 1,1,1,2-Tetrachloroethane	131	7.857	7.858	-0.001	94	12822	5.00	5.09	
96 m-Xylene & p-Xylene	106	7.924	7.925	-0.001	98	21639	5.00	4.77	
97 n-Butyl acrylate	73	8.150	8.150	0.000	96	12625	5.00	5.42	
98 o-Xylene	106	8.187	8.187	0.000	92	23459	5.00	4.98	
99 Styrene	104	8.199	8.199	0.000	91	38571	5.00	5.04	
100 Amyl acetate (mixed isomer	43	8.284	8.284	0.000	88	39367	5.00	5.54	
101 Bromoform	173	8.339	8.339	0.000	92	7474	5.00	4.78	
102 Isopropylbenzene	105	8.400	8.400	0.000	97	57303	5.00	4.68	
$ 103 4-Bromofluorobenzene	174	8.522	8.528	-0.006	82	129169	50.0	50.5	
104 Bromobenzene	156	8.613	8.614	-0.001	96	13835	5.00	4.86	
105 1,1,2,2-Tetrachloroethane	83	8.613	8.620	-0.007	97	18377	5.00	5.04	
106 N-Propylbenzene	91	8.638	8.638	0.000	98	77665	5.00	4.78	
107 1,2,3-Trichloropropane	110	8.650	8.656	-0.006	92	4493	5.00	4.83	
108 trans-1,4-Dichloro-2-buten	53	8.656	8.656	0.000	73	5368	NC	NC	
109 4-Ethyltoluene	105	8.705	8.705	0.000	97	68913	NC	NC	
110 2-Chlorotoluene	91	8.711	8.717	-0.006	96	56172	5.00	5.13	
111 1,3,5-Trimethylbenzene	105	8.735	8.742	-0.007	93	51504	5.00	4.82	
112 Butyl Methacrylate	87	8.772	8.778	-0.006	95	24549	5.00	5.54	
113 4-Chlorotoluene	91	8.778	8.778	0.000	98	49212	5.00	5.29	
114 tert-Butylbenzene	119	8.918	8.918	0.000	93	37452	5.00	4.27	
115 1,2,4-Trimethylbenzene	105	8.949	8.955	-0.006	98	55826	5.00	4.97	
116 sec-Butylbenzene	105	9.034	9.040	-0.006	99	60463	5.00	4.35	
117 4-Isopropyltoluene	119	9.113	9.120	-0.007	97	53404	5.00	4.55	
118 1,3-Dichlorobenzene	146	9.132	9.138	-0.006	93	28895	5.00	5.01	
* 119 1,4-Dichlorobenzene-d4	152	9.174	9.180	-0.006	98	194295	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.186	9.193	-0.007	91	30225	5.00	5.09	
121 Benzyl chloride	91	9.272	9.278	-0.006	97	41166	5.00	5.54	
122 2,3-Dihydroindene	117	9.321	9.327	-0.006	93	68369	NC	NC	
123 p-Diethylbenzene	119	9.333	9.339	-0.006	91	41311	NC	NC	
124 n-Butylbenzene	92	9.351	9.357	-0.006	99	32653	5.00	5.00	
125 1,2-Dichlorobenzene	146	9.412	9.418	-0.006	93	28263	5.00	4.97	
126 1,2,4,5-Tetramethylbenzene	119	9.820	9.827	-0.007	96	61024	NC	NC	
127 1,2-Dibromo-3-Chloropropan	75	9.918	9.924	-0.006	90	3277	5.00	5.30	
128 1,3,5-Trichlorobenzene	180	10.016	10.022	-0.006	94	21478	NC	NC	
129 1,2,4-Trichlorobenzene	180	10.497	10.503	-0.006	93	16010	5.00	4.81	
130 Hexachlorobutadiene	225	10.564	10.577	-0.013	89	6533	5.00	4.19	
131 Naphthalene	128	10.717	10.729	-0.012	98	35376	5.00	4.75	
132 1,2,3-Trichlorobenzene	180	10.930	10.936	-0.006	94	11207	5.00	4.64	
S 133 1,2-Dichloroethene, Total	100				0		10.0	10.6	
S 134 Xylenes, Total	100				0		10.0	9.75	
S 135 Total BTEX	1				0		25.0	25.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00055	Amount Added:	4.00	Units: uL	
GAS Hi_00164	Amount Added:	1.00	Units: uL	
MIX 2 Hi_00047	Amount Added:	1.00	Units: uL	
MIX I Hi_00062	Amount Added:	1.00	Units: uL	
8260ISNEW_00085	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00140	Amount Added:	1.00	Units: uL	Run Reagent

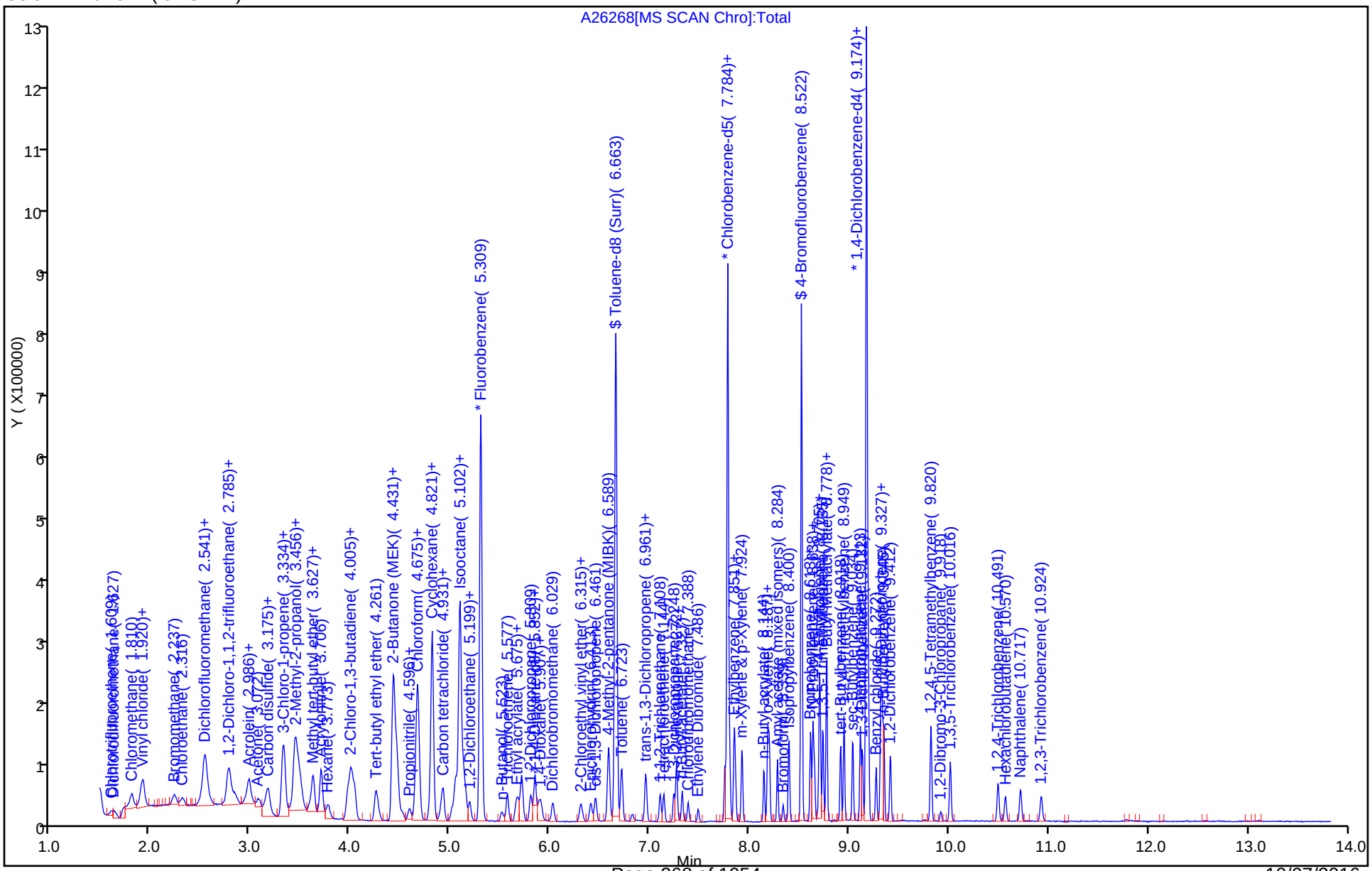
Report Date: 09-Sep-2016 20:25:45 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26268.D

Injection Date:	08-Sep-2016 03:00:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	STD5			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26269.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 08-Sep-2016 03:21:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0045311-005
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 09-Sep-2016 20:25:48 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: moroneyc Date: 08-Sep-2016 05:57:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.603	1.603	0.000	89	17286	NC	NC	
3 Dichlorodifluoromethane	85	1.633	1.633	0.000	99	122059	20.0	24.7	
4 Chloromethane	50	1.810	1.810	0.000	99	134459	20.0	22.1	
5 Vinyl chloride	62	1.914	1.914	0.000	98	119947	20.0	22.3	
6 Butadiene	54	1.914	1.914	0.000	86	111343	NC	NC	
7 Bromomethane	94	2.231	2.231	0.000	99	69240	20.0	22.7	
8 Chloroethane	64	2.316	2.316	0.000	100	66693	20.0	22.6	
9 Dichlorofluoromethane	67	2.523	2.523	0.000	98	157976	NC	NC	
10 Trichlorofluoromethane	101	2.529	2.529	0.000	53	107920	20.0	22.6	
12 Pentane	72	2.548	2.548	0.000	96	28515	40.0	43.8	
14 Ethanol	46	2.755	2.755	0.000	80	12769	800.0	707.9	
13 Ethyl ether	59	2.767	2.767	0.000	95	61162	20.0	20.3	
15 2-Methyl-1,3-butadiene	53	2.779	2.779	0.000	97	68762	20.0	20.8	
16 1,2-Dichloro-1,1,2-trifluo	117	2.840	2.840	0.000	96	54844	NC	NC	
11 Acrolein	56	2.956	2.956	0.000	94	20624	40.0	35.1	
17 1,1,2-Trichloro-1,2,2-trif	101	2.974	2.974	0.000	95	62077	20.0	23.6	
18 1,1-Dichloroethene	96	2.980	2.980	0.000	96	67460	20.0	21.3	
19 Acetone	43	3.090	3.090	0.000	87	120723	100.0	107.4	
20 Iodomethane	142	3.145	3.145	0.000	99	113335	20.0	20.8	
21 Carbon disulfide	76	3.176	3.176	0.000	100	271449	20.0	20.9	
22 Isopropyl alcohol	45	3.188	3.188	0.000	57	43256	200.0	206.5	
23 3-Chloro-1-propene	76	3.316	3.316	0.000	92	44582	20.0	20.7	
25 Cyclopentene	67	3.334	3.334	0.000	78	186878	NC	NC	
24 Methyl acetate	43	3.334	3.334	0.000	99	282064	100.0	100.8	
26 Acetonitrile	41	3.401	3.401	0.000	97	124172	200.0	196.2	
27 Methylene Chloride	84	3.444	3.444	0.000	98	77113	20.0	20.3	
* 28 TBA-d9 (IS)	65	3.462	3.462	0.000	98	302453	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.529	3.529	0.000	53	59533	200.0	168.0	M
30 Methyl tert-butyl ether	73	3.615	3.615	0.000	98	194958	20.0	20.3	
31 trans-1,2-Dichloroethene	96	3.627	3.627	0.000	99	68535	20.0	20.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.706	3.706	0.000	93	282349	200.0	201.5	
33 Hexane	43	3.773	3.773	0.000	94	78725	20.0	24.9	
34 Isopropyl ether	45	3.974	3.974	0.000	98	255511	20.0	20.2	
35 1,1-Dichloroethane	63	4.005	4.005	0.000	99	133048	20.0	20.3	
36 Vinyl acetate	86	4.017	4.017	0.000	100	22017	40.0	35.5	
37 2-Chloro-1,3-butadiene	88	4.041	4.041	0.000	92	57405	NC	NC	
38 Tert-butyl ethyl ether	59	4.261	4.261	0.000	87	211979	NC	NC	
* 39 2-Butanone-d5	46	4.431	4.431	0.000	99	329964	250.0	250.0	
40 2,2-Dichloropropane	97	4.456	4.456	0.000	97	22805	20.0	20.3	
41 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	92	68575	20.0	19.7	
42 2-Butanone (MEK)	72	4.480	4.480	0.000	95	31973	100.0	88.4	
43 Ethyl acetate	70	4.480	4.480	0.000	92	11589	40.0	39.1	
44 Methyl acrylate	55	4.523	4.523	0.000	57	49159	NC	NC	
45 Propionitrile	54	4.596	4.596	0.000	99	88009	NC	NC	
47 Chlorobromomethane	128	4.651	4.651	0.000	96	29451	20.0	19.0	
46 Tetrahydrofuran	72	4.657	4.657	0.000	61	15024	40.0	35.4	
48 Methacrylonitrile	67	4.675	4.675	0.000	95	236972	NC	NC	
49 Chloroform	83	4.694	4.694	0.000	98	109209	20.0	19.9	
50 Cyclohexane	56	4.803	4.803	0.000	96	133971	20.0	24.0	
52 1,1,1-Trichloroethane	97	4.815	4.815	0.000	98	91674	20.0	20.3	
$ 53 Dibromofluoromethane (Surr	113	4.822	4.822	0.000	95	142290	50.0	51.0	
54 Carbon tetrachloride	117	4.913	4.913	0.000	97	76402	20.0	20.6	
55 1,1-Dichloropropene	75	4.931	4.931	0.000	94	85403	20.0	20.1	
56 Isobutyl alcohol	43	5.029	5.029	0.000	92	74541	NC	NC	
57 Isooctane	57	5.059	5.059	0.000	96	239493	NC	NC	
58 Benzene	78	5.090	5.090	0.000	98	240734	20.0	20.2	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	98	172067	50.0	50.9	
60 Isopropyl acetate	43	5.126	5.126	0.000	95	207849	20.0	19.5	
61 Tert-amyl methyl ether	73	5.133	5.133	0.000	94	212618	NC	NC	
62 1,2-Dichloroethane	62	5.157	5.157	0.000	95	76895	20.0	19.1	
63 n-Heptane	71	5.200	5.200	0.000	96	62963	20.0	24.6	
* 64 Fluorobenzene	96	5.309	5.309	0.000	97	527366	50.0	50.0	
65 n-Butanol	56	5.517	5.517	0.000	92	36635	500.0	433.5	
66 Trichloroethene	95	5.578	5.578	0.000	95	55111	20.0	19.2	
67 Ethyl acrylate	55	5.669	5.669	0.000	98	196597	20.0	22.9	
68 Methylcyclohexane	83	5.681	5.681	0.000	95	111293	20.0	23.6	
69 1,2-Dichloropropane	63	5.809	5.809	0.000	93	63564	20.0	18.4	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	37	26661	1000.0	1000.0	
71 Methyl methacrylate	100	5.852	5.852	0.000	93	24374	40.0	35.7	
73 1,4-Dioxane	88	5.888	5.888	0.000	33	11607	400.0	415.5	
72 n-Propyl acetate	43	5.895	5.895	0.000	98	83692	20.0	18.8	
74 Dibromomethane	93	5.913	5.913	0.000	92	32915	20.0	18.5	
75 Dichlorobromomethane	83	6.029	6.029	0.000	98	72754	20.0	18.7	
76 2-Chloroethyl vinyl ether	63	6.309	6.309	0.000	96	33102	20.0	17.9	
77 2-Nitropropane	41	6.321	6.321	0.000	98	27843	NC	NC	
78 Epichlorohydrin	57	6.413	6.413	0.000	98	102112	400.0	349.9	
79 cis-1,3-Dichloropropene	75	6.455	6.455	0.000	94	84237	20.0	19.4	
80 4-Methyl-2-pentanone (MIBK	43	6.590	6.590	0.000	98	325786	100.0	96.8	
$ 81 Toluene-d8 (Surr)	98	6.663	6.663	0.000	98	472817	50.0	51.6	
82 Toluene	91	6.718	6.718	0.000	93	216337	20.0	19.7	
83 trans-1,3-Dichloropropene	75	6.955	6.955	0.000	93	71059	20.0	19.0	
84 Ethyl methacrylate	69	6.968	6.968	0.000	88	67164	NC	NC	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.108	7.108	0.000	95	38599	20.0	19.4	
86 Tetrachloroethene	166	7.144	7.144	0.000	94	42683	20.0	19.2	
87 1,3-Dichloropropane	76	7.242	7.242	0.000	97	74939	20.0	19.2	
88 2-Hexanone	43	7.272	7.272	0.000	98	191827	100.0	94.6	
89 n-Butyl acetate	73	7.327	7.327	0.000	98	13415	20.0	18.5	
90 Chlorodibromomethane	129	7.388	7.388	0.000	98	44819	20.0	19.0	
91 Ethylene Dibromide	107	7.486	7.486	0.000	100	38284	20.0	18.7	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	90	320916	50.0	50.0	
93 Chlorobenzene	112	7.803	7.803	0.000	91	123904	20.0	19.3	
94 Ethylbenzene	106	7.851	7.851	0.000	99	72491	20.0	19.9	
95 1,1,1,2-Tetrachloroethane	131	7.858	7.858	0.000	94	50280	20.0	19.9	
96 m-Xylene & p-Xylene	106	7.925	7.925	0.000	99	90266	20.0	19.8	
97 n-Butyl acrylate	73	8.150	8.150	0.000	96	43615	20.0	18.7	
98 o-Xylene	106	8.187	8.187	0.000	93	94164	20.0	19.9	
99 Styrene	104	8.199	8.199	0.000	92	150158	20.0	19.6	
100 Amyl acetate (mixed isomer	43	8.284	8.284	0.000	89	133529	20.0	18.2	
101 Bromoform	173	8.339	8.339	0.000	94	28163	20.0	17.9	
102 Isopropylbenzene	105	8.400	8.400	0.000	97	251081	20.0	20.5	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	86	127787	50.0	49.8	
104 Bromobenzene	156	8.614	8.614	0.000	93	53111	20.0	18.1	
105 1,1,2,2-Tetrachloroethane	83	8.620	8.620	0.000	99	69281	20.0	18.4	
106 N-Propylbenzene	91	8.638	8.638	0.000	98	330008	20.0	19.7	
107 1,2,3-Trichloropropane	110	8.656	8.656	0.000	93	17888	20.0	18.7	
108 trans-1,4-Dichloro-2-buten	53	8.656	8.656	0.000	77	19825	NC	NC	
109 4-Ethyltoluene	105	8.705	8.705	0.000	98	254802	NC	NC	
110 2-Chlorotoluene	91	8.717	8.717	0.000	97	225532	20.0	20.0	
111 1,3,5-Trimethylbenzene	105	8.742	8.742	0.000	92	221089	20.0	20.1	
112 Butyl Methacrylate	87	8.778	8.778	0.000	77	89272	20.0	19.5	
113 4-Chlorotoluene	91	8.778	8.778	0.000	96	190259	20.0	19.9	
114 tert-Butylbenzene	119	8.918	8.918	0.000	92	173873	20.0	19.2	
115 1,2,4-Trimethylbenzene	105	8.955	8.955	0.000	98	228362	20.0	19.7	
116 sec-Butylbenzene	105	9.040	9.040	0.000	99	288607	20.0	20.2	
117 4-Isopropyltoluene	119	9.120	9.120	0.000	97	242201	20.0	20.0	
118 1,3-Dichlorobenzene	146	9.138	9.138	0.000	94	116707	20.0	19.6	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	97	200233	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.193	9.193	0.000	91	122042	20.0	20.0	
121 Benzyl chloride	91	9.278	9.278	0.000	97	145923	20.0	19.1	
122 2,3-Dihydroindene	117	9.327	9.327	0.000	92	253574	NC	NC	
123 p-Diethylbenzene	119	9.339	9.339	0.000	91	155600	NC	NC	
124 n-Butylbenzene	92	9.357	9.357	0.000	98	149900	20.0	22.3	
125 1,2-Dichlorobenzene	146	9.418	9.418	0.000	93	116956	20.0	20.0	
126 1,2,4,5-Tetramethylbenzene	119	9.827	9.827	0.000	96	223333	NC	NC	
127 1,2-Dibromo-3-Chloropropan	75	9.924	9.924	0.000	94	12362	20.0	19.4	
128 1,3,5-Trichlorobenzene	180	10.022	10.022	0.000	95	79415	NC	NC	
129 1,2,4-Trichlorobenzene	180	10.503	10.503	0.000	94	66198	20.0	19.3	
130 Hexachlorobutadiene	225	10.577	10.577	0.000	90	31689	20.0	19.7	
131 Naphthalene	128	10.729	10.729	0.000	98	144666	20.0	18.8	
132 1,2,3-Trichlorobenzene	180	10.936	10.936	0.000	95	48361	20.0	19.4	
S 133 1,2-Dichloroethene, Total	100				0		40.0	40.1	
S 134 Xylenes, Total	100				0		40.0	39.8	
S 135 Total BTEX	1				0		100.0	99.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00055	Amount Added:	4.00	Units: uL	
GAS Hi_00164	Amount Added:	2.00	Units: uL	
MIX 2 Hi_00047	Amount Added:	2.00	Units: uL	
MIX I Hi_00062	Amount Added:	2.00	Units: uL	
8260ISNEW_00085	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00140	Amount Added:	1.00	Units: uL	Run Reagent

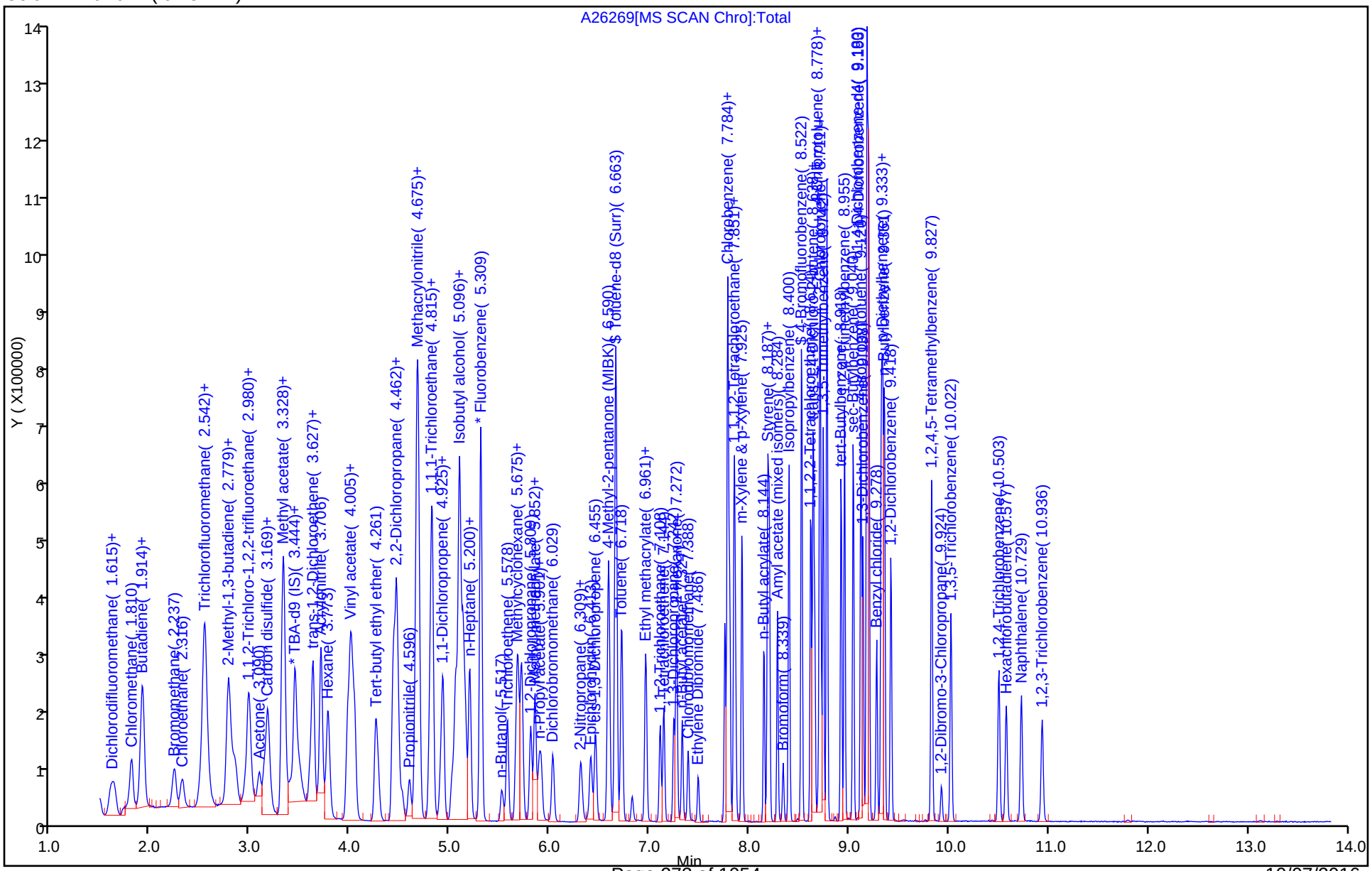
Report Date: 09-Sep-2016 20:25:49 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26269.D

Injection Date:	08-Sep-2016 03:21:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26270.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 08-Sep-2016 03:43:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0045311-006
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 09-Sep-2016 20:25:53 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: moroneyc Date: 08-Sep-2016 05:57:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.615	1.603	0.012	89	41523	NC	NC	
3 Dichlorodifluoromethane	85	1.645	1.633	0.012	100	277170	50.0	52.7	
4 Chloromethane	50	1.822	1.810	0.012	99	301924	50.0	46.5	
5 Vinyl chloride	62	1.932	1.914	0.018	98	273197	50.0	47.6	
6 Butadiene	54	1.932	1.914	0.018	98	259091	NC	NC	
7 Bromomethane	94	2.249	2.231	0.018	99	158543	50.0	48.9	
8 Chloroethane	64	2.328	2.316	0.012	100	150035	50.0	47.7	
9 Dichlorofluoromethane	67	2.535	2.523	0.012	99	354994	NC	NC	
10 Trichlorofluoromethane	101	2.541	2.529	0.012	58	256482	50.0	50.4	
12 Pentane	72	2.560	2.548	0.012	98	74128	100.0	106.8	
14 Ethanol	46	2.785	2.755	0.030	82	34989	2000.0	1896.2	
13 Ethyl ether	59	2.773	2.767	0.006	93	156530	50.0	48.8	
15 2-Methyl-1,3-butadiene	53	2.797	2.779	0.018	96	178546	50.0	50.6	
16 1,2-Dichloro-1,1,2-trifluo	117	2.852	2.840	0.012	97	132717	NC	NC	
11 Acrolein	56	2.962	2.956	0.006	95	53986	100.0	89.9	
17 1,1,2-Trichloro-1,2,2-trif	101	2.993	2.974	0.019	94	156546	50.0	55.8	
18 1,1-Dichloroethene	96	2.999	2.980	0.019	97	162441	50.0	48.2	
19 Acetone	43	3.096	3.090	0.006	87	242917	250.0	199.9	
20 Iodomethane	142	3.157	3.145	0.012	99	272789	50.0	47.0	
21 Carbon disulfide	76	3.182	3.176	0.006	100	653873	50.0	47.3	
22 Isopropyl alcohol	45	3.200	3.188	0.012	58	113250	500.0	528.4	
23 3-Chloro-1-propene	76	3.328	3.316	0.012	91	108024	50.0	47.2	
25 Cyclopentene	67	3.340	3.334	0.006	73	492762	NC	NC	
24 Methyl acetate	43	3.340	3.334	0.006	98	745239	250.0	249.8	
26 Acetonitrile	41	3.407	3.401	0.006	96	307761	500.0	475.4	
27 Methylene Chloride	84	3.456	3.444	0.012	98	190450	50.0	47.1	
* 28 TBA-d9 (IS)	65	3.468	3.462	0.006	95	309400	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.541	3.529	0.012	95	153158	500.0	422.5	
30 Methyl tert-butyl ether	73	3.620	3.615	0.006	98	492802	50.0	48.2	
31 trans-1,2-Dichloroethene	96	3.633	3.627	0.006	99	166321	50.0	46.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.712	3.706	0.006	93	735553	500.0	492.5	
33 Hexane	43	3.785	3.773	0.012	95	201295	50.0	59.7	
34 Isopropyl ether	45	3.986	3.974	0.012	96	679873	50.0	50.4	
35 1,1-Dichloroethane	63	4.011	4.005	0.006	99	329250	50.0	47.2	
36 Vinyl acetate	86	4.023	4.017	0.006	100	63181	100.0	95.5	
37 2-Chloro-1,3-butadiene	88	4.053	4.041	0.012	92	152618	NC	NC	
38 Tert-butyl ethyl ether	59	4.267	4.261	0.006	88	567874	NC	NC	
* 39 2-Butanone-d5	46	4.437	4.431	0.006	94	356619	250.0	250.0	
40 2,2-Dichloropropane	97	4.462	4.456	0.006	94	55588	50.0	46.4	
41 cis-1,2-Dichloroethene	96	4.468	4.462	0.006	91	173847	50.0	46.8	
42 2-Butanone (MEK)	72	4.486	4.480	0.006	95	82709	250.0	211.5	
43 Ethyl acetate	70	4.486	4.480	0.006	95	31466	100.0	98.3	
44 Methyl acrylate	55	4.529	4.523	0.006	57	147455	NC	NC	
45 Propionitrile	54	4.602	4.596	0.006	98	246956	NC	NC	
47 Chlorobromomethane	128	4.657	4.651	0.006	98	76185	50.0	46.1	
46 Tetrahydrofuran	72	4.663	4.657	0.006	65	40381	100.0	88.0	
48 Methacrylonitrile	67	4.681	4.675	0.006	95	677621	NC	NC	
49 Chloroform	83	4.700	4.694	0.006	98	281181	50.0	48.1	
50 Cyclohexane	56	4.809	4.803	0.006	96	335010	50.0	56.2	
52 1,1,1-Trichloroethane	97	4.821	4.815	0.006	98	227369	50.0	47.3	
$ 53 Dibromofluoromethane (Surr	113	4.828	4.822	0.006	95	150537	50.0	50.6	
54 Carbon tetrachloride	117	4.919	4.913	0.006	98	193721	50.0	49.0	
55 1,1-Dichloropropene	75	4.937	4.931	0.006	95	222562	50.0	49.2	
56 Isobutyl alcohol	43	5.029	5.029	0.000	94	176914	NC	NC	
57 Isooctane	57	5.065	5.059	0.006	98	631891	NC	NC	
58 Benzene	78	5.096	5.090	0.006	98	626058	50.0	47.9	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	95	184257	50.0	51.1	
60 Isopropyl acetate	43	5.132	5.126	0.006	96	578757	50.0	50.9	
61 Tert-amyl methyl ether	73	5.138	5.133	0.006	92	591221	NC	NC	
62 1,2-Dichloroethane	62	5.163	5.157	0.006	95	199695	50.0	46.6	
63 n-Heptane	71	5.199	5.200	-0.001	96	167818	50.0	61.4	
* 64 Fluorobenzene	96	5.315	5.309	0.006	97	562185	50.0	50.0	
65 n-Butanol	56	5.523	5.517	0.006	91	103490	1250.0	1197.0	
66 Trichloroethene	95	5.577	5.578	-0.001	95	140612	50.0	46.0	
67 Ethyl acrylate	55	5.669	5.669	0.000	98	528491	50.0	57.8	
68 Methylcyclohexane	83	5.681	5.681	0.000	93	287592	50.0	57.2	
69 1,2-Dichloropropane	63	5.815	5.809	0.006	93	167558	50.0	45.5	
* 70 1,4-Dioxane-d8	96	5.852	5.852	0.000	33	27197	1000.0	1000.0	
71 Methyl methacrylate	100	5.858	5.852	0.006	93	70808	100.0	97.4	
73 1,4-Dioxane	88	5.900	5.888	0.012	37	30221	1000.0	1060.5	
72 n-Propyl acetate	43	5.894	5.895	-0.001	98	237445	50.0	50.0	
74 Dibromomethane	93	5.919	5.913	0.006	93	88899	50.0	46.9	
75 Dichlorobromomethane	83	6.035	6.029	0.006	99	191966	50.0	46.4	
76 2-Chloroethyl vinyl ether	63	6.309	6.309	0.000	97	94804	50.0	48.1	
77 2-Nitropropane	41	6.321	6.321	0.000	98	78938	NC	NC	
78 Epichlorohydrin	57	6.413	6.413	0.000	100	283788	1000.0	899.9	
79 cis-1,3-Dichloropropene	75	6.461	6.455	0.006	94	226139	50.0	47.7	
80 4-Methyl-2-pentanone (MIBK	43	6.589	6.590	-0.001	98	869921	250.0	239.2	
$ 81 Toluene-d8 (Surr)	98	6.663	6.663	0.000	98	504522	50.0	50.3	
82 Toluene	91	6.724	6.718	0.006	93	565711	50.0	47.1	
83 trans-1,3-Dichloropropene	75	6.961	6.955	0.006	98	194530	50.0	47.6	
84 Ethyl methacrylate	69	6.967	6.968	-0.001	93	182660	NC	NC	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.108	7.108	0.000	96	100160	50.0	46.0	
86 Tetrachloroethene	166	7.144	7.144	0.000	94	114030	50.0	46.8	
87 1,3-Dichloropropane	76	7.248	7.242	0.006	96	201708	50.0	47.3	
88 2-Hexanone	43	7.272	7.272	0.000	99	509640	250.0	232.5	
89 n-Butyl acetate	73	7.327	7.327	0.000	98	38830	50.0	48.8	
90 Chlorodibromomethane	129	7.388	7.388	0.000	98	122932	50.0	47.7	
91 Ethylene Dibromide	107	7.492	7.486	0.006	98	107059	50.0	47.8	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	88	351316	50.0	50.0	
93 Chlorobenzene	112	7.803	7.803	0.000	90	328138	50.0	46.8	
94 Ethylbenzene	106	7.851	7.851	0.000	99	191587	50.0	48.1	
95 1,1,1,2-Tetrachloroethane	131	7.864	7.858	0.006	95	132736	50.0	48.0	
96 m-Xylene & p-Xylene	106	7.931	7.925	0.006	99	240608	50.0	48.3	
97 n-Butyl acrylate	73	8.150	8.150	0.000	96	124476	50.0	48.6	
98 o-Xylene	106	8.187	8.187	0.000	93	246850	50.0	47.7	
99 Styrene	104	8.205	8.199	0.006	93	404430	50.0	48.1	
100 Amyl acetate (mixed isomer	43	8.284	8.284	0.000	89	373136	50.0	46.9	
101 Bromoform	173	8.339	8.339	0.000	94	78289	50.0	45.6	
102 Isopropylbenzene	105	8.400	8.400	0.000	96	665919	50.0	49.6	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	87	136870	50.0	48.8	
104 Bromobenzene	156	8.613	8.614	-0.001	93	140401	50.0	44.0	
105 1,1,2,2-Tetrachloroethane	83	8.619	8.620	-0.001	99	187212	50.0	45.8	
106 N-Propylbenzene	91	8.638	8.638	0.000	98	866975	50.0	47.6	
107 1,2,3-Trichloropropane	110	8.656	8.656	0.000	94	48377	50.0	46.4	
108 trans-1,4-Dichloro-2-buten	53	8.656	8.656	0.000	74	53898	NC	NC	
109 4-Ethyltoluene	105	8.705	8.705	0.000	98	721811	NC	NC	
110 2-Chlorotoluene	91	8.711	8.717	-0.006	96	587063	50.0	47.9	
111 1,3,5-Trimethylbenzene	105	8.741	8.742	-0.001	92	601625	50.0	50.3	
112 Butyl Methacrylate	87	8.778	8.778	0.000	96	257401	50.0	51.8	
113 4-Chlorotoluene	91	8.778	8.778	0.000	99	516523	50.0	49.6	
114 tert-Butylbenzene	119	8.918	8.918	0.000	93	475946	50.0	48.4	
115 1,2,4-Trimethylbenzene	105	8.949	8.955	-0.006	98	618082	50.0	49.1	
116 sec-Butylbenzene	105	9.040	9.040	0.000	99	779539	50.0	50.1	
117 4-Isopropyltoluene	119	9.113	9.120	-0.007	97	653487	50.0	49.7	
118 1,3-Dichlorobenzene	146	9.138	9.138	0.000	95	318987	50.0	49.4	
* 119 1,4-Dichlorobenzene-d4	152	9.174	9.180	-0.006	96	217588	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.193	9.193	0.000	92	333103	50.0	50.1	
121 Benzyl chloride	91	9.272	9.278	-0.006	98	419085	50.0	50.4	
122 2,3-Dihydroindene	117	9.321	9.327	-0.006	94	720970	NC	NC	
123 p-Diethylbenzene	119	9.333	9.339	-0.006	92	449707	NC	NC	
124 n-Butylbenzene	92	9.351	9.357	-0.006	98	412357	50.0	56.4	
125 1,2-Dichlorobenzene	146	9.418	9.418	0.000	95	321945	50.0	50.6	
126 1,2,4,5-Tetramethylbenzene	119	9.820	9.827	-0.007	97	635671	NC	NC	
127 1,2-Dibromo-3-Chloropropan	75	9.918	9.924	-0.006	94	33059	50.0	47.8	
128 1,3,5-Trichlorobenzene	180	10.016	10.022	-0.006	95	224682	NC	NC	
129 1,2,4-Trichlorobenzene	180	10.497	10.503	-0.006	94	177284	50.0	47.5	
130 Hexachlorobutadiene	225	10.570	10.577	-0.007	91	88202	50.0	50.5	
131 Naphthalene	128	10.723	10.729	-0.006	98	407683	50.0	48.8	
132 1,2,3-Trichlorobenzene	180	10.930	10.936	-0.006	94	133214	50.0	49.3	
S 133 1,2-Dichloroethene, Total	100				0		100.0	93.2	
S 134 Xylenes, Total	100				0		100.0	96.0	
S 135 Total BTEX	1				0		250.0	239.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ACROLEIN W_00055	Amount Added:	10.00	Units: uL	
GAS Hi_00164	Amount Added:	5.00	Units: uL	
MIX 2 Hi_00047	Amount Added:	5.00	Units: uL	
MIX I Hi_00062	Amount Added:	5.00	Units: uL	
8260ISNEW_00085	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00140	Amount Added:	1.00	Units: uL	Run Reagent

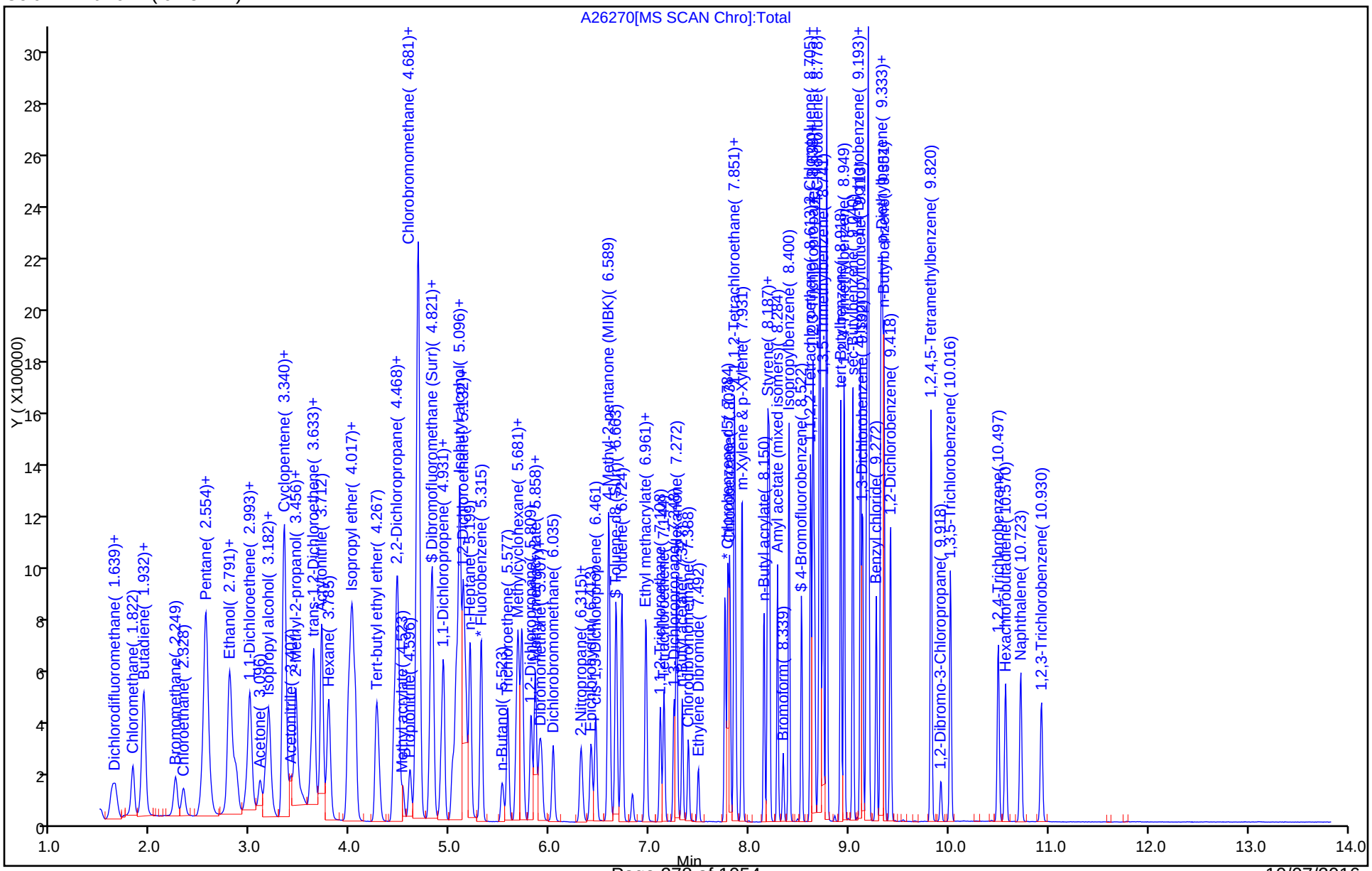
Report Date: 09-Sep-2016 20:25:53 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26270.D

Injection Date:	08-Sep-2016 03:43:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	STD50			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26271.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 08-Sep-2016 04:04:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0045311-007
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 09-Sep-2016 20:25:56 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: moroneyc Date: 08-Sep-2016 06:02:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.602	1.603	-0.001	89	173760	NC	NC	
3 Dichlorodifluoromethane	85	1.633	1.633	0.000	99	1261875	200.0	214.7	
4 Chloromethane	50	1.816	1.810	0.006	100	1327582	200.0	182.8	
5 Vinyl chloride	62	1.919	1.914	0.005	98	1218439	200.0	189.9	
6 Butadiene	54	1.925	1.914	0.011	96	1145762	NC	NC	
7 Bromomethane	94	2.242	2.231	0.011	100	654877	200.0	180.6	
8 Chloroethane	64	2.322	2.316	0.006	100	617725	200.0	175.9	
9 Dichlorofluoromethane	67	2.529	2.523	0.006	99	1522129	NC	NC	
10 Trichlorofluoromethane	101	2.535	2.529	0.006	99	1097487	200.0	192.8	
12 Pentane	72	2.547	2.548	-0.001	96	294026	400.0	378.9	
14 Ethanol	46	2.767	2.755	0.012	80	152693	8000.0	7855.5	
13 Ethyl ether	59	2.761	2.767	-0.006	94	620733	200.0	173.1	
15 2-Methyl-1,3-butadiene	53	2.785	2.779	0.006	97	725480	200.0	184.0	
16 1,2-Dichloro-1,1,2-trifluo	117	2.846	2.840	0.006	96	553816	NC	NC	
11 Acrolein	56	2.956	2.956	0.000	94	103478	200.0	163.6	
17 1,1,2-Trichloro-1,2,2-trif	101	2.974	2.974	0.000	95	661253	200.0	210.9	
18 1,1-Dichloroethene	96	2.986	2.980	0.006	97	676131	200.0	179.6	
19 Acetone	43	3.084	3.090	-0.006	87	969846	1000.0	732.9	
20 Iodomethane	142	3.145	3.145	0.000	98	1189318	200.0	183.4	
21 Carbon disulfide	76	3.175	3.176	-0.001	99	2837249	200.0	183.7	
22 Isopropyl alcohol	45	3.187	3.188	-0.001	57	448624	2000.0	1987.2	
23 3-Chloro-1-propene	76	3.315	3.316	-0.001	92	472325	200.0	184.5	
25 Cyclopentene	67	3.334	3.334	0.000	89	2100049	NC	NC	
24 Methyl acetate	43	3.334	3.334	0.000	99	3116277	1000.0	934.8	
26 Acetonitrile	41	3.395	3.401	-0.006	96	1168231	2000.0	1712.9	
27 Methylene Chloride	84	3.450	3.444	0.006	98	811410	200.0	179.5	
* 28 TBA-d9 (IS)	65	3.474	3.462	0.012	19	325925	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.541	3.529	0.012	92	661620	2000.0	1732.7	
30 Methyl tert-butyl ether	73	3.614	3.615	0.000	98	2148713	200.0	188.0	
31 trans-1,2-Dichloroethene	96	3.626	3.627	-0.001	99	737429	200.0	184.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.706	3.706	0.000	93	3137813	2000.0	1879.8	
33 Hexane	43	3.779	3.773	0.006	95	823375	200.0	218.6	
34 Isopropyl ether	45	3.980	3.974	0.006	97	2786730	200.0	184.7	
35 1,1-Dichloroethane	63	4.004	4.005	-0.001	99	1445283	200.0	185.5	
36 Vinyl acetate	86	4.023	4.017	0.006	100	282022	400.0	381.5	
37 2-Chloro-1,3-butadiene	88	4.047	4.041	0.006	92	670245	NC	NC	
38 Tert-butyl ethyl ether	59	4.266	4.261	0.005	88	2359512	NC	NC	
* 39 2-Butanone-d5	46	4.437	4.431	0.006	96	388307	250.0	250.0	
40 2,2-Dichloropropane	97	4.455	4.456	-0.001	94	244603	200.0	182.6	
41 cis-1,2-Dichloroethene	96	4.462	4.462	0.000	92	781557	200.0	188.2	
42 2-Butanone (MEK)	72	4.480	4.480	0.000	95	389035	1000.0	913.8	
43 Ethyl acetate	70	4.480	4.480	0.000	94	137987	400.0	395.9	
44 Methyl acrylate	55	4.523	4.523	0.000	98	638034	NC	NC	
45 Propionitrile	54	4.596	4.596	0.000	99	1040337	NC	NC	
47 Chlorobromomethane	128	4.657	4.651	0.006	98	347758	200.0	188.3	
46 Tetrahydrofuran	72	4.651	4.657	-0.006	66	186432	400.0	373.0	
48 Methacrylonitrile	67	4.681	4.675	0.006	95	2994276	NC	NC	
49 Chloroform	83	4.693	4.694	-0.001	99	1260568	200.0	193.0	
50 Cyclohexane	56	4.809	4.803	0.006	95	1481247	200.0	222.4	
52 1,1,1-Trichloroethane	97	4.821	4.815	0.006	98	1035624	200.0	192.9	
$ 53 Dibromofluoromethane (Surr	113	4.821	4.822	-0.001	44	163623	50.0	49.2	
54 Carbon tetrachloride	117	4.913	4.913	0.000	98	882351	200.0	199.8	
55 1,1-Dichloropropene	75	4.931	4.931	0.000	96	1019517	200.0	201.8	
56 Isobutyl alcohol	43	5.029	5.029	0.000	94	889375	NC	NC	
57 Isooctane	57	5.065	5.059	0.006	97	2726728	NC	NC	
58 Benzene	78	5.096	5.090	0.006	98	2940782	200.0	196.4	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.102	0.000	95	202246	50.0	50.2	
60 Isopropyl acetate	43	5.126	5.126	0.000	96	2414124	200.0	189.9	
61 Tert-amyl methyl ether	73	5.138	5.133	0.006	94	2549502	NC	NC	
62 1,2-Dichloroethane	62	5.163	5.157	0.006	96	898048	200.0	187.4	
63 n-Heptane	71	5.199	5.200	-0.001	94	730216	200.0	239.2	
* 64 Fluorobenzene	96	5.309	5.309	0.000	97	628303	50.0	50.0	
65 n-Butanol	56	5.522	5.517	0.005	90	464012	5000.0	5094.9	
66 Trichloroethene	95	5.577	5.578	-0.001	97	672291	200.0	196.9	
67 Ethyl acrylate	55	5.669	5.669	0.000	98	2319354	200.0	227.1	
68 Methylcyclohexane	83	5.681	5.681	0.000	93	1298328	200.0	230.9	
69 1,2-Dichloropropane	63	5.809	5.809	0.000	94	761069	200.0	184.8	
* 70 1,4-Dioxane-d8	96	5.858	5.852	0.006	34	37221	1000.0	1000.0	
71 Methyl methacrylate	100	5.858	5.852	0.006	92	326204	400.0	401.3	
73 1,4-Dioxane	88	5.900	5.888	0.012	57	135046	4000.0	3462.6	
72 n-Propyl acetate	43	5.894	5.895	-0.001	99	1048115	200.0	197.3	
74 Dibromomethane	93	5.919	5.913	0.006	95	416173	200.0	196.6	
75 Dichlorobromomethane	83	6.034	6.029	0.005	99	916015	200.0	198.0	
76 2-Chloroethyl vinyl ether	63	6.309	6.309	0.000	98	417756	200.0	189.6	
77 2-Nitropropane	41	6.321	6.321	0.000	97	337958	NC	NC	
78 Epichlorohydrin	57	6.412	6.413	-0.001	99	1298715	4000.0	3782.1	
79 cis-1,3-Dichloropropene	75	6.461	6.455	0.006	94	1076624	200.0	198.2	
80 4-Methyl-2-pentanone (MIBK	43	6.589	6.590	-0.001	98	4064004	1000.0	1026.3	
$ 81 Toluene-d8 (Surr)	98	6.662	6.663	-0.001	99	565007	50.0	49.2	
82 Toluene	91	6.723	6.718	0.005	93	2723751	200.0	198.1	
83 trans-1,3-Dichloropropene	75	6.961	6.955	0.006	98	914084	200.0	195.3	
84 Ethyl methacrylate	69	6.967	6.968	-0.001	89	849886	NC	NC	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.107	7.108	-0.001	97	481013	200.0	192.9	
86 Tetrachloroethene	166	7.144	7.144	0.000	96	581160	200.0	208.2	
87 1,3-Dichloropropane	76	7.248	7.242	0.006	97	951564	200.0	195.0	
88 2-Hexanone	43	7.272	7.272	0.000	98	2370569	1000.0	993.1	
89 n-Butyl acetate	73	7.327	7.327	0.000	98	173419	200.0	190.4	
90 Chlorodibromomethane	129	7.388	7.388	0.000	98	606868	200.0	205.6	
91 Ethylene Dibromide	107	7.491	7.486	0.005	98	514800	200.0	200.7	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	85	402179	50.0	50.0	
93 Chlorobenzene	112	7.802	7.803	-0.001	92	1614783	200.0	201.1	
94 Ethylbenzene	106	7.851	7.851	0.000	99	947312	200.0	207.8	
95 1,1,1,2-Tetrachloroethane	131	7.863	7.858	0.005	96	668173	200.0	210.9	
96 m-Xylene & p-Xylene	106	7.930	7.925	0.005	99	1192968	200.0	209.1	
97 n-Butyl acrylate	73	8.150	8.150	0.000	96	548761	200.0	187.3	
98 o-Xylene	106	8.186	8.187	-0.001	93	1229343	200.0	207.7	
99 Styrene	104	8.205	8.199	0.006	94	2019033	200.0	209.8	
100 Amyl acetate (mixed isomer	43	8.284	8.284	0.000	89	1632583	200.0	174.2	
101 Bromoform	173	8.339	8.339	0.000	95	395273	200.0	201.0	
102 Isopropylbenzene	105	8.400	8.400	0.000	96	3342208	200.0	217.3	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	88	158715	50.0	49.4	
104 Bromobenzene	156	8.613	8.614	-0.001	95	703203	200.0	187.4	
105 1,1,2,2-Tetrachloroethane	83	8.619	8.620	-0.001	99	896578	200.0	186.5	
106 N-Propylbenzene	91	8.638	8.638	0.000	98	4256592	200.0	198.7	
107 1,2,3-Trichloropropane	110	8.656	8.656	0.000	94	226229	200.0	184.5	
108 trans-1,4-Dichloro-2-buten	53	8.656	8.656	0.000	77	244869	NC	NC	
109 4-Ethyltoluene	105	8.705	8.705	0.000	98	3482121	NC	NC	
110 2-Chlorotoluene	91	8.711	8.717	-0.006	96	2838386	200.0	196.6	
111 1,3,5-Trimethylbenzene	105	8.741	8.742	-0.001	92	2943847	200.0	208.9	
112 Butyl Methacrylate	87	8.778	8.778	0.000	91	1151259	200.0	197.0	
113 4-Chlorotoluene	91	8.778	8.778	0.000	98	2424714	200.0	197.8	
114 tert-Butylbenzene	119	8.918	8.918	0.000	94	2500678	200.0	216.1	
115 1,2,4-Trimethylbenzene	105	8.955	8.955	0.000	97	3048421	200.0	205.8	
116 sec-Butylbenzene	105	9.040	9.040	0.000	99	3954387	200.0	215.9	
117 4-Isopropyltoluene	119	9.113	9.120	-0.007	98	3329407	200.0	215.1	
118 1,3-Dichlorobenzene	146	9.137	9.138	-0.001	96	1588690	200.0	209.1	
* 119 1,4-Dichlorobenzene-d4	152	9.174	9.180	-0.006	95	256138	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.192	9.193	-0.001	93	1610020	200.0	205.9	
121 Benzyl chloride	91	9.272	9.278	-0.006	98	1865890	200.0	190.6	
122 2,3-Dihydroindene	117	9.320	9.327	-0.007	94	3325888	NC	NC	
123 p-Diethylbenzene	119	9.333	9.339	-0.006	93	2073125	NC	NC	
124 n-Butylbenzene	92	9.351	9.357	-0.006	98	1809551	200.0	210.3	
125 1,2-Dichlorobenzene	146	9.418	9.418	0.000	96	1576177	200.0	210.4	
126 1,2,4,5-Tetramethylbenzene	119	9.826	9.827	-0.001	97	3084846	NC	NC	
127 1,2-Dibromo-3-Chloropropan	75	9.918	9.924	-0.006	97	152728	200.0	187.4	
128 1,3,5-Trichlorobenzene	180	10.015	10.022	-0.007	97	1126658	NC	NC	
129 1,2,4-Trichlorobenzene	180	10.497	10.503	-0.006	94	893023	200.0	203.4	
130 Hexachlorobutadiene	225	10.570	10.577	-0.007	92	441047	200.0	214.6	
131 Naphthalene	128	10.723	10.729	-0.006	99	2024819	200.0	206.0	
132 1,2,3-Trichlorobenzene	180	10.930	10.936	-0.006	95	656292	200.0	206.1	
S 133 1,2-Dichloroethene, Total	100				0		400.0	372.4	
S 134 Xylenes, Total	100				0		400.0	416.7	
S 135 Total BTEX	1				0		1000.0	1019.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ACROLEIN W_00055	Amount Added:	20.00	Units: uL	
GAS Hi_00164	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00047	Amount Added:	20.00	Units: uL	
MIX I Hi_00062	Amount Added:	20.00	Units: uL	
8260ISNEW_00085	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00140	Amount Added:	1.00	Units: uL	Run Reagent

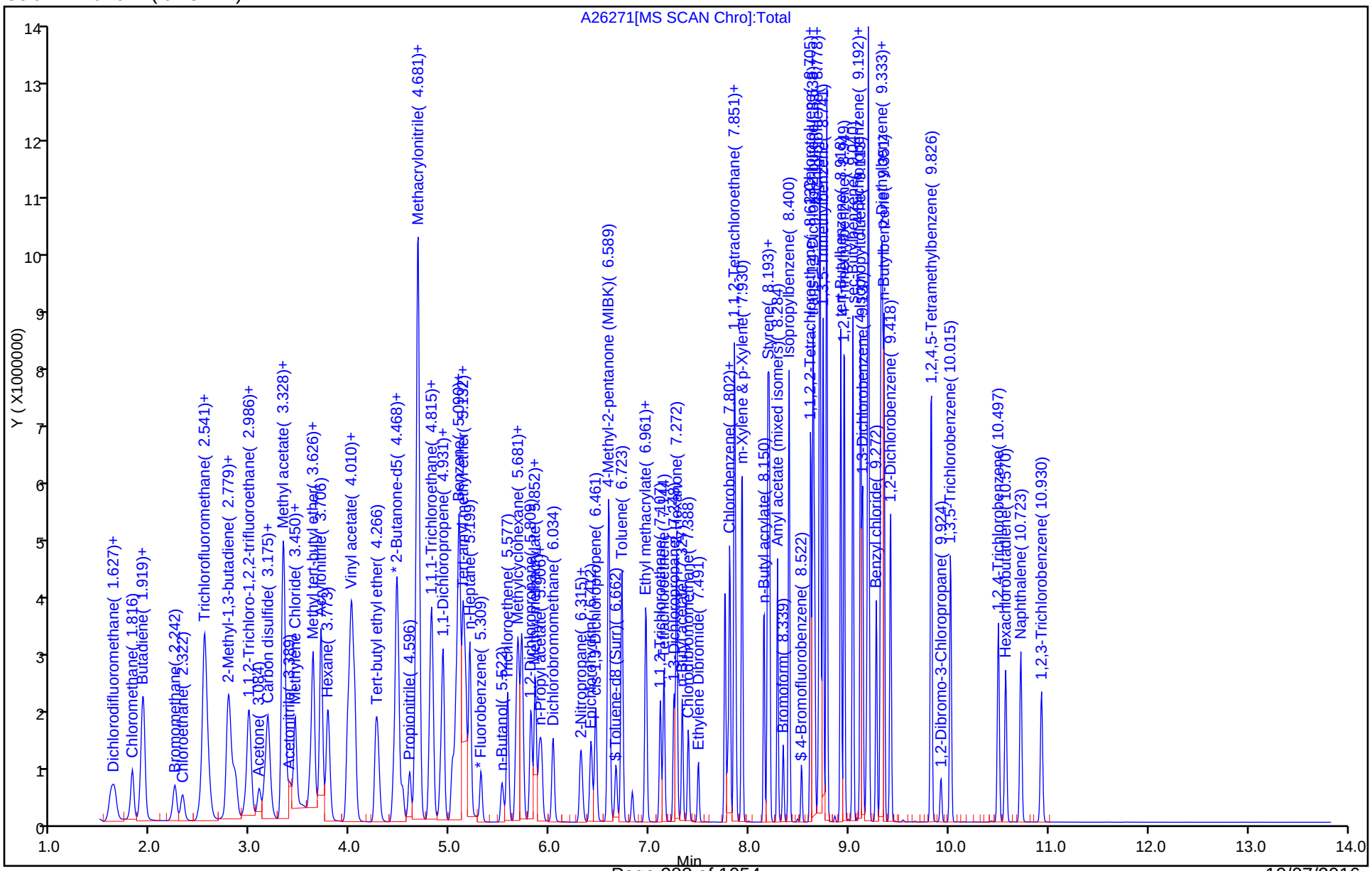
Report Date: 09-Sep-2016 20:25:58 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26271.D

Injection Date:	08-Sep-2016 04:04:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	STD200			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 08-Sep-2016 04:26:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0045311-008
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 09-Sep-2016 20:25:59 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: moroneyc Date: 08-Sep-2016 06:06:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.609	1.603	0.006	95	392857	NC	NC	
3 Dichlorodifluoromethane	85	1.645	1.633	0.012	99	2235534	500.0	340.5	
4 Chloromethane	50	1.834	1.810	0.024	100	3173680	500.0	391.2	
5 Vinyl chloride	62	1.932	1.914	0.018	98	2706009	500.0	377.5	
6 Butadiene	54	1.938	1.914	0.024	97	2313515	NC	NC	
7 Bromomethane	94	2.255	2.231	0.024	100	1381482	500.0	341.1	
8 Chloroethane	64	2.334	2.316	0.018	99	1288568	500.0	328.5	
9 Dichlorofluoromethane	67	2.541	2.523	0.018	99	3392648	NC	NC	
10 Trichlorofluoromethane	101	2.547	2.529	0.018	99	2121979	500.0	333.8	
12 Pentane	72	2.560	2.548	0.012	96	673942	1000.0	777.6	
14 Ethanol	46	2.773	2.755	0.018	78	343154	20000	18343	
13 Ethyl ether	59	2.773	2.767	0.006	94	1527586	500.0	381.5	
15 2-Methyl-1,3-butadiene	53	2.797	2.779	0.018	96	1702330	500.0	386.5	
16 1,2-Dichloro-1,1,2-trifluo	117	2.858	2.840	0.018	97	1331157	NC	NC	
11 Acrolein	56	2.962	2.956	0.006	95	258534	400.0	424.6	
17 1,1,2-Trichloro-1,2,2-trif	101	2.986	2.974	0.012	96	1612496	500.0	460.5	
18 1,1-Dichloroethene	96	2.999	2.980	0.019	97	1667018	500.0	396.5	
19 Acetone	43	3.096	3.090	0.006	88	2704034	2500.0	1791.3	
20 Iodomethane	142	3.163	3.145	0.018	99	3018521	500.0	416.8	
21 Carbon disulfide	76	3.188	3.176	0.012	99	7064195	500.0	409.5	
22 Isopropyl alcohol	45	3.200	3.188	0.012	57	1160763	5000.0	5342.4	
23 3-Chloro-1-propene	76	3.328	3.316	0.012	93	1209315	500.0	422.9	
25 Cyclopentene	67	3.346	3.334	0.012	89	5241159	NC	NC	
24 Methyl acetate	43	3.340	3.334	0.006	99	7771700	2500.0	2087.2	
26 Acetonitrile	41	3.407	3.401	0.006	98	3204972	5000.0	4882.8	
27 Methylene Chloride	84	3.456	3.444	0.012	96	2093843	500.0	414.8	
* 28 TBA-d9 (IS)	65	3.486	3.462	0.024	5	313676	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.547	3.529	0.018	96	1653131	5000.0	4498.4	
30 Methyl tert-butyl ether	73	3.626	3.615	0.012	97	5503891	500.0	431.2	
31 trans-1,2-Dichloroethene	96	3.639	3.627	0.012	98	1959395	500.0	438.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.718	3.706	0.012	94	7991061	5000.0	4285.9	
33 Hexane	43	3.779	3.773	0.006	94	1976772	500.0	469.8	
34 Isopropyl ether	45	3.992	3.974	0.018	96	7094234	500.0	421.0	
35 1,1-Dichloroethane	63	4.011	4.005	0.006	99	3736206	500.0	429.4	
36 Vinyl acetate	86	4.029	4.017	0.012	100	772009	1000.0	935.0	
37 2-Chloro-1,3-butadiene	88	4.053	4.041	0.012	91	1752658	NC	NC	
38 Tert-butyl ethyl ether	59	4.273	4.261	0.012	88	6148185	NC	NC	
* 39 2-Butanone-d5	46	4.443	4.431	0.012	95	442957	250.0	250.0	
40 2,2-Dichloropropane	97	4.468	4.456	0.012	95	657031	500.0	439.2	
41 cis-1,2-Dichloroethene	96	4.468	4.462	0.006	95	2129369	500.0	459.1	
42 2-Butanone (MEK)	72	4.486	4.480	0.006	95	1100531	2500.0	2266.1	
43 Ethyl acetate	70	4.486	4.480	0.006	95	393733	1000.0	990.2	
44 Methyl acrylate	55	4.535	4.523	0.012	99	1770641	NC	NC	
45 Propionitrile	54	4.602	4.596	0.006	99	2813610	NC	NC	
47 Chlorobromomethane	128	4.663	4.651	0.012	90	957320	500.0	464.2	
46 Tetrahydrofuran	72	4.657	4.657	0.000	63	493143	1000.0	865.0	
48 Methacrylonitrile	67	4.687	4.675	0.012	92	7655205	NC	NC	
49 Chloroform	83	4.699	4.694	0.005	99	2960341	500.0	405.7	
50 Cyclohexane	56	4.815	4.803	0.012	94	3600895	500.0	484.1	
52 1,1,1-Trichloroethane	97	4.827	4.815	0.012	98	2603740	500.0	434.1	
$ 53 Dibromofluoromethane (Surr	113	4.827	4.822	0.005	61	175918	50.0	47.4	
54 Carbon tetrachloride	117	4.919	4.913	0.006	99	2320449	500.0	470.3	
55 1,1-Dichloropropene	75	4.937	4.931	0.006	98	2646728	500.0	469.1	
56 Isobutyl alcohol	43	5.035	5.029	0.006	93	2232742	NC	NC	
57 Isooctane	57	5.071	5.059	0.012	98	6443406	NC	NC	
58 Benzene	78	5.096	5.090	0.006	96	7594322	500.0	414.7	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.108	5.102	0.006	88	212904	50.0	47.3	
60 Isopropyl acetate	43	5.132	5.126	0.006	97	5608290	500.0	394.9	
61 Tert-amyl methyl ether	73	5.144	5.133	0.012	93	5630194	NC	NC	
62 1,2-Dichloroethane	62	5.169	5.157	0.012	96	2141873	500.0	400.1	
63 n-Heptane	71	5.205	5.200	0.005	92	1719950	500.0	504.4	
* 64 Fluorobenzene	96	5.315	5.309	0.006	98	701787	50.0	50.0	
65 n-Butanol	56	5.529	5.517	0.012	89	1296619	12500	14793	
66 Trichloroethene	95	5.583	5.578	0.005	98	1910524	500.0	500.9	
67 Ethyl acrylate	55	5.669	5.669	0.000	98	6118707	500.0	536.4	
68 Methylcyclohexane	83	5.687	5.681	0.006	93	3363374	500.0	535.4	
69 1,2-Dichloropropane	63	5.815	5.809	0.006	93	2049877	500.0	445.5	
* 70 1,4-Dioxane-d8	96	5.858	5.852	0.006	34	53986	1000.0	1000.0	
71 Methyl methacrylate	100	5.858	5.852	0.006	90	952140	1000.0	1048.7	
73 1,4-Dioxane	88	5.900	5.888	0.012	56	348417	10000	6159.3	
72 n-Propyl acetate	43	5.900	5.895	0.005	98	2765508	500.0	466.1	
74 Dibromomethane	93	5.919	5.913	0.006	97	1148389	500.0	485.8	
75 Dichlorobromomethane	83	6.041	6.029	0.012	100	2569038	500.0	497.2	
76 2-Chloroethyl vinyl ether	63	6.315	6.309	0.006	98	1250207	500.0	508.1	
77 2-Nitropropane	41	6.327	6.321	0.006	97	929944	NC	NC	
78 Epichlorohydrin	57	6.419	6.413	0.006	98	3718381	10000	9492.5	
79 cis-1,3-Dichloropropene	75	6.467	6.455	0.012	92	3191908	500.0	480.5	
80 4-Methyl-2-pentanone (MIBK	43	6.595	6.590	0.005	97	10585177	2500.0	2343.3	
$ 81 Toluene-d8 (Surr)	98	6.669	6.663	0.006	99	656394	50.0	46.7	
82 Toluene	91	6.730	6.718	0.012	93	7854908	500.0	467.2	
83 trans-1,3-Dichloropropene	75	6.961	6.955	0.006	97	2738671	500.0	478.4	
84 Ethyl methacrylate	69	6.967	6.968	-0.001	90	2431785	NC	NC	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.108	7.108	0.000	97	1419432	500.0	465.3	
86 Tetrachloroethene	166	7.150	7.144	0.006	97	1776981	500.0	520.4	
87 1,3-Dichloropropane	76	7.248	7.242	0.006	95	2820122	500.0	472.4	
88 2-Hexanone	43	7.272	7.272	0.000	98	6436081	2500.0	2363.7	
89 n-Butyl acetate	73	7.333	7.327	0.006	99	497332	500.0	446.5	
90 Chlorodibromomethane	129	7.394	7.388	0.006	98	1844482	500.0	510.9	
91 Ethylene Dibromide	107	7.492	7.486	0.006	99	1567752	500.0	499.7	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	86	491910	50.0	50.0	
93 Chlorobenzene	112	7.809	7.803	0.006	93	4865104	500.0	495.4	
94 Ethylbenzene	106	7.851	7.851	0.000	98	2629897	500.0	471.5	
95 1,1,1,2-Tetrachloroethane	131	7.863	7.858	0.005	96	1719750	500.0	443.8	
96 m-Xylene & p-Xylene	106	7.931	7.925	0.006	100	3230691	500.0	462.9	
97 n-Butyl acrylate	73	8.150	8.150	0.000	97	1600890	500.0	446.8	
98 o-Xylene	106	8.187	8.187	0.000	93	3347716	500.0	462.4	
99 Styrene	104	8.205	8.199	0.006	96	5248943	500.0	446.0	
100 Amyl acetate (mixed isomer	43	8.284	8.284	0.000	90	4104759	500.0	488.0	
101 Bromoform	173	8.345	8.339	0.006	98	1174469	500.0	488.2	
102 Isopropylbenzene	105	8.400	8.400	0.000	96	8657505	500.0	460.3	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	87	196887	50.0	50.1	
104 Bromobenzene	156	8.619	8.614	0.005	98	2078414	500.0	617.1	
105 1,1,2,2-Tetrachloroethane	83	8.619	8.620	-0.001	99	2352274	500.0	545.2	
106 N-Propylbenzene	91	8.644	8.638	0.006	99	9615476	500.0	500.0	e
107 1,2,3-Trichloropropane	110	8.656	8.656	0.000	94	524102	500.0	476.2	
108 trans-1,4-Dichloro-2-buten	53	8.656	8.656	0.000	76	520795	NC	NC	
109 4-Ethyltoluene	105	8.705	8.705	0.000	98	7632640	NC	NC	
110 2-Chlorotoluene	91	8.717	8.717	0.000	88	5826454	500.0	449.7	
111 1,3,5-Trimethylbenzene	105	8.741	8.742	-0.001	93	5569803	500.0	440.5	
112 Butyl Methacrylate	87	8.778	8.778	0.000	88	2031500	500.0	387.3	
113 4-Chlorotoluene	91	8.784	8.778	0.006	95	4280993	500.0	389.2	
114 tert-Butylbenzene	119	8.924	8.918	0.006	92	5791427	500.0	557.7	
115 1,2,4-Trimethylbenzene	105	8.955	8.955	0.000	97	6148219	500.0	462.5	
116 sec-Butylbenzene	105	9.046	9.040	0.006	99	8481163	500.0	516.0	
117 4-Isopropyltoluene	119	9.119	9.120	-0.001	98	7172607	500.0	516.2	
118 1,3-Dichlorobenzene	146	9.144	9.138	0.006	97	3152715	500.0	462.3	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	92	229868	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.192	9.193	-0.001	94	2990407	500.0	426.1	
121 Benzyl chloride	91	9.278	9.278	0.000	99	3956123	500.0	450.3	
122 2,3-Dihydroindene	117	9.327	9.327	0.000	93	6277808	NC	NC	
123 p-Diethylbenzene	119	9.339	9.339	0.000	92	3344524	NC	NC	
124 n-Butylbenzene	92	9.357	9.357	0.000	98	2552452	500.0	330.6	
125 1,2-Dichlorobenzene	146	9.424	9.418	0.006	97	2963958	500.0	440.8	
126 1,2,4,5-Tetramethylbenzene	119	9.827	9.827	-0.001	97	7475064	NC	NC	
127 1,2-Dibromo-3-Chloropropan	75	9.924	9.924	0.000	98	385798	500.0	527.5	
128 1,3,5-Trichlorobenzene	180	10.022	10.022	0.000	98	2897829	NC	NC	
129 1,2,4-Trichlorobenzene	180	10.503	10.503	0.000	94	2423329	500.0	614.9	
130 Hexachlorobutadiene	225	10.576	10.577	-0.001	96	1122255	500.0	608.5	
131 Naphthalene	128	10.729	10.729	0.000	99	5513896	500.0	625.2	
132 1,2,3-Trichlorobenzene	180	10.936	10.936	0.000	95	1786353	500.0	625.2	
S 133 1,2-Dichloroethene, Total	100				0		1000.0	897.3	
S 134 Xylenes, Total	100				0		1000.0	925.3	
S 135 Total BTEX	1				0		2500.0	2278.7	

QC Flag Legend

Processing Flags

NC - Not Calibrated

e - Potential Peak Saturated

Reagents:

ACROLEIN W_00055	Amount Added:	40.00	Units: uL	
GAS Hi_00164	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00047	Amount Added:	50.00	Units: uL	
MIX I Hi_00062	Amount Added:	50.00	Units: uL	
8260ISNEW_00085	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00140	Amount Added:	1.00	Units: uL	Run Reagent

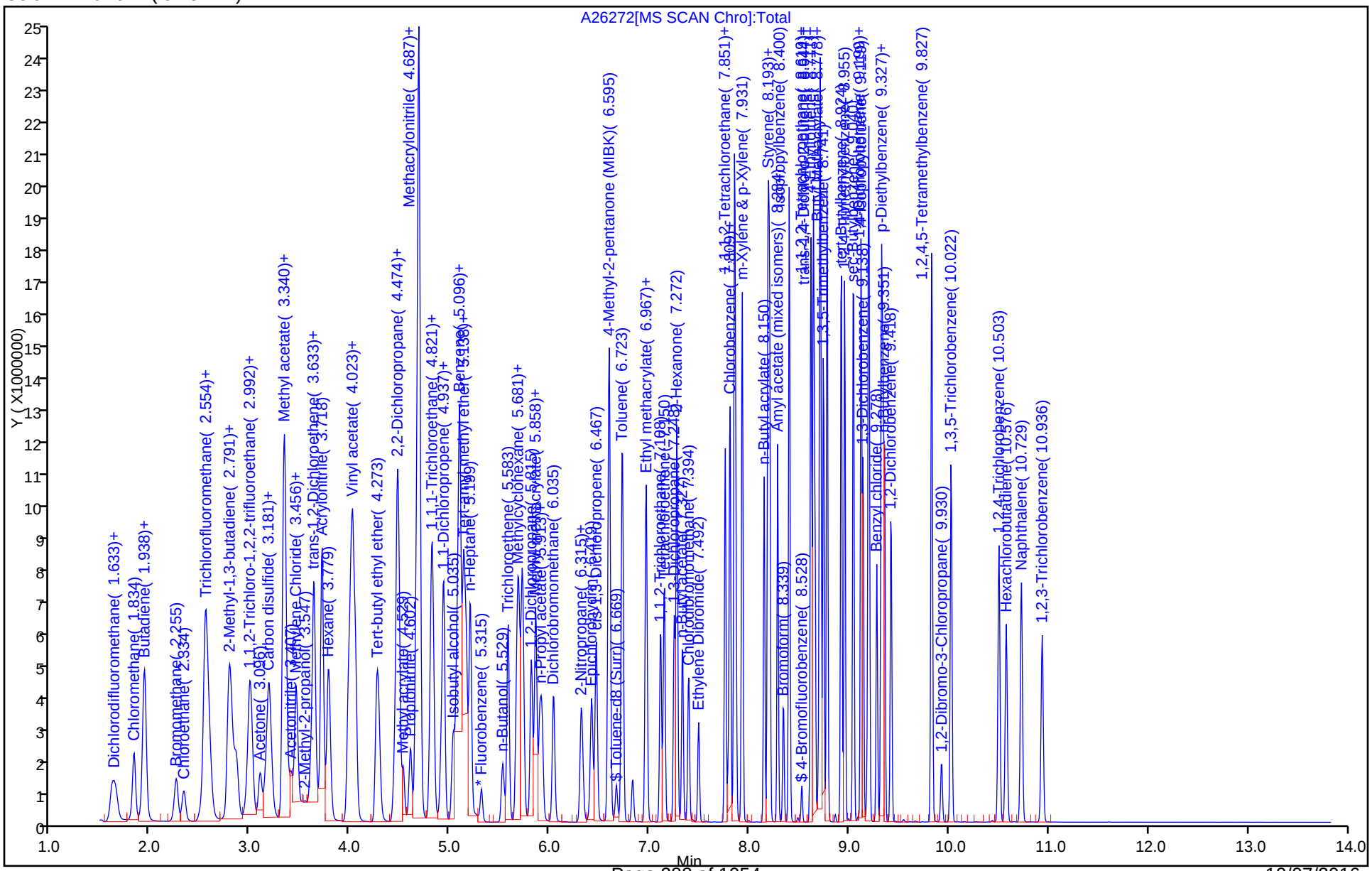
Report Date: 09-Sep-2016 20:26:00 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Injection Date:	08-Sep-2016 04:26:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	STD500			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

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.: 460-121167-1 Analy Batch No.: 394260

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2016 15:43 Calibration End Date: 10/01/2016 22:47 Calibration ID: 58151

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-394260/2	E60480.D
Level 2	STD1 460-394260/14	E60492.D
Level 3	STD5 460-394260/4	E60482.D
Level 4	STD20 460-394260/5	E60483.D
Level 5	STD50 460-394260/6	E60484.D
Level 6	STD200 460-394260/7	E60485.D
Level 7	STD500 460-394260/8	E60486.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								
Dichlorodifluoromethane	+++++ 0.2926	0.2989 0.3037	0.2810	0.2437	0.2945	Ave		0.2857				7.7		35.0			
Vinyl chloride	+++++ 0.3278	0.3844 0.3416	0.2842	0.2996	0.3240	Ave		0.3269				10.7		35.0			
Chloromethane	+++++ 0.4737	0.4811 0.4823	0.4062	0.4218	0.4664	Ave		0.4553				7.2		35.0			
Bromomethane	+++++ 0.2335	0.2007 0.2773	0.1827	0.1778	0.2110	Ave		0.2138				17.3		35.0			
Ethyl Chloride	+++++ 7.2342	7.5704 8.7174	8.1753	7.6300	8.4742	Ave		7.9669				7.3		35.0			
n-Pentane	+++++ 0.0440	0.0857 0.0562	0.0382	0.0313	0.0518	LinF		0.0545							0.9910		0.9900
Trichlorofluoromethane	+++++ 0.4350	0.7281 0.4619	0.4481	0.4261	0.5150	Ave		0.5024				22.9		35.0			
Isoprene	+++++ 0.5254	0.4477 0.5076	0.4462	0.4111	0.4784	Ave		0.4694				9.1		35.0			
Ethyl ether	+++++ 0.3070	0.3048 0.3114	0.2794	0.2954	0.3132	Ave		0.3018				4.2		35.0			
1,1-Dichloroethene	+++++ 0.2722	0.3209 0.2874	0.2624	0.2506	0.2673	Ave		0.2768				8.9		35.0			
Carbon disulfide	+++++ 0.9538	1.1720 1.0117	0.8927	0.9031	0.9553	Ave		0.9814				10.5		35.0			
Ethanol	+++++ 0.0563	0.1081 0.0634	0.0601	0.0556	0.0591	Ave		0.0671				30.2		35.0			
Freon TF	+++++ 0.2190	0.2469 0.2969	0.1775	0.1673	0.2088	Ave		0.2194				21.7		35.0			
Iodomethane	+++++ 0.3059	0.4205 0.3499	0.2460	0.1785	0.2448	Ave		0.2909				29.7		35.0			

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.: 460-121167-1 Analy Batch No.: 394260

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2016 15:43 Calibration End Date: 10/01/2016 22:47 Calibration ID: 58151

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrolein	+++++ 1.3960	1.2313 1.7310	1.4030	1.3372	1.4702	Ave		1.4281				11.8		35.0			
Allyl chloride	+++++ 0.1537	0.1781 0.1549	0.1646	0.1543	0.1625	Ave		0.1614				5.8		35.0			
Isopropanol	+++++ 0.6468	0.7654 0.7268	0.6657	0.6179	0.6620	Ave		0.6808				8.0		35.0			
Methylene Chloride	+++++ 0.2946	0.3313 0.3061	0.2701	0.2820	0.3055	Ave		0.2983				7.2		35.0			
Acetone	+++++ 0.2522	0.3677 0.2440	0.2825	0.2470	0.2791	Ave		0.2787				16.7		35.0			
trans-1,2-Dichloroethene	+++++ 0.2866	0.3741 0.3162	0.2800	0.2685	0.2870	Ave		0.3021				12.8		35.0			
Methyl acetate	+++++ 1.6643	1.6850 2.0659	1.5084	1.5310	1.6929	Ave		1.6913				11.8		35.0			
Hexane	+++++ 0.4591	0.5845 0.5788	0.4683	0.4279	0.5174	Ave		0.5060				12.9		35.0			
MTBE	+++++ 0.9487	1.0117 0.9798	0.9227	0.9101	0.9885	Ave		0.9603				4.1		35.0			
TBA	+++++ 1.0422	1.5881 1.0018	1.1006	1.0161	1.1357	Ave		1.1474				19.3		35.0			
Acetonitrile	+++++ 1.0530	1.5300 1.1908	0.9471	1.0571	1.1582	Ave		1.1560				17.5		35.0			
DIPE	+++++ 1.0387	0.9624 0.9846	0.9042	0.9447	1.0383	Ave		0.9788				5.4		35.0			
1,1-Dichloroethane	+++++ 0.5814	0.5584 0.5627	0.5149	0.5416	0.5959	Ave		0.5592				5.1		35.0			
Acrylonitrile	0.1237 0.1383	0.1286 0.1360	0.1237	0.1258	0.1434	Ave		0.1314				6.0		35.0			
Vinyl acetate	+++++ 0.0591	0.0327 0.0690	0.0627	0.0540	0.0635	Ave		0.0568				22.6		35.0			
cis-1,2-Dichloroethene	+++++ 0.3313	0.2973 0.3359	0.2919	0.2980	0.3413	Ave		0.3159				7.1		35.0			
2,2-Dichloropropane	+++++ 0.4478	0.4569 0.3960	0.4358	0.4325	0.4658	Ave		0.4391				5.6		35.0			
Cyclohexane	+++++ 0.3826	0.4044 0.4690	0.3545	0.3204	0.4102	Ave		0.3902				13.1		35.0			
Bromochloromethane	+++++ 0.1692	0.1543 0.1720	0.1597	0.1563	0.1757	Ave		0.1645				5.4		35.0			
Chloroform	+++++ 0.5349	0.5716 0.5303	0.5086	0.4957	0.5551	Ave		0.5327				5.3		35.0			

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.: 460-121167-1 Analy Batch No.: 394260

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2016 15:43 Calibration End Date: 10/01/2016 22:47 Calibration ID: 58151

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								
Carbon tetrachloride	+++++ 0.3827	0.4020 0.4190	0.3417	0.3431	0.3864	Ave		0.3791				8.2		35.0			
Ethyl acetate	+++++ 0.2938	0.2572 0.3080	0.2680	0.2699	0.3082	Ave		0.2842				7.8		35.0			
Tetrahydrofuran	+++++ 1.1341	1.0476 1.1478	1.1156	1.0822	1.2601	Ave		1.1312				6.4		35.0			
1,1,1-Trichloroethane	+++++ 0.4485	0.4829 0.4574	0.4278	0.4158	0.4665	Ave		0.4498				5.5		35.0			
2-Butanone	+++++ 0.3625	0.3983 0.3642	0.3485	0.3490	0.4019	Ave		0.3707				6.4		35.0			
1,1-Dichloropropene	+++++ 0.4047	0.6469 0.4183	0.5114	0.4126	0.4344	Ave		0.4714				20.0		35.0			
Benzene	+++++ 1.3296	1.3910 1.2743	1.2471	1.3751	1.4321	Ave		1.3415				5.3		35.0			
n-Heptane	+++++ 0.1439	0.1910 0.1730	0.1401	0.1232	0.1663	Ave		0.1563				15.9		35.0			
1,2-Dichloroethane	+++++ 0.4642	0.5571 0.4551	0.4325	0.4417	0.5005	Ave		0.4752				9.8		35.0			
Isopropyl acetate	+++++ 0.7081	0.6801 0.6924	0.6311	0.6918	0.7693	Ave		0.6955				6.4		35.0			
Methylcyclohexane	+++++ 0.3678	0.4232 0.4712	0.3253	0.3135	0.4157	Ave		0.3861				15.9		35.0			
Trichloroethene	+++++ 0.3160	0.3491 0.3259	0.2874	0.2886	0.3287	Ave		0.3159				7.7		35.0			
Dibromomethane	+++++ 0.2100	0.2409 0.2118	0.1868	0.1919	0.2261	Ave		0.2112				9.6		35.0			
n-Butanol	+++++ 0.3108	0.3285 0.3763	0.2588	0.2918	0.3398	Ave		0.3177				12.8		35.0			
1,2-Dichloropropane	+++++ 0.2995	0.3743 0.3210	0.3006	0.3040	0.3424	Ave		0.3236				9.2		35.0			
Ethyl acrylate	+++++ 0.4456	0.4207 0.4673	0.3821	0.4343	0.5051	Ave		0.4425				9.4		35.0			
Bromodichloromethane	+++++ 0.4205	0.4535 0.4390	0.4019	0.4002	0.4608	Ave		0.4293				6.0		35.0			
Methyl methacrylate	+++++ 0.1050	0.0931 0.1069	0.0893	0.0980	0.1116	Ave		0.1006				8.6		35.0			
p-Dioxane	+++++ 1.1295	1.2437 1.1904	1.2699	1.0755	1.2362	Ave		1.1909				6.3		35.0			
Propyl acetate	+++++ 0.5629	0.5601 0.5383	0.4961	0.5180	0.5738	Ave		0.5415				5.5		35.0			

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.: 460-121167-1 Analy Batch No.: 394260

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2016 15:43 Calibration End Date: 10/01/2016 22:47 Calibration ID: 58151

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-Chloroethyl vinyl ether	+++++ 0.1059	0.1246 0.1155	0.0815	0.0760	0.1070	Ave		0.1018				18.8		35.0			
cis-1,3-Dichloropropene	+++++ 0.5865	0.6143 0.5757	0.5270	0.5969	0.6355	Ave		0.5893				6.3		35.0			
Toluene	+++++ 1.4468	1.5224 1.4012	1.3316	1.4839	1.5362	Ave		1.4537				5.3		35.0			
Epichlorohydrin	0.1726 0.2632	0.2097 0.2314	0.1820	0.2345	0.2750	Ave		0.2241				17.2		35.0			
Tetrachloroethene	+++++ 0.3424	0.3575 0.3447	0.3306	0.3315	0.3523	Ave		0.3432				3.2		35.0			
4-Methyl-2-pentanone	+++++ 2.7146	2.7192 2.7721	2.5172	2.5957	2.9609	Ave		2.7133				5.6		35.0			
trans-1,3-Dichloropropene	+++++ 0.5818	0.5247 0.5627	0.4930	0.5662	0.6158	Ave		0.5574				7.8		35.0			
1,1,2-Trichloroethane	+++++ 0.2726	0.2641 0.2629	0.2551	0.2670	0.2874	Ave		0.2682				4.1		35.0			
Dibromochloromethane	+++++ 0.3945	0.3831 0.3922	0.3357	0.3717	0.3877	Ave		0.3775				5.8		35.0			
1,3-Dichloropropane	+++++ 0.5635	0.5359 0.5460	0.5176	0.5672	0.5995	Ave		0.5549				5.1		35.0			
1,2-Dibromoethane	+++++ 0.3437	0.2927 0.3434	0.3079	0.3353	0.3637	Ave		0.3311				7.9		35.0			
Butyl acetate	+++++ 0.6277	0.5463 0.6247	0.5144	0.6389	0.6897	Ave		0.6069				10.6		35.0			
2-Hexanone	+++++ 1.9278	1.9296 2.1264	1.9285	1.9511	2.2440	Ave		2.0179				6.7		35.0			
Chlorobenzene	+++++ 0.9383	0.9687 0.9684	0.8977	0.9120	1.0297	Ave		0.9525				5.0		35.0			
Ethylbenzene	+++++ 0.5021	0.5153 0.5388	0.4508	0.4849	0.5467	Ave		0.5064				7.0		35.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3528	0.3359 0.3741	0.3210	0.3386	0.3737	Ave		0.3494				6.2		35.0			
m-Xylene & p-Xylene	+++++ 0.6373	0.5707 0.6575	0.5495	0.5949	0.6666	Ave		0.6127				7.9		35.0			
o-Xylene	+++++ 0.6424	0.5650 0.6590	0.5511	0.6092	0.6577	Ave		0.6141				7.7		35.0			
Bromoform	+++++ 0.2931	0.2659 0.3078	0.2258	0.2477	0.2818	Ave		0.2704				11.2		35.0			
Styrene	+++++ 1.0971	0.8899 1.1273	0.9003	0.9990	1.0883	Ave		1.0170				10.2		35.0			

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.: 460-121167-1 Analy Batch No.: 394260

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2016 15:43 Calibration End Date: 10/01/2016 22:47 Calibration ID: 58151

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-Butyl acrylate	+++++ 0.3220	0.2035 0.3089	0.2243	0.2563	0.3053	Ave		0.2701				18.3		35.0			
Isopropylbenzene	+++++ 1.5965	1.5088 1.6336	1.3904	1.4389	1.5765	Ave		1.5241				6.2		35.0			
Amyl acetate	+++++ 1.2126	1.2807 1.1504	1.1408	0.9918	1.3144	Ave		1.1818				9.8		35.0			
Bromobenzene	+++++ 0.6744	0.6837 0.7082	0.6335	0.6475	0.7397	Ave		0.6812				5.7		35.0			
N-Propylbenzene	+++++ 2.8338	3.0318 2.9155	2.8255	2.6395	2.9635	Ave		2.8683				4.8		35.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7091	0.7266 0.7331	0.7017	0.6270	0.7339	Ave		0.7053				5.7		35.0			
2-Chlorotoluene	+++++ 1.9869	1.9590 2.0896	1.9121	1.7881	2.0708	Ave		1.9678				5.6		35.0			
1,2,3-Trichloropropane	+++++ 0.2179	0.3343 0.2196	0.2183	0.2035	0.2342	Ave		0.2380				20.3		35.0			
1,3,5-Trimethylbenzene	+++++ 2.0955	1.9886 2.1633	2.0399	1.9392	2.2322	Ave		2.0765				5.3		35.0			
4-Chlorotoluene	+++++ 1.8859	1.7975 1.9591	1.8378	1.6784	1.9939	Ave		1.8588				6.2		35.0			
tert-Butylbenzene	+++++ 1.7603	1.8166 1.8384	1.5632	1.6676	1.9235	Ave		1.7616				7.3		35.0			
1,2,4-Trimethylbenzene	+++++ 2.2562	2.1440 2.3482	2.0105	2.0445	2.4162	Ave		2.2033				7.5		35.0			
Butyl Methacrylate	+++++ 0.8960	0.7748 0.9011	0.6654	0.7630	0.9098	Ave		0.8184				12.2		35.0			
sec-Butylbenzene	+++++ 2.5626	2.5576 2.6295	2.3972	2.3838	2.7489	Ave		2.5466				5.5		35.0			
1,3-Dichlorobenzene	+++++ 1.2898	1.2398 1.3447	1.1369	1.2103	1.4058	Ave		1.2712				7.6		35.0			
p-Isopropyltoluene	+++++ 2.3637	2.3501 2.4289	2.1950	2.2382	2.5675	Ave		2.3572				5.7		35.0			
1,4-Dichlorobenzene	+++++ 1.3151	1.4560 1.3754	1.2900	1.2607	1.4696	Ave		1.3611				6.4		35.0			
Benzyl chloride	+++++ 0.3251	0.2581 0.3167	0.2913	0.2951	0.3435	Ave		0.3050				9.8		35.0			
n-Butylbenzene	+++++ 2.0376	2.3630 2.0623	1.9517	1.8887	2.3114	Ave		2.1025				9.2		35.0			
1,2-Dichlorobenzene	+++++ 1.2859	1.2893 1.3287	1.2270	1.2323	1.4538	Ave		1.3028				6.4		35.0			

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.: 460-121167-1 Analy Batch No.: 394260

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2016 15:43 Calibration End Date: 10/01/2016 22:47 Calibration ID: 58151

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dibromo-3-Chloropropane	+++++ 0.1940	0.1734 0.1930	0.1731	0.1863	0.2185	Ave		0.1897				8.9		35.0			
1,2,4-Trichlorobenzene	+++++ 0.9484	1.0021 1.0248	0.9283	0.9458	1.0910	Ave		0.9901				6.2		35.0			
Hexachlorobutadiene	+++++ 0.2875	0.4153 0.3164	0.2983	0.2823	0.3286	Ave		0.3214				15.3		35.0			
Naphthalene	+++++ 2.4332	2.6788 1.9364	2.4334	2.5002	2.9229	Ave		2.4842				13.2		35.0			
1,2,3-Trichlorobenzene	+++++ 0.8690	1.0060 0.9125	0.8785	0.8606	1.0043	Ave		0.9218				7.3		35.0			
Dibromofluoromethane (Surr)	0.2682 0.2560	0.2521 0.2498	0.2597	0.2493	0.2851	Ave		0.2600				5.0		35.0			
1,2-Dichloroethane-d4 (Surr)	0.3224 0.3139	0.3266 0.3384	0.3239	0.3118	0.3561	Ave		0.3276				4.7		35.0			
Toluene-d8 (Surr)	1.1332 1.0582	1.0913 1.0396	1.1221	1.1443	1.2240	Ave		1.1161				5.5		35.0			
Bromofluorobenzene	0.3733 0.4057	0.3583 0.4160	0.3787	0.3884	0.4296	Ave		0.3928				6.4		35.0			

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.: 460-121167-1 Analy Batch No.: 394260

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2016 15:43 Calibration End Date: 10/01/2016 22:47 Calibration ID: 58151

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-394260/2	E60480.D
Level 2	STD1 460-394260/14	E60492.D
Level 3	STD5 460-394260/4	E60482.D
Level 4	STD20 460-394260/5	E60483.D
Level 5	STD50 460-394260/6	E60484.D
Level 6	STD200 460-394260/7	E60485.D
Level 7	STD500 460-394260/8	E60486.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
Dichlorodifluoromethane	FB	Ave	+++++ 780211	2875 2112871	20766	73118	165987	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 874008	3697 2376622	20999	89904	182651	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 1263070	4627 3355988	30017	126589	262894	+++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 622637	1930 1929131	13500	53363	118962	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl Chloride	TBAd 9	Ave	+++++ 686201	2905 1858272	21910	83423	171556	+++++ 200	1.00 500	5.00	20.0	50.0
n-Pentane	FB	LinF	+++++ 234862	1648 782775	5649	18761	58451	+++++ 400	2.00 1000	10.0	40.0	100
Trichlorofluoromethane	FB	Ave	+++++ 1159965	7002 3213801	33114	127860	290288	+++++ 200	1.00 500	5.00	20.0	50.0
Isoprene	FB	Ave	+++++ 1400889	4306 3531818	32972	123366	269668	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl ether	FB	Ave	+++++ 818586	2931 2166588	20645	88640	176534	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	+++++ 725910	3086 1999805	19393	75197	150684	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	+++++ 2543168	11271 7039180	65965	271017	538509	+++++ 200	1.00 500	5.00	20.0	50.0
Ethanol	TBAd 9	Ave	+++++ 213702	1659 540956	6448	24307	47835	+++++ 8000	40.0 20000	200	800	2000
Freon TF	FB	Ave	+++++ 583939	2374 2065791	13116	50206	117688	+++++ 200	1.00 500	5.00	20.0	50.0
Iodomethane	FB	Ave	+++++ 815793	4044 2434947	18178	53556	137983	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd 9	Ave	+++++ 132418	1890 295191	15040	29240	59526	+++++ 200	4.00 400	20.0	40.0	100

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

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 394260

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2016 15:43 Calibration End Date: 10/01/2016 22:47 Calibration ID: 58151

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
Allyl chloride	FB	Ave	+++++ 409747	1713 1077888	12165	46316	91618	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropanol	TBAd9	Ave	+++++ 613567	2937 1549218	17840	67558	134016	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 785586	3186 2129627	19958	84620	172231	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 481315	2677 1146415	14840	52506	111439	+++++ 1000	5.00 2500	25.0	100	250
trans-1,2-Dichloroethene	FB	Ave	+++++ 764344	3598 2200322	20691	80576	161772	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	TBAd9	Ave	+++++ 789324	3233 2201864	20213	83698	171363	+++++ 1000	5.00 2500	25.0	100	250
Hexane	FB	Ave	+++++ 1224217	5621 4027248	34606	128413	291645	+++++ 200	1.00 500	5.00	20.0	50.0
MTBE	FB	Ave	+++++ 2529800	9730 6817637	68177	273121	557249	+++++ 200	1.00 500	5.00	20.0	50.0
TBA	TBAd9	Ave	+++++ 988608	6094 2135516	29495	111095	229915	+++++ 2000	10.0 5000	50.0	200	500
Acetonitrile	TBAd9	Ave	+++++ 998789	5871 2538391	25382	115577	234473	+++++ 2000	10.0 5000	50.0	200	500
DIPE	FB	Ave	+++++ 2769578	9256 6850744	66812	283493	585324	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 1550336	5370 3915494	38047	162539	335918	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	5150 3688445	12364 9464838	91424	377480	808324	2.00 2000	10.0 5000	50.0	200	500
Vinyl acetate	FB	Ave	+++++ 315331	629 960177	9272	32429	71585	+++++ 400	2.00 1000	10.0	40.0	100
cis-1,2-Dichloroethene	FB	Ave	+++++ 883532	2859 2336903	21568	89422	192386	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 1193942	4394 2755493	32205	129800	262575	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 1020190	3889 3263107	26198	96137	231257	+++++ 200	1.00 500	5.00	20.0	50.0
Bromochloromethane	FB	Ave	+++++ 451165	1484 1196849	11798	46893	99069	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroform	FB	Ave	+++++ 1426300	5497 3689692	37583	148756	312927	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 1020334	3866 2915448	25247	102972	217819	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acetate	BUT	Ave	+++++ 224292	749 578923	5633	22949	49219	+++++ 400	2.00 1000	10.0	40.0	100

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

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 394260

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2016 15:43 Calibration End Date: 10/01/2016 22:47 Calibration ID: 58151

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
Tetrahydrofuran	BUT	Ave	+++++ 865900	3051 2157228	23445	92033	201217	+++++ 400	2.00 1000	10.0	40.0	100
1,1,1-Trichloroethane	FB	Ave	+++++ 1195903	4644 3182579	31610	124768	262969	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone	BUT	Ave	+++++ 691848	2900 1711354	18307	74194	160444	+++++ 1000	5.00 2500	25.0	100	250
1,1-Dichloropropene	FB	Ave	+++++ 1079043	6221 2910781	37787	123814	244896	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZ d5	Ave	+++++ 3262137	12187 8642091	83805	353045	734166	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 383795	1837 1204043	10354	36981	93732	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 1237857	5358 3166904	31959	132542	282117	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 1888249	6541 4817476	46635	207590	433673	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 980598	4070 3278794	24040	94084	234333	+++++ 200	1.00 500	5.00	20.0	50.0
Trichloroethene	FB	Ave	+++++ 842580	3357 2267623	21239	86591	185305	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromomethane	FB	Ave	+++++ 559874	2317 1473840	13800	57584	127429	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd 9	Ave	+++++ 737076	3151 2005463	17338	79765	171959	+++++ 5000	25.0 12500	125	500	1250
1,2-Dichloropropane	FB	Ave	+++++ 798599	3600 2233270	22215	91228	193041	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 1188221	4046 3251584	28232	130334	284756	+++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	+++++ 1121228	4361 3054623	29701	120099	259743	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 559965	1791 1487619	13190	58809	125824	+++++ 400	2.00 1000	10.0	40.0	100
p-Dioxane	DXE	Ave	+++++ 263241	2521 692880	7796	28194	61077	+++++ 4000	50.0 10000	100	400	1000
Propyl acetate	FB	Ave	+++++ 1500968	5387 3745666	36655	155440	323473	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 282341	1198 803677	6024	22821	60321	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 1438891	5382 3903949	35417	153265	325801	+++++ 200	1.00 500	5.00	20.0	50.0
Toluene	CBNZ d5	Ave	+++++ 3549830	13338 9502796	89484	380977	787510	+++++ 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.: 460-121167-1 Analy Batch No.: 394260

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2016 15:43 Calibration End Date: 10/01/2016 22:47 Calibration ID: 58151

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
Epichlorohydrin	BUT	Ave	2510 2009649	6108 4349515	38240	199428	439135	5.00 4000	20.0 10000	100	400	1000
Tetrachloroethene	CBNZ d5	Ave	+++++ 840134	3132 2337860	22215	85121	180611	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone	BUT	Ave	+++++ 5181433	19799 13024897	132247	551853	1182024	+++++ 1000	5.00 2500	25.0	100	250
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 1427455	4597 3815975	33130	145372	315705	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 668728	2314 1783111	17146	68559	147357	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromochloromethane	CBNZ d5	Ave	+++++ 967897	3356 2659775	22559	95422	198746	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 1382571	4695 3703129	34782	145615	307335	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromoethane	CBNZ d5	Ave	+++++ 843346	2564 2329188	20694	86082	186436	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl acetate	CBNZ d5	Ave	+++++ 1540010	4786 4236355	34568	164036	353580	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 3679617	14050 9991102	101319	414812	895815	+++++ 1000	5.00 2500	25.0	100	250
Chlorobenzene	CBNZ d5	Ave	+++++ 2302212	8487 6567516	60328	234160	527887	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	+++++ 1231795	4515 3654222	30293	124508	280244	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 865679	2943 2536997	21570	86945	191582	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 1563717	5000 4459234	36924	152729	341733	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	+++++ 1576164	4950 4469307	37032	156417	337140	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Ave	+++++ 719095	2330 2087256	15177	63605	144463	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	+++++ 2691695	7797 7644828	60503	256480	557922	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	+++++ 790005	1783 2094566	15076	65811	156511	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 3917006	13219 11079023	93439	369447	808197	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate	DCBd 4	Ave	+++++ 2029252	6708 5108896	44994	163953	417880	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	+++++ 1128625	3581 3145275	24987	107036	235160	+++++ 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.: 460-121167-1 Analy Batch No.: 394260

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2016 15:43 Calibration End Date: 10/01/2016 22:47 Calibration ID: 58151

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-Propylbenzene	DCBd 4	Ave	+++++ 4742519	15880 12948071	111442	436314	942184	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 1186741	3806 3255691	27678	103650	233317	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	+++++ 3325218	10261 9279952	75419	295584	658371	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 364621	1751 975186	8610	33634	74460	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 3506915	10416 9607329	80458	320552	709673	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	+++++ 3156120	9415 8700539	72488	277443	633911	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 2945991	9515 8164613	61657	275658	611522	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 3775767	11230 10428437	79297	337959	768178	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Ave	+++++ 1499554	4058 4001936	26243	126131	289249	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 4288609	13396 11677802	94550	394045	873948	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 2158454	6494 5972008	44841	200071	446925	+++++ 200	1.00 500	5.00	20.0	50.0
p-Isopropyltoluene	DCBd 4	Ave	+++++ 3955781	12309 10786740	86575	369979	816274	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 2200780	7626 6108308	50881	208404	467228	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	+++++ 544111	1352 1406434	11488	48788	109195	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	+++++ 3410039	12377 9158855	76981	312211	734850	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 2152009	6753 5900731	48395	203709	462204	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 324735	908 857123	6827	30790	69472	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 1587184	5249 4551124	36615	156342	346856	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 481103	2175 1405182	11766	46662	104461	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	+++++ 4072117	14031 8599823	95980	413294	929280	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 1454223	5269 4052411	34648	142266	319307	+++++ 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.: 460-121167-1 Analy Batch No.: 394260

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2016 15:43 Calibration End Date: 10/01/2016 22:47 Calibration ID: 58151

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dibromofluoromethane (Surr)	FB	Ave	279178 170661	121201 173782	191919	187064	160731	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	335596 209227	157027 235478	239325	233931	200740	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	1065050 649071	478040 705025	754080	734524	627464	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Bromofluorobenzene	CBNZ d5	Ave	350823 248839	156941 282146	254471	249300	220207	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60480.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 01-Oct-2016 15:43:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0046290-002
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub52

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 04-Oct-2016 18:21:51 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: desais Date: 02-Oct-2016 10:48:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	1.879	1.887	-0.008	98	709380	1000.0	1000.0	
36 Acrylonitrile	53	2.175	2.167	0.008	93	5150	2.00	1.88	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	97	279178	50.0	51.6	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	99	727147	250.0	250.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	97	335596	50.0	49.2	
* 63 Fluorobenzene	96	3.385	3.385	0.000	98	1040892	50.0	50.0	
* 74 1,4-Dioxane-d8	96	4.224	4.232	-0.008	94	80870	1000.0	1000.0	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	99	1065050	50.0	50.8	
82 Epichlorohydrin	57	4.957	4.940	0.017	23	2510	5.00	3.85	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	87	939845	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	8.430	8.430	0.000	92	350823	50.0	47.5	
* 121 1,4-Dichlorobenzene-d4	152	10.174	10.174	0.000	96	558568	50.0	50.0	

Reagents:

ACRY/EPIH MIX_00026	Amount Added:	2.00	Units: uL	
MIX 2 Hi_00048	Amount Added:	0.00	Units: uL	
ACROLEIN W_00056	Amount Added:	0.00	Units: uL	
MIX I Hi_00062	Amount Added:	0.00	Units: uL	
14DIOXINTER_00062	Amount Added:	0.00	Units: uL	
GAS Hi_00167	Amount Added:	0.00	Units: uL	
8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent

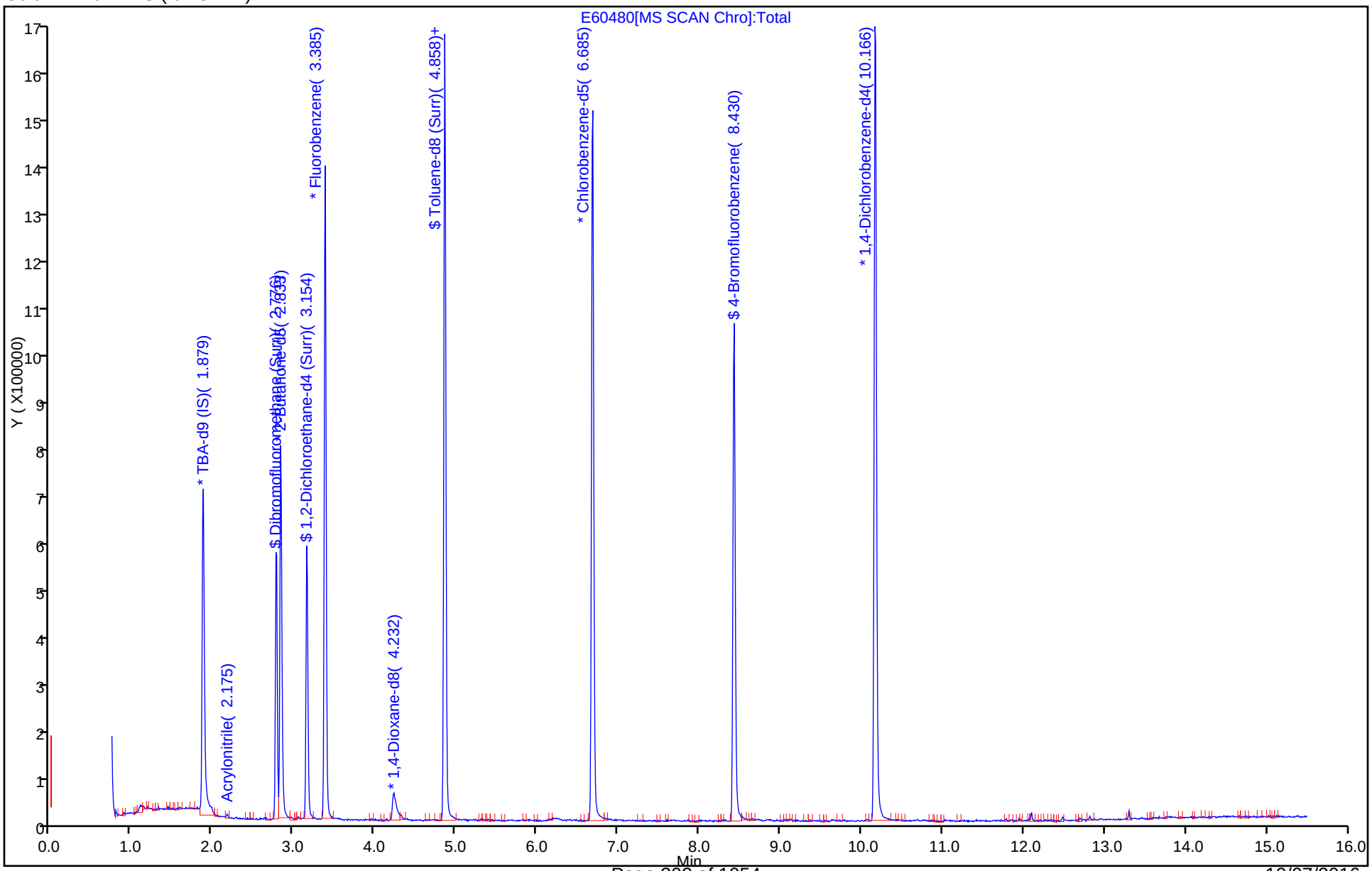
Report Date: 04-Oct-2016 18:24:20 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60480.D

Injection Date:	01-Oct-2016 15:43:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	STD8			Worklist Smp#:	2
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8260W_5	Limit Group:	VOA 624 ICAL		

Column: Rtx-VMS (0.18 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60482.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 01-Oct-2016 16:41:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0046290-004
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub52

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 04-Oct-2016 18:19:13 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: kluseys Date: 01-Oct-2016 17:29:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.801	0.801	0.000	88	2163	NC	NC	
2 Dichlorodifluoromethane	85	0.809	0.809	0.000	99	20766	5.00	4.92	
3 Vinyl chloride	62	0.924	0.924	0.000	98	20999	5.00	4.35	
4 Butadiene	54	0.932	0.932	0.000	89	16577	NC	NC	
5 Chloromethane	50	0.941	0.941	-0.001	86	30017	5.00	4.46	
6 Bromomethane	94	1.072	1.072	0.000	98	13500	5.00	4.27	
8 Chloroethane	64	1.122	1.122	0.000	99	21910	5.00	5.13	
9 Pentane	72	1.179	1.179	0.000	97	5649	10.0	7.01	
10 Trichlorofluoromethane	101	1.187	1.187	0.000	97	33114	5.00	4.46	
11 Dichlorofluoromethane	67	1.212	1.212	0.000	99	42776	NC	NC	
12 2-Methyl-1,3-butadiene	67	1.319	1.319	0.000	97	32972	5.00	4.75	
13 Ethyl ether	59	1.336	1.336	0.000	90	20645	5.00	4.63	
15 1,2-Dichloro-1,1,2-trifluo	67	1.418	1.426	-0.008	83	20789	NC	NC	
16 1,1-Dichloroethene	96	1.418	1.426	-0.008	97	19393	5.00	4.74	
14 Ethanol	46	1.434	1.434	0.000	27	6448	200.0	179.3	
17 Carbon disulfide	76	1.434	1.434	0.000	100	65965	5.00	4.55	
18 1,1,2-Trichloro-1,2,2-trif	101	1.443	1.443	0.000	94	13116	5.00	4.05	
19 Iodomethane	142	1.492	1.492	0.000	99	18178	5.00	4.23	
20 Cyclopentene	67	1.566	1.566	0.000	97	41504	NC	NC	
21 Acrolein	56	1.591	1.591	0.000	97	15040	20.0	19.6	
22 3-Chloro-1-propene	76	1.656	1.657	-0.001	89	12165	5.00	5.10	
23 Isopropyl alcohol	45	1.689	1.689	0.000	92	17840	50.0	48.9	
24 Methylene Chloride	84	1.714	1.714	0.000	94	19958	5.00	4.53	
25 Acetone	58	1.739	1.739	0.000	86	14840	25.0	25.3	
26 trans-1,2-Dichloroethene	96	1.796	1.796	0.000	94	20691	5.00	4.63	
27 Methyl acetate	74	1.805	1.805	0.000	100	20213	25.0	22.3	
28 Hexane	57	1.838	1.846	-0.008	76	34606	5.00	4.63	
29 Methyl tert-butyl ether	73	1.862	1.862	0.000	91	68177	5.00	4.80	
* 30 TBA-d9 (IS)	65	1.887	1.887	0.000	98	536004	1000.0	1000.0	
31 2-Methyl-2-propanol	59	1.928	1.928	0.000	94	29495	50.0	48.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acetonitrile	41	2.002	1.994	0.008	97	25382	50.0	41.0	
33 Isopropyl ether	45	2.076	2.076	0.000	96	66812	5.00	4.62	
34 2-Chloro-1,3-butadiene	88	2.126	2.126	0.000	95	16213	NC	NC	
35 1,1-Dichloroethane	63	2.134	2.134	0.000	99	38047	5.00	4.60	
36 Acrylonitrile	53	2.167	2.167	0.000	93	91424	50.0	47.1	
37 Tert-butyl ethyl ether	59	2.298	2.298	0.000	88	66906	NC	NC	
38 Vinyl acetate	86	2.298	2.298	0.000	100	9272	10.0	11.0	
39 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	97	21568	5.00	4.62	
40 2,2-Dichloropropane	77	2.537	2.537	0.000	97	32205	5.00	4.96	
41 Cyclohexane	56	2.595	2.595	0.000	93	26198	5.00	4.54	
42 Chlorobromomethane	128	2.603	2.595	0.008	94	11798	5.00	4.85	
43 Chloroform	83	2.652	2.652	0.000	97	37583	5.00	4.77	
44 Carbon tetrachloride	117	2.743	2.743	0.000	96	25247	5.00	4.51	
45 Ethyl acetate	70	2.751	2.751	0.000	97	5633	10.0	9.43	
46 Methyl acrylate	55	2.751	2.751	0.000	52	20265	NC	NC	
47 Tetrahydrofuran	42	2.759	2.759	0.000	94	23445	10.0	9.86	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	97	191919	50.0	49.9	
49 1,1,1-Trichloroethane	97	2.784	2.784	0.000	98	31610	5.00	4.76	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	99	525370	250.0	250.0	
51 2-Butanone (MEK)	72	2.874	2.875	-0.001	99	18307	25.0	23.5	
52 1,1-Dichloropropene	75	2.874	2.875	-0.001	92	37787	5.00	5.42	
53 Isooctane	57	2.957	2.965	-0.008	96	33620	NC	NC	
54 n-Heptane	57	3.056	3.056	0.000	54	10354	5.00	4.48	
55 Benzene	78	3.056	3.056	0.000	98	83805	5.00	4.65	
56 Propionitrile	54	3.080	3.072	0.008	96	34762	NC	NC	
57 Methacrylonitrile	67	3.088	3.089	0.000	94	102255	NC	NC	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	98	239325	50.0	49.4	
59 Tert-amyl methyl ether	73	3.163	3.163	0.000	97	63176	NC	NC	
60 1,2-Dichloroethane	62	3.212	3.212	0.000	97	31959	5.00	4.55	
61 Isobutyl alcohol	43	3.286	3.286	0.000	98	29227	NC	NC	
62 t-Amyl alcohol	59	3.360	3.352	0.008	96	21169	NC	NC	
* 63 Fluorobenzene	96	3.385	3.385	0.000	99	738924	50.0	50.0	
65 Isopropyl acetate	43	3.451	3.451	0.000	98	46635	5.00	4.54	
66 Methylcyclohexane	83	3.508	3.508	0.000	94	24040	5.00	4.21	
67 Trichloroethene	95	3.525	3.525	0.000	96	21239	5.00	4.55	
68 2-ethoxy-2-methyl butane	59	3.763	3.763	0.000	97	52179	NC	NC	
69 Dibromomethane	93	3.879	3.879	-0.001	95	13800	5.00	4.42	
70 n-Butanol	56	3.911	3.903	0.008	90	17338	125.0	101.8	
71 1,2-Dichloropropane	63	3.969	3.969	0.000	86	22215	5.00	4.64	
72 Ethyl acrylate	55	4.051	4.043	0.008	83	28232	5.00	4.32	
73 Dichlorobromomethane	83	4.051	4.051	0.000	97	29701	5.00	4.68	
* 74 1,4-Dioxane-d8	96	4.232	4.232	0.000	86	61391	1000.0	1000.0	
75 Methyl methacrylate	100	4.232	4.232	0.000	92	13190	10.0	8.87	
76 1,4-Dioxane	88	4.265	4.265	0.000	61	7796	100.0	106.6	M
77 n-Propyl acetate	43	4.397	4.389	0.008	99	36655	5.00	4.58	
78 2-Chloroethyl vinyl ether	63	4.652	4.644	0.008	92	6024	5.00	4.01	
79 cis-1,3-Dichloropropene	75	4.677	4.669	0.008	97	35417	5.00	4.47	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	99	754080	50.0	50.3	
81 Toluene	91	4.915	4.907	0.008	93	89484	5.00	4.58	
82 Epichlorohydrin	57	4.940	4.940	0.000	99	38240	100.0	81.2	
83 2-Nitropropane	41	5.154	5.154	0.000	100	15509	NC	NC	
84 Tetrachloroethene	166	5.335	5.327	0.008	96	22215	5.00	4.82	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 4-Methyl-2-pentanone (MIBK	43	5.368	5.368	0.000	99	132247	25.0	23.2	
86 trans-1,3-Dichloropropene	75	5.409	5.401	0.008	98	33130	5.00	4.42	
87 1,1,2-Trichloroethane	83	5.574	5.574	0.000	94	17146	5.00	4.76	
88 Ethyl methacrylate	69	5.656	5.656	0.000	91	29886	NC	NC	
89 Chlorodibromomethane	129	5.771	5.763	0.008	98	22559	5.00	4.45	
90 1,3-Dichloropropane	76	5.878	5.878	0.000	96	34782	5.00	4.66	
91 Ethylene Dibromide	107	6.002	6.002	0.000	97	20694	5.00	4.65	
92 n-Butyl acetate	43	6.356	6.356	0.000	98	34568	5.00	4.24	
93 2-Hexanone	43	6.413	6.413	0.000	97	101319	25.0	23.9	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	87	672014	50.0	50.0	
95 Chlorobenzene	112	6.701	6.701	0.000	92	60328	5.00	4.71	
96 Ethylbenzene	106	6.792	6.792	0.000	99	30293	5.00	4.45	
97 1,1,1,2-Tetrachloroethane	131	6.817	6.817	0.000	93	21570	5.00	4.59	
98 m-Xylene & p-Xylene	106	7.006	6.998	0.008	97	36924	5.00	4.48	
99 o-Xylene	106	7.582	7.582	0.000	94	37032	5.00	4.49	
100 Bromoform	173	7.648	7.640	0.008	94	15177	5.00	4.18	
101 Styrene	104	7.664	7.664	0.000	95	60503	5.00	4.43	
102 n-Butyl acrylate	73	8.002	8.002	0.000	99	15076	5.00	4.15	
103 Isopropylbenzene	105	8.067	8.059	0.008	96	93439	5.00	4.56	
104 Amyl acetate (mixed isomer	43	8.413	8.413	0.000	90	44994	5.00	4.83	
$ 105 4-Bromofluorobenzene	174	8.430	8.430	0.000	91	254471	50.0	48.2	
106 Bromobenzene	156	8.528	8.528	0.000	94	24987	5.00	4.65	
107 N-Propylbenzene	91	8.693	8.693	0.000	99	111442	5.00	4.93	
108 1,1,2,2-Tetrachloroethane	83	8.841	8.833	0.008	97	27678	5.00	4.98	
109 2-Chlorotoluene	91	8.857	8.858	-0.001	97	75419	5.00	4.86	
110 4-Ethyltoluene	105	8.882	8.882	0.000	98	85954	NC	NC	
111 1,2,3-Trichloropropane	110	8.964	8.965	-0.001	95	8610	5.00	4.59	
112 1,3,5-Trimethylbenzene	105	9.039	9.039	0.000	94	80458	5.00	4.91	
113 trans-1,4-Dichloro-2-buten	53	9.096	9.088	0.008	86	8188	NC	NC	
114 4-Chlorotoluene	91	9.121	9.121	0.000	98	72488	5.00	4.94	
115 tert-Butylbenzene	119	9.491	9.499	-0.008	95	61657	5.00	4.44	
116 1,2,4-Trimethylbenzene	105	9.631	9.623	0.008	98	79297	5.00	4.56	
117 Butyl Methacrylate	87	9.639	9.639	0.000	95	26243	5.00	4.07	
118 sec-Butylbenzene	105	9.787	9.787	0.000	98	94550	5.00	4.71	
119 1,3-Dichlorobenzene	146	10.034	10.034	0.000	96	44841	5.00	4.47	
120 4-Isopropyltoluene	119	10.067	10.067	0.000	98	86575	5.00	4.66	
* 121 1,4-Dichlorobenzene-d4	152	10.174	10.174	0.000	95	394421	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.191	10.191	0.000	94	50881	5.00	4.74	
123 2,3-Dihydroindene	117	10.471	10.471	-0.001	95	79810	NC	NC	
124 Benzyl chloride	126	10.652	10.643	0.009	98	11488	5.00	4.78	
125 p-Diethylbenzene	119	10.676	10.676	0.000	94	44171	NC	NC	
126 n-Butylbenzene	91	10.759	10.759	0.000	97	76981	5.00	4.64	
127 1,2-Dichlorobenzene	146	10.857	10.857	0.000	97	48395	5.00	4.71	
128 1,2,4,5-Tetramethylbenzene	119	11.787	11.779	0.008	98	80123	NC	NC	
129 1,2-Dibromo-3-Chloropropan	157	11.894	11.894	0.000	93	6827	5.00	4.56	
130 1,3,5-Trichlorobenzene	180	11.944	11.935	0.009	97	34819	NC	NC	
131 1,2,4-Trichlorobenzene	180	12.470	12.470	0.000	94	36615	5.00	4.69	
132 Hexachlorobutadiene	225	12.487	12.487	0.000	91	11766	5.00	4.64	
133 Naphthalene	128	12.693	12.693	0.000	99	95980	5.00	4.90	
134 1,2,3-Trichlorobenzene	180	12.816	12.816	0.000	96	34648	5.00	4.76	
S 135 1,2-Dichloroethene, Total	100				0		10.0	9.25	
S 136 1,3-Dichloropropene, Total	100				0		10.0	8.89	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		10.0	8.97	
S 138 Total BTEX	1				0		25.0	22.6	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated

Reagents:

MIX 2 Hi_00048	Amount Added:	1.00	Units: uL	
MIX I Hi_00062	Amount Added:	1.00	Units: uL	
GAS Hi_00167	Amount Added:	1.00	Units: uL	
ACROLEIN W_00056	Amount Added:	4.00	Units: uL	
8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent

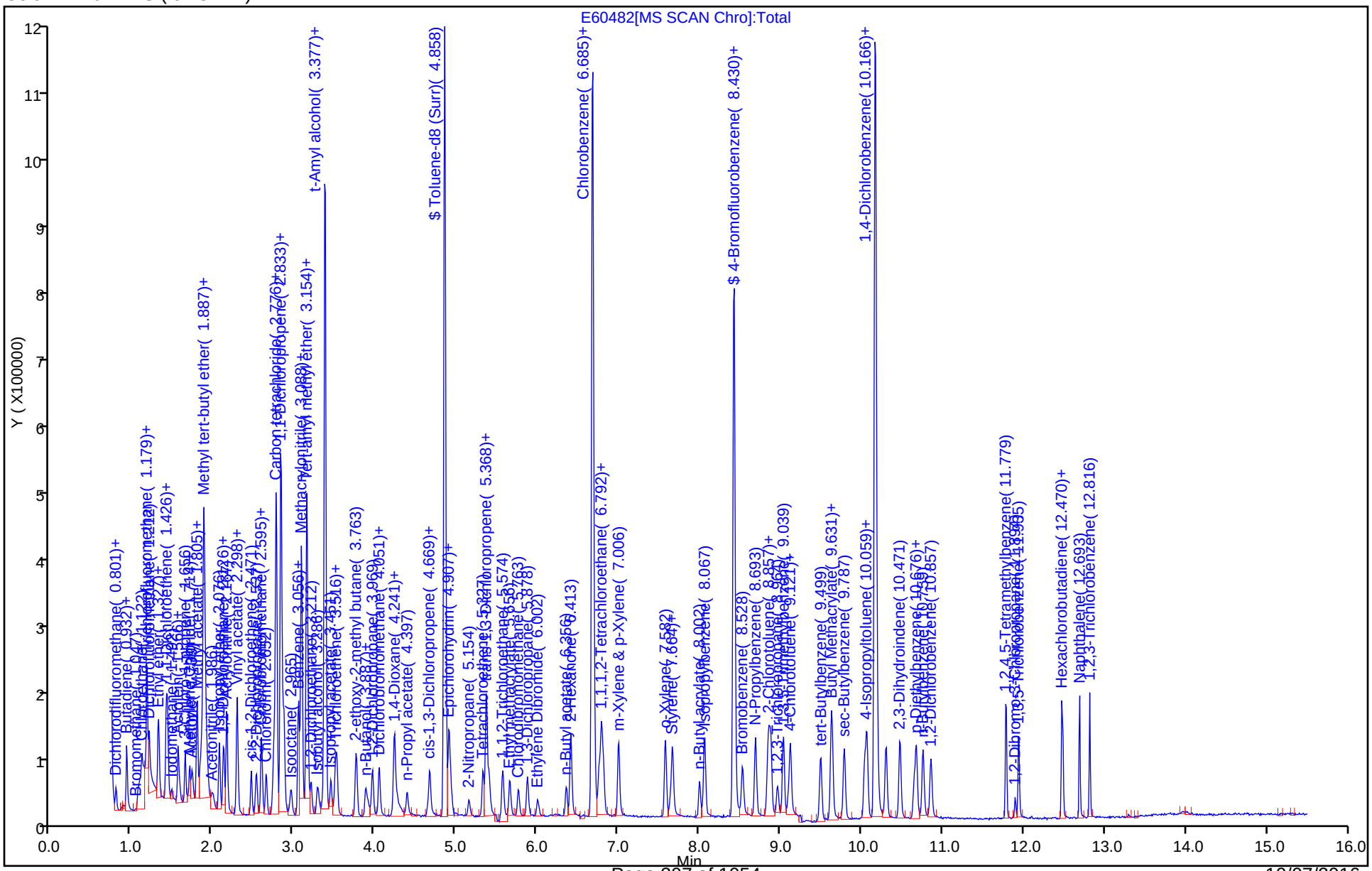
Report Date: 04-Oct-2016 18:19:27 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60482.D

Injection Date:	01-Oct-2016 16:41:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260W_5	Limit Group:	VOA 624 ICAL		

Column: Rtx-VMS (0.18 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60483.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 01-Oct-2016 17:09:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0046290-005
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub52

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 04-Oct-2016 18:19:41 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: desais Date: 02-Oct-2016 10:24:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.801	0.801	0.000	89	9098	NC	NC	
2 Dichlorodifluoromethane	85	0.809	0.809	0.000	99	73118	20.0	17.1	
3 Vinyl chloride	62	0.924	0.924	0.000	98	89904	20.0	18.3	
4 Butadiene	54	0.932	0.932	0.000	88	65665	NC	NC	
5 Chloromethane	50	0.941	0.941	0.000	91	126589	20.0	18.5	
6 Bromomethane	94	1.072	1.072	0.000	99	53363	20.0	16.6	
8 Chloroethane	64	1.122	1.122	0.000	99	83423	20.0	19.2	
9 Pentane	72	1.179	1.179	0.000	96	18761	40.0	22.9	
10 Trichlorofluoromethane	101	1.187	1.187	0.000	98	127860	20.0	17.0	
11 Dichlorofluoromethane	67	1.212	1.212	0.000	99	200948	NC	NC	
12 2-Methyl-1,3-butadiene	67	1.319	1.319	0.000	98	123366	20.0	17.5	
13 Ethyl ether	59	1.336	1.336	0.000	95	88640	20.0	19.6	
15 1,2-Dichloro-1,1,2-trifluo	67	1.426	1.426	0.000	86	96816	NC	NC	
16 1,1-Dichloroethene	96	1.426	1.426	0.000	98	75197	20.0	18.1	
14 Ethanol	46	1.434	1.434	0.000	48	24307	800.0	662.6	
17 Carbon disulfide	76	1.434	1.434	0.000	100	271017	20.0	18.4	
18 1,1,2-Trichloro-1,2,2-trif	101	1.443	1.443	0.000	98	50206	20.0	15.3	
19 Iodomethane	142	1.492	1.492	0.000	99	53556	20.0	12.3	
20 Cyclopentene	67	1.566	1.566	0.000	96	156141	NC	NC	
21 Acrolein	56	1.591	1.591	0.000	95	29240	40.0	37.5	
22 3-Chloro-1-propene	76	1.657	1.657	0.000	88	46316	20.0	19.1	
23 Isopropyl alcohol	45	1.689	1.689	0.000	93	67558	200.0	181.5	
24 Methylene Chloride	84	1.714	1.714	0.000	97	84620	20.0	18.9	
25 Acetone	58	1.739	1.739	0.000	86	52506	100.0	88.6	
26 trans-1,2-Dichloroethene	96	1.796	1.796	0.000	96	80576	20.0	17.8	
27 Methyl acetate	74	1.805	1.805	0.000	99	83698	100.0	90.5	
28 Hexane	57	1.846	1.846	0.000	74	128413	20.0	16.9	
29 Methyl tert-butyl ether	73	1.862	1.862	0.000	97	273121	20.0	19.0	
* 30 TBA-d9 (IS)	65	1.887	1.887	0.000	98	546679	1000.0	1000.0	
31 2-Methyl-2-propanol	59	1.928	1.928	0.000	99	111095	200.0	177.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acetonitrile	41	1.994	1.994	0.000	99	115577	200.0	182.9	
33 Isopropyl ether	45	2.076	2.076	0.000	95	283493	20.0	19.3	
34 2-Chloro-1,3-butadiene	88	2.126	2.126	0.000	94	66886	NC	NC	
35 1,1-Dichloroethane	63	2.134	2.134	0.000	100	162539	20.0	19.4	
36 Acrylonitrile	53	2.167	2.167	0.000	92	377480	200.0	191.5	
37 Tert-butyl ethyl ether	59	2.298	2.298	0.000	61	289155	NC	NC	
38 Vinyl acetate	86	2.298	2.298	0.000	99	32429	40.0	38.0	
39 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	96	89422	20.0	18.9	
40 2,2-Dichloropropane	77	2.537	2.537	0.000	96	129800	20.0	19.7	
41 Cyclohexane	56	2.595	2.595	0.000	92	96137	20.0	16.4	
42 Chlorobromomethane	128	2.595	2.595	0.000	92	46893	20.0	19.0	
43 Chloroform	83	2.652	2.652	0.000	97	148756	20.0	18.6	
44 Carbon tetrachloride	117	2.743	2.743	0.000	97	102972	20.0	18.1	
45 Ethyl acetate	70	2.751	2.751	0.000	99	22949	40.0	38.0	
46 Methyl acrylate	55	2.751	2.751	0.000	55	95085	NC	NC	
47 Tetrahydrofuran	42	2.759	2.759	0.000	93	92033	40.0	38.3	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	96	187064	50.0	47.9	
49 1,1,1-Trichloroethane	97	2.784	2.784	0.000	98	124768	20.0	18.5	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	99	531513	250.0	250.0	
51 2-Butanone (MEK)	72	2.875	2.875	0.000	99	74194	100.0	94.1	
52 1,1-Dichloropropene	75	2.875	2.875	0.000	93	123814	20.0	17.5	
53 Isooctane	57	2.965	2.965	0.000	97	106734	NC	NC	
54 n-Heptane	57	3.056	3.056	0.000	48	36981	20.0	15.8	
55 Benzene	78	3.056	3.056	0.000	97	353045	20.0	20.5	
56 Propionitrile	54	3.072	3.072	0.000	99	151440	NC	NC	
57 Methacrylonitrile	67	3.089	3.089	0.000	93	445437	NC	NC	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	97	233931	50.0	47.6	
59 Tert-amyl methyl ether	73	3.163	3.163	0.000	97	281386	NC	NC	
60 1,2-Dichloroethane	62	3.212	3.212	0.000	97	132542	20.0	18.6	
61 Isobutyl alcohol	43	3.286	3.286	0.000	98	131782	NC	NC	
62 t-Amyl alcohol	59	3.352	3.352	0.000	96	94539	NC	NC	
* 63 Fluorobenzene	96	3.385	3.385	0.000	99	750213	50.0	50.0	
65 Isopropyl acetate	43	3.451	3.451	0.000	99	207590	20.0	19.9	
66 Methylcyclohexane	83	3.508	3.508	0.000	95	94084	20.0	16.2	
67 Trichloroethene	95	3.525	3.525	0.000	97	86591	20.0	18.3	
68 2-ethoxy-2-methyl butane	59	3.763	3.763	0.000	98	227669	NC	NC	
69 Dibromomethane	93	3.879	3.879	0.000	95	57584	20.0	18.2	
70 n-Butanol	56	3.903	3.903	0.000	90	79765	500.0	459.3	
71 1,2-Dichloropropane	63	3.969	3.969	0.000	87	91228	20.0	18.8	
72 Ethyl acrylate	55	4.043	4.043	0.000	98	130334	20.0	19.6	
73 Dichlorobromomethane	83	4.051	4.051	0.000	97	120099	20.0	18.6	
* 74 1,4-Dioxane-d8	96	4.232	4.232	0.000	74	65537	1000.0	1000.0	
75 Methyl methacrylate	100	4.232	4.232	0.000	92	58809	40.0	38.9	
76 1,4-Dioxane	88	4.265	4.265	0.000	94	28194	400.0	361.2	
77 n-Propyl acetate	43	4.389	4.389	0.000	100	155440	20.0	19.1	
78 2-Chloroethyl vinyl ether	63	4.644	4.644	0.000	95	22821	20.0	14.9	
79 cis-1,3-Dichloropropene	75	4.669	4.669	0.000	97	153265	20.0	20.3	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	99	734524	50.0	51.3	
81 Toluene	91	4.907	4.907	0.000	93	380977	20.0	20.4	
82 Epichlorohydrin	57	4.940	4.940	0.000	99	199428	400.0	418.6	
83 2-Nitropropane	41	5.154	5.154	0.000	99	68691	NC	NC	
84 Tetrachloroethene	166	5.327	5.327	0.000	96	85121	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 4-Methyl-2-pentanone (MIBK	43	5.368	5.368	0.000	98	551853	100.0	95.7	
86 trans-1,3-Dichloropropene	75	5.401	5.401	0.000	97	145372	20.0	20.3	
87 1,1,2-Trichloroethane	83	5.574	5.574	0.000	93	68559	20.0	19.9	
88 Ethyl methacrylate	69	5.656	5.656	0.000	90	127024	NC	NC	
89 Chlorodibromomethane	129	5.763	5.763	0.000	98	95422	20.0	19.7	
90 1,3-Dichloropropane	76	5.878	5.878	0.000	95	145615	20.0	20.4	
91 Ethylene Dibromide	107	6.002	6.002	0.000	98	86082	20.0	20.3	
92 n-Butyl acetate	43	6.356	6.356	0.000	98	164036	20.0	21.1	
93 2-Hexanone	43	6.413	6.413	0.000	97	414812	100.0	96.7	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	86	641871	50.0	50.0	
95 Chlorobenzene	112	6.701	6.701	0.000	96	234160	20.0	19.2	
96 Ethylbenzene	106	6.792	6.792	0.000	98	124508	20.0	19.2	
97 1,1,1,2-Tetrachloroethane	131	6.817	6.817	0.000	93	86945	20.0	19.4	
98 m-Xylene & p-Xylene	106	6.998	6.998	0.000	96	152729	20.0	19.4	
99 o-Xylene	106	7.582	7.582	0.000	95	156417	20.0	19.8	
100 Bromoform	173	7.640	7.640	0.000	95	63605	20.0	18.3	
101 Styrene	104	7.664	7.664	0.000	95	256480	20.0	19.6	
102 n-Butyl acrylate	73	8.002	8.002	0.000	97	65811	20.0	19.0	
103 Isopropylbenzene	105	8.059	8.059	0.000	96	369447	20.0	18.9	
104 Amyl acetate (mixed isomer	43	8.413	8.413	0.000	90	163953	20.0	16.8	
$ 105 4-Bromofluorobenzene	174	8.430	8.430	0.000	95	249300	50.0	49.4	
106 Bromobenzene	156	8.528	8.528	0.000	94	107036	20.0	19.0	
107 N-Propylbenzene	91	8.693	8.693	0.000	99	436314	20.0	18.4	
108 1,1,2,2-Tetrachloroethane	83	8.833	8.833	0.000	96	103650	20.0	17.8	
109 2-Chlorotoluene	91	8.858	8.858	0.000	98	295584	20.0	18.2	
110 4-Ethyltoluene	105	8.882	8.882	0.000	98	361251	NC	NC	
111 1,2,3-Trichloropropane	110	8.965	8.965	0.000	96	33634	20.0	17.1	
112 1,3,5-Trimethylbenzene	105	9.039	9.039	0.000	94	320552	20.0	18.7	
113 trans-1,4-Dichloro-2-buten	53	9.088	9.088	0.000	92	34365	NC	NC	
114 4-Chlorotoluene	91	9.121	9.121	0.000	97	277443	20.0	18.1	
115 tert-Butylbenzene	119	9.499	9.499	0.000	96	275658	20.0	18.9	
116 1,2,4-Trimethylbenzene	105	9.623	9.623	0.000	97	337959	20.0	18.6	
117 Butyl Methacrylate	87	9.639	9.639	0.000	93	126131	20.0	18.6	
118 sec-Butylbenzene	105	9.787	9.787	0.000	99	394045	20.0	18.7	
119 1,3-Dichlorobenzene	146	10.034	10.034	0.000	96	200071	20.0	19.0	
120 4-Isopropyltoluene	119	10.067	10.067	0.000	98	369979	20.0	19.0	
* 121 1,4-Dichlorobenzene-d4	152	10.174	10.174	0.000	95	413255	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.191	10.191	0.000	95	208404	20.0	18.5	
123 2,3-Dihydroindene	117	10.471	10.471	0.000	94	354505	NC	NC	
124 Benzyl chloride	126	10.643	10.643	0.000	99	48788	20.0	19.4	
125 p-Diethylbenzene	119	10.676	10.676	0.000	94	189457	NC	NC	
126 n-Butylbenzene	91	10.759	10.759	0.000	98	312211	20.0	18.0	
127 1,2-Dichlorobenzene	146	10.857	10.857	0.000	97	203709	20.0	18.9	
128 1,2,4,5-Tetramethylbenzene	119	11.779	11.779	0.000	98	369476	NC	NC	
129 1,2-Dibromo-3-Chloropropan	157	11.894	11.894	0.000	93	30790	20.0	19.6	
130 1,3,5-Trichlorobenzene	180	11.935	11.935	0.000	97	148701	NC	NC	
131 1,2,4-Trichlorobenzene	180	12.470	12.470	0.000	94	156342	20.0	19.1	
132 Hexachlorobutadiene	225	12.487	12.487	0.000	90	46662	20.0	17.6	
133 Naphthalene	128	12.693	12.693	0.000	99	413294	20.0	20.1	
134 1,2,3-Trichlorobenzene	180	12.816	12.816	0.000	95	142266	20.0	18.7	
S 135 1,2-Dichloroethene, Total	100				0		40.0	36.6	
S 136 1,3-Dichloropropene, Total	100				0		40.0	40.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	39.3	
S 138 Total BTEX	1				0		100.0	99.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

MIX 2 Hi_00048	Amount Added:	2.00	Units: uL		
ACROLEIN W_00056	Amount Added:	4.00	Units: uL		
MIX I Hi_00062	Amount Added:	2.00	Units: uL		
GAS Hi_00167	Amount Added:	2.00	Units: uL		
8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 04-Oct-2016 18:19:52 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60483.D

Injection Date: 01-Oct-2016 17:09:30 Instrument ID: CVOAMS5 Operator ID:

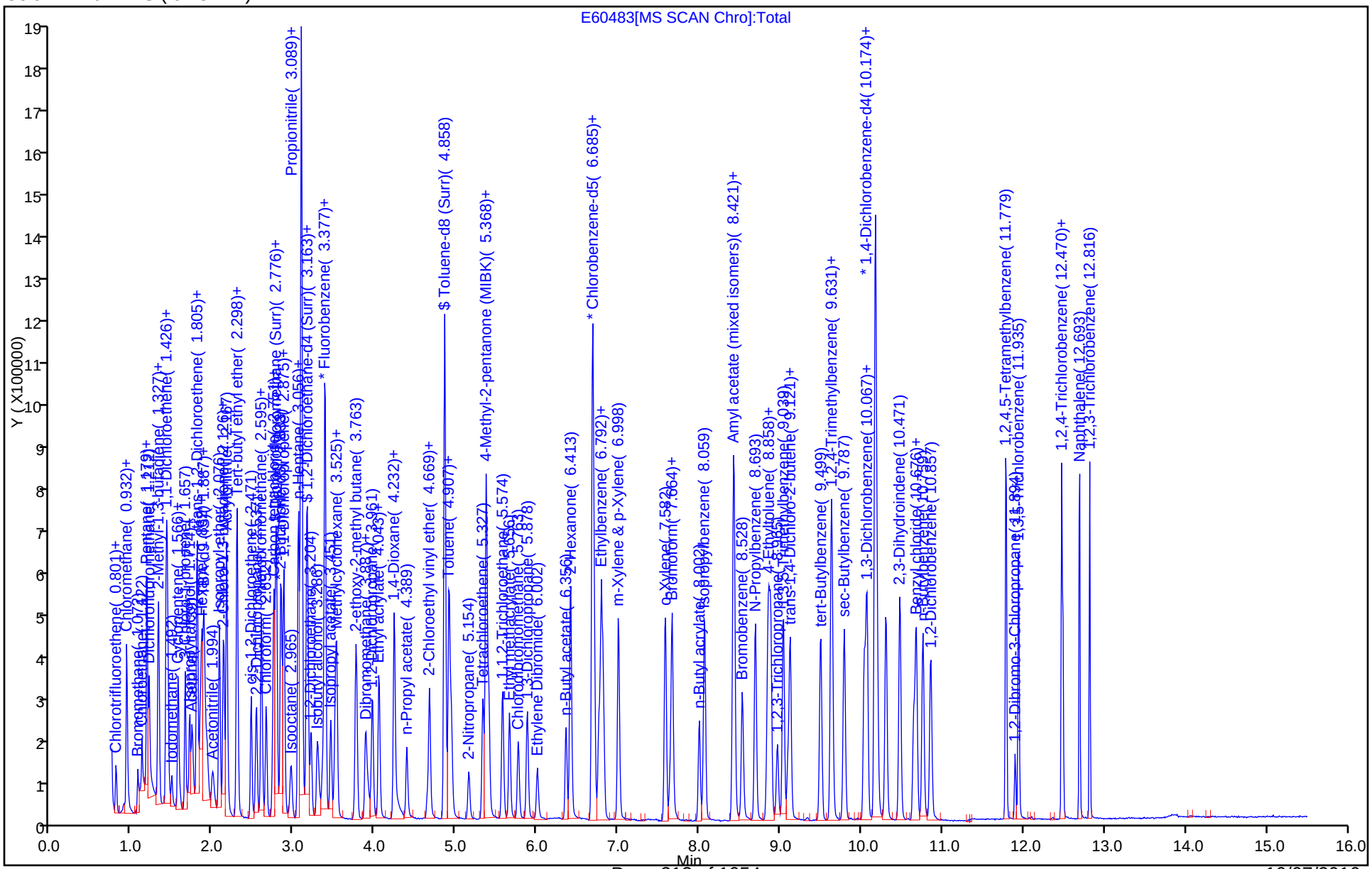
Lims ID: STD20 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_5 Limit Group: VOA 624 ICAL

Column: Rtx-VMS (0.18 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60484.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 01-Oct-2016 17:35:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0046290-006
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub52

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 04-Oct-2016 18:19:58 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: desais Date: 02-Oct-2016 10:43:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.801	0.801	0.000	90	19686	NC	NC	
2 Dichlorodifluoromethane	85	0.809	0.809	0.000	99	165987	50.0	51.5	
3 Vinyl chloride	62	0.924	0.924	0.000	98	182651	50.0	49.6	
4 Butadiene	54	0.932	0.932	0.000	93	142953	NC	NC	
5 Chloromethane	50	0.941	0.941	-0.001	99	262894	50.0	51.2	
6 Bromomethane	94	1.072	1.072	0.000	99	118962	50.0	49.3	
8 Chloroethane	64	1.122	1.122	0.000	99	171556	50.0	53.2	
9 Pentane	72	1.187	1.179	0.008	96	58451	100.0	95.1	
10 Trichlorofluoromethane	101	1.187	1.187	0.000	66	290288	50.0	51.3	
11 Dichlorofluoromethane	67	1.212	1.212	0.000	99	380543	NC	NC	
12 2-Methyl-1,3-butadiene	67	1.319	1.319	0.000	98	269668	50.0	51.0	
13 Ethyl ether	59	1.336	1.336	0.000	94	176534	50.0	51.9	
15 1,2-Dichloro-1,1,2-trifluo	67	1.426	1.426	0.000	83	176185	NC	NC	
16 1,1-Dichloroethene	96	1.426	1.426	0.000	98	150684	50.0	48.3	
14 Ethanol	46	1.434	1.434	0.000	26	47835	2000.0	1760.5	
17 Carbon disulfide	76	1.434	1.434	0.000	100	538509	50.0	48.7	
18 1,1,2-Trichloro-1,2,2-trif	101	1.443	1.443	0.000	98	117688	50.0	47.6	
19 Iodomethane	142	1.492	1.492	0.000	99	137983	50.0	42.1	
20 Cyclopentene	67	1.566	1.566	0.000	97	352803	NC	NC	
21 Acrolein	56	1.591	1.591	0.000	98	59526	100.0	102.9	
22 3-Chloro-1-propene	76	1.656	1.657	-0.001	88	91618	50.0	50.4	
23 Isopropyl alcohol	45	1.689	1.689	0.000	97	134016	500.0	486.2	
24 Methylene Chloride	84	1.714	1.714	0.000	95	172231	50.0	51.2	
25 Acetone	58	1.739	1.739	0.000	86	111439	250.0	250.4	
26 trans-1,2-Dichloroethene	96	1.796	1.796	0.000	96	161772	50.0	47.5	
27 Methyl acetate	74	1.805	1.805	0.000	100	171363	250.0	250.2	
28 Hexane	57	1.846	1.846	0.000	93	291645	50.0	51.1	
29 Methyl tert-butyl ether	73	1.862	1.862	0.000	97	557249	50.0	51.5	
* 30 TBA-d9 (IS)	65	1.887	1.887	0.000	99	404891	1000.0	1000.0	
31 2-Methyl-2-propanol	59	1.928	1.928	0.000	99	229915	500.0	494.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acetonitrile	41	1.994	1.994	0.000	98	234473	500.0	500.9	
33 Isopropyl ether	45	2.076	2.076	0.000	95	585324	50.0	53.0	
34 2-Chloro-1,3-butadiene	88	2.126	2.126	0.000	95	145555	NC	NC	
35 1,1-Dichloroethane	63	2.134	2.134	0.000	100	335918	50.0	53.3	
36 Acrylonitrile	53	2.167	2.167	0.000	92	808324	500.0	545.8	
37 Tert-butyl ethyl ether	59	2.290	2.298	-0.008	66	614030	NC	NC	
38 Vinyl acetate	86	2.298	2.298	0.000	99	71585	100.0	111.7	
39 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	96	192386	50.0	54.0	
40 2,2-Dichloropropane	77	2.537	2.537	0.000	96	262575	50.0	53.0	
41 Cyclohexane	56	2.595	2.595	0.000	92	231257	50.0	52.6	
42 Chlorobromomethane	128	2.595	2.595	0.000	91	99069	50.0	53.4	
43 Chloroform	83	2.652	2.652	0.000	97	312927	50.0	52.1	
44 Carbon tetrachloride	117	2.743	2.743	0.000	97	217819	50.0	51.0	
45 Ethyl acetate	70	2.751	2.751	0.000	98	49219	100.0	108.5	
46 Methyl acrylate	55	2.751	2.751	0.000	91	199980	NC	NC	
47 Tetrahydrofuran	42	2.759	2.759	0.000	94	201217	100.0	111.4	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	96	160731	50.0	54.8	
49 1,1,1-Trichloroethane	97	2.784	2.784	0.000	98	262969	50.0	51.9	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	99	399210	250.0	250.0	
51 2-Butanone (MEK)	72	2.866	2.875	-0.009	100	160444	250.0	271.0	
52 1,1-Dichloropropene	75	2.874	2.875	-0.001	94	244896	50.0	46.1	
53 Isooctane	57	2.965	2.965	0.000	98	316716	NC	NC	
54 n-Heptane	57	3.056	3.056	0.000	51	93732	50.0	53.2	
55 Benzene	78	3.056	3.056	0.000	97	734166	50.0	53.4	
56 Propionitrile	54	3.072	3.072	0.000	99	322703	NC	NC	
57 Methacrylonitrile	67	3.088	3.089	0.000	93	929240	NC	NC	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	97	200740	50.0	54.4	
59 Tert-amyl methyl ether	73	3.163	3.163	0.000	97	592599	NC	NC	
60 1,2-Dichloroethane	62	3.212	3.212	0.000	98	282117	50.0	52.7	
61 Isobutyl alcohol	43	3.286	3.286	0.000	97	285172	NC	NC	
62 t-Amyl alcohol	59	3.352	3.352	0.000	96	204063	NC	NC	
* 63 Fluorobenzene	96	3.385	3.385	0.000	98	563715	50.0	50.0	
65 Isopropyl acetate	43	3.451	3.451	0.000	99	433673	50.0	55.3	
66 Methylcyclohexane	83	3.508	3.508	0.000	95	234333	50.0	53.8	
67 Trichloroethene	95	3.525	3.525	0.000	97	185305	50.0	52.0	
68 2-ethoxy-2-methyl butane	59	3.763	3.763	0.000	98	481333	NC	NC	
69 Dibromomethane	93	3.879	3.879	-0.001	95	127429	50.0	53.5	
70 n-Butanol	56	3.895	3.903	-0.008	91	171959	1250.0	1337.0	
71 1,2-Dichloropropane	63	3.961	3.969	-0.008	87	193041	50.0	52.9	
72 Ethyl acrylate	55	4.043	4.043	0.000	98	284756	50.0	57.1	
73 Dichlorobromomethane	83	4.051	4.051	0.000	98	259743	50.0	53.7	
* 74 1,4-Dioxane-d8	96	4.232	4.232	0.000	45	49407	1000.0	1000.0	
75 Methyl methacrylate	100	4.232	4.232	0.000	91	125824	100.0	110.9	
76 1,4-Dioxane	88	4.265	4.265	0.000	96	61077	1000.0	1038.1	
77 n-Propyl acetate	43	4.389	4.389	0.000	100	323473	50.0	53.0	
78 2-Chloroethyl vinyl ether	63	4.644	4.644	0.000	97	60321	50.0	52.6	
79 cis-1,3-Dichloropropene	75	4.669	4.669	0.000	97	325801	50.0	53.9	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	99	627464	50.0	54.8	
81 Toluene	91	4.907	4.907	0.000	93	787510	50.0	52.8	
82 Epichlorohydrin	57	4.940	4.940	0.000	99	439135	1000.0	1227.4	
83 2-Nitropropane	41	5.154	5.154	0.000	98	144917	NC	NC	
84 Tetrachloroethene	166	5.327	5.327	0.000	97	180611	50.0	51.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 4-Methyl-2-pentanone (MIBK	43	5.368	5.368	0.000	98	1182024	250.0	272.8	
86 trans-1,3-Dichloropropene	75	5.401	5.401	0.000	97	315705	50.0	55.2	
87 1,1,2-Trichloroethane	83	5.574	5.574	0.000	94	147357	50.0	53.6	
88 Ethyl methacrylate	69	5.656	5.656	0.000	90	275129	NC	NC	
89 Chlorodibromomethane	129	5.763	5.763	0.000	98	198746	50.0	51.4	
90 1,3-Dichloropropane	76	5.878	5.878	0.000	96	307335	50.0	54.0	
91 Ethylene Dibromide	107	6.002	6.002	0.000	98	186436	50.0	54.9	
92 n-Butyl acetate	43	6.356	6.356	0.000	98	353580	50.0	56.8	
93 2-Hexanone	43	6.413	6.413	0.000	97	895815	250.0	278.0	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	88	512639	50.0	50.0	
95 Chlorobenzene	112	6.701	6.701	0.000	94	527887	50.0	54.1	
96 Ethylbenzene	106	6.792	6.792	0.000	99	280244	50.0	54.0	
97 1,1,1,2-Tetrachloroethane	131	6.817	6.817	0.000	94	191582	50.0	53.5	
98 m-Xylene & p-Xylene	106	6.998	6.998	0.000	97	341733	50.0	54.4	
99 o-Xylene	106	7.582	7.582	0.000	94	337140	50.0	53.5	
100 Bromoform	173	7.639	7.640	-0.001	95	144463	50.0	52.1	
101 Styrene	104	7.664	7.664	0.000	95	557922	50.0	53.5	
102 n-Butyl acrylate	73	7.993	8.002	-0.009	98	156511	50.0	56.5	
103 Isopropylbenzene	105	8.067	8.059	0.008	96	808197	50.0	51.7	
104 Amyl acetate (mixed isomer	43	8.413	8.413	0.000	90	417880	50.0	55.6	
$ 105 4-Bromofluorobenzene	174	8.430	8.430	0.000	93	220207	50.0	54.7	
106 Bromobenzene	156	8.528	8.528	0.000	95	235160	50.0	54.3	
107 N-Propylbenzene	91	8.693	8.693	0.000	99	942184	50.0	51.7	
108 1,1,2,2-Tetrachloroethane	83	8.841	8.833	0.008	97	233317	50.0	52.0	
109 2-Chlorotoluene	91	8.857	8.858	-0.001	98	658371	50.0	52.6	
110 4-Ethyltoluene	105	8.882	8.882	0.000	98	802762	NC	NC	
111 1,2,3-Trichloropropane	110	8.964	8.965	-0.001	97	74460	50.0	49.2	
112 1,3,5-Trimethylbenzene	105	9.039	9.039	0.000	94	709673	50.0	53.8	
113 trans-1,4-Dichloro-2-buten	53	9.088	9.088	0.000	92	81859	NC	NC	
114 4-Chlorotoluene	91	9.121	9.121	0.000	97	633911	50.0	53.6	
115 tert-Butylbenzene	119	9.499	9.499	0.000	95	611522	50.0	54.6	
116 1,2,4-Trimethylbenzene	105	9.623	9.623	0.000	97	768178	50.0	54.8	
117 Butyl Methacrylate	87	9.639	9.639	0.000	96	289249	50.0	55.6	
118 sec-Butylbenzene	105	9.787	9.787	0.000	99	873948	50.0	54.0	
119 1,3-Dichlorobenzene	146	10.034	10.034	0.000	96	446925	50.0	55.3	
120 4-Isopropyltoluene	119	10.067	10.067	0.000	98	816274	50.0	54.5	
* 121 1,4-Dichlorobenzene-d4	152	10.174	10.174	0.000	94	317926	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.191	10.191	0.000	97	467228	50.0	54.0	
123 2,3-Dihydroindene	117	10.471	10.471	-0.001	95	800838	NC	NC	
124 Benzyl chloride	126	10.643	10.643	0.000	98	109195	50.0	56.3	
125 p-Diethylbenzene	119	10.676	10.676	0.000	94	451893	NC	NC	
126 n-Butylbenzene	91	10.759	10.759	0.000	98	734850	50.0	55.0	
127 1,2-Dichlorobenzene	146	10.857	10.857	0.000	96	462204	50.0	55.8	
128 1,2,4,5-Tetramethylbenzene	119	11.787	11.779	0.008	98	830472	NC	NC	
129 1,2-Dibromo-3-Chloropropan	157	11.894	11.894	0.000	94	69472	50.0	57.6	
130 1,3,5-Trichlorobenzene	180	11.935	11.935	0.000	97	344864	NC	NC	
131 1,2,4-Trichlorobenzene	180	12.470	12.470	0.000	94	346856	50.0	55.1	
132 Hexachlorobutadiene	225	12.487	12.487	0.000	91	104461	50.0	51.1	
133 Naphthalene	128	12.693	12.693	0.000	99	929280	50.0	58.8	
134 1,2,3-Trichlorobenzene	180	12.816	12.816	0.000	95	319307	50.0	54.5	
S 135 1,2-Dichloroethene, Total	100				0		100.0	101.5	
S 136 1,3-Dichloropropene, Total	100				0		100.0	109.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		100.0	107.9	
S 138 Total BTEX	1				0		250.0	268.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

MIX 2 Hi_00048	Amount Added: 5.00	Units: uL		
ACROLEIN W_00056	Amount Added: 10.00	Units: uL		
MIX I Hi_00062	Amount Added: 5.00	Units: uL		
GAS Hi_00167	Amount Added: 5.00	Units: uL		
8260ISNEW_00089	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00141	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 04-Oct-2016 18:20:06 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60484.D

Injection Date: 01-Oct-2016 17:35:30 Instrument ID: CVOAMS5 Operator ID:

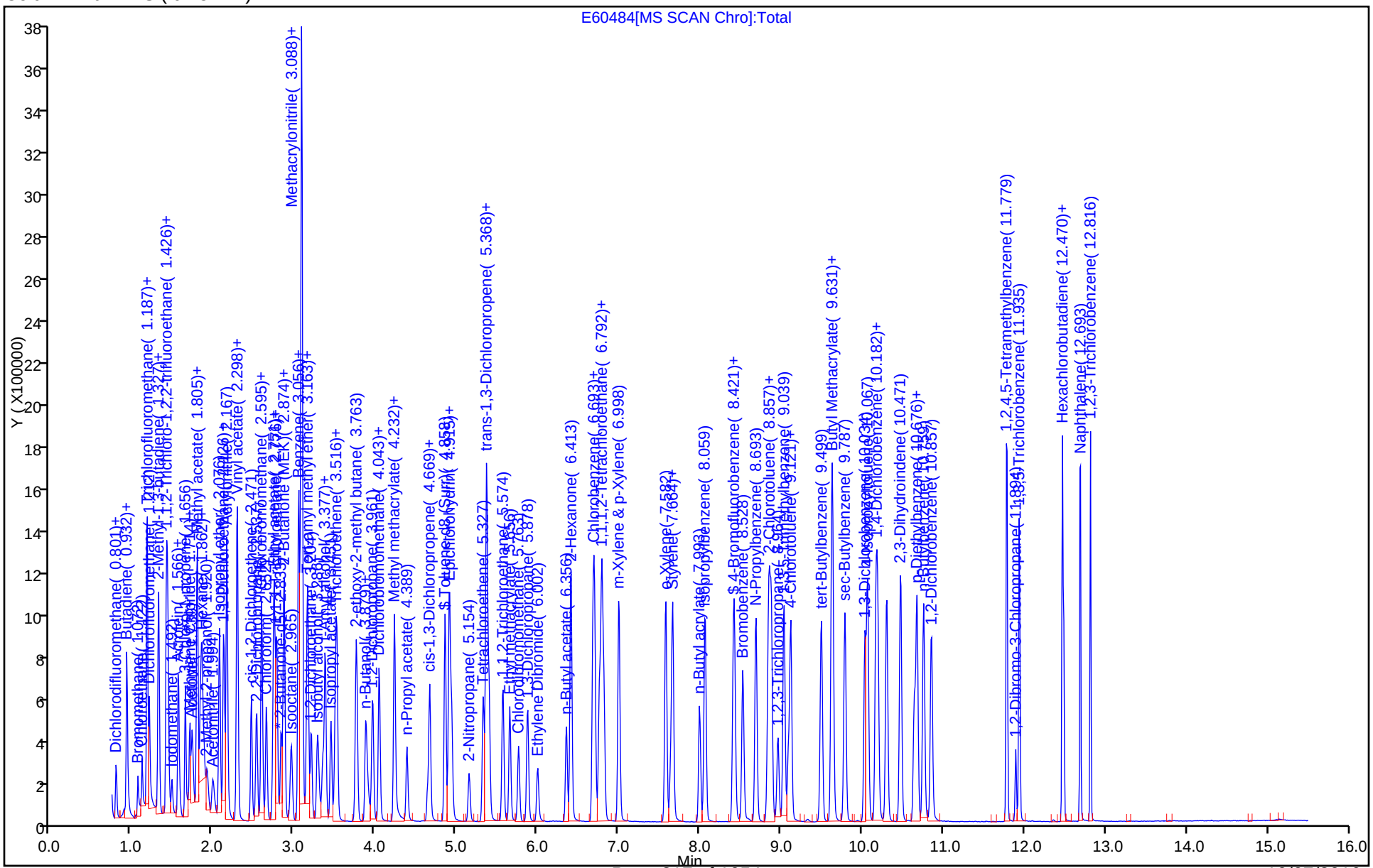
Lims ID: STD50 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260W_5 Limit Group: VOA 624 ICAL

Column: Rtx-VMS (0.18 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60485.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 01-Oct-2016 18:01:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0046290-007
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub52

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 04-Oct-2016 18:20:15 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: desais Date: 02-Oct-2016 10:43:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.801	0.801	0.000	90	87068	NC	NC	
2 Dichlorodifluoromethane	85	0.809	0.809	0.000	98	780211	200.0	204.8	
3 Vinyl chloride	62	0.924	0.924	0.000	98	874008	200.0	200.5	
4 Butadiene	54	0.932	0.932	0.000	93	728662	NC	NC	
5 Chloromethane	50	0.941	0.941	0.000	99	1263070	200.0	208.1	
6 Bromomethane	94	1.072	1.072	0.000	98	622637	200.0	218.4	
8 Chloroethane	64	1.122	1.122	0.000	99	686201	200.0	181.6	
9 Pentane	72	1.179	1.179	0.000	95	234862	400.0	323.2	
10 Trichlorofluoromethane	101	1.187	1.187	0.000	99	1159965	200.0	173.2	
11 Dichlorofluoromethane	67	1.212	1.212	0.000	99	1579939	NC	NC	
12 2-Methyl-1,3-butadiene	67	1.319	1.319	0.000	98	1400889	200.0	223.8	
13 Ethyl ether	59	1.336	1.336	0.000	94	818586	200.0	203.4	
15 1,2-Dichloro-1,1,2-trifluo	67	1.426	1.426	0.000	84	755691	NC	NC	
16 1,1-Dichloroethene	96	1.426	1.426	0.000	98	725910	200.0	196.7	
14 Ethanol	46	1.434	1.434	0.000	32	213702	8000.0	6714.3	
17 Carbon disulfide	76	1.434	1.434	0.000	100	2543168	200.0	194.4	
18 1,1,2-Trichloro-1,2,2-trif	101	1.443	1.443	0.000	97	583939	200.0	199.6	
19 Iodomethane	142	1.492	1.492	0.000	99	815793	200.0	210.3	
20 Cyclopentene	67	1.566	1.566	0.000	97	1750655	NC	NC	
21 Acrolein	56	1.591	1.591	0.000	96	132418	200.0	195.5	
22 3-Chloro-1-propene	76	1.657	1.657	0.000	88	409747	200.0	190.5	
23 Isopropyl alcohol	45	1.698	1.689	0.009	94	613567	2000.0	1900.4	
24 Methylene Chloride	84	1.714	1.714	0.000	96	785586	200.0	197.6	
25 Acetone	58	1.747	1.739	0.008	85	481315	1000.0	904.7	
26 trans-1,2-Dichloroethene	96	1.796	1.796	0.000	96	764344	200.0	189.8	
27 Methyl acetate	74	1.805	1.805	0.000	99	789324	1000.0	984.0	
28 Hexane	57	1.838	1.846	-0.008	86	1224217	200.0	181.5	
29 Methyl tert-butyl ether	73	1.862	1.862	0.000	99	2529800	200.0	197.6	
* 30 TBA-d9 (IS)	65	1.887	1.887	0.000	98	474278	1000.0	1000.0	
31 2-Methyl-2-propanol	59	1.928	1.928	0.000	98	988608	2000.0	1816.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acetonitrile	41	2.002	1.994	0.008	98	998789	2000.0	1821.7	
33 Isopropyl ether	45	2.076	2.076	0.000	95	2769578	200.0	212.2	
34 2-Chloro-1,3-butadiene	88	2.126	2.126	0.000	94	733557	NC	NC	
35 1,1-Dichloroethane	63	2.134	2.134	0.000	100	1550336	200.0	208.0	
36 Acrylonitrile	53	2.167	2.167	0.000	93	3688445	2000.0	2106.1	
37 Tert-butyl ethyl ether	59	2.299	2.298	0.000	66	2793290	NC	NC	
38 Vinyl acetate	86	2.299	2.298	0.000	99	315331	400.0	416.0	
39 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	96	883532	200.0	209.8	
40 2,2-Dichloropropane	77	2.537	2.537	0.000	97	1193942	200.0	203.9	
41 Cyclohexane	56	2.595	2.595	0.000	92	1020190	200.0	196.1	
42 Chlorobromomethane	128	2.595	2.595	0.000	86	451165	200.0	205.7	
43 Chloroform	83	2.652	2.652	0.000	98	1426300	200.0	200.8	
44 Carbon tetrachloride	117	2.743	2.743	0.000	97	1020334	200.0	201.9	
45 Ethyl acetate	70	2.751	2.751	0.000	99	224292	400.0	413.5	
46 Methyl acrylate	55	2.751	2.751	0.000	58	893587	NC	NC	
47 Tetrahydrofuran	42	2.759	2.759	0.000	96	865900	400.0	401.0	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	96	170661	50.0	49.2	
49 1,1,1-Trichloroethane	97	2.784	2.784	0.000	98	1195903	200.0	199.4	
* 50 2-Butanone-d5	46	2.842	2.833	0.009	98	477188	250.0	250.0	
51 2-Butanone (MEK)	72	2.875	2.875	0.000	100	691848	1000.0	977.7	
52 1,1-Dichloropropene	75	2.875	2.875	0.000	94	1079043	200.0	171.7	
53 Isooctane	57	2.965	2.965	0.000	98	1753622	NC	NC	
54 n-Heptane	57	3.056	3.056	0.000	50	383795	200.0	184.2	
55 Benzene	78	3.056	3.056	0.000	97	3262137	200.0	198.2	
56 Propionitrile	54	3.089	3.072	0.017	99	1437182	NC	NC	
57 Methacrylonitrile	67	3.097	3.089	0.009	93	4178659	NC	NC	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.163	3.154	0.009	98	209227	50.0	47.9	
59 Tert-amyl methyl ether	73	3.163	3.163	0.000	97	2606347	NC	NC	
60 1,2-Dichloroethane	62	3.212	3.212	0.000	97	1237857	200.0	195.4	
61 Isobutyl alcohol	43	3.294	3.286	0.008	98	1265604	NC	NC	
62 t-Amyl alcohol	59	3.360	3.352	0.008	96	894274	NC	NC	
* 63 Fluorobenzene	96	3.385	3.385	0.000	99	666618	50.0	50.0	
65 Isopropyl acetate	43	3.451	3.451	0.000	99	1888249	200.0	203.6	
66 Methylcyclohexane	83	3.508	3.508	0.000	95	980598	200.0	190.5	
67 Trichloroethene	95	3.525	3.525	0.000	97	842580	200.0	200.0	
68 2-ethoxy-2-methyl butane	59	3.763	3.763	0.000	97	2206796	NC	NC	
69 Dibromomethane	93	3.879	3.879	0.000	95	559874	200.0	198.8	
70 n-Butanol	56	3.895	3.903	-0.008	90	737076	5000.0	4892.4	
71 1,2-Dichloropropane	63	3.969	3.969	0.000	88	798599	200.0	185.1	
72 Ethyl acrylate	55	4.043	4.043	0.000	98	1188221	200.0	201.4	
73 Dichlorobromomethane	83	4.051	4.051	0.000	98	1121228	200.0	195.9	
* 74 1,4-Dioxane-d8	96	4.241	4.232	0.009	90	58264	1000.0	1000.0	
75 Methyl methacrylate	100	4.232	4.232	0.000	89	559965	400.0	417.3	
76 1,4-Dioxane	88	4.265	4.265	0.000	95	263241	4000.0	3793.9	
77 n-Propyl acetate	43	4.389	4.389	0.000	99	1500968	200.0	207.9	
78 2-Chloroethyl vinyl ether	63	4.644	4.644	0.000	96	282341	200.0	208.1	
79 cis-1,3-Dichloropropene	75	4.669	4.669	0.000	96	1438891	200.0	199.0	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	99	649071	50.0	47.4	
81 Toluene	91	4.916	4.907	0.009	93	3549830	200.0	199.1	
82 Epichlorohydrin	57	4.940	4.940	0.000	99	2009649	4000.0	4699.0	
83 2-Nitropropane	41	5.154	5.154	0.000	99	665333	NC	NC	
84 Tetrachloroethene	166	5.327	5.327	0.000	97	840134	200.0	199.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 4-Methyl-2-pentanone (MIBK	43	5.376	5.368	0.008	98	5181433	1000.0	1000.5	
86 trans-1,3-Dichloropropene	75	5.401	5.401	0.000	94	1427455	200.0	208.8	
87 1,1,2-Trichloroethane	83	5.574	5.574	0.000	94	668728	200.0	203.2	
88 Ethyl methacrylate	69	5.656	5.656	0.000	90	1244030	NC	NC	
89 Chlorodibromomethane	129	5.763	5.763	0.000	98	967897	200.0	209.0	
90 1,3-Dichloropropane	76	5.878	5.878	0.000	94	1382571	200.0	203.1	
91 Ethylene Dibromide	107	6.002	6.002	0.000	98	843346	200.0	207.6	
92 n-Butyl acetate	43	6.356	6.356	0.000	98	1540010	200.0	206.8	
93 2-Hexanone	43	6.413	6.413	0.000	97	3679617	1000.0	955.3	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	85	613377	50.0	50.0	
95 Chlorobenzene	112	6.701	6.701	0.000	95	2302212	200.0	197.0	
96 Ethylbenzene	106	6.792	6.792	0.000	99	1231795	200.0	198.3	
97 1,1,1,2-Tetrachloroethane	131	6.817	6.817	0.000	95	865679	200.0	202.0	
98 m-Xylene & p-Xylene	106	7.006	6.998	0.008	96	1563717	200.0	208.0	
99 o-Xylene	106	7.582	7.582	0.000	94	1576164	200.0	209.2	
100 Bromoform	173	7.640	7.640	0.000	94	719095	200.0	216.8	
101 Styrene	104	7.664	7.664	0.000	95	2691695	200.0	215.8	
102 n-Butyl acrylate	73	8.002	8.002	0.000	98	790005	200.0	238.5	
103 Isopropylbenzene	105	8.068	8.059	0.009	96	3917006	200.0	209.5	
104 Amyl acetate (mixed isomer	43	8.413	8.413	0.000	90	2029252	200.0	205.2	
$ 105 4-Bromofluorobenzene	174	8.430	8.430	0.000	90	248839	50.0	51.6	
106 Bromobenzene	156	8.528	8.528	0.000	95	1128625	200.0	198.0	
107 N-Propylbenzene	91	8.693	8.693	0.000	99	4742519	200.0	197.6	
108 1,1,2,2-Tetrachloroethane	83	8.841	8.833	0.008	97	1186741	200.0	201.1	
109 2-Chlorotoluene	91	8.858	8.858	0.000	98	3325218	200.0	201.9	
110 4-Ethyltoluene	105	8.891	8.882	0.008	98	4194887	NC	NC	
111 1,2,3-Trichloropropane	110	8.965	8.965	0.000	97	364621	200.0	183.1	
112 1,3,5-Trimethylbenzene	105	9.047	9.039	0.008	94	3506915	200.0	201.8	
113 trans-1,4-Dichloro-2-buten	53	9.096	9.088	0.008	91	448530	NC	NC	
114 4-Chlorotoluene	91	9.129	9.121	0.008	97	3156120	200.0	202.9	
115 tert-Butylbenzene	119	9.500	9.499	0.001	95	2945991	200.0	199.9	
116 1,2,4-Trimethylbenzene	105	9.631	9.623	0.008	97	3775767	200.0	204.8	
117 Butyl Methacrylate	87	9.648	9.639	0.009	95	1499554	200.0	219.0	
118 sec-Butylbenzene	105	9.796	9.787	0.009	98	4288609	200.0	201.3	
119 1,3-Dichlorobenzene	146	10.043	10.034	0.009	96	2158454	200.0	202.9	
120 4-Isopropyltoluene	119	10.076	10.067	0.009	98	3955781	200.0	200.6	
* 121 1,4-Dichlorobenzene-d4	152	10.174	10.174	0.000	96	418383	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.199	10.191	0.008	94	2200780	200.0	193.2	
123 2,3-Dihydroindene	117	10.479	10.471	0.008	94	3978185	NC	NC	
124 Benzyl chloride	126	10.643	10.643	0.000	98	544111	200.0	213.2	
125 p-Diethylbenzene	119	10.685	10.676	0.009	96	2251271	NC	NC	
126 n-Butylbenzene	91	10.767	10.759	0.008	98	3410039	200.0	193.8	
127 1,2-Dichlorobenzene	146	10.857	10.857	0.000	96	2152009	200.0	197.4	
128 1,2,4,5-Tetramethylbenzene	119	11.787	11.779	0.008	98	3937231	NC	NC	
129 1,2-Dibromo-3-Chloropropan	157	11.894	11.894	0.000	95	324735	200.0	204.6	
130 1,3,5-Trichlorobenzene	180	11.944	11.935	0.009	98	1628275	NC	NC	
131 1,2,4-Trichlorobenzene	180	12.470	12.470	0.000	94	1587184	200.0	191.6	
132 Hexachlorobutadiene	225	12.487	12.487	0.000	91	481103	200.0	178.9	
133 Naphthalene	128	12.693	12.693	0.000	99	4072117	200.0	195.9	
134 1,2,3-Trichlorobenzene	180	12.816	12.816	0.000	96	1454223	200.0	188.5	
S 135 1,2-Dichloroethene, Total	100				0		400.0	399.5	
S 136 1,3-Dichloropropene, Total	100				0		400.0	407.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		400.0	417.3	
S 138 Total BTEX	1				0		1000.0	1012.8	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

MIX 2 Hi_00048	Amount Added:	20.00	Units: uL	
ACROLEIN W_00056	Amount Added:	20.00	Units: uL	
MIX I Hi_00062	Amount Added:	20.00	Units: uL	
GAS Hi_00167	Amount Added:	20.00	Units: uL	
8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 04-Oct-2016 18:20:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60485.D

Injection Date: 01-Oct-2016 18:01:30 Instrument ID: CVOAMS5 Operator ID:

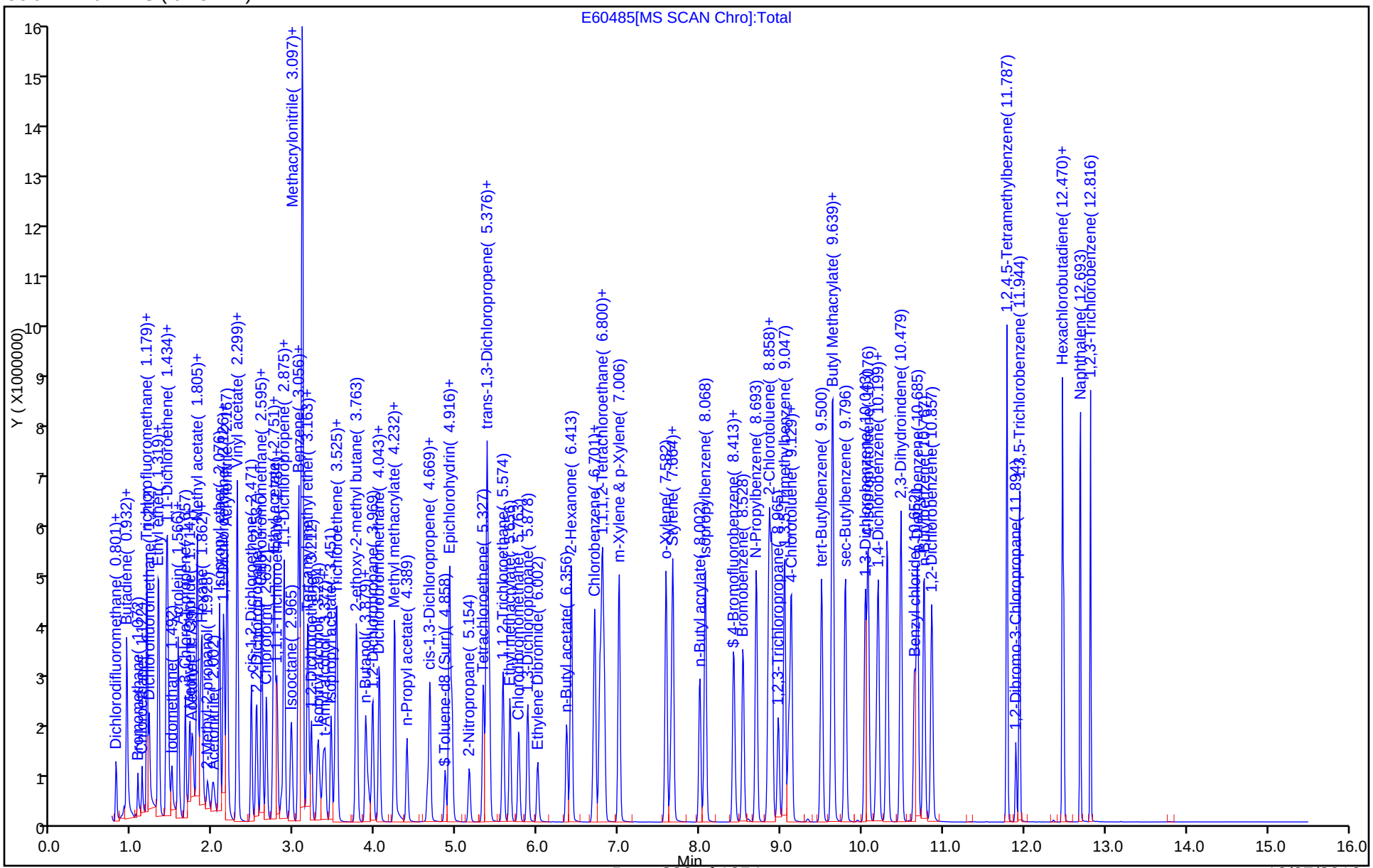
Lims ID: STD200 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260W_5 Limit Group: VOA 624 ICAL

Column: Rtx-VMS (0.18 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60486.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 01-Oct-2016 18:27:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0046290-008
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub52

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 04-Oct-2016 18:20:39 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: desais Date: 02-Oct-2016 10:45:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.801	0.801	0.000	90	311089	NC	NC	
2 Dichlorodifluoromethane	85	0.809	0.809	0.000	98	2112871	500.0	531.4	
3 Vinyl chloride	62	0.924	0.924	0.000	98	2376622	500.0	522.4	
4 Butadiene	54	0.932	0.932	0.000	93	1934292	NC	NC	
5 Chloromethane	50	0.940	0.941	-0.001	98	3355988	500.0	529.7	
6 Bromomethane	94	1.072	1.072	0.000	99	1929131	500.0	648.3	
8 Chloroethane	64	1.121	1.122	-0.001	99	1858272	500.0	547.1	
9 Pentane	72	1.187	1.179	0.008	96	782775	1000.0	1031.9	
10 Trichlorofluoromethane	101	1.187	1.187	0.000	99	3213801	500.0	459.7	
11 Dichlorofluoromethane	67	1.212	1.212	0.000	99	4115517	NC	NC	
12 2-Methyl-1,3-butadiene	67	1.319	1.319	0.000	97	3531818	500.0	540.7	
13 Ethyl ether	59	1.335	1.336	-0.001	94	2166588	500.0	515.8	
15 1,2-Dichloro-1,1,2-trifluo	67	1.426	1.426	0.000	78	1903321	NC	NC	
16 1,1-Dichloroethene	96	1.426	1.426	0.000	98	1999805	500.0	519.1	
14 Ethanol	46	1.434	1.434	0.000	22	540956	20000	18908	
17 Carbon disulfide	76	1.434	1.434	0.000	100	7039180	500.0	515.4	
18 1,1,2-Trichloro-1,2,2-trif	101	1.442	1.443	-0.001	95	2065791	500.0	676.6	
19 Iodomethane	142	1.492	1.492	0.000	99	2434947	500.0	601.4	
20 Cyclopentene	67	1.574	1.566	0.008	97	4755759	NC	NC	
21 Acrolein	56	1.591	1.591	0.000	96	295191	400.0	484.8	
22 3-Chloro-1-propene	76	1.656	1.657	-0.001	89	1077888	500.0	480.0	
23 Isopropyl alcohol	45	1.706	1.689	0.017	93	1549218	5000.0	5337.9	
24 Methylene Chloride	84	1.714	1.714	0.000	95	2129627	500.0	513.1	
25 Acetone	58	1.747	1.739	0.008	86	1146415	2500.0	2188.4	
26 trans-1,2-Dichloroethene	96	1.796	1.796	0.000	95	2200322	500.0	523.4	
27 Methyl acetate	74	1.805	1.805	0.000	98	2201864	2500.0	3053.7	
28 Hexane	57	1.846	1.846	0.000	77	4027248	500.0	571.9	
29 Methyl tert-butyl ether	73	1.862	1.862	0.000	88	6817637	500.0	510.2	
* 30 TBA-d9 (IS)	65	1.895	1.887	0.008	99	426334	1000.0	1000.0	
31 2-Methyl-2-propanol	59	1.928	1.928	0.000	98	2135516	5000.0	4365.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acetonitrile	41	2.002	1.994	0.008	97	2538391	5000.0	5150.4	
33 Isopropyl ether	45	2.076	2.076	0.000	95	6850744	500.0	502.9	
34 2-Chloro-1,3-butadiene	88	2.126	2.126	0.000	93	1876666	NC	NC	
35 1,1-Dichloroethane	63	2.142	2.134	0.008	100	3915494	500.0	503.2	
36 Acrylonitrile	53	2.175	2.167	0.008	93	9464838	5000.0	5177.7	
37 Tert-butyl ethyl ether	59	2.298	2.298	0.000	62	6991093	NC	NC	
38 Vinyl acetate	86	2.298	2.298	0.000	99	960177	1000.0	1213.7	
39 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	97	2336903	500.0	531.5	
40 2,2-Dichloropropane	77	2.537	2.537	0.000	97	2755493	500.0	450.9	
41 Cyclohexane	56	2.595	2.595	0.000	91	3263107	500.0	601.0	
42 Chlorobromomethane	128	2.603	2.595	0.008	71	1196849	500.0	522.7	
43 Chloroform	83	2.660	2.652	0.008	98	3689692	500.0	497.7	
44 Carbon tetrachloride	117	2.743	2.743	0.000	98	2915448	500.0	552.6	
45 Ethyl acetate	70	2.751	2.751	0.000	99	578923	1000.0	1083.9	
46 Methyl acrylate	55	2.751	2.751	0.000	93	2256106	NC	NC	
47 Tetrahydrofuran	42	2.759	2.759	0.000	96	2157228	1000.0	1014.7	
$ 48 Dibromofluoromethane (Surr	113	2.784	2.776	0.008	94	173782	50.0	48.0	
49 1,1,1-Trichloroethane	97	2.792	2.784	0.008	99	3182579	500.0	508.4	
* 50 2-Butanone-d5	46	2.841	2.833	0.008	94	469851	250.0	250.0	
51 2-Butanone (MEK)	72	2.874	2.875	-0.001	100	1711354	2500.0	2456.3	
52 1,1-Dichloropropene	75	2.883	2.875	0.008	94	2910781	500.0	443.7	
53 Isooctane	57	2.965	2.965	0.000	98	4603703	NC	NC	
54 n-Heptane	57	3.055	3.056	-0.001	55	1204043	500.0	553.7	
55 Benzene	78	3.055	3.056	-0.001	97	8642091	500.0	474.9	
56 Propionitrile	54	3.105	3.072	0.033	94	3731170	NC	NC	
57 Methacrylonitrile	67	3.113	3.089	0.025	90	11079479	NC	NC	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.171	3.154	0.017	94	235478	50.0	51.7	
59 Tert-amyl methyl ether	73	3.171	3.163	0.008	98	6647258	NC	NC	
60 1,2-Dichloroethane	62	3.220	3.212	0.008	97	3166904	500.0	478.9	
61 Isobutyl alcohol	43	3.302	3.286	0.016	98	3276922	NC	NC	
62 t-Amyl alcohol	59	3.368	3.352	0.016	96	2240381	NC	NC	
* 63 Fluorobenzene	96	3.385	3.385	0.000	98	695804	50.0	50.0	
65 Isopropyl acetate	43	3.459	3.451	0.008	99	4817476	500.0	497.8	
66 Methylcyclohexane	83	3.516	3.508	0.008	95	3278794	500.0	610.2	
67 Trichloroethene	95	3.533	3.525	0.008	97	2267623	500.0	515.8	
68 2-ethoxy-2-methyl butane	59	3.771	3.763	0.008	98	5466211	NC	NC	
69 Dibromomethane	93	3.878	3.879	-0.001	97	1473840	500.0	501.4	
70 n-Butanol	56	3.911	3.903	0.008	90	2005463	12500	14808	
71 1,2-Dichloropropane	63	3.969	3.969	0.000	87	2233270	500.0	495.9	
72 Ethyl acrylate	55	4.051	4.043	0.008	99	3251584	500.0	528.0	
73 Dichlorobromomethane	83	4.051	4.051	0.000	98	3054623	500.0	511.3	
* 74 1,4-Dioxane-d8	96	4.249	4.232	0.017	36	58207	1000.0	1000.0	
75 Methyl methacrylate	100	4.241	4.232	0.009	90	1487619	1000.0	1062.2	
76 1,4-Dioxane	88	4.265	4.265	0.000	94	692880	10000	9995.8	
77 n-Propyl acetate	43	4.389	4.389	0.000	99	3745666	500.0	497.0	
78 2-Chloroethyl vinyl ether	63	4.652	4.644	0.008	96	803677	500.0	567.6	
79 cis-1,3-Dichloropropene	75	4.677	4.669	0.008	97	3903949	500.0	488.4	
$ 80 Toluene-d8 (Surr)	98	4.866	4.858	0.008	99	705025	50.0	46.6	
81 Toluene	91	4.915	4.907	0.008	94	9502796	500.0	482.0	
82 Epichlorohydrin	57	4.948	4.940	0.008	99	4349515	10000	10329	
83 2-Nitropropane	41	5.162	5.154	0.008	99	1710646	NC	NC	
84 Tetrachloroethene	166	5.335	5.327	0.008	97	2337860	500.0	502.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 4-Methyl-2-pentanone (MIBK	43	5.393	5.368	0.025	96	13024897	2500.0	2554.2	
86 trans-1,3-Dichloropropene	75	5.417	5.401	0.016	98	3815975	500.0	504.8	
87 1,1,2-Trichloroethane	83	5.582	5.574	0.008	94	1783111	500.0	490.2	
88 Ethyl methacrylate	69	5.664	5.656	0.008	90	3319799	NC	NC	
89 Chlorodibromomethane	129	5.771	5.763	0.008	98	2659775	500.0	519.5	
90 1,3-Dichloropropane	76	5.886	5.878	0.008	95	3703129	500.0	492.0	
91 Ethylene Dibromide	107	6.010	6.002	0.008	98	2329188	500.0	518.6	
92 n-Butyl acetate	43	6.364	6.356	0.008	98	4236355	500.0	514.6	
93 2-Hexanone	43	6.421	6.413	0.008	95	9991102	2500.0	2634.5	
* 94 Chlorobenzene-d5	117	6.693	6.685	0.008	88	678179	50.0	50.0	
95 Chlorobenzene	112	6.718	6.701	0.017	95	6567516	500.0	508.4	
96 Ethylbenzene	106	6.808	6.792	0.016	99	3654222	500.0	532.0	
97 1,1,1,2-Tetrachloroethane	131	6.833	6.817	0.016	95	2536997	500.0	535.4	
98 m-Xylene & p-Xylene	106	7.014	6.998	0.016	96	4459234	500.0	536.5	
99 o-Xylene	106	7.590	7.582	0.008	94	4469307	500.0	536.6	
100 Bromoform	173	7.656	7.640	0.016	95	2087256	500.0	569.2	
101 Styrene	104	7.681	7.664	0.017	95	7644828	500.0	554.2	
102 n-Butyl acrylate	73	8.010	8.002	0.008	98	2094566	500.0	571.8	
103 Isopropylbenzene	105	8.076	8.059	0.017	96	11079023	500.0	535.9	
104 Amyl acetate (mixed isomer	43	8.421	8.413	0.008	90	5108896	500.0	486.7	
$ 105 4-Bromofluorobenzene	174	8.438	8.430	0.008	92	282146	50.0	53.0	
106 Bromobenzene	156	8.545	8.528	0.017	94	3145275	500.0	519.9	
107 N-Propylbenzene	91	8.709	8.693	0.016	99	12948071	500.0	508.2	
108 1,1,2,2-Tetrachloroethane	83	8.857	8.833	0.024	96	3255691	500.0	519.7	
109 2-Chlorotoluene	91	8.874	8.858	0.016	98	9279952	500.0	530.9	
110 4-Ethyltoluene	105	8.899	8.882	0.017	98	11181059	NC	NC	
111 1,2,3-Trichloropropane	110	8.981	8.965	0.016	97	975186	500.0	461.4	
112 1,3,5-Trimethylbenzene	105	9.063	9.039	0.024	94	9607329	500.0	520.9	
113 trans-1,4-Dichloro-2-buten	53	9.104	9.088	0.016	92	1185546	NC	NC	
114 4-Chlorotoluene	91	9.145	9.121	0.024	96	8700539	500.0	527.0	
115 tert-Butylbenzene	119	9.516	9.499	0.017	95	8164613	500.0	521.8	
116 1,2,4-Trimethylbenzene	105	9.639	9.623	0.016	97	10428437	500.0	532.9	
117 Butyl Methacrylate	87	9.656	9.639	0.017	93	4001936	500.0	550.6	
118 sec-Butylbenzene	105	9.804	9.787	0.017	98	11677802	500.0	516.3	
119 1,3-Dichlorobenzene	146	10.051	10.034	0.017	96	5972008	500.0	528.9	
120 4-Isopropyltoluene	119	10.092	10.067	0.025	97	10786740	500.0	515.2	
* 121 1,4-Dichlorobenzene-d4	152	10.191	10.174	0.017	96	444106	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.215	10.191	0.024	95	6108308	500.0	505.2	
123 2,3-Dihydroindene	117	10.495	10.471	0.024	95	10279941	NC	NC	
124 Benzyl chloride	126	10.660	10.643	0.017	99	1406434	500.0	519.2	
125 p-Diethylbenzene	119	10.693	10.676	0.017	94	5863638	NC	NC	
126 n-Butylbenzene	91	10.775	10.759	0.016	98	9158855	500.0	490.4	
127 1,2-Dichlorobenzene	146	10.874	10.857	0.017	96	5900731	500.0	509.9	
128 1,2,4,5-Tetramethylbenzene	119	11.795	11.779	0.016	98	9915572	NC	NC	
129 1,2-Dibromo-3-Chloropropan	157	11.902	11.894	0.008	94	857123	500.0	508.7	
130 1,3,5-Trichlorobenzene	180	11.952	11.935	0.017	98	4324127	NC	NC	
131 1,2,4-Trichlorobenzene	180	12.470	12.470	0.000	94	4551124	500.0	517.5	
132 Hexachlorobutadiene	225	12.487	12.487	0.000	94	1405182	500.0	492.3	
133 Naphthalene	128	12.692	12.693	-0.001	95	8599823	500.0	389.8	e
134 1,2,3-Trichlorobenzene	180	12.816	12.816	0.000	96	4052411	500.0	494.9	
S 135 1,2-Dichloroethene, Total	100				0		1000.0	1054.9	
S 136 1,3-Dichloropropene, Total	100				0		1000.0	993.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		1000.0	1073.1	
S 138 Total BTEX	1				0		2500.0	2562.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

e - Potential Peak Saturated

Reagents:

MIX I Hi_00062	Amount Added: 50.00	Units: uL		
MIX 2 Hi_00048	Amount Added: 50.00	Units: uL		
ACROLEIN W_00056	Amount Added: 40.00	Units: uL		
GAS Hi_00167	Amount Added: 50.00	Units: uL		
8260ISNEW_00089	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00141	Amount Added: 1.00	Units: uL	Run Reagent	

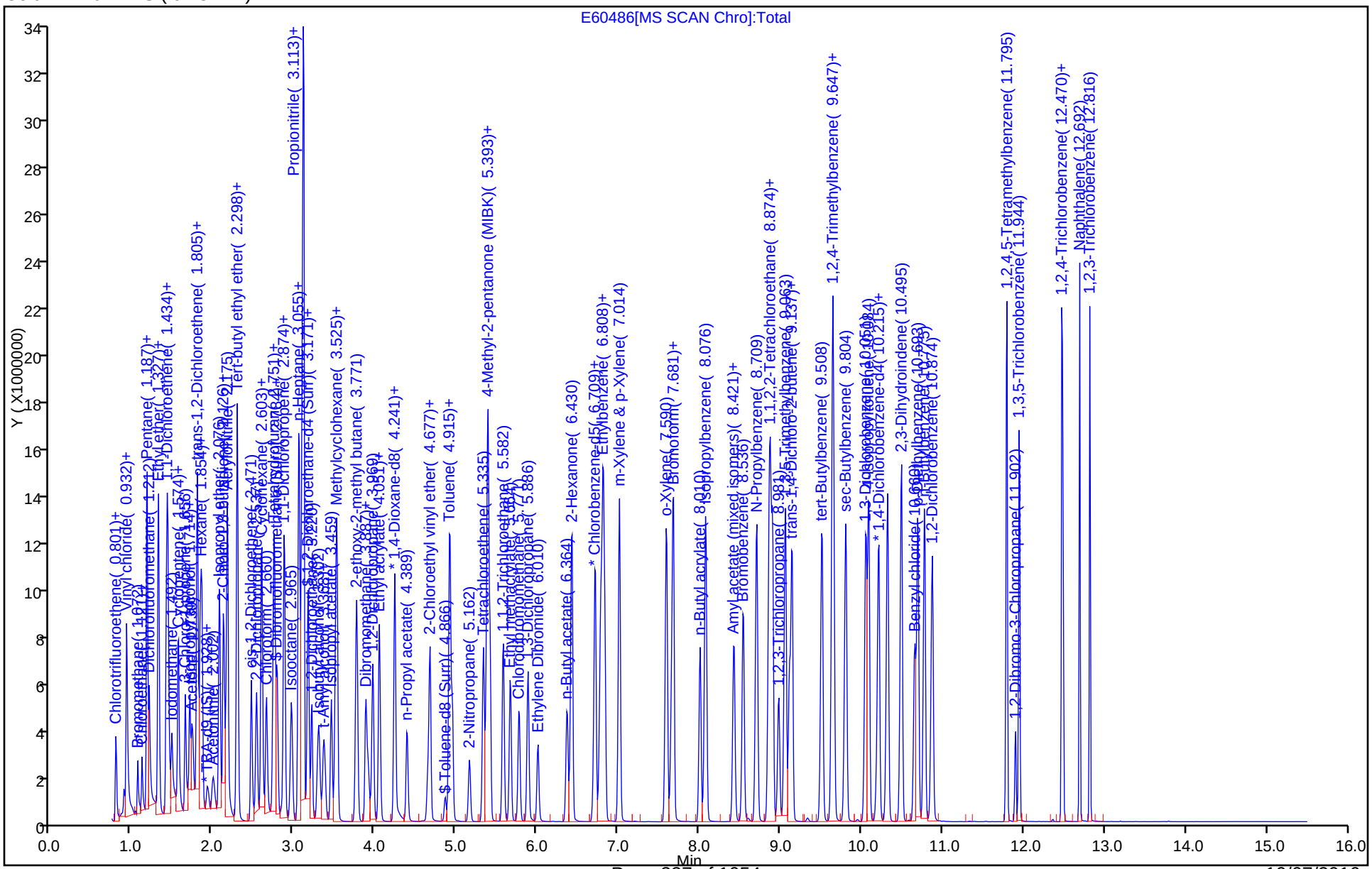
Report Date: 04-Oct-2016 18:20:53 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60486.D

Injection Date:	01-Oct-2016 18:27:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	STD500			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260W_5	Limit Group:	VOA 624 ICAL		

Column: Rtx-VMS (0.18 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 01-Oct-2016 22:47:30 ALS Bottle#: 17 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0046290-014
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub52

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 04-Oct-2016 18:21:05 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: desais Date: 02-Oct-2016 10:52:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.801	0.801	0.000	87	493	NC	NC	
2 Dichlorodifluoromethane	85	0.809	0.809	0.000	96	2875	1.00	1.05	M
3 Vinyl chloride	62	0.924	0.924	0.000	79	3697	1.00	1.18	
4 Butadiene	54	0.932	0.932	0.000	87	2792	NC	NC	
5 Chloromethane	50	0.932	0.941	-0.009	79	4627	1.00	1.06	
6 Bromomethane	94	1.072	1.072	0.000	92	1930	1.00	0.9385	
8 Chloroethane	64	1.122	1.122	0.000	96	2905	1.00	0.9502	
9 Pentane	72	1.179	1.179	0.000	97	1648	2.00	3.14	M
10 Trichlorofluoromethane	101	1.187	1.187	0.000	93	7002	1.00	1.45	M
11 Dichlorofluoromethane	67	1.212	1.212	0.000	98	7417	NC	NC	
12 2-Methyl-1,3-butadiene	67	1.319	1.319	0.000	92	4306	1.00	0.9539	
13 Ethyl ether	59	1.335	1.336	-0.001	96	2931	1.00	1.01	
15 1,2-Dichloro-1,1,2-trifluo	67	1.426	1.426	0.000	79	3254	NC	NC	
16 1,1-Dichloroethene	96	1.426	1.426	0.000	94	3086	1.00	1.16	
14 Ethanol	46	1.434	1.434	0.000	28	1659	40.0	64.4	M
17 Carbon disulfide	76	1.434	1.434	0.000	99	11271	1.00	1.19	
18 1,1,2-Trichloro-1,2,2-trif	101	1.442	1.443	-0.001	91	2374	1.00	1.13	
19 Iodomethane	142	1.492	1.492	0.000	99	4044	1.00	1.45	
20 Cyclopentene	67	1.566	1.566	0.000	97	7131	NC	NC	
21 Acrolein	56	1.591	1.591	0.000	95	1890	4.00	3.45	
22 3-Chloro-1-propene	76	1.656	1.657	-0.001	86	1713	1.00	1.10	
23 Isopropyl alcohol	45	1.681	1.689	-0.008	97	2937	10.0	11.2	
24 Methylene Chloride	84	1.714	1.714	0.000	98	3186	1.00	1.11	
25 Acetone	58	1.747	1.739	0.008	88	2677	5.00	6.60	
26 trans-1,2-Dichloroethene	96	1.796	1.796	0.000	94	3598	1.00	1.24	
27 Methyl acetate	74	1.805	1.805	0.000	99	3233	5.00	4.98	
28 Hexane	57	1.846	1.846	0.000	84	5621	1.00	1.16	M
29 Methyl tert-butyl ether	73	1.862	1.862	0.000	90	9730	1.00	1.05	
* 30 TBA-d9 (IS)	65	1.887	1.887	0.000	98	383729	1000.0	1000.0	
31 2-Methyl-2-propanol	59	1.928	1.928	0.000	95	6094	10.0	13.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acetonitrile	41	1.994	1.994	0.000	95	5871	10.0	13.2	
33 Isopropyl ether	45	2.076	2.076	0.000	94	9256	1.00	0.9833	
34 2-Chloro-1,3-butadiene	88	2.126	2.126	0.000	97	2546	NC	NC	
35 1,1-Dichloroethane	63	2.134	2.134	0.000	98	5370	1.00	1.00	
36 Acrylonitrile	53	2.167	2.167	0.000	95	12364	10.0	9.79	
37 Tert-butyl ethyl ether	59	2.298	2.298	0.000	84	9663	NC	NC	
38 Vinyl acetate	86	2.307	2.298	0.009	98	629	2.00	1.15	
39 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	95	2859	1.00	0.9409	
40 2,2-Dichloropropane	77	2.537	2.537	0.000	95	4394	1.00	1.04	
41 Cyclohexane	56	2.595	2.595	0.000	88	3889	1.00	1.04	
42 Chlorobromomethane	128	2.603	2.595	0.008	88	1484	1.00	0.9379	
43 Chloroform	83	2.652	2.652	0.000	94	5497	1.00	1.07	
44 Carbon tetrachloride	117	2.735	2.743	-0.008	94	3866	1.00	1.06	
45 Ethyl acetate	70	2.751	2.751	0.000	96	749	2.00	1.81	
46 Methyl acrylate	55	2.759	2.751	0.008	46	2656	NC	NC	
47 Tetrahydrofuran	42	2.767	2.759	0.008	45	3051	2.00	1.85	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	96	121201	50.0	48.5	
49 1,1,1-Trichloroethane	97	2.784	2.784	0.000	36	4644	1.00	1.07	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	98	364056	250.0	250.0	
51 2-Butanone (MEK)	72	2.874	2.875	-0.001	67	2900	5.00	5.37	
52 1,1-Dichloropropene	75	2.874	2.875	-0.001	73	6221	1.00	1.37	M
53 Isooctane	57	2.957	2.965	-0.008	96	6635	NC	NC	
54 n-Heptane	57	3.056	3.056	0.000	52	1837	1.00	1.22	
55 Benzene	78	3.056	3.056	0.000	97	12187	1.00	1.04	
56 Propionitrile	54	3.088	3.072	0.016	38	5217	NC	NC	
57 Methacrylonitrile	67	3.097	3.089	0.009	94	13331	NC	NC	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	97	157027	50.0	49.8	
59 Tert-amyl methyl ether	73	3.171	3.163	0.008	96	8741	NC	NC	
60 1,2-Dichloroethane	62	3.212	3.212	0.000	95	5358	1.00	1.17	
61 Isobutyl alcohol	43	3.286	3.286	0.000	94	3988	NC	NC	
62 t-Amyl alcohol	59	3.360	3.352	0.008	21	3389	NC	NC	
* 63 Fluorobenzene	96	3.385	3.385	0.000	98	480858	50.0	50.0	
65 Isopropyl acetate	43	3.459	3.451	0.008	96	6541	1.00	0.9779	
66 Methylcyclohexane	83	3.508	3.508	0.000	95	4070	1.00	1.10	
67 Trichloroethene	95	3.525	3.525	0.000	95	3357	1.00	1.10	
68 2-ethoxy-2-methyl butane	59	3.763	3.763	0.000	95	7241	NC	NC	
69 Dibromomethane	93	3.887	3.879	0.008	94	2317	1.00	1.14	
70 n-Butanol	56	3.920	3.903	0.017	80	3151	25.0	25.9	
71 1,2-Dichloropropane	63	3.969	3.969	0.000	83	3600	1.00	1.16	
72 Ethyl acrylate	55	4.060	4.043	0.017	65	4046	1.00	0.9507	
73 Dichlorobromomethane	83	4.051	4.051	0.000	97	4361	1.00	1.06	
* 74 1,4-Dioxane-d8	96	4.232	4.232	0.000	94	40539	1000.0	1000.0	
75 Methyl methacrylate	100	4.241	4.232	0.009	75	1791	2.00	1.85	
76 1,4-Dioxane	88	4.274	4.265	0.009	50	2521	50.0	52.2	
77 n-Propyl acetate	43	4.397	4.389	0.008	98	5387	1.00	1.03	
78 2-Chloroethyl vinyl ether	63	4.652	4.644	0.008	56	1198	1.00	1.22	
79 cis-1,3-Dichloropropene	75	4.677	4.669	0.008	95	5382	1.00	1.04	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	99	478040	50.0	48.9	
81 Toluene	91	4.915	4.907	0.008	93	13338	1.00	1.05	
82 Epichlorohydrin	57	4.948	4.940	0.008	97	6108	20.0	18.7	
83 2-Nitropropane	41	5.162	5.154	0.008	99	2816	NC	NC	
84 Tetrachloroethene	166	5.335	5.327	0.008	92	3132	1.00	1.04	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 4-Methyl-2-pentanone (MIBK	43	5.376	5.368	0.008	97	19799	5.00	5.01	
86 trans-1,3-Dichloropropene	75	5.417	5.401	0.016	94	4597	1.00	0.9414	
87 1,1,2-Trichloroethane	83	5.574	5.574	0.000	86	2314	1.00	0.9848	
88 Ethyl methacrylate	69	5.664	5.656	0.008	94	3273	NC	NC	
89 Chlorodibromomethane	129	5.771	5.763	0.008	95	3356	1.00	1.01	
90 1,3-Dichloropropane	76	5.887	5.878	0.009	97	4695	1.00	0.9657	
91 Ethylene Dibromide	107	6.018	6.002	0.016	98	2564	1.00	0.8838	
92 n-Butyl acetate	43	6.364	6.356	0.008	95	4786	1.00	0.9000	
93 2-Hexanone	43	6.421	6.413	0.008	98	14050	5.00	4.78	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	88	438061	50.0	50.0	
95 Chlorobenzene	112	6.701	6.701	0.000	92	8487	1.00	1.02	
96 Ethylbenzene	106	6.792	6.792	0.000	99	4515	1.00	1.02	
97 1,1,1,2-Tetrachloroethane	131	6.808	6.817	-0.009	90	2943	1.00	0.9615	
98 m-Xylene & p-Xylene	106	7.006	6.998	0.008	97	5000	1.00	0.9314	
99 o-Xylene	106	7.590	7.582	0.008	93	4950	1.00	0.9201	
100 Bromoform	173	7.648	7.640	0.008	92	2330	1.00	0.9837	
101 Styrene	104	7.672	7.664	0.008	95	7797	1.00	0.8751	
102 n-Butyl acrylate	73	8.010	8.002	0.008	97	1783	1.00	0.7536	
103 Isopropylbenzene	105	8.067	8.059	0.008	96	13219	1.00	0.9899	
104 Amyl acetate (mixed isomer	43	8.421	8.413	0.008	38	6708	1.00	1.08	
$ 105 4-Bromofluorobenzene	174	8.430	8.430	0.000	89	156941	50.0	45.6	
106 Bromobenzene	156	8.536	8.528	0.008	95	3581	1.00	1.00	
107 N-Propylbenzene	91	8.693	8.693	0.000	98	15880	1.00	1.06	
108 1,1,2,2-Tetrachloroethane	83	8.849	8.833	0.016	95	3806	1.00	1.03	
109 2-Chlorotoluene	91	8.857	8.858	-0.001	98	10261	1.00	1.00	
110 4-Ethyltoluene	105	8.890	8.882	0.008	97	12152	NC	NC	
111 1,2,3-Trichloropropane	110	8.981	8.965	0.016	94	1751	1.00	1.40	
112 1,3,5-Trimethylbenzene	105	9.039	9.039	-0.001	93	10416	1.00	0.9577	
113 trans-1,4-Dichloro-2-buten	53	9.129	9.088	0.041	41	703	NC	NC	
114 4-Chlorotoluene	91	9.129	9.121	0.008	98	9415	1.00	0.9670	
115 tert-Butylbenzene	119	9.499	9.499	0.000	94	9515	1.00	1.03	
116 1,2,4-Trimethylbenzene	105	9.631	9.623	0.008	96	11230	1.00	0.9731	
117 Butyl Methacrylate	87	9.639	9.639	0.000	95	4058	1.00	0.9467	
118 sec-Butylbenzene	105	9.787	9.787	0.000	98	13396	1.00	1.00	
119 1,3-Dichlorobenzene	146	10.051	10.034	0.017	94	6494	1.00	0.9753	
120 4-Isopropyltoluene	119	10.067	10.067	0.000	97	12309	1.00	1.00	
* 121 1,4-Dichlorobenzene-d4	152	10.166	10.174	-0.008	97	261888	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.191	10.191	0.000	89	7626	1.00	1.07	
123 2,3-Dihydroindene	117	10.479	10.471	0.008	94	11806	NC	NC	
124 Benzyl chloride	126	10.668	10.643	0.025	90	1352	1.00	0.8464	
125 p-Diethylbenzene	119	10.684	10.676	0.008	93	7155	NC	NC	
126 n-Butylbenzene	91	10.767	10.759	0.008	97	12377	1.00	1.12	
127 1,2-Dichlorobenzene	146	10.857	10.857	0.000	94	6753	1.00	0.9896	
128 1,2,4,5-Tetramethylbenzene	119	11.787	11.779	0.008	97	12782	NC	NC	
129 1,2-Dibromo-3-Chloropropan	157	11.894	11.894	0.000	88	908	1.00	0.9138	
130 1,3,5-Trichlorobenzene	180	11.944	11.935	0.009	95	5336	NC	NC	
131 1,2,4-Trichlorobenzene	180	12.479	12.470	0.009	93	5249	1.00	1.01	
132 Hexachlorobutadiene	225	12.487	12.487	0.000	86	2175	1.00	1.29	
133 Naphthalene	128	12.692	12.693	-0.001	99	14031	1.00	1.08	
134 1,2,3-Trichlorobenzene	180	12.816	12.816	0.000	94	5269	1.00	1.09	
S 135 1,2-Dichloroethene, Total	100				0		2.00	2.18	
S 136 1,3-Dichloropropene, Total	100				0		2.00	1.98	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		2.00	1.85	
S 138 Total BTEX	1				0		5.00	4.95	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated

Reagents:

GAS Hi_00167	Amount Added:	1.00	Units: uL	
MIX I Hi_00062	Amount Added:	1.00	Units: uL	
MIX 2 Hi_00048	Amount Added:	1.00	Units: uL	
ACROLEIN W_00056	Amount Added:	4.00	Units: uL	
14DIOXINTER_00062	Amount Added:	30.00	Units: uL	
8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 04-Oct-2016 18:21:26 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Injection Date: 01-Oct-2016 22:47:30 Instrument ID: CVOAMS5 Operator ID:

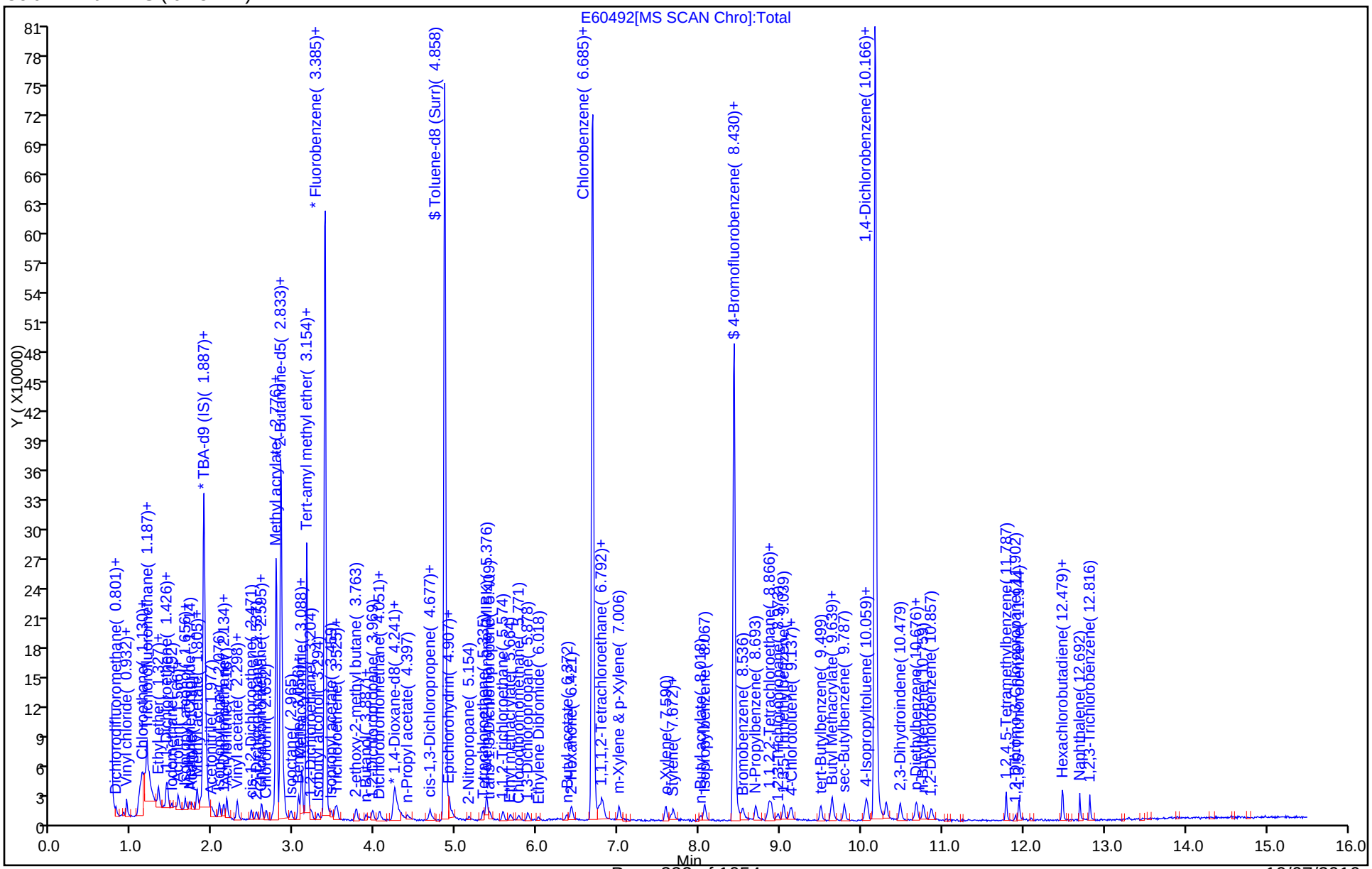
Lims ID: STD1 Worklist Smp#: 14

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 17

Method: 8260W_5 Limit Group: VOA 624 ICAL

Column: Rtx-VMS (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCVIS 460-394312/3 Calibration Date: 10/02/2016 07:05

Instrument ID: CVOAMS1 Calib Start Date: 09/08/2016 02:02

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/08/2016 04:26

Lab File ID: A27609.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
Dichlorodifluoromethane	Ave	0.4678	0.4460		19.1	20.0	-4.7	50.0
Chloromethane	Ave	0.5780	0.5825	0.1000	20.2	20.0	0.8	104.0
Vinyl chloride	Ave	0.5106	0.5191		20.3	20.0	1.7	96.0
Bromomethane	Ave	0.2886	0.2619		18.2	20.0	-9.2	86.0
Ethyl Chloride	Ave	0.2795	0.2580		18.5	20.0	-7.7	62.0
Trichlorofluoromethane	Ave	0.4529	0.4543		20.1	20.0	0.3	52.0
n-Pentane	Ave	0.0618	0.0541		35.1	40.0	-12.3	50.0
Ethyl ether	Ave	0.2853	0.3098		21.7	20.0	8.6	50.0
Ethanol	Ave	0.0596	0.0739		991	800	23.9	50.0
Isoprene	Ave	0.3138	0.3062		19.5	20.0	-2.4	50.0
Acrolein	Ave	1.941	1.986		40.9	40.0	2.3	99.0
1,1-Dichloroethene	Ave	0.2996	0.2932		19.6	20.0	-2.1	49.5
Freon TF	Ave	0.2495	0.2540		20.4	20.0	1.8	50.0
Acetone	Ave	0.8520	0.7917		92.9	100	-7.1	50.0
Iodomethane	Ave	0.5159	0.4635		18.0	20.0	-10.2	50.0
Carbon disulfide	Ave	1.229	1.188		19.3	20.0	-3.4	50.0
Isopropanol	Ave	0.6927	0.8787		254	200	26.9	50.0
Allyl chloride	Ave	0.2037	0.2001		19.6	20.0	-1.8	50.0
Methyl acetate	Ave	0.2653	0.2918		110	100	10.0	50.0
Acetonitrile	Ave	2.093	2.405		230	200	14.9	50.0
Methylene Chloride	Ave	0.3596	0.3899		21.7	20.0	8.4	39.5
TBA	Ave	1.172	1.109		189	200	-5.3	50.0
MTBE	Ave	0.9095	0.9791		21.5	20.0	7.7	50.0
trans-1,2-Dichloroethene	Ave	0.3186	0.3283		20.6	20.0	3.0	30.5
Acrylonitrile	Ave	0.1328	0.1556		234	200	17.1	50.0
Hexane	Ave	0.2998	0.3019		20.1	20.0	0.7	50.0
DIPE	Ave	1.201	1.307		21.8	20.0	8.8	50.0
1,1-Dichloroethane	Ave	0.6199	0.6629	0.1000	21.4	20.0	6.9	27.5
Vinyl acetate	Ave	0.0588	0.0576		39.2	40.0	-2.1	50.0
2,2-Dichloropropane	Ave	0.1066	0.0973		18.3	20.0	-8.7	50.0
cis-1,2-Dichloroethene	Ave	0.3304	0.3367		20.4	20.0	1.9	50.0
2-Butanone	Ave	0.2741	0.2573		93.9	100	-6.1	50.0
Ethyl acetate	Ave	0.2244	0.2136		38.1	40.0	-4.8	50.0
Tetrahydrofuran	Ave	0.3218	0.3044		37.8	40.0	-5.4	50.0
Bromochloromethane	Ave	0.1469	0.1452		19.8	20.0	-1.2	50.0
Chloroform	Ave	0.5199	0.5451		21.0	20.0	4.9	32.5
Cyclohexane	Ave	0.5300	0.5815		21.9	20.0	9.7	50.0
1,1,1-Trichloroethane	Ave	0.4273	0.4225		19.8	20.0	-1.1	25.0
Carbon tetrachloride	Ave	0.3515	0.3255		18.5	20.0	-7.4	27.0
1,1-Dichloropropene	Ave	0.4020	0.4115		20.5	20.0	2.4	50.0
Benzene	Ave	1.861	2.000		21.5	20.0	7.5	36.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCVIS 460-394312/3 Calibration Date: 10/02/2016 07:05

Instrument ID: CVOAMS1 Calib Start Date: 09/08/2016 02:02

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/08/2016 04:26

Lab File ID: A27609.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
Isopropyl acetate	Ave	1.012	1.025		20.3	20.0	1.3	50.0
1,2-Dichloroethane	Ave	0.3814	0.4062		21.3	20.0	6.5	32.0
n-Heptane	Ave	0.2430	0.2486		20.5	20.0	2.3	50.0
n-Butanol	Ave	0.2794	0.2691		481	500	-3.7	50.0
Trichloroethene	Ave	0.2717	0.2730		20.1	20.0	0.5	33.5
Ethyl acrylate	Ave	0.8128	0.8264		20.3	20.0	1.7	50.0
Methylcyclohexane	Ave	0.4475	0.4556		20.4	20.0	1.8	50.0
1,2-Dichloropropane	Ave	0.3278	0.3331		20.3	20.0	1.6	66.0
Methyl methacrylate	Ave	0.0647	0.0670		41.5	40.0	3.6	50.0
Propyl acetate	Ave	0.4228	0.4668		22.1	20.0	10.4	50.0
p-Dioxane	Ave	1.048	1.263		482	400	20.5	50.0
Dibromomethane	Ave	0.1684	0.1783		21.2	20.0	5.8	50.0
Bromodichloromethane	Ave	0.3681	0.3548		19.3	20.0	-3.6	34.5
2-Chloroethyl vinyl ether	Ave	0.1753	0.1866		21.3	20.0	6.5	124.0
Epichlorohydrin	Ave	0.2211	0.2215		401	400	0.2	50.0
cis-1,3-Dichloropropene	Ave	0.6752	0.7151		21.2	20.0	5.9	76.0
4-Methyl-2-pentanone	Ave	2.549	2.505		98.3	100	-1.7	50.0
Toluene	Ave	1.709	1.801		21.1	20.0	5.4	25.5
trans-1,3-Dichloropropene	Ave	0.5819	0.5915		20.3	20.0	1.6	50.0
1,1,2-Trichloroethane	Ave	0.3101	0.3467		22.4	20.0	11.8	29.0
Tetrachloroethene	Ave	0.3471	0.3355		19.3	20.0	-3.3	26.5
1,3-Dichloropropane	Ave	0.6068	0.6798		22.4	20.0	12.0	50.0
2-Hexanone	Ave	1.537	1.501		97.7	100	-2.3	50.0
Butyl acetate	Ave	0.1132	0.1211		21.4	20.0	6.9	50.0
Dibromochloromethane	Ave	0.3670	0.3354		18.3	20.0	-8.6	32.5
1,2-Dibromoethane	Ave	0.3189	0.3423		21.5	20.0	7.3	50.0
Chlorobenzene	Ave	0.998	1.024	0.3000	20.5	20.0	2.6	34.0
Ethylbenzene	Ave	0.5669	0.5694		20.1	20.0	0.4	41.0
1,1,1,2-Tetrachloroethane	Ave	0.3939	0.3603		18.3	20.0	-8.5	50.0
m-Xylene & p-Xylene	Ave	0.7094	0.7174		20.2	20.0	1.1	50.0
n-Butyl acrylate	Ave	0.3642	0.3497		19.2	20.0	-4.0	50.0
o-Xylene	Ave	0.7359	0.7494		20.4	20.0	1.8	50.0
Styrene	Ave	1.196	1.207		20.2	20.0	0.9	50.0
Amyl acetate	Ave	1.830	1.934		21.1	20.0	5.7	50.0
Bromoform	Ave	0.2445	0.1965	0.1000	16.1	20.0	-19.6	29.0
Isopropylbenzene	Ave	1.912	1.952		20.4	20.0	2.1	50.0
Bromobenzene	Ave	0.7326	0.7311		20.0	20.0	-0.2	50.0
1,1,2,2-Tetrachloroethane	Ave	0.9385	1.071	0.3000	22.8	20.0	14.2	39.5
N-Propylbenzene	Ave	4.183	4.526		21.6	20.0	8.2	50.0
1,2,3-Trichloropropane	Ave	0.2394	0.2564		21.4	20.0	7.1	50.0
2-Chlorotoluene	Ave	2.818	3.091		21.9	20.0	9.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCVIS 460-394312/3 Calibration Date: 10/02/2016 07:05

Instrument ID: CVOAMS1 Calib Start Date: 09/08/2016 02:02

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/08/2016 04:26

Lab File ID: A27609.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
1,3,5-Trimethylbenzene	Ave	2.751	3.018		21.9	20.0	9.7	50.0
4-Chlorotoluene	Ave	2.393	2.694		22.5	20.0	12.6	50.0
Butyl Methacrylate	Ave	1.141	1.177		20.6	20.0	3.1	50.0
tert-Butylbenzene	Ave	2.259	2.350		20.8	20.0	4.1	50.0
1,2,4-Trimethylbenzene	Ave	2.892	3.137		21.7	20.0	8.5	50.0
sec-Butylbenzene	Ave	3.575	3.863		21.6	20.0	8.1	50.0
p-Isopropyltoluene	Ave	3.022	3.196		21.1	20.0	5.7	50.0
1,3-Dichlorobenzene	Ave	1.483	1.585		21.4	20.0	6.9	27.0
1,4-Dichlorobenzene	Ave	1.527	1.639		21.5	20.0	7.3	37.0
Benzyl chloride	Ave	1.911	1.641		17.2	20.0	-14.1	50.0
n-Butylbenzene	Ave	1.680	2.023		24.1	20.0	20.5	50.0
1,2-Dichlorobenzene	Ave	1.463	1.579		21.6	20.0	8.0	37.0
1,2-Dibromo-3-Chloropropane	Ave	0.1591	0.1793		22.5	20.0	12.7	50.0
1,2,4-Trichlorobenzene	Ave	0.8573	0.9062		21.1	20.0	5.7	50.0
Hexachlorobutadiene	Ave	0.4012	0.4006		20.0	20.0	-0.1	50.0
Naphthalene	Ave	1.918	2.311		24.1	20.0	20.5	50.0
1,2,3-Trichlorobenzene	Ave	0.6215	0.7279		23.4	20.0	17.1	50.0
Dibromofluoromethane (Surr)	Ave	0.2644	0.2617		49.5	50.0	-1.0	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3206	0.3427		53.4	50.0	6.9	
Toluene-d8 (Surr)	Ave	1.428	1.505		52.7	50.0	5.4	
Bromofluorobenzene	Ave	0.3996	0.3746		46.9	50.0	-6.2	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27609.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 02-Oct-2016 07:05:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0046300-003
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 03-Oct-2016 07:14:44 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: moroneyc Date: 03-Oct-2016 07:00:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.596	1.596	0.000	89	13657	NC	NC	
3 Dichlorodifluoromethane	85	1.633	1.633	0.000	99	92059	20.0	19.1	
4 Chloromethane	50	1.804	1.804	0.000	99	120234	20.0	20.2	
5 Vinyl chloride	62	1.913	1.913	0.000	98	107151	20.0	20.3	
6 Butadiene	54	1.913	1.913	0.000	75	89611	NC	NC	
7 Bromomethane	94	2.230	2.230	0.000	98	54060	20.0	18.2	
8 Chloroethane	64	2.310	2.310	0.000	100	53244	20.0	18.5	
9 Dichlorofluoromethane	67	2.523	2.523	0.000	99	153170	NC	NC	
10 Trichlorofluoromethane	101	2.529	2.529	0.000	59	93756	20.0	20.1	
12 Pentane	72	2.541	2.541	0.000	97	22348	40.0	35.1	
13 Ethyl ether	59	2.755	2.755	0.000	96	63948	20.0	21.7	
14 Ethanol	46	2.761	2.761	0.000	95	16251	800.0	991.4	
15 2-Methyl-1,3-butadiene	53	2.779	2.779	0.000	97	63195	20.0	19.5	
16 1,2-Dichloro-1,1,2-trifluo	117	2.846	2.846	0.000	89	48552	NC	NC	
11 Acrolein	56	2.944	2.944	0.000	95	21833	40.0	40.9	
17 1,1,2-Trichloro-1,2,2-trif	101	2.980	2.980	0.000	42	52431	20.0	20.4	
18 1,1-Dichloroethene	96	2.980	2.980	0.000	94	60512	20.0	19.6	
19 Acetone	43	3.084	3.084	0.000	87	112786	100.0	92.9	
20 Iodomethane	142	3.139	3.139	0.000	99	95664	20.0	18.0	
21 Carbon disulfide	76	3.169	3.169	0.000	99	245139	20.0	19.3	
22 Isopropyl alcohol	45	3.175	3.175	0.000	54	48300	200.0	253.7	
23 3-Chloro-1-propene	76	3.309	3.309	0.000	87	41291	20.0	19.6	
25 Cyclopentene	67	3.328	3.328	0.000	71	177215	NC	NC	
24 Methyl acetate	43	3.328	3.328	0.000	99	301136	100.0	110.0	
26 Acetonitrile	41	3.395	3.395	0.000	97	132191	200.0	229.8	
27 Methylene Chloride	84	3.444	3.444	0.000	98	80465	20.0	21.7	
* 28 TBA-d9 (IS)	65	3.450	3.450	0.000	99	274851	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.517	3.517	0.000	96	60971	200.0	189.3	
30 Methyl tert-butyl ether	73	3.620	3.620	0.000	89	202090	20.0	21.5	
31 trans-1,2-Dichloroethene	96	3.620	3.620	0.000	98	67763	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.700	3.700	0.000	94	321087	200.0	234.2	
33 Hexane	43	3.773	3.773	0.000	94	62321	20.0	20.1	
34 Isopropyl ether	45	3.974	3.974	0.000	97	269696	20.0	21.8	
35 1,1-Dichloroethane	63	3.998	3.998	0.000	99	136812	20.0	21.4	
36 Vinyl acetate	86	4.011	4.011	0.000	100	23779	40.0	39.2	
37 2-Chloro-1,3-butadiene	88	4.041	4.041	0.000	92	56850	NC	NC	
38 Tert-butyl ethyl ether	59	4.254	4.254	0.000	88	218511	NC	NC	
* 39 2-Butanone-d5	46	4.425	4.425	0.000	99	356153	250.0	250.0	
40 2,2-Dichloropropane	97	4.449	4.449	0.000	84	20090	20.0	18.3	
41 cis-1,2-Dichloroethene	96	4.456	4.456	0.000	89	69487	20.0	20.4	
42 2-Butanone (MEK)	72	4.474	4.474	0.000	95	36661	100.0	93.9	
43 Ethyl acetate	70	4.474	4.474	0.000	93	12170	40.0	38.1	
44 Methyl acrylate	55	4.517	4.517	0.000	98	56489	NC	NC	
45 Propionitrile	54	4.590	4.590	0.000	98	107617	NC	NC	
46 Tetrahydrofuran	72	4.645	4.645	0.000	69	17347	40.0	37.8	
47 Chlorobromomethane	128	4.651	4.651	0.000	97	29977	20.0	19.8	
48 Methacrylonitrile	67	4.669	4.669	0.000	95	278051	NC	NC	
49 Chloroform	83	4.687	4.687	0.000	97	112517	20.0	21.0	
50 Cyclohexane	56	4.803	4.803	0.000	96	120022	20.0	21.9	
52 1,1,1-Trichloroethane	97	4.815	4.815	0.000	97	87210	20.0	19.8	
$ 53 Dibromofluoromethane (Surr	113	4.815	4.815	0.000	95	135057	50.0	49.5	
54 Carbon tetrachloride	117	4.907	4.907	0.000	97	67192	20.0	18.5	
55 1,1-Dichloropropene	75	4.925	4.925	0.000	94	84927	20.0	20.5	
56 Isobutyl alcohol	43	5.023	5.023	0.000	93	115572	NC	NC	
57 Isooctane	57	5.053	5.053	0.000	95	206720	NC	NC	
58 Benzene	78	5.090	5.090	0.000	95	250401	20.0	21.5	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.096	5.096	0.000	99	176855	50.0	53.4	
60 Isopropyl acetate	43	5.126	5.126	0.000	96	211532	20.0	20.3	
61 Tert-amyl methyl ether	73	5.132	5.132	0.000	96	193209	NC	NC	
62 1,2-Dichloroethane	62	5.157	5.157	0.000	96	83847	20.0	21.3	
63 n-Heptane	71	5.193	5.193	0.000	95	51303	20.0	20.5	
* 64 Fluorobenzene	96	5.303	5.303	0.000	97	515999	50.0	50.0	
65 n-Butanol	56	5.516	5.516	0.000	90	36979	500.0	481.5	
66 Trichloroethene	95	5.571	5.571	0.000	93	56349	20.0	20.1	
67 Ethyl acrylate	55	5.663	5.663	0.000	98	170561	20.0	20.3	
68 Methylcyclohexane	83	5.675	5.675	0.000	95	94026	20.0	20.4	
69 1,2-Dichloropropane	63	5.809	5.809	0.000	94	68742	20.0	20.3	
* 70 1,4-Dioxane-d8	96	5.846	5.846	0.000	34	25501	1000.0	1000.0	
71 Methyl methacrylate	100	5.852	5.852	0.000	93	27672	40.0	41.5	
72 n-Propyl acetate	43	5.888	5.888	0.000	98	96348	20.0	22.1	
73 1,4-Dioxane	88	5.894	5.894	0.000	28	12878	400.0	482.0	
74 Dibromomethane	93	5.913	5.913	0.000	89	36793	20.0	21.2	
75 Dichlorobromomethane	83	6.028	6.028	0.000	99	73238	20.0	19.3	
76 2-Chloroethyl vinyl ether	63	6.309	6.309	0.000	97	38515	20.0	21.3	
77 2-Nitropropane	41	6.321	6.321	0.000	99	25340	NC	NC	
78 Epichlorohydrin	57	6.413	6.413	0.000	99	126214	400.0	400.7	
79 cis-1,3-Dichloropropene	75	6.455	6.455	0.000	93	89513	20.0	21.2	
80 4-Methyl-2-pentanone (MIBK	43	6.589	6.589	0.000	98	356866	100.0	98.3	
$ 81 Toluene-d8 (Surr)	98	6.662	6.662	0.000	98	471068	50.0	52.7	
82 Toluene	91	6.717	6.717	0.000	93	225440	20.0	21.1	
83 trans-1,3-Dichloropropene	75	6.955	6.955	0.000	98	74037	20.0	20.3	
84 Ethyl methacrylate	69	6.967	6.967	0.000	90	70539	NC	NC	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	7.107	7.107	0.000	94	43404	20.0	22.4	
86 Tetrachloroethene	166	7.144	7.144	0.000	93	41993	20.0	19.3	
87 1,3-Dichloropropane	76	7.242	7.242	0.000	96	85089	20.0	22.4	
88 2-Hexanone	43	7.272	7.272	0.000	98	213810	100.0	97.7	
89 n-Butyl acetate	73	7.327	7.327	0.000	98	15152	20.0	21.4	
90 Chlorodibromomethane	129	7.388	7.388	0.000	97	41983	20.0	18.3	
91 Ethylene Dibromide	107	7.485	7.485	0.000	98	42849	20.0	21.5	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	91	312941	50.0	50.0	
93 Chlorobenzene	112	7.802	7.802	0.000	90	128163	20.0	20.5	
94 Ethylbenzene	106	7.851	7.851	0.000	100	71277	20.0	20.1	
95 1,1,1,2-Tetrachloroethane	131	7.857	7.857	0.000	92	45105	20.0	18.3	
96 m-Xylene & p-Xylene	106	7.924	7.924	0.000	99	89804	20.0	20.2	
97 n-Butyl acrylate	73	8.150	8.150	0.000	96	43774	20.0	19.2	
98 o-Xylene	106	8.187	8.187	0.000	92	93805	20.0	20.4	
99 Styrene	104	8.199	8.199	0.000	90	151125	20.0	20.2	
100 Amyl acetate (mixed isomer	43	8.284	8.284	0.000	89	139482	20.0	21.1	
101 Bromoform	173	8.339	8.339	0.000	92	24597	20.0	16.1	
102 Isopropylbenzene	105	8.400	8.400	0.000	97	244405	20.0	20.4	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	85	117223	50.0	46.9	
104 Bromobenzene	156	8.613	8.613	0.000	91	52714	20.0	20.0	
105 1,1,2,2-Tetrachloroethane	83	8.619	8.619	0.000	98	77250	20.0	22.8	
106 N-Propylbenzene	91	8.638	8.638	0.000	98	326330	20.0	21.6	
107 1,2,3-Trichloropropane	110	8.656	8.656	0.000	93	18485	20.0	21.4	
108 trans-1,4-Dichloro-2-buten	53	8.656	8.656	0.000	74	23468	NC	NC	
109 4-Ethyltoluene	105	8.705	8.705	0.000	97	258402	NC	NC	
110 2-Chlorotoluene	91	8.711	8.711	0.000	96	222897	20.0	21.9	
111 1,3,5-Trimethylbenzene	105	8.741	8.741	0.000	92	217574	20.0	21.9	
112 Butyl Methacrylate	87	8.778	8.778	0.000	96	84838	20.0	20.6	
113 4-Chlorotoluene	91	8.778	8.778	0.000	98	194242	20.0	22.5	
114 tert-Butylbenzene	119	8.918	8.918	0.000	91	169479	20.0	20.8	
115 1,2,4-Trimethylbenzene	105	8.955	8.955	0.000	98	226183	20.0	21.7	
116 sec-Butylbenzene	105	9.040	9.040	0.000	99	278533	20.0	21.6	
117 4-Isopropyltoluene	119	9.119	9.119	0.000	97	230417	20.0	21.1	
118 1,3-Dichlorobenzene	146	9.138	9.138	0.000	93	114294	20.0	21.4	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	98	180259	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.192	9.192	0.000	89	118158	20.0	21.5	
121 Benzyl chloride	91	9.278	9.278	0.000	97	118328	20.0	17.2	
122 2,3-Dihydroindene	117	9.320	9.320	0.000	93	255806	NC	NC	
123 p-Diethylbenzene	119	9.339	9.339	0.000	91	152449	NC	NC	
124 n-Butylbenzene	92	9.351	9.351	0.000	98	145872	20.0	24.1	
125 1,2-Dichlorobenzene	146	9.418	9.418	0.000	92	113867	20.0	21.6	
126 1,2,4,5-Tetramethylbenzene	119	9.826	9.826	0.000	96	219498	NC	NC	
127 1,2-Dibromo-3-Chloropropan	75	9.924	9.924	0.000	87	12931	20.0	22.5	
128 1,3,5-Trichlorobenzene	180	10.022	10.022	0.000	95	76908	NC	NC	
129 1,2,4-Trichlorobenzene	180	10.503	10.503	0.000	93	65342	20.0	21.1	
130 Hexachlorobutadiene	225	10.576	10.576	0.000	89	28887	20.0	20.0	
131 Naphthalene	128	10.729	10.729	0.000	98	166621	20.0	24.1	
132 1,2,3-Trichlorobenzene	180	10.936	10.936	0.000	94	52486	20.0	23.4	
S 133 1,2-Dichloroethene, Total	100				0		40.0	41.0	
S 134 Xylenes, Total	100				0		40.0	40.6	
S 135 Total BTEX	1				0		100.0	103.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

GASES Li_00173	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00043	Amount Added:	20.00	Units: uL	
ACROLEIN W_00056	Amount Added:	4.00	Units: uL	
8260ISNEW_00085	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00140	Amount Added:	1.00	Units: uL	Run Reagent

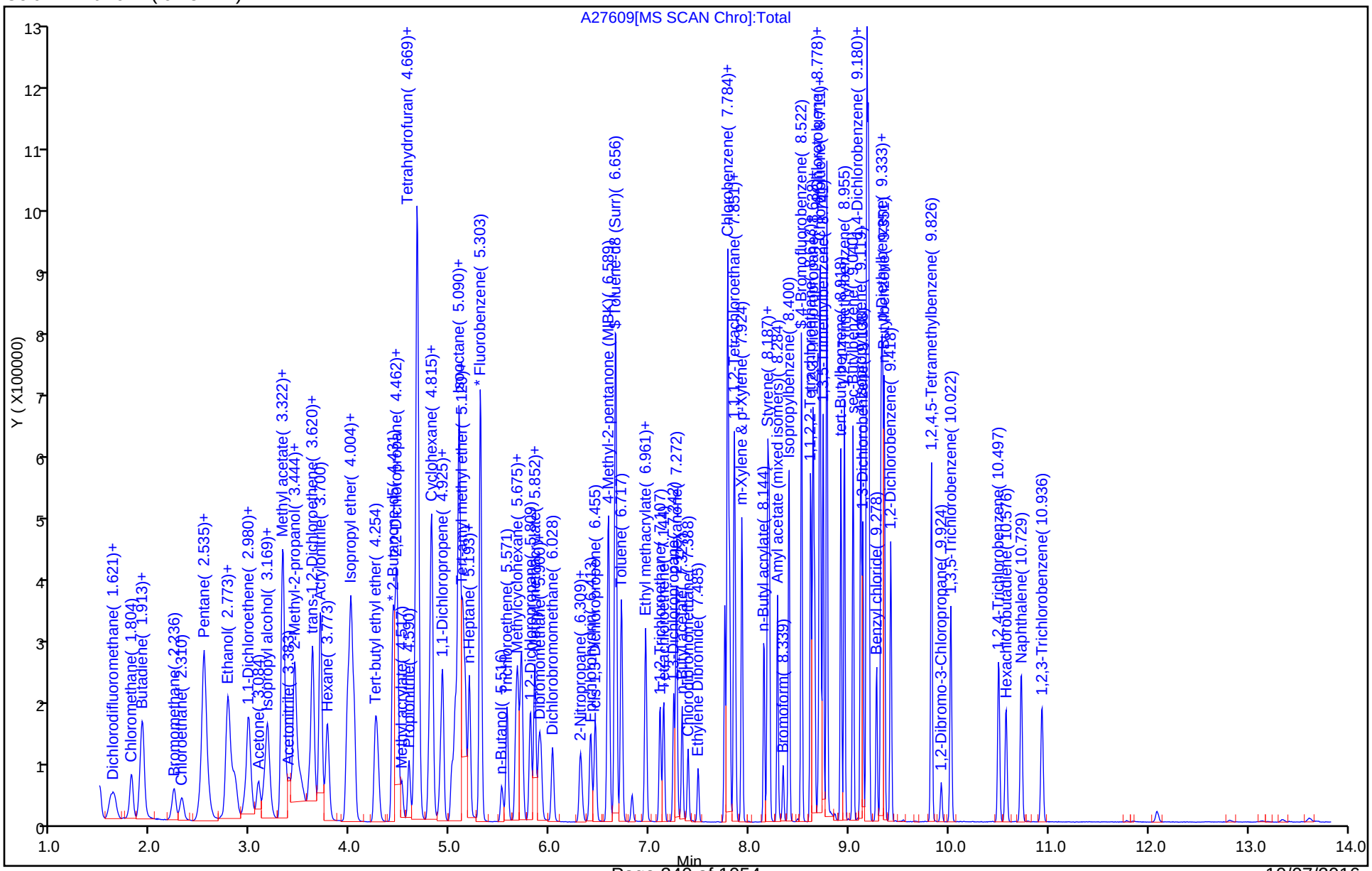
Report Date: 03-Oct-2016 07:14:46 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27609.D

Injection Date:	02-Oct-2016 07:05:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCVIS 460-394593/4 Calibration Date: 10/03/2016 08:50

Instrument ID: CVOAMS5 Calib Start Date: 10/01/2016 15:43

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 10/01/2016 22:47

Lab File ID: E60555.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
Dichlorodifluoromethane	Ave	0.2857	0.2993		21.0	20.0	4.8	50.0
Vinyl chloride	Ave	0.3269	0.2604		15.9	20.0	-20.3	96.0
Chloromethane	Ave	0.4553	0.3253	0.1000	14.3	20.0	-28.5	104.0
Bromomethane	Ave	0.2138	0.1884		17.6	20.0	-11.9	86.0
Ethyl Chloride	Ave	7.967	11.91		29.9	20.0	49.5	62.0
n-Pentane	LinF		0.1262		92.6	40.0	131.5*	50.0
Trichlorofluoromethane	Ave	0.5024	0.9534		38.0	20.0	89.8*	52.0
Isoprene	Ave	0.4694	0.4218		18.0	20.0	-10.1	50.0
Ethyl ether	Ave	0.3018	0.2315		15.3	20.0	-23.3	50.0
1,1-Dichloroethene	Ave	0.2768	0.2460		17.8	20.0	-11.1	49.5
Carbon disulfide	Ave	0.9814	0.8376		17.1	20.0	-14.7	50.0
Ethanol	Ave	0.0671	0.0512		611	800	-23.6	50.0
Freon TF	Ave	0.2194	0.2639		24.1	20.0	20.3	50.0
Iodomethane	Ave	0.2909	0.2380		16.4	20.0	-18.2	50.0
Acrolein	Ave	1.428	1.028		28.8	40.0	-28.0	99.0
Allyl chloride	Ave	0.1614	0.1416		17.6	20.0	-12.2	50.0
Isopropanol	Ave	0.6808	0.5776		170	200	-15.2	50.0
Methylene Chloride	Ave	0.2983	0.2667		17.9	20.0	-10.6	39.5
Acetone	Ave	0.2787	0.2026		72.7	100	-27.3	50.0
trans-1,2-Dichloroethene	Ave	0.3021	0.2581		17.1	20.0	-14.6	30.5
Methyl acetate	Ave	1.691	1.517		89.7	100	-10.3	50.0
Hexane	Ave	0.5060	0.5021		19.8	20.0	-0.8	50.0
MTBE	Ave	0.9603	0.8068		16.8	20.0	-16.0	50.0
TBA	Ave	1.147	1.009		176	200	-12.1	50.0
Acetonitrile	Ave	1.156	0.9568		166	200	-17.2	50.0
DIPE	Ave	0.9788	0.8191		16.7	20.0	-16.3	50.0
1,1-Dichloroethane	Ave	0.5592	0.5055	0.1000	18.1	20.0	-9.6	27.5
Acrylonitrile	Ave	0.1314	0.1094		167	200	-16.7	50.0
Vinyl acetate	Ave	0.0568	0.0573		40.3	40.0	0.8	50.0
cis-1,2-Dichloroethene	Ave	0.3159	0.3024		19.1	20.0	-4.3	50.0
2,2-Dichloropropane	Ave	0.4391	0.4521		20.6	20.0	2.9	50.0
Bromochloromethane	Ave	0.1645	0.1592		19.3	20.0	-3.3	50.0
Cyclohexane	Ave	0.3902	0.4356		22.3	20.0	11.6	50.0
Chloroform	Ave	0.5327	0.5060		19.0	20.0	-5.0	32.5
Carbon tetrachloride	Ave	0.3791	0.4193		22.1	20.0	10.6	27.0
Ethyl acetate	Ave	0.2842	0.2750		38.7	40.0	-3.2	50.0
Tetrahydrofuran	Ave	1.131	1.037		36.7	40.0	-8.3	50.0
1,1,1-Trichloroethane	Ave	0.4498	0.4675		20.8	20.0	3.9	25.0
1,1-Dichloropropene	Ave	0.4714	0.4426		18.8	20.0	-6.1	50.0
2-Butanone	Ave	0.3707	0.3593		96.9	100	-3.1	50.0
Benzene	Ave	1.342	1.278		19.1	20.0	-4.7	36.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCVIS 460-394593/4 Calibration Date: 10/03/2016 08:50

Instrument ID: CVOAMS5 Calib Start Date: 10/01/2016 15:43

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 10/01/2016 22:47

Lab File ID: E60555.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
n-Heptane	Ave	0.1563	0.1636		20.9	20.0	4.7	50.0
1,2-Dichloroethane	Ave	0.4752	0.4188		17.6	20.0	-11.9	32.0
Isopropyl acetate	Ave	0.6955	0.5850		16.8	20.0	-15.9	50.0
Methylcyclohexane	Ave	0.3861	0.4768		24.7	20.0	23.5	50.0
Trichloroethene	Ave	0.3159	0.3011		19.1	20.0	-4.7	33.5
Dibromomethane	Ave	0.2112	0.2011		19.0	20.0	-4.8	50.0
n-Butanol	Ave	0.3177	0.2833		446	500	-10.8	50.0
1,2-Dichloropropane	Ave	0.3236	0.2737		16.9	20.0	-15.4	66.0
Ethyl acrylate	Ave	0.4425	0.3909		17.7	20.0	-11.7	50.0
Bromodichloromethane	Ave	0.4293	0.3990		18.6	20.0	-7.1	34.5
Methyl methacrylate	Ave	0.1006	0.0993		39.5	40.0	-1.3	50.0
p-Dioxane	Ave	1.191	0.9939		334	400	-16.5	50.0
Propyl acetate	Ave	0.5415	0.4254		15.7	20.0	-21.4	50.0
2-Chloroethyl vinyl ether	Ave	0.1018	0.1091		21.4	20.0	7.2	124.0
cis-1,3-Dichloropropene	Ave	0.5893	0.5395		18.3	20.0	-8.5	76.0
Toluene	Ave	1.454	1.403		19.3	20.0	-3.5	25.5
Epichlorohydrin	Ave	0.2241	0.2405		429	400	7.3	50.0
Tetrachloroethene	Ave	0.3432	0.3343		19.5	20.0	-2.6	26.5
4-Methyl-2-pentanone	Ave	2.713	2.606		96.0	100	-4.0	50.0
trans-1,3-Dichloropropene	Ave	0.5574	0.5023		18.0	20.0	-9.9	50.0
1,1,2-Trichloroethane	Ave	0.2682	0.2409		18.0	20.0	-10.2	29.0
Dibromochloromethane	Ave	0.3775	0.3390		18.0	20.0	-10.2	32.5
1,3-Dichloropropane	Ave	0.5549	0.5076		18.3	20.0	-8.5	50.0
1,2-Dibromoethane	Ave	0.3311	0.3088		18.7	20.0	-6.7	50.0
Butyl acetate	Ave	0.6069	0.5276		17.4	20.0	-13.1	50.0
2-Hexanone	Ave	2.018	1.845		91.4	100	-8.6	50.0
Chlorobenzene	Ave	0.9525	0.9324	0.3000	19.6	20.0	-2.1	34.0
Ethylbenzene	Ave	0.5064	0.4722		18.6	20.0	-6.8	41.0
1,1,1,2-Tetrachloroethane	Ave	0.3494	0.3280		18.8	20.0	-6.1	50.0
m-Xylene & p-Xylene	Ave	0.6127	0.5922		19.3	20.0	-3.4	50.0
o-Xylene	Ave	0.6141	0.5811		18.9	20.0	-5.4	50.0
Bromoform	Ave	0.2704	0.2319	0.1000	17.2	20.0	-14.2	29.0
Styrene	Ave	1.017	0.9589		18.9	20.0	-5.7	50.0
n-Butyl acrylate	Ave	0.2701	0.2539		18.8	20.0	-6.0	50.0
Isopropylbenzene	Ave	1.524	1.495		19.6	20.0	-1.9	50.0
Amyl acetate	Ave	1.182	0.9881		16.7	20.0	-16.4	50.0
Bromobenzene	Ave	0.6812	0.6272		18.4	20.0	-7.9	50.0
N-Propylbenzene	Ave	2.868	3.411		23.8	20.0	18.9	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7053	0.7375	0.3000	20.9	20.0	4.6	39.5
2-Chlorotoluene	Ave	1.968	1.906		19.4	20.0	-3.1	50.0
1,2,3-Trichloropropane	Ave	0.2380	0.2067		17.4	20.0	-13.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCVIS 460-394593/4 Calibration Date: 10/03/2016 08:50

Instrument ID: CVOAMS5 Calib Start Date: 10/01/2016 15:43

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 10/01/2016 22:47

Lab File ID: E60555.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
1,3,5-Trimethylbenzene	Ave	2.076	1.853		17.9	20.0	-10.7	50.0
4-Chlorotoluene	Ave	1.859	1.738		18.7	20.0	-6.5	50.0
tert-Butylbenzene	Ave	1.762	1.915		21.7	20.0	8.7	50.0
1,2,4-Trimethylbenzene	Ave	2.203	2.628		23.9	20.0	19.3	50.0
Butyl Methacrylate	Ave	0.8184	0.8086		19.8	20.0	-1.2	50.0
sec-Butylbenzene	Ave	2.547	2.377		18.7	20.0	-6.7	50.0
1,3-Dichlorobenzene	Ave	1.271	1.337		21.0	20.0	5.2	27.0
p-Isopropyltoluene	Ave	2.357	2.251		19.1	20.0	-4.5	50.0
1,4-Dichlorobenzene	Ave	1.361	1.303		19.1	20.0	-4.3	37.0
Benzyl chloride	Ave	0.3050	0.3328		21.8	20.0	9.1	50.0
n-Butylbenzene	Ave	2.102	2.278		21.7	20.0	8.3	50.0
1,2-Dichlorobenzene	Ave	1.303	1.392		21.4	20.0	6.8	37.0
1,2-Dibromo-3-Chloropropane	Ave	0.1897	0.1861		19.6	20.0	-1.9	50.0
1,2,4-Trichlorobenzene	Ave	0.9901	0.7764		15.7	20.0	-21.6	50.0
Hexachlorobutadiene	Ave	0.3214	0.2495		15.5	20.0	-22.4	50.0
Naphthalene	Ave	2.484	2.628		21.2	20.0	5.8	50.0
1,2,3-Trichlorobenzene	Ave	0.9218	0.7652		16.6	20.0	-17.0	50.0
Dibromofluoromethane (Surr)	Ave	0.2600	0.2757		53.0	50.0	6.0	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3276	0.3055		46.6	50.0	-6.7	
Toluene-d8 (Surr)	Ave	1.116	1.096		49.1	50.0	-1.8	
Bromofluorobenzene	Ave	0.3928	0.3939		50.1	50.0	0.3	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60555.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 03-Oct-2016 08:50:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0046337-004
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub52

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 05-Oct-2016 21:31:07 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK020

First Level Reviewer: delpolitov Date: 05-Oct-2016 21:31:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.801	0.801	0.000	88	9326	NC	NC	
2 Dichlorodifluoromethane	85	0.809	0.809	0.000	99	70829	20.0	21.0	
3 Vinyl chloride	62	0.924	0.924	0.000	98	61628	20.0	15.9	
4 Butadiene	54	0.932	0.932	0.000	91	51931	NC	NC	
5 Chloromethane	50	0.940	0.940	0.000	82	76981	20.0	14.3	
6 Bromomethane	94	1.072	1.072	0.000	97	44576	20.0	17.6	
8 Chloroethane	64	1.122	1.122	0.000	99	94865	20.0	29.9	
9 Pentane	72	1.179	1.179	0.000	96	59710	40.0	92.6	
10 Trichlorofluoromethane	101	1.187	1.187	0.000	64	225618	20.0	38.0	
11 Dichlorofluoromethane	67	1.212	1.212	0.000	98	171985	NC	NC	
12 2-Methyl-1,3-butadiene	67	1.319	1.319	0.000	99	99806	20.0	18.0	
13 Ethyl ether	59	1.335	1.335	0.000	94	54775	20.0	15.3	
15 1,2-Dichloro-1,1,2-trifluo	67	1.426	1.426	0.000	86	74495	NC	NC	
16 1,1-Dichloroethene	96	1.426	1.426	0.000	98	58205	20.0	17.8	
17 Carbon disulfide	76	1.434	1.434	0.000	100	198195	20.0	17.1	
14 Ethanol	46	1.442	1.442	0.000	26	16322	800.0	610.9	
18 1,1,2-Trichloro-1,2,2-trif	101	1.442	1.442	0.000	96	62436	20.0	24.1	
19 Iodomethane	142	1.492	1.492	0.000	99	56313	20.0	16.4	
20 Cyclopentene	67	1.566	1.566	0.000	96	148189	NC	NC	
21 Acrolein	56	1.591	1.591	0.000	95	16368	40.0	28.8	
22 3-Chloro-1-propene	76	1.656	1.656	0.000	87	33516	20.0	17.6	
23 Isopropyl alcohol	45	1.689	1.689	0.000	96	45991	200.0	169.7	
24 Methylene Chloride	84	1.714	1.714	0.000	93	63118	20.0	17.9	
25 Acetone	58	1.739	1.739	0.000	86	29432	100.0	72.7	
26 trans-1,2-Dichloroethene	96	1.796	1.796	0.000	93	61081	20.0	17.1	
27 Methyl acetate	74	1.805	1.805	0.000	99	60405	100.0	89.7	
28 Hexane	57	1.846	1.846	0.000	84	118815	20.0	19.8	
29 Methyl tert-butyl ether	73	1.862	1.862	0.000	94	190911	20.0	16.8	
* 30 TBA-d9 (IS)	65	1.887	1.887	0.000	99	398156	1000.0	1000.0	
31 2-Methyl-2-propanol	59	1.928	1.928	0.000	99	80340	200.0	175.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acetonitrile	41	1.994	1.994	0.000	98	76191	200.0	165.5	
33 Isopropyl ether	45	2.076	2.076	0.000	94	193828	20.0	16.7	
34 2-Chloro-1,3-butadiene	88	2.126	2.126	0.000	92	61661	NC	NC	
35 1,1-Dichloroethane	63	2.134	2.134	0.000	99	119627	20.0	18.1	
36 Acrylonitrile	53	2.167	2.167	0.000	94	258800	200.0	166.5	
37 Tert-butyl ethyl ether	59	2.298	2.298	0.000	63	207096	NC	NC	
38 Vinyl acetate	86	2.298	2.298	0.000	99	27126	40.0	40.3	
39 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	98	71563	20.0	19.1	
40 2,2-Dichloropropane	77	2.537	2.537	0.000	96	106980	20.0	20.6	
41 Cyclohexane	56	2.595	2.595	0.000	90	103069	20.0	22.3	
42 Chlorobromomethane	128	2.595	2.595	0.000	80	37669	20.0	19.3	
43 Chloroform	83	2.652	2.652	0.000	98	119738	20.0	19.0	
44 Carbon tetrachloride	117	2.743	2.743	0.000	98	99214	20.0	22.1	
45 Ethyl acetate	70	2.751	2.751	0.000	99	15979	40.0	38.7	
46 Methyl acrylate	55	2.751	2.751	0.000	77	66178	NC	NC	
47 Tetrahydrofuran	42	2.759	2.759	0.000	94	60265	40.0	36.7	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	97	163089	50.0	53.0	
49 1,1,1-Trichloroethane	97	2.784	2.784	0.000	96	110619	20.0	20.8	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	100	363188	250.0	250.0	
51 2-Butanone (MEK)	72	2.874	2.874	0.000	100	52197	100.0	96.9	
52 1,1-Dichloropropene	75	2.874	2.874	0.000	96	104730	20.0	18.8	
53 Isooctane	57	2.965	2.965	0.000	98	152623	NC	NC	
54 n-Heptane	57	3.055	3.055	0.000	52	38717	20.0	20.9	
55 Benzene	78	3.055	3.055	0.000	96	270902	20.0	19.1	
56 Propionitrile	54	3.072	3.072	0.000	98	106672	NC	NC	
57 Methacrylonitrile	67	3.088	3.088	0.000	91	327075	NC	NC	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	97	180750	50.0	46.6	
59 Tert-amyl methyl ether	73	3.162	3.162	0.000	98	213312	NC	NC	
60 1,2-Dichloroethane	62	3.212	3.212	0.000	97	99113	20.0	17.6	
61 Isobutyl alcohol	43	3.286	3.286	0.000	98	86418	NC	NC	
62 t-Amyl alcohol	59	3.352	3.352	0.000	94	70365	NC	NC	
* 63 Fluorobenzene	96	3.385	3.385	0.000	99	591595	50.0	50.0	
65 Isopropyl acetate	43	3.451	3.451	0.000	98	138421	20.0	16.8	
66 Methylcyclohexane	83	3.508	3.508	0.000	93	112823	20.0	24.7	
67 Trichloroethene	95	3.525	3.525	0.000	96	71251	20.0	19.1	
68 2-ethoxy-2-methyl butane	59	3.763	3.763	0.000	96	159158	NC	NC	
69 Dibromomethane	93	3.878	3.878	0.000	93	47595	20.0	19.0	
70 n-Butanol	56	3.903	3.903	0.000	87	56398	500.0	445.9	
71 1,2-Dichloropropane	63	3.969	3.969	0.000	87	64778	20.0	16.9	
72 Ethyl acrylate	55	4.043	4.043	0.000	98	92503	20.0	17.7	
73 Dichlorobromomethane	83	4.051	4.051	0.000	98	94410	20.0	18.6	
75 Methyl methacrylate	100	4.232	4.232	0.000	87	47014	40.0	39.5	
* 74 1,4-Dioxane-d8	96	4.249	4.249	0.000	46	54480	1000.0	1000.0	
76 1,4-Dioxane	88	4.265	4.265	0.000	67	21658	400.0	333.8	
77 n-Propyl acetate	43	4.389	4.389	0.000	98	100676	20.0	15.7	
78 2-Chloroethyl vinyl ether	63	4.644	4.644	0.000	95	25821	20.0	21.4	
79 cis-1,3-Dichloropropene	75	4.669	4.669	0.000	94	114321	20.0	18.3	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	99	580692	50.0	49.1	
81 Toluene	91	4.907	4.907	0.000	93	297227	20.0	19.3	
82 Epichlorohydrin	57	4.940	4.940	0.000	99	139771	400.0	429.4	
83 2-Nitropropane	41	5.154	5.154	0.000	96	40759	NC	NC	
84 Tetrachloroethene	166	5.327	5.327	0.000	97	70830	20.0	19.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 4-Methyl-2-pentanone (MIBK	43	5.368	5.368	0.000	97	378589	100.0	96.0	
86 trans-1,3-Dichloropropene	75	5.401	5.401	0.000	95	106432	20.0	18.0	
87 1,1,2-Trichloroethane	83	5.574	5.574	0.000	93	51038	20.0	18.0	
88 Ethyl methacrylate	69	5.656	5.656	0.000	89	88896	NC	NC	
89 Chlorodibromomethane	129	5.763	5.763	0.000	97	71839	20.0	18.0	
90 1,3-Dichloropropane	76	5.878	5.878	0.000	93	107551	20.0	18.3	
91 Ethylene Dibromide	107	6.002	6.002	0.000	96	65429	20.0	18.7	
92 n-Butyl acetate	43	6.356	6.356	0.000	98	111791	20.0	17.4	
93 2-Hexanone	43	6.413	6.413	0.000	96	268001	100.0	91.4	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	86	529736	50.0	50.0	
95 Chlorobenzene	112	6.701	6.701	0.000	97	197571	20.0	19.6	
96 Ethylbenzene	106	6.792	6.792	0.000	98	100066	20.0	18.6	
97 1,1,1,2-Tetrachloroethane	131	6.816	6.816	0.000	96	69506	20.0	18.8	
98 m-Xylene & p-Xylene	106	7.006	7.006	0.000	96	125481	20.0	19.3	
99 o-Xylene	106	7.582	7.582	0.000	95	123135	20.0	18.9	
100 Bromoform	173	7.639	7.639	0.000	94	49143	20.0	17.2	
101 Styrene	104	7.664	7.664	0.000	97	203181	20.0	18.9	
102 n-Butyl acrylate	73	8.002	8.002	0.000	97	53800	20.0	18.8	
103 Isopropylbenzene	105	8.067	8.067	0.000	95	316758	20.0	19.6	
104 Amyl acetate (mixed isomer	43	8.413	8.413	0.000	90	131143	20.0	16.7	
$ 105 4-Bromofluorobenzene	174	8.429	8.429	0.000	96	208685	50.0	50.1	
106 Bromobenzene	156	8.536	8.536	0.000	93	83234	20.0	18.4	
107 N-Propylbenzene	91	8.685	8.685	0.000	97	452652	20.0	23.8	
108 1,1,2,2-Tetrachloroethane	83	8.841	8.841	0.000	94	97882	20.0	20.9	
109 2-Chlorotoluene	91	8.866	8.866	0.000	97	252978	20.0	19.4	
110 4-Ethyltoluene	105	8.882	8.882	0.000	97	410595	NC	NC	
111 1,2,3-Trichloropropane	110	8.956	8.956	0.000	89	27433	20.0	17.4	
112 1,3,5-Trimethylbenzene	105	9.038	9.038	0.000	97	245978	20.0	17.9	
113 trans-1,4-Dichloro-2-buten	53	9.096	9.096	0.000	84	29454	NC	NC	
114 4-Chlorotoluene	91	9.121	9.121	0.000	96	230687	20.0	18.7	
115 tert-Butylbenzene	119	9.499	9.499	0.000	96	254217	20.0	21.7	
116 1,2,4-Trimethylbenzene	105	9.623	9.623	0.000	93	348755	20.0	23.9	
117 Butyl Methacrylate	87	9.639	9.639	0.000	90	107312	20.0	19.8	
118 sec-Butylbenzene	105	9.787	9.787	0.000	98	315497	20.0	18.7	
119 1,3-Dichlorobenzene	146	10.043	10.043	0.000	96	177479	20.0	21.0	
120 4-Isopropyltoluene	119	10.067	10.067	0.000	98	298678	20.0	19.1	
* 121 1,4-Dichlorobenzene-d4	152	10.166	10.166	0.000	95	331791	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.199	10.199	0.000	96	172950	20.0	19.1	
123 2,3-Dihydroindene	117	10.470	10.470	0.000	97	286628	NC	NC	
124 Benzyl chloride	126	10.635	10.635	0.000	97	44166	20.0	21.8	
125 p-Diethylbenzene	119	10.676	10.676	0.000	94	182148	NC	NC	
126 n-Butylbenzene	91	10.767	10.767	0.000	98	302311	20.0	21.7	
127 1,2-Dichlorobenzene	146	10.849	10.849	0.000	95	184743	20.0	21.4	
128 1,2,4,5-Tetramethylbenzene	119	11.779	11.779	0.000	94	330691	NC	NC	
129 1,2-Dibromo-3-Chloropropan	157	11.894	11.894	0.000	92	24696	20.0	19.6	
130 1,3,5-Trichlorobenzene	180	11.935	11.935	0.000	89	113030	NC	NC	
131 1,2,4-Trichlorobenzene	180	12.470	12.470	0.000	94	103043	20.0	15.7	
132 Hexachlorobutadiene	225	12.487	12.487	0.000	81	33115	20.0	15.5	
133 Naphthalene	128	12.692	12.692	0.000	99	348809	20.0	21.2	
134 1,2,3-Trichlorobenzene	180	12.816	12.816	0.000	92	101560	20.0	16.6	
S 135 1,2-Dichloroethene, Total	100				0		40.0	36.2	
S 136 1,3-Dichloropropene, Total	100				0		40.0	36.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	38.3	
S 138 Total BTEX	1				0		100.0	95.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

GASES Li_00173	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00043	Amount Added:	20.00	Units: uL	
ACROLEIN W_00056	Amount Added:	4.00	Units: uL	
8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 05-Oct-2016 21:31:10 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60555.D

Injection Date: 03-Oct-2016 08:50:30 Instrument ID: CVOAMS5 Operator ID:

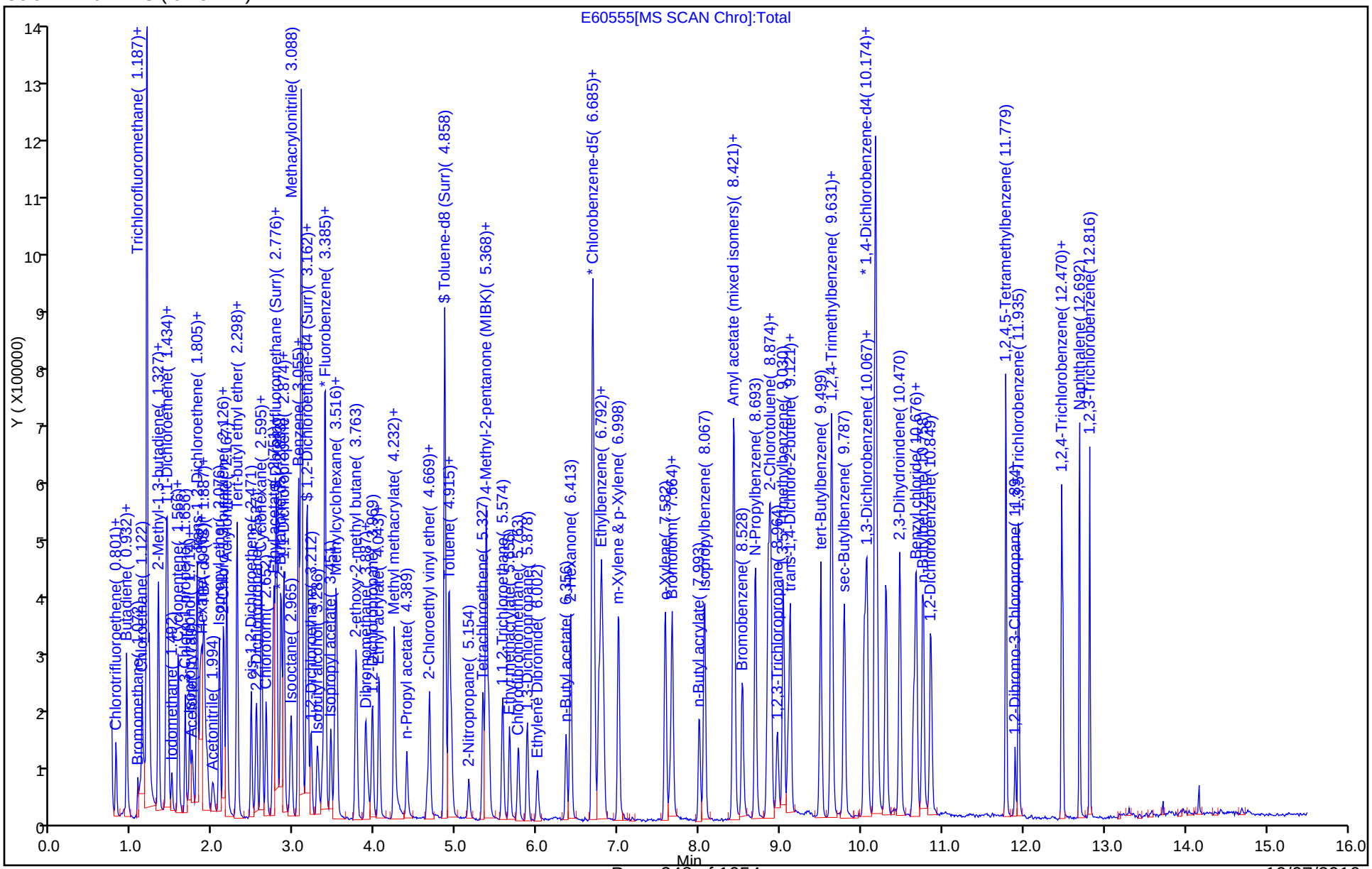
Lims ID: CCVIS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260W_5 Limit Group: VOA 624 ICAL

Column: Rtx-VMS (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCVIS 460-394701/3 Calibration Date: 10/04/2016 07:43

Instrument ID: CVOAMS5 Calib Start Date: 10/01/2016 15:43

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 10/01/2016 22:47

Lab File ID: E60608.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
Dichlorodifluoromethane	Ave	0.2857	0.3441		24.1	20.0	20.4	50.0
Vinyl chloride	Ave	0.3269	0.3608		22.1	20.0	10.3	96.0
Chloromethane	Ave	0.4553	0.4607	0.1000	20.2	20.0	1.2	104.0
Bromomethane	Ave	0.2138	0.1918		17.9	20.0	-10.3	86.0
Ethyl Chloride	Ave	7.967	9.560		24.0	20.0	20.0	62.0
n-Pentane	LinF		0.0766		56.2	40.0	40.5	50.0
Trichlorofluoromethane	Ave	0.5024	0.6916		27.5	20.0	37.7	52.0
Isoprene	Ave	0.4694	0.5719		24.4	20.0	21.8	50.0
Ethyl ether	Ave	0.3018	0.2105		13.9	20.0	-30.3	50.0
1,1-Dichloroethene	Ave	0.2768	0.2839		20.5	20.0	2.5	49.5
Ethanol	Ave	0.0671	0.0371		442	800	-44.7	50.0
Carbon disulfide	Ave	0.9814	0.7603		15.5	20.0	-22.5	50.0
Freon TF	Ave	0.2194	0.2542		23.2	20.0	15.9	50.0
Iodomethane	Ave	0.2909	0.1689		11.6	20.0	-41.9	50.0
Acrolein	Ave	1.428	1.003		28.1	40.0	-29.7	99.0
Allyl chloride	Ave	0.1614	0.1849		22.9	20.0	14.6	50.0
Isopropanol	Ave	0.6808	0.3935		116	200	-42.2	50.0
Methylene Chloride	Ave	0.2983	0.2870		19.2	20.0	-3.8	39.5
Acetone	Ave	0.2787	0.2308		82.8	100	-17.2	50.0
trans-1,2-Dichloroethene	Ave	0.3021	0.2849		18.9	20.0	-5.7	30.5
Methyl acetate	Ave	1.691	1.310		77.4	100	-22.6	50.0
Hexane	Ave	0.5060	0.6075		24.0	20.0	20.1	50.0
MTBE	Ave	0.9603	0.8300		17.3	20.0	-13.6	50.0
TBA	Ave	1.147	0.8496		148	200	-26.0	50.0
Acetonitrile	Ave	1.156	0.7675		133	200	-33.6	50.0
DIPE	Ave	0.9788	0.8352		17.1	20.0	-14.7	50.0
1,1-Dichloroethane	Ave	0.5592	0.5521	0.1000	19.7	20.0	-1.3	27.5
Acrylonitrile	Ave	0.1314	0.1209		184	200	-8.0	50.0
Vinyl acetate	Ave	0.0568	0.0782		55.0	40.0	37.5	50.0
cis-1,2-Dichloroethene	Ave	0.3159	0.3199		20.3	20.0	1.3	50.0
2,2-Dichloropropane	Ave	0.4391	0.4497		20.5	20.0	2.4	50.0
Bromochloromethane	Ave	0.1645	0.1688		20.5	20.0	2.6	50.0
Cyclohexane	Ave	0.3902	0.4162		21.3	20.0	6.7	50.0
Chloroform	Ave	0.5327	0.4743		17.8	20.0	-11.0	32.5
Carbon tetrachloride	Ave	0.3791	0.4043		21.3	20.0	6.6	27.0
Ethyl acetate	Ave	0.2842	0.2116		29.8	40.0	-25.5	50.0
Tetrahydrofuran	Ave	1.131	0.9791		34.6	40.0	-13.5	50.0
1,1,1-Trichloroethane	Ave	0.4498	0.4481		19.9	20.0	-0.4	25.0
2-Butanone	Ave	0.3707	0.2799		75.5	100	-24.5	50.0
1,1-Dichloropropene	Ave	0.4714	0.4235		18.0	20.0	-10.2	50.0
Benzene	Ave	1.342	1.268		18.9	20.0	-5.5	36.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCVIS 460-394701/3 Calibration Date: 10/04/2016 07:43

Instrument ID: CVOAMS5 Calib Start Date: 10/01/2016 15:43

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 10/01/2016 22:47

Lab File ID: E60608.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
n-Heptane	Ave	0.1563	0.1781		22.8	20.0	13.9	50.0
1,2-Dichloroethane	Ave	0.4752	0.3726		15.7	20.0	-21.6	32.0
Isopropyl acetate	Ave	0.6955	0.8100		23.3	20.0	16.5	50.0
Methylcyclohexane	Ave	0.3861	0.4676		24.2	20.0	21.1	50.0
Trichloroethene	Ave	0.3159	0.3079		19.5	20.0	-2.5	33.5
Dibromomethane	Ave	0.2112	0.1942		18.4	20.0	-8.1	50.0
n-Butanol	Ave	0.3177	0.2485		391	500	-21.8	50.0
1,2-Dichloropropane	Ave	0.3236	0.3032		18.7	20.0	-6.3	66.0
Ethyl acrylate	Ave	0.4425	0.4066		18.4	20.0	-8.1	50.0
Bromodichloromethane	Ave	0.4293	0.4170		19.4	20.0	-2.9	34.5
Methyl methacrylate	Ave	0.1006	0.1046		41.6	40.0	3.9	50.0
p-Dioxane	Ave	1.191	0.9845		331	400	-17.3	50.0
Propyl acetate	Ave	0.5415	0.4506		16.6	20.0	-16.8	50.0
2-Chloroethyl vinyl ether	Ave	0.1018	0.0853		16.8	20.0	-16.1	124.0
cis-1,3-Dichloropropene	Ave	0.5893	0.5228		17.7	20.0	-11.3	76.0
Toluene	Ave	1.454	1.501		20.7	20.0	3.3	25.5
Epichlorohydrin	Ave	0.2241	0.2090		373	400	-6.7	50.0
Tetrachloroethene	Ave	0.3432	0.3941		23.0	20.0	14.8	26.5
4-Methyl-2-pentanone	Ave	2.713	2.349		86.6	100	-13.4	50.0
trans-1,3-Dichloropropene	Ave	0.5574	0.5017		18.0	20.0	-10.0	50.0
1,1,2-Trichloroethane	Ave	0.2682	0.3201		23.9	20.0	19.3	29.0
Dibromochloromethane	Ave	0.3775	0.3576		18.9	20.0	-5.3	32.5
1,3-Dichloropropane	Ave	0.5549	0.4878		17.6	20.0	-12.1	50.0
1,2-Dibromoethane	Ave	0.3311	0.3381		20.4	20.0	2.1	50.0
Butyl acetate	Ave	0.6069	0.4897		16.1	20.0	-19.3	50.0
2-Hexanone	Ave	2.018	1.406		69.7	100	-30.3	50.0
Chlorobenzene	Ave	0.9525	0.9766	0.3000	20.5	20.0	2.5	34.0
Ethylbenzene	Ave	0.5064	0.4881		19.3	20.0	-3.6	41.0
1,1,1,2-Tetrachloroethane	Ave	0.3494	0.3208		18.4	20.0	-8.2	50.0
m-Xylene & p-Xylene	Ave	0.6127	0.5624		18.4	20.0	-8.2	50.0
o-Xylene	Ave	0.6141	0.5586		18.2	20.0	-9.0	50.0
Bromoform	Ave	0.2704	0.2316	0.1000	17.1	20.0	-14.3	29.0
Styrene	Ave	1.017	0.9344		18.4	20.0	-8.1	50.0
n-Butyl acrylate	Ave	0.2701	0.2534		18.8	20.0	-6.2	50.0
Isopropylbenzene	Ave	1.524	1.453		19.1	20.0	-4.7	50.0
Amyl acetate	Ave	1.182	1.192		20.2	20.0	0.8	50.0
Bromobenzene	Ave	0.6812	0.7168		21.0	20.0	5.2	50.0
N-Propylbenzene	Ave	2.868	2.987		20.8	20.0	4.2	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7053	0.6374	0.3000	18.1	20.0	-9.6	39.5
2-Chlorotoluene	Ave	1.968	1.928		19.6	20.0	-2.0	50.0
1,2,3-Trichloropropane	Ave	0.2380	0.2091		17.6	20.0	-12.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCVIS 460-394701/3 Calibration Date: 10/04/2016 07:43

Instrument ID: CVOAMS5 Calib Start Date: 10/01/2016 15:43

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 10/01/2016 22:47

Lab File ID: E60608.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
1,3,5-Trimethylbenzene	Ave	2.076	1.922		18.5	20.0	-7.4	50.0
4-Chlorotoluene	Ave	1.859	1.707		18.4	20.0	-8.2	50.0
tert-Butylbenzene	Ave	1.762	1.769		20.1	20.0	0.4	50.0
1,2,4-Trimethylbenzene	Ave	2.203	2.083		18.9	20.0	-5.5	50.0
Butyl Methacrylate	Ave	0.8184	0.7672		18.7	20.0	-6.3	50.0
sec-Butylbenzene	Ave	2.547	2.520		19.8	20.0	-1.0	50.0
1,3-Dichlorobenzene	Ave	1.271	1.200		18.9	20.0	-5.6	27.0
p-Isopropyltoluene	Ave	2.357	2.346		19.9	20.0	-0.5	50.0
1,4-Dichlorobenzene	Ave	1.361	1.233		18.1	20.0	-9.4	37.0
Benzyl chloride	Ave	0.3050	0.3329		21.8	20.0	9.2	50.0
n-Butylbenzene	Ave	2.102	1.990		18.9	20.0	-5.3	50.0
1,2-Dichlorobenzene	Ave	1.303	1.158		17.8	20.0	-11.1	37.0
1,2-Dibromo-3-Chloropropane	Ave	0.1897	0.1716		18.1	20.0	-9.5	50.0
1,2,4-Trichlorobenzene	Ave	0.9901	0.9049		18.3	20.0	-8.6	50.0
Hexachlorobutadiene	Ave	0.3214	0.2373		14.8	20.0	-26.2	50.0
Naphthalene	Ave	2.484	2.166		17.4	20.0	-12.8	50.0
1,2,3-Trichlorobenzene	Ave	0.9218	0.8166		17.7	20.0	-11.4	50.0
Dibromofluoromethane (Surr)	Ave	0.2600	0.2723		52.4	50.0	4.7	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3276	0.2886		44.0	50.0	-11.9	
Toluene-d8 (Surr)	Ave	1.116	1.131		50.7	50.0	1.3	
Bromofluorobenzene	Ave	0.3928	0.3857		49.1	50.0	-1.8	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161004-46395.b\E60608.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 04-Oct-2016 07:43:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0046395-003
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub52

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161004-46395.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 05-Oct-2016 14:32:40 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: delpolitov Date: 05-Oct-2016 14:32:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.800	0.800	0.000	87	8098	NC	NC	
2 Dichlorodifluoromethane	85	0.809	0.809	0.000	99	76437	20.0	24.1	
3 Vinyl chloride	62	0.932	0.932	0.000	98	80149	20.0	22.1	
4 Butadiene	54	0.932	0.932	0.000	89	87696	NC	NC	
5 Chloromethane	50	0.940	0.940	0.000	79	102358	20.0	20.2	
6 Bromomethane	94	1.072	1.072	0.000	98	42601	20.0	17.9	
8 Chloroethane	64	1.121	1.121	0.000	100	86658	20.0	24.0	
9 Pentane	72	1.179	1.179	0.000	97	34039	40.0	56.2	
10 Trichlorofluoromethane	101	1.187	1.187	0.000	59	153644	20.0	27.5	
11 Dichlorofluoromethane	67	1.212	1.212	0.000	98	130843	NC	NC	
12 2-Methyl-1,3-butadiene	67	1.319	1.319	0.000	97	127064	20.0	24.4	
13 Ethyl ether	59	1.335	1.335	0.000	76	46770	20.0	13.9	
16 1,1-Dichloroethene	96	1.418	1.418	0.000	97	63063	20.0	20.5	
15 1,2-Dichloro-1,1,2-trifluo	67	1.426	1.426	0.000	92	84485	NC	NC	
14 Ethanol	46	1.426	1.426	0.000	36	13447	800.0	442.1	
17 Carbon disulfide	76	1.434	1.434	0.000	100	168910	20.0	15.5	M
18 1,1,2-Trichloro-1,2,2-trif	101	1.442	1.442	0.000	92	56479	20.0	23.2	
19 Iodomethane	142	1.492	1.492	0.000	98	37531	20.0	11.6	
20 Cyclopentene	67	1.566	1.566	0.000	96	183201	NC	NC	
21 Acrolein	56	1.582	1.582	0.000	93	18191	40.0	28.1	
22 3-Chloro-1-propene	76	1.656	1.656	0.000	86	41087	20.0	22.9	
23 Isopropyl alcohol	45	1.673	1.673	0.000	97	35667	200.0	115.6	
24 Methylene Chloride	84	1.714	1.714	0.000	80	63761	20.0	19.2	M
25 Acetone	58	1.747	1.747	0.000	91	36255	100.0	82.8	
26 trans-1,2-Dichloroethene	96	1.796	1.796	0.000	78	63286	20.0	18.9	
27 Methyl acetate	74	1.805	1.805	0.000	98	59364	100.0	77.4	
28 Hexane	57	1.846	1.846	0.000	75	134973	20.0	24.0	
29 Methyl tert-butyl ether	73	1.862	1.862	0.000	95	184400	20.0	17.3	
* 30 TBA-d9 (IS)	65	1.879	1.879	0.000	99	453227	1000.0	1000.0	
31 2-Methyl-2-propanol	59	1.912	1.912	0.000	99	77009	200.0	148.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acetonitrile	41	1.994	1.994	0.000	100	69567	200.0	132.8	
33 Isopropyl ether	45	2.076	2.076	0.000	94	185546	20.0	17.1	
34 2-Chloro-1,3-butadiene	88	2.125	2.125	0.000	87	65219	NC	NC	
35 1,1-Dichloroethane	63	2.142	2.142	0.000	99	122655	20.0	19.7	
36 Acrylonitrile	53	2.158	2.158	0.000	94	268496	200.0	184.0	
37 Tert-butyl ethyl ether	59	2.290	2.290	0.000	81	265579	NC	NC	
38 Vinyl acetate	86	2.298	2.298	0.000	100	34729	40.0	55.0	
39 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	95	71074	20.0	20.3	
40 2,2-Dichloropropane	77	2.537	2.537	0.000	85	99905	20.0	20.5	
41 Cyclohexane	56	2.595	2.595	0.000	84	92457	20.0	21.3	
42 Chlorobromomethane	128	2.595	2.595	0.000	88	37493	20.0	20.5	
43 Chloroform	83	2.652	2.652	0.000	98	105376	20.0	17.8	
44 Carbon tetrachloride	117	2.743	2.743	0.000	94	89816	20.0	21.3	
45 Ethyl acetate	70	2.751	2.751	0.000	97	13297	40.0	29.8	
46 Methyl acrylate	55	2.759	2.759	0.000	93	75469	NC	NC	
47 Tetrahydrofuran	42	2.767	2.767	0.000	82	61522	40.0	34.6	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	89	151228	50.0	52.4	
49 1,1,1-Trichloroethane	97	2.784	2.784	0.000	93	99551	20.0	19.9	
* 50 2-Butanone-d5	46	2.841	2.841	0.000	97	392733	250.0	250.0	
51 2-Butanone (MEK)	72	2.866	2.866	0.000	98	43962	100.0	75.5	
52 1,1-Dichloropropene	75	2.874	2.874	0.000	84	94094	20.0	18.0	
53 Isooctane	57	2.948	2.948	0.000	98	170487	NC	NC	
54 n-Heptane	57	3.055	3.055	0.000	53	39557	20.0	22.8	
55 Benzene	78	3.055	3.055	0.000	96	237718	20.0	18.9	
56 Propionitrile	54	3.072	3.072	0.000	97	90770	NC	NC	
57 Methacrylonitrile	67	3.097	3.097	0.000	86	377727	NC	NC	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	97	160293	50.0	44.0	
59 Tert-amyl methyl ether	73	3.162	3.162	0.000	98	199277	NC	NC	
60 1,2-Dichloroethane	62	3.212	3.212	0.000	98	82778	20.0	15.7	
61 Isobutyl alcohol	43	3.286	3.286	0.000	95	74332	NC	NC	
62 t-Amyl alcohol	59	3.352	3.352	0.000	87	72397	NC	NC	
* 63 Fluorobenzene	96	3.385	3.385	0.000	98	555424	50.0	50.0	
65 Isopropyl acetate	43	3.459	3.459	0.000	96	179952	20.0	23.3	
66 Methylcyclohexane	83	3.508	3.508	0.000	91	103886	20.0	24.2	
67 Trichloroethene	95	3.533	3.533	0.000	93	68410	20.0	19.5	
68 2-ethoxy-2-methyl butane	59	3.755	3.755	0.000	98	160695	NC	NC	
69 Dibromomethane	93	3.878	3.878	0.000	95	43140	20.0	18.4	
70 n-Butanol	56	3.895	3.895	0.000	73	56323	500.0	391.2	
71 1,2-Dichloropropane	63	3.977	3.977	0.000	93	67350	20.0	18.7	
72 Ethyl acrylate	55	4.035	4.035	0.000	96	90333	20.0	18.4	
73 Dichlorobromomethane	83	4.051	4.051	0.000	98	92647	20.0	19.4	
75 Methyl methacrylate	100	4.232	4.232	0.000	91	46473	40.0	41.6	
* 74 1,4-Dioxane-d8	96	4.241	4.241	0.000	57	48577	1000.0	1000.0	M
76 1,4-Dioxane	88	4.273	4.273	0.000	83	19130	400.0	330.7	M
77 n-Propyl acetate	43	4.397	4.397	0.000	98	100098	20.0	16.6	
78 2-Chloroethyl vinyl ether	63	4.644	4.644	0.000	94	18958	20.0	16.8	
79 cis-1,3-Dichloropropene	75	4.668	4.668	0.000	94	98018	20.0	17.7	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	100	529967	50.0	50.7	
81 Toluene	91	4.915	4.915	0.000	97	281433	20.0	20.7	
82 Epichlorohydrin	57	4.940	4.940	0.000	99	131354	400.0	373.2	
83 2-Nitropropane	41	5.154	5.154	0.000	98	41236	NC	NC	
84 Tetrachloroethene	166	5.327	5.327	0.000	95	73897	20.0	23.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 4-Methyl-2-pentanone (MIBK	43	5.360	5.360	0.000	98	369040	100.0	86.6	
86 trans-1,3-Dichloropropene	75	5.401	5.401	0.000	93	94069	20.0	18.0	
87 1,1,2-Trichloroethane	83	5.565	5.565	0.000	95	60016	20.0	23.9	
88 Ethyl methacrylate	69	5.656	5.656	0.000	84	75809	NC	NC	
89 Chlorodibromomethane	129	5.763	5.763	0.000	97	67042	20.0	18.9	
90 1,3-Dichloropropane	76	5.878	5.878	0.000	92	91461	20.0	17.6	
91 Ethylene Dibromide	107	6.002	6.002	0.000	98	63392	20.0	20.4	
92 n-Butyl acetate	43	6.356	6.356	0.000	97	91813	20.0	16.1	
93 2-Hexanone	43	6.413	6.413	0.000	86	220813	100.0	69.7	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	86	468729	50.0	50.0	
95 Chlorobenzene	112	6.693	6.693	0.000	98	183106	20.0	20.5	
96 Ethylbenzene	106	6.792	6.792	0.000	99	91516	20.0	19.3	
97 1,1,1,2-Tetrachloroethane	131	6.816	6.816	0.000	95	60143	20.0	18.4	
98 m-Xylene & p-Xylene	106	7.006	7.006	0.000	95	105439	20.0	18.4	
99 o-Xylene	106	7.574	7.574	0.000	95	104736	20.0	18.2	
100 Bromoform	173	7.648	7.648	0.000	90	43428	20.0	17.1	
101 Styrene	104	7.664	7.664	0.000	97	175187	20.0	18.4	
102 n-Butyl acrylate	73	7.993	7.993	0.000	97	47502	20.0	18.8	
103 Isopropylbenzene	105	8.067	8.067	0.000	95	272424	20.0	19.1	
104 Amyl acetate (mixed isomer	43	8.405	8.405	0.000	86	135316	20.0	20.2	
$ 105 4-Bromofluorobenzene	174	8.429	8.429	0.000	94	180782	50.0	49.1	
106 Bromobenzene	156	8.536	8.536	0.000	92	81396	20.0	21.0	
107 N-Propylbenzene	91	8.693	8.693	0.000	100	339228	20.0	20.8	
108 1,1,2,2-Tetrachloroethane	83	8.833	8.833	0.000	96	72379	20.0	18.1	
109 2-Chlorotoluene	91	8.857	8.857	0.000	97	218930	20.0	19.6	
110 4-Ethyltoluene	105	8.874	8.874	0.000	98	278664	NC	NC	
111 1,2,3-Trichloropropane	110	8.964	8.964	0.000	94	23745	20.0	17.6	
112 1,3,5-Trimethylbenzene	105	9.038	9.038	0.000	93	218221	20.0	18.5	
113 trans-1,4-Dichloro-2-buten	53	9.088	9.088	0.000	92	24291	NC	NC	
114 4-Chlorotoluene	91	9.121	9.121	0.000	96	193847	20.0	18.4	
115 tert-Butylbenzene	119	9.499	9.499	0.000	96	200837	20.0	20.1	
116 1,2,4-Trimethylbenzene	105	9.623	9.623	0.000	96	236540	20.0	18.9	
117 Butyl Methacrylate	87	9.639	9.639	0.000	93	87113	20.0	18.7	
118 sec-Butylbenzene	105	9.787	9.787	0.000	98	286183	20.0	19.8	
119 1,3-Dichlorobenzene	146	10.034	10.034	0.000	96	136212	20.0	18.9	
120 4-Isopropyltoluene	119	10.067	10.067	0.000	98	266352	20.0	19.9	
* 121 1,4-Dichlorobenzene-d4	152	10.174	10.174	0.000	95	283874	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.191	10.191	0.000	93	139959	20.0	18.1	
123 2,3-Dihydroindene	117	10.470	10.470	0.000	94	277644	NC	NC	
124 Benzyl chloride	126	10.643	10.643	0.000	99	37802	20.0	21.8	
125 p-Diethylbenzene	119	10.676	10.676	0.000	94	149295	NC	NC	
126 n-Butylbenzene	91	10.758	10.758	0.000	97	226000	20.0	18.9	
127 1,2-Dichlorobenzene	146	10.849	10.849	0.000	95	131475	20.0	17.8	
128 1,2,4,5-Tetramethylbenzene	119	11.779	11.779	0.000	98	237028	NC	NC	
129 1,2-Dibromo-3-Chloropropan	157	11.894	11.894	0.000	94	19487	20.0	18.1	
130 1,3,5-Trichlorobenzene	180	11.935	11.935	0.000	96	102683	NC	NC	
131 1,2,4-Trichlorobenzene	180	12.470	12.470	0.000	93	102746	20.0	18.3	
132 Hexachlorobutadiene	225	12.487	12.487	0.000	86	26947	20.0	14.8	
133 Naphthalene	128	12.692	12.692	0.000	99	245909	20.0	17.4	
134 1,2,3-Trichlorobenzene	180	12.816	12.816	0.000	95	92722	20.0	17.7	
S 135 1,2-Dichloroethene, Total	100				0		40.0	39.1	
S 136 1,3-Dichloropropene, Total	100				0		40.0	35.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	36.5	
S 138 Total BTEX	1				0		100.0	95.4	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated

Reagents:

GASES Li_00173	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00043	Amount Added:	20.00	Units: uL	
ACROLEIN W_00056	Amount Added:	4.00	Units: uL	
8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 05-Oct-2016 14:32:45 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161004-46395.b\E60608.D

Injection Date: 04-Oct-2016 07:43:30 Instrument ID: CVOAMS5 Operator ID:

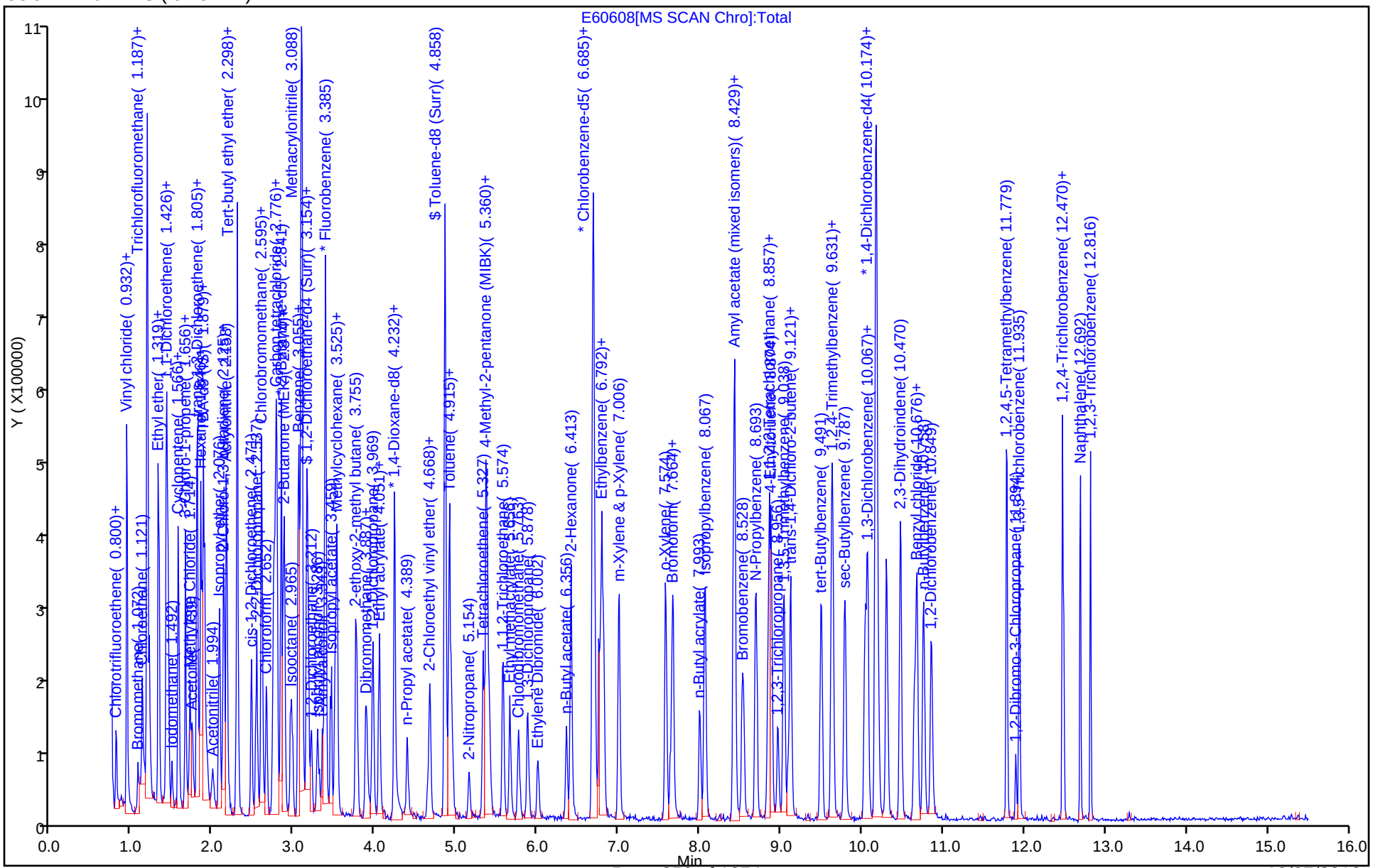
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260W_5 Limit Group: VOA 624 ICAL

Column: Rtx-VMS (0.18 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26265.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	08-Sep-2016 01:38:30	ALS Bottle#:	100	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0045311-001				
Operator ID:	VOA GC/MS1	Instrument ID:	CVOAMS1		
Method:	\\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\8260624W_1.m				
Limit Group:	VOA 624 ICAL				
Last Update:	08-Sep-2016 07:03:08	Calib Date:	08-Sep-2016 06:34:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26277.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK029				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 136 BFB	95	2.822	2.822	0.000	86	44194	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

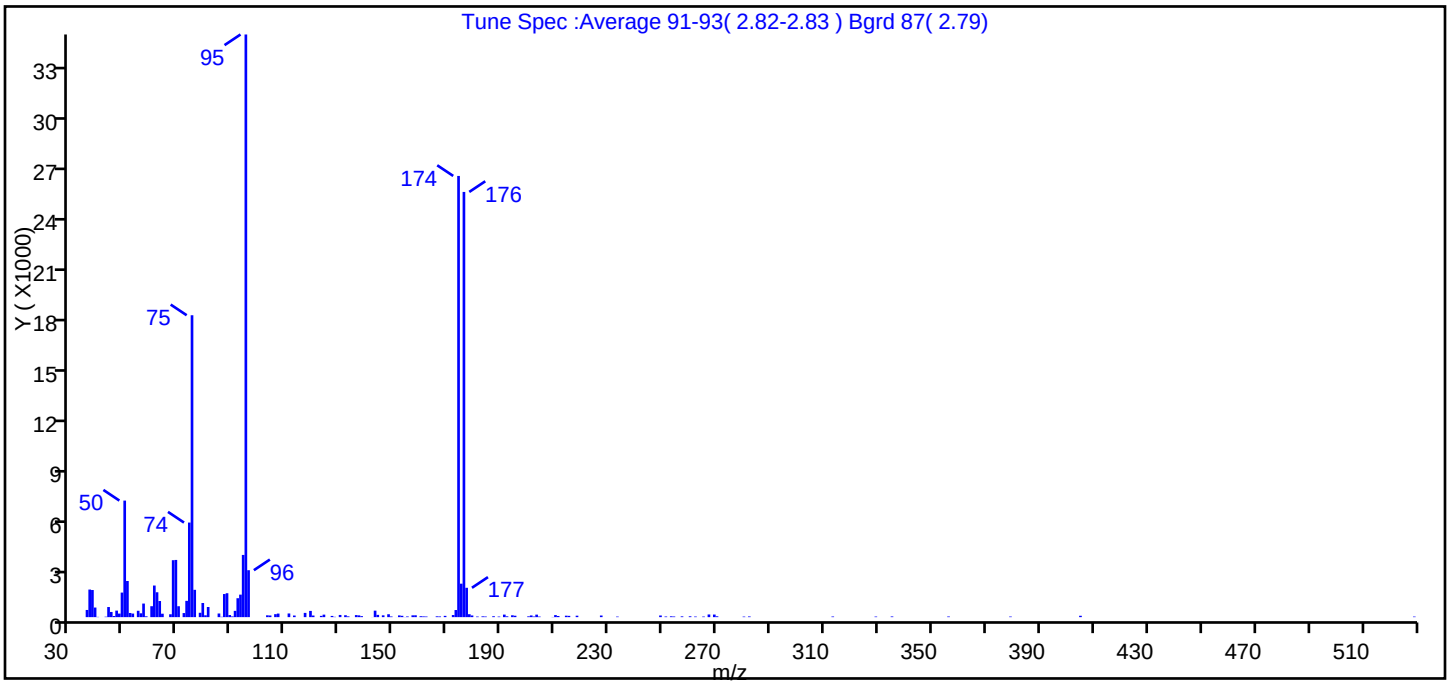
BFB_00011 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26265.D
Injection Date: 08-Sep-2016 01:38:30 Instrument ID: CVOAMS1
Lims ID: BFB
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 100 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA 624 ICAL
Tune Method: BFB Method 8260

$ 136 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	20.0
75	30 to 60% of m/z 95	51.8
96	5 to 9% of m/z 95	8.1
173	Less than 2% of m/z 174	1.2 (1.6)
174	50 to 120% of m/z 95	75.7
175	5 to 9% of m/z 174	5.7 (7.6)
176	Greater than 95% but less than 101% of m/z 174	73.0 (96.4)
177	5 to 9% of m/z 176	5.0 (6.9)

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26265.D\8260624W_1.rslt\spectra.d
Injection Date: 08-Sep-2016 01:38:30
Spectrum: Tune Spec :Average 91-93(2.82-2.83) Bgrd 87(2.79)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 141

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	424	79.00	835	143.00	383	201.00	100
37.00	1629	80.00	109	144.00	134	202.00	37
38.00	1601	81.00	599	146.00	107	203.00	148
39.00	567	85.00	215	148.00	171	204.00	35
40.00	15	86.00	20	149.00	39	209.00	10
43.00	26	87.00	1364	151.00	2	210.00	121
44.00	597	88.00	1412	152.00	102	211.00	68
45.00	306	89.00	124	153.00	79	214.00	86
46.00	66	90.00	42	154.00	6	215.00	76
47.00	385	91.00	371	155.00	40	218.00	85
48.00	210	92.00	1117	157.00	107	227.00	96
49.00	1450	93.00	1329	158.00	109	233.00	33
50.00	6881	94.00	3673	160.00	54	249.00	97
51.00	2134	95.00	34400	161.00	43	251.00	38
52.00	246	96.00	2771	162.00	36	253.00	49
53.00	211	103.00	108	166.00	48	254.00	38
55.00	376	104.00	98	167.00	41	257.00	46
56.00	227	106.00	176	169.00	76	260.00	50
57.00	802	107.00	211	172.00	124	262.00	36
58.00	47	111.00	217	173.00	420	265.00	35
60.00	646	113.00	95	174.00	26048	267.00	158
61.00	1866	117.00	251	175.00	1976	269.00	153
62.00	1469	119.00	368	176.00	25104	270.00	50
63.00	952	120.00	95	177.00	1733	280.00	33
64.00	203	123.00	75	178.00	173	281.00	2
66.00	1	124.00	148	179.00	98	282.00	41
67.00	170	127.00	72	181.00	35	313.00	38
68.00	3362	128.00	18	183.00	46	329.00	35
69.00	3377	130.00	129	184.00	37	335.00	41
70.00	644	131.00	1	187.00	53	356.00	38
72.00	241	132.00	113	189.00	34	379.00	35
73.00	962	133.00	46	191.00	150	405.00	81
74.00	5584	136.00	120	192.00	48	529.00	33

Report Date: 08-Sep-2016 07:03:09 Chrom Revision: 2.2 20-Apr-2016 13:59:46
Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26265.D\8260624W_1.rslt\spectra.d
Injection Date: 08-Sep-2016 01:38:30
Spectrum: Tune Spec :Average 91-93(2.82-2.83) Bgrd 87(2.79)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 141

m/z	Y	m/z	Y	m/z	Y	m/z	Y
75.00	17824	137.00	104	194.00	110		
76.00	1613	138.00	58	195.00	84		
78.00	258	142.00	4	200.00	47		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27607.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 02-Oct-2016 06:10:30 ALS Bottle#: 100 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0046300-001
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 02-Oct-2016 10:31:50 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 136 BFB	95	2.804	2.804	0.000	79	91003	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

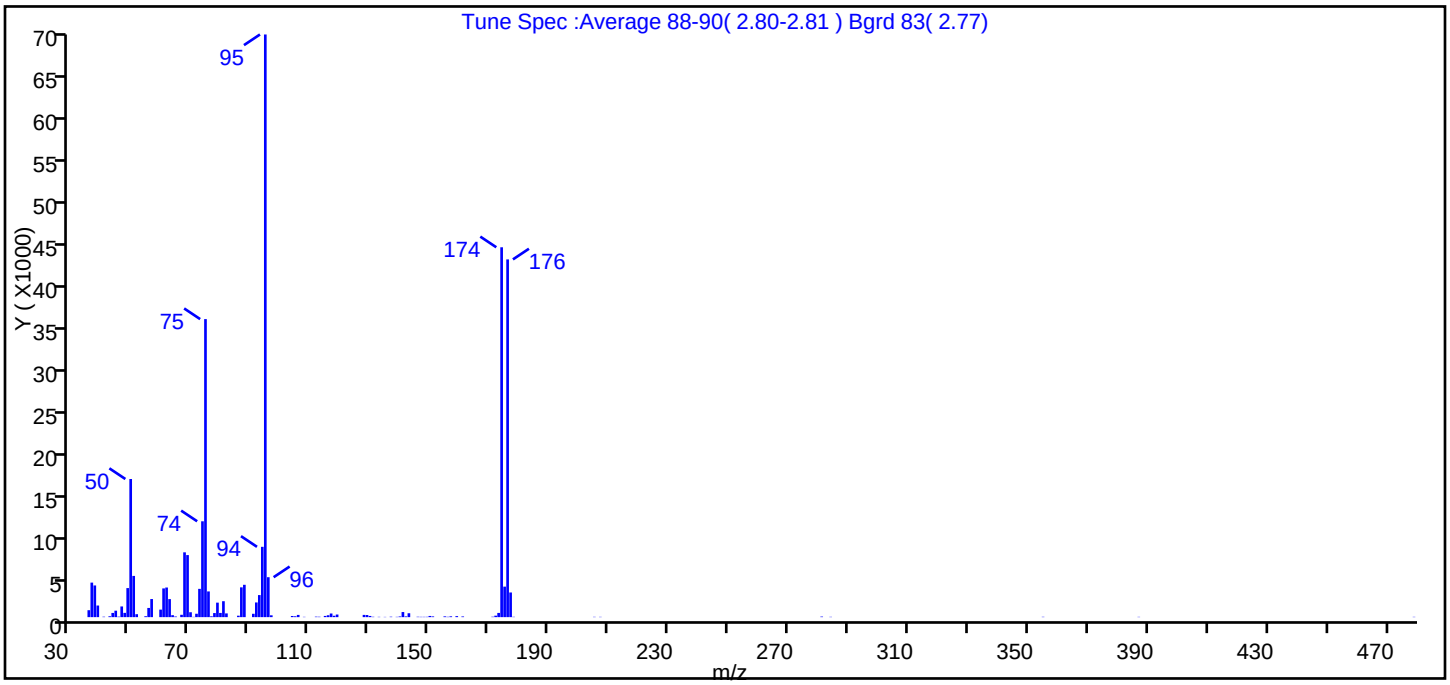
BFB_00013 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27607.D
Injection Date: 02-Oct-2016 06:10:30 Instrument ID: CVOAMS1
Lims ID: BFB
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 100 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA 624 ICAL
Tune Method: BFB Method 8260

$ 136 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	23.7
75	30 to 60% of m/z 95	51.2
96	5 to 9% of m/z 95	6.9
173	Less than 2% of m/z 174	0.7 (1.1)
174	50 to 120% of m/z 95	63.5
175	5 to 9% of m/z 174	5.2 (8.3)
176	Greater than 95% but less than 101% of m/z 174	61.4 (96.7)
177	5 to 9% of m/z 176	4.2 (6.9)

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27607.D\8260624W_1.rslt\spectra.d
Injection Date: 02-Oct-2016 06:10:30
Spectrum: Tune Spec :Average 88-90(2.80-2.81) Bgrd 83(2.77)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 99

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	824	68.00	7694	104.00	137	148.00	37
37.00	4100	69.00	7368	105.00	101	149.00	38
38.00	3762	70.00	582	106.00	265	150.00	141
39.00	1379	71.00	33	108.00	35	151.00	87
41.00	51	72.00	403	112.00	59	155.00	92
43.00	103	73.00	3358	113.00	48	156.00	41
44.00	499	74.00	11380	115.00	144	157.00	97
45.00	765	75.00	35384	116.00	223	159.00	122
46.00	59	76.00	3052	117.00	433	161.00	82
47.00	1269	77.00	97	118.00	164	171.00	50
48.00	508	78.00	485	119.00	309	172.00	174
49.00	3450	79.00	1721	128.00	267	173.00	501
50.00	16400	80.00	499	129.00	252	174.00	43912
51.00	4894	81.00	1892	130.00	141	175.00	3623
52.00	350	82.00	443	131.00	44	176.00	42472
55.00	107	86.00	172	133.00	36	177.00	2928
56.00	1092	87.00	3537	135.00	29	178.00	40
57.00	2149	88.00	3840	137.00	53	205.00	37
60.00	894	91.00	399	139.00	35	207.00	34
61.00	3411	92.00	1744	140.00	81	281.00	66
62.00	3517	93.00	2619	141.00	605	284.00	37
63.00	2142	94.00	8348	142.00	85	355.00	40
64.00	232	95.00	69176	143.00	463	387.00	34
65.00	74	96.00	4741	146.00	46	479.00	35
67.00	279	97.00	217	147.00	37		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60479.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 01-Oct-2016 15:29:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0046290-001
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 02-Oct-2016 11:05:32 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK035

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.159	3.159	0.000	1	630	NR	NR	
$ 140 BFB	95	2.294	2.294	0.000	86	167467	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

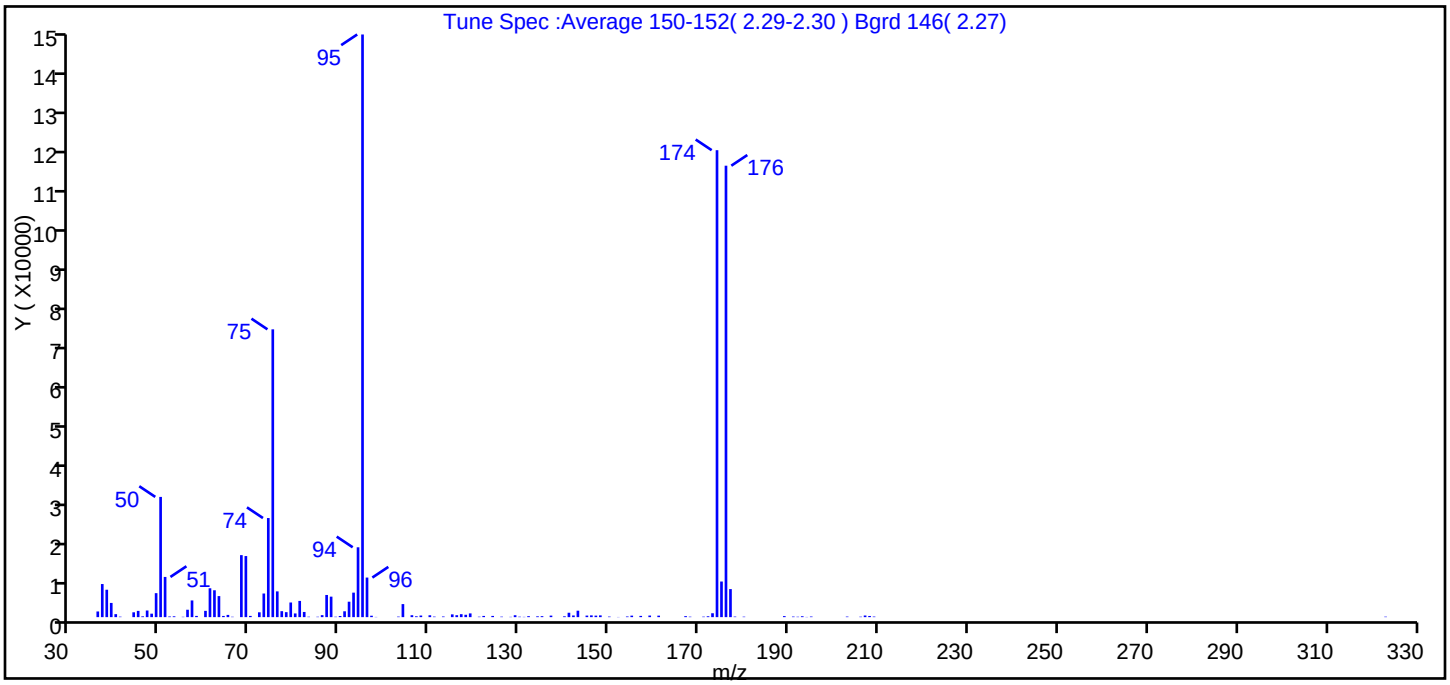
BFB_00013 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60479.D
Injection Date: 01-Oct-2016 15:29:30 Instrument ID: CVOAMS5
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	20.6
75	30 to 60% of m/z 95	49.4
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.7 (0.8)
174	50 to 120% of m/z 95	80.1
175	5 to 9% of m/z 174	6.1 (7.6)
176	Greater than 95% but less than 101% of m/z 174	77.5 (96.7)
177	5 to 9% of m/z 176	4.8 (6.2)

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60479.D\8260W_5.rslt\spectra.d
Injection Date: 01-Oct-2016 15:29:30
Spectrum: Tune Spec :Average 150-152(2.29-2.30) Bgrd 146(2.27)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 119

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1405	72.00	1198	108.00	397	152.00	43
37.00	8197	73.00	5852	110.00	465	154.00	164
38.00	6787	74.00	24536	111.00	131	155.00	372
39.00	3518	75.00	71256	113.00	158	157.00	311
40.00	741	76.00	6377	115.00	686	159.00	394
41.00	116	77.00	1479	116.00	483	161.00	371
44.00	1200	78.00	1235	117.00	734	167.00	248
45.00	1549	79.00	3627	118.00	588	168.00	114
46.00	198	80.00	913	119.00	928	171.00	122
47.00	1645	81.00	4016	121.00	109	172.00	215
48.00	860	82.00	1283	122.00	299	173.00	966
49.00	5938	83.00	107	124.00	303	174.00	115608
50.00	29768	85.00	97	126.00	119	175.00	8819
51.00	9955	86.00	493	128.00	70	176.00	111768
52.00	162	87.00	5489	129.00	472	177.00	6945
53.00	205	88.00	5075	130.00	112	178.00	137
55.00	85	89.00	101	131.00	65	180.00	116
56.00	1834	90.00	284	132.00	242	189.00	254
57.00	4135	91.00	1450	134.00	201	191.00	142
58.00	305	92.00	3822	135.00	241	192.00	100
60.00	1556	93.00	6067	137.00	380	193.00	220
61.00	7147	94.00	17296	140.00	205	194.00	48
62.00	6654	95.00	144256	141.00	1089	195.00	151
63.00	5212	96.00	9799	142.00	412	203.00	141
64.00	299	97.00	353	143.00	1597	206.00	112
65.00	555	98.00	49	145.00	383	207.00	403
66.00	94	103.00	132	146.00	437	208.00	287
68.00	15353	104.00	3229	147.00	377	209.00	142
69.00	15123	106.00	476	148.00	436	323.00	116
70.00	305	107.00	208	150.00	137		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60552.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 03-Oct-2016 07:27:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0046337-001
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 04-Oct-2016 09:25:20 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: moroneyc Date: 04-Oct-2016 09:25:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 140 BFB	95	2.311	2.311	0.000	94	64275	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

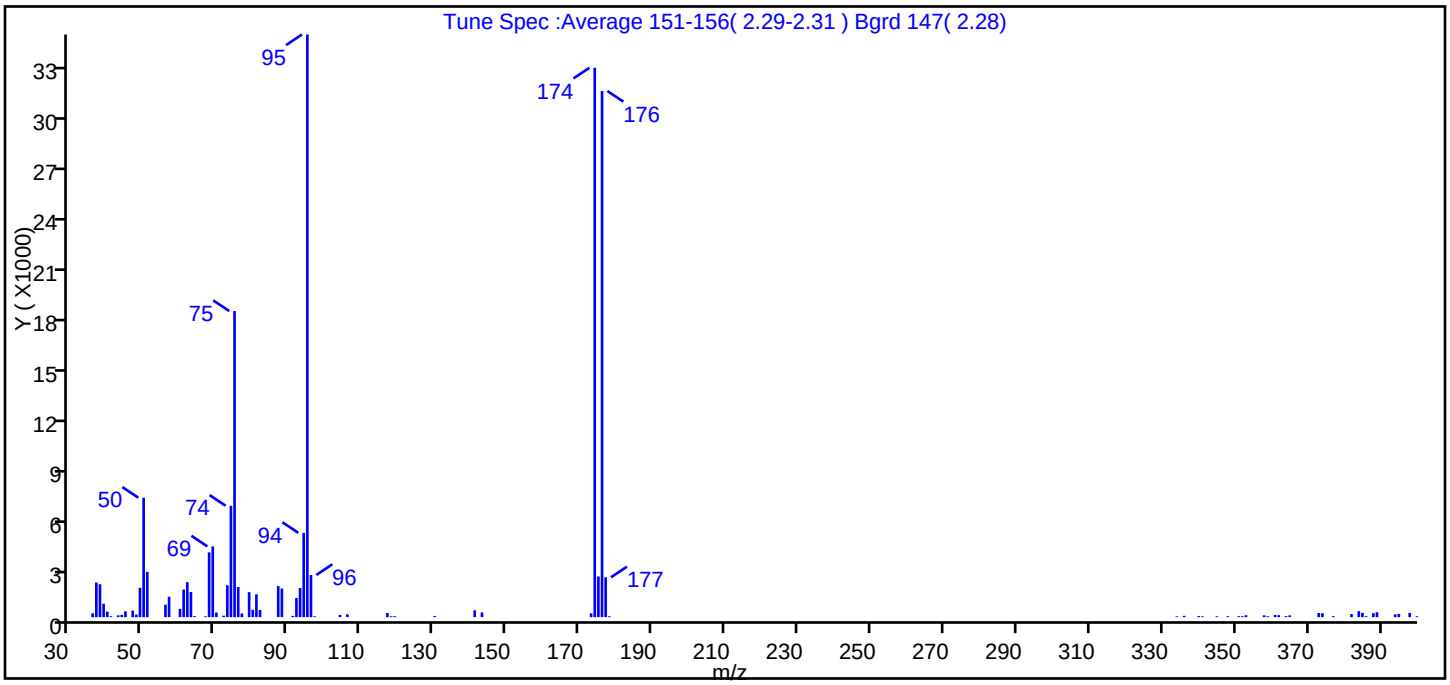
BFB_00013 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60552.D
Injection Date: 03-Oct-2016 07:27:30 Instrument ID: CVOAMS5
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	20.5
75	30 to 60% of m/z 95	52.5
96	5 to 9% of m/z 95	7.2
173	Less than 2% of m/z 174	0.7 (0.7)
174	50 to 120% of m/z 95	94.3
175	5 to 9% of m/z 174	7.0 (7.4)
176	Greater than 95% but less than 101% of m/z 174	90.3 (95.8)
177	5 to 9% of m/z 176	6.8 (7.6)

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60552.D\8260W_5.rslt\spectra.d
Injection Date: 03-Oct-2016 07:27:30
Spectrum: Tune Spec :Average 151-156(2.29-2.31) Bgrd 147(2.28)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 86

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	226	68.00	3812	104.00	132	353.00	113
37.00	2040	69.00	4162	106.00	168	358.00	109
38.00	1936	70.00	269	117.00	246	359.00	53
39.00	790	72.00	86	118.00	50	361.00	128
40.00	321	73.00	1876	119.00	56	362.00	117
41.00	53	74.00	6556	130.00	64	364.00	61
43.00	107	75.00	18016	141.00	403	365.00	106
44.00	135	76.00	1773	143.00	275	373.00	241
45.00	342	77.00	214	173.00	226	374.00	228
47.00	383	79.00	1473	174.00	32336	377.00	60
48.00	150	80.00	432	175.00	2393	382.00	178
49.00	1729	81.00	1339	176.00	30968	384.00	353
50.00	7031	82.00	426	177.00	2346	385.00	254
51.00	2665	87.00	1826	178.00	51	386.00	56
56.00	733	88.00	1684	334.00	50	388.00	233
57.00	1202	91.00	74	336.00	77	389.00	292
60.00	489	92.00	1131	340.00	64	394.00	165
61.00	1624	93.00	1718	341.00	51	395.00	189
62.00	2057	94.00	4958	345.00	51	398.00	250
63.00	1481	95.00	34296	348.00	54	400.00	55
64.00	59	96.00	2483	351.00	55		
67.00	51	97.00	51	352.00	55		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161004-46395.b\E60606.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 04-Oct-2016 06:51:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0046395-001
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161004-46395.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 04-Oct-2016 09:18:33 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: moroneyc Date: 04-Oct-2016 07:02:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 140 BFB	95	2.311	2.311	0.000	92	46858	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

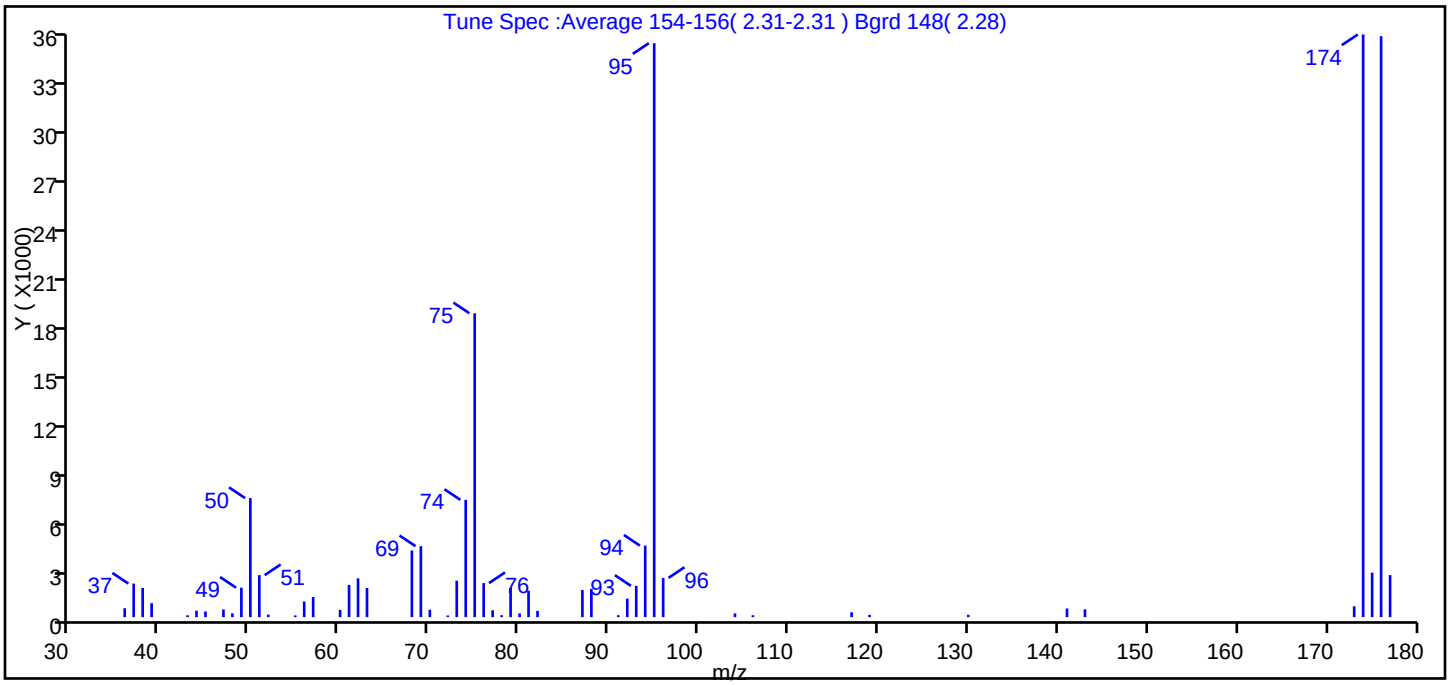
BFB_00013 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161004-46395.b\E60606.D
Injection Date: 04-Oct-2016 06:51:30 Instrument ID: CVOAMS5
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	20.7
75	30 to 60% of m/z 95	52.9
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	1.9 (1.9)
174	50 to 120% of m/z 95	101.5
175	5 to 9% of m/z 174	7.8 (7.6)
176	Greater than 95% but less than 101% of m/z 174	101.2 (99.7)
177	5 to 9% of m/z 176	7.3 (7.2)

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161004-46395.b\E60606.D\8260W_5.rslt\spectra.d
Injection Date: 04-Oct-2016 06:51:30
Spectrum: Tune Spec :Average 154-156(2.31-2.31) Bgrd 148(2.28)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 54

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	543	56.00	951	77.00	418	104.00	226
37.00	2040	57.00	1221	78.00	118	106.00	116
38.00	1777	60.00	444	79.00	1779	117.00	294
39.00	849	61.00	1958	80.00	226	119.00	139
43.00	111	62.00	2360	81.00	1610	130.00	141
44.00	389	63.00	1770	82.00	381	141.00	525
45.00	346	68.00	4051	87.00	1654	143.00	474
47.00	467	69.00	4315	88.00	1723	173.00	660
48.00	228	70.00	448	91.00	117	174.00	35432
49.00	1792	72.00	101	92.00	1128	175.00	2707
50.00	7242	73.00	2220	93.00	1904	176.00	35328
51.00	2554	74.00	7131	94.00	4350	177.00	2558
52.00	151	75.00	18480	95.00	34904		
55.00	104	76.00	2070	96.00	2387		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-394312/7

Matrix: Water | Lab File ID: A27613.D

Analysis Method: 624 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 08:31

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.22	U	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	0.27	U	1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	0.35	U	1.0	0.35
95-50-1	1,2-Dichlorobenzene	0.22	U	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.33	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-394312/7

Matrix: Water | Lab File ID: A27613.D

Analysis Method: 624 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 08:31

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		48-130
2037-26-5	Toluene-d8 (Surr)	104		80-120
460-00-4	Bromofluorobenzene	91		71-131
1868-53-7	Dibromofluoromethane (Surr)	99		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-394312/7

Matrix: Water Lab File ID: A27613.D

Analysis Method: 624 Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/02/2016 08:31

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.: 394312 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27613.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 02-Oct-2016 08:31:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0046300-007
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 03-Oct-2016 07:14:44 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: moroneyc Date: 03-Oct-2016 06:35:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.474	3.450	0.024	99	258839	1000.0	1000.0	
* 39 2-Butanone-d5	46	4.437	4.425	0.012	99	314479	250.0	250.0	
$ 53 Dibromofluoromethane (Surr	113	4.821	4.815	0.006	95	125348	50.0	49.5	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.102	5.096	0.006	98	166181	50.0	54.2	
* 64 Fluorobenzene	96	5.309	5.303	0.006	97	478468	50.0	50.0	
* 70 1,4-Dioxane-d8	96	5.846	5.846	0.000	94	21376	1000.0	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.662	6.662	0.000	98	419720	50.0	52.1	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	91	282085	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	8.528	8.528	0.000	83	103122	50.0	45.7	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	98	155385	50.0	50.0	

Reagents:

8260ISNEW_00085 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00140 Amount Added: 1.00 Units: uL Run Reagent

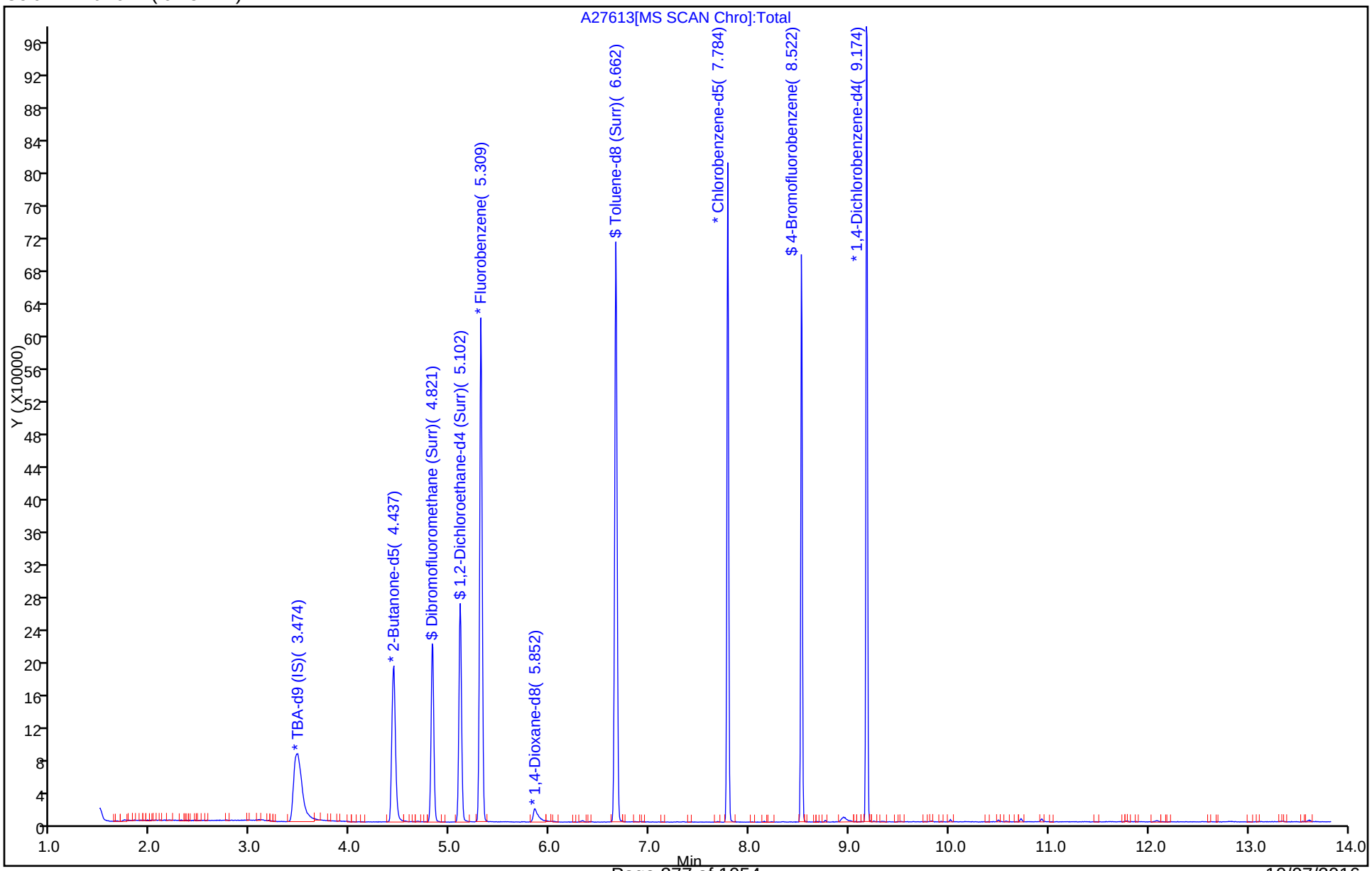
Report Date: 03-Oct-2016 07:14:51 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27613.D

Injection Date:	02-Oct-2016 08:31:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-394593/8

Matrix: Water | Lab File ID: E60559.D

Analysis Method: 624 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 10:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394593 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.22	U	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	0.27	U	1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	0.35	U	1.0	0.35
95-50-1	1,2-Dichlorobenzene	0.22	U	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.33	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-394593/8

Matrix: Water | Lab File ID: E60559.D

Analysis Method: 624 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 10:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394593 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		48-130
2037-26-5	Toluene-d8 (Surr)	100		80-120
460-00-4	Bromofluorobenzene	97		71-131
1868-53-7	Dibromofluoromethane (Surr)	102		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-394593/8

Matrix: Water Lab File ID: E60559.D

Analysis Method: 624 Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/03/2016 10:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 394593 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60559.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 03-Oct-2016 10:43:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0046337-008
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 05-Oct-2016 21:31:07 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK020

First Level Reviewer: delpolitov Date: 05-Oct-2016 21:26:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	1.879	1.887	-0.008	99	403258	1000.0	1000.0	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	96	152188	50.0	51.2	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	99	358065	250.0	250.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	97	170423	50.0	45.5	
* 63 Fluorobenzene	96	3.385	3.385	0.000	99	572032	50.0	50.0	
* 74 1,4-Dioxane-d8	96	4.232	4.249	-0.017	98	46840	1000.0	1000.0	M
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	99	563255	50.0	50.0	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	85	504273	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	8.430	8.429	0.001	89	191170	50.0	48.3	
* 121 1,4-Dichlorobenzene-d4	152	10.174	10.166	0.008	89	304491	50.0	50.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00089 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00141 Amount Added: 1.00 Units: uL Run Reagent

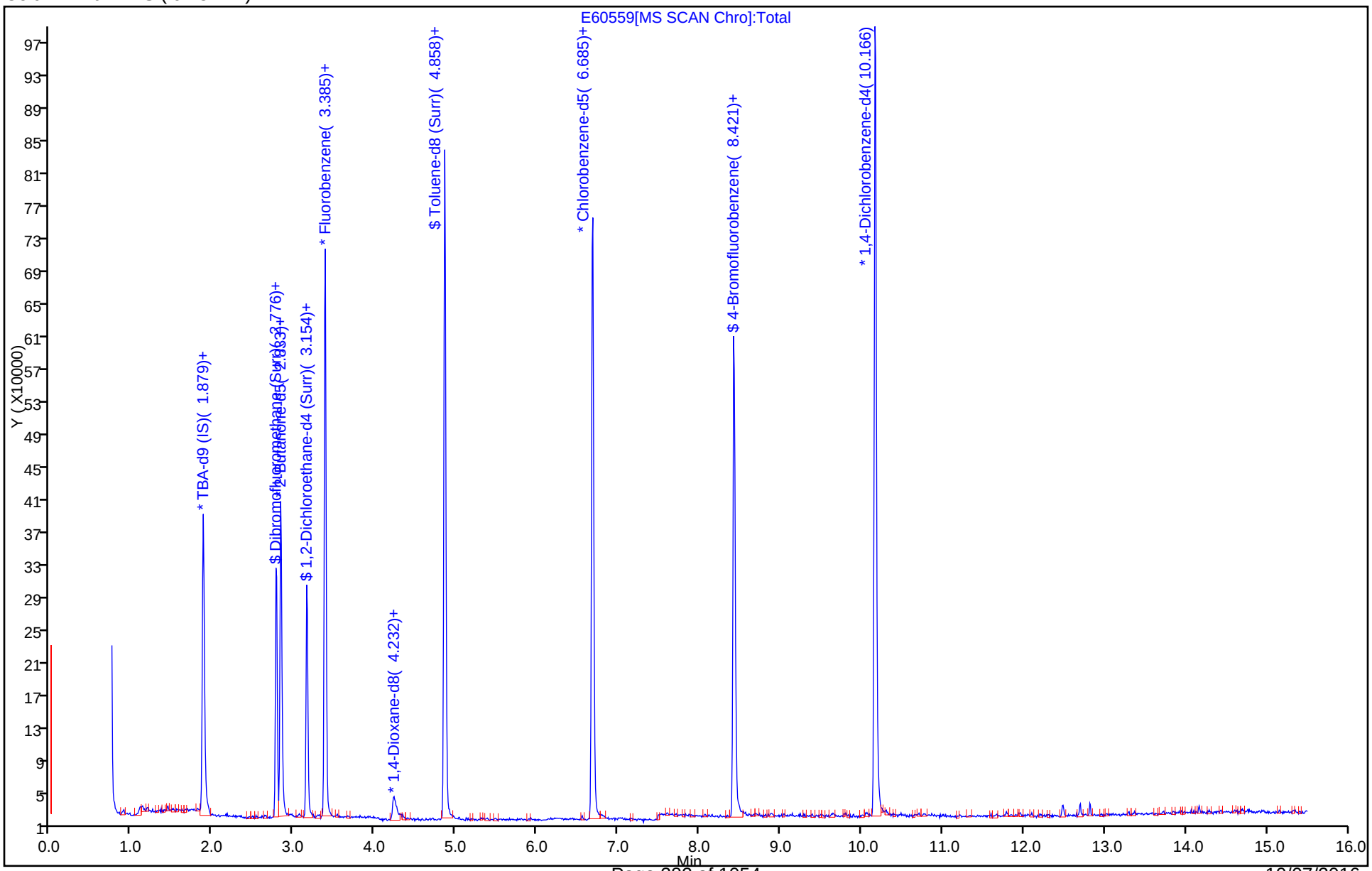
Report Date: 05-Oct-2016 21:31:53 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60559.D

Injection Date:	03-Oct-2016 10:43:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260W_5	Limit Group:	VOA 624 ICAL		

Column: Rtx-VMS (0.18 mm)



Manual Integration/User Assign Peak Report

TestAmerica Edison

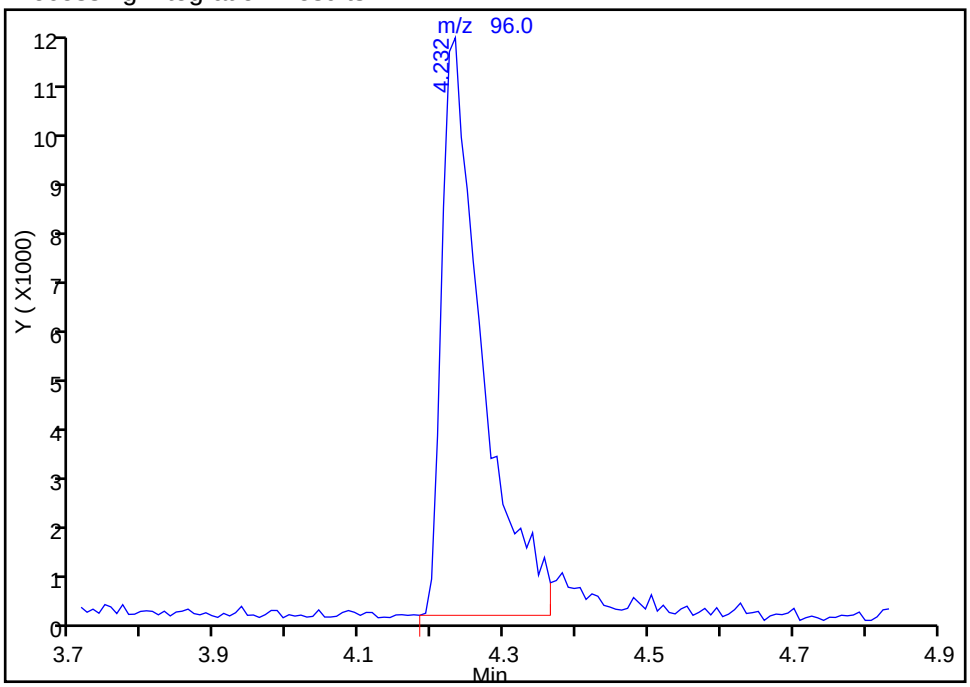
Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60559.D
Injection Date: 03-Oct-2016 10:43:30 Instrument ID: CVOAMS5
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

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

Signal: 1

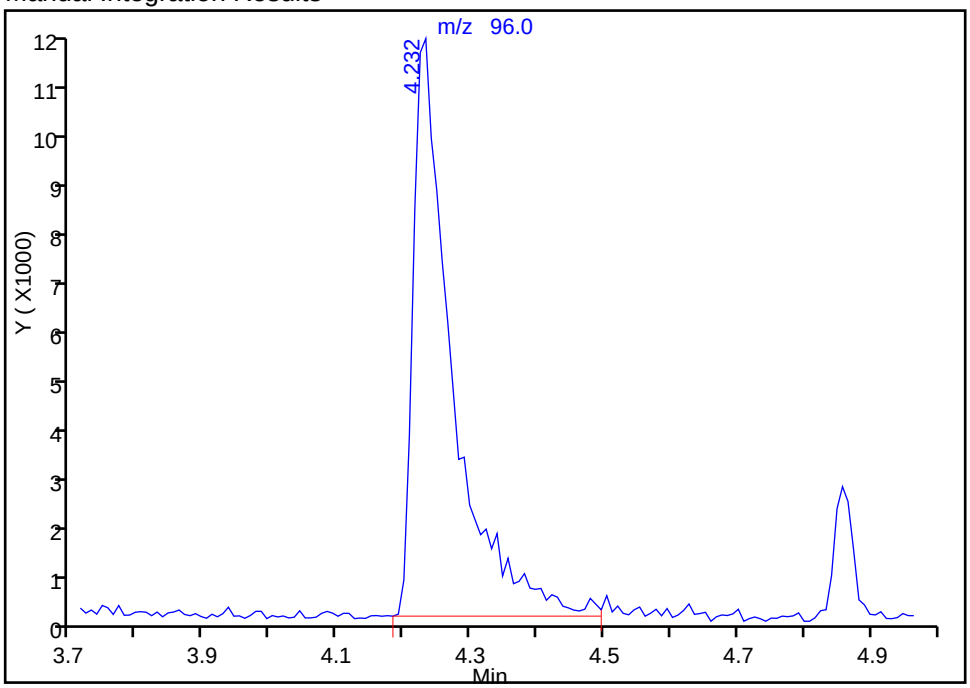
Processing Integration Results

RT: 4.23
Area: 44042
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.23
Area: 46840
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 05-Oct-2016 21:26:36
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-394701/8

Matrix: Water | Lab File ID: E60613.D

Analysis Method: 624 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/04/2016 09:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394701 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.22	U	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	0.27	U	1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	0.35	U	1.0	0.35
95-50-1	1,2-Dichlorobenzene	0.22	U	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.33	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-394701/8

Matrix: Water | Lab File ID: E60613.D

Analysis Method: 624 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/04/2016 09:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394701 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		48-130
2037-26-5	Toluene-d8 (Surr)	91		80-120
460-00-4	Bromofluorobenzene	87		71-131
1868-53-7	Dibromofluoromethane (Surr)	116		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-394701/8

Matrix: Water Lab File ID: E60613.D

Analysis Method: 624 Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/04/2016 09:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 394701 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161004-46395.b\E60613.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 04-Oct-2016 09:54:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0046395-008
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161004-46395.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 05-Oct-2016 14:38:34 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: delpolitov Date: 05-Oct-2016 14:38:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	1.879	1.879	0.000	99	329742	1000.0	1000.0	
$ 48 Dibromofluoromethane (Surr	113	2.784	2.776	0.008	95	153074	50.0	57.9	
* 50 2-Butanone-d5	46	2.842	2.841	0.001	97	358512	250.0	250.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	97	162748	50.0	48.9	
* 63 Fluorobenzene	96	3.385	3.385	0.000	99	508244	50.0	50.0	
* 74 1,4-Dioxane-d8	96	4.224	4.241	-0.016	92	44825	1000.0	1000.0	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	99	511231	50.0	45.4	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	91	504061	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	8.430	8.429	0.001	95	172242	50.0	43.5	
* 121 1,4-Dichlorobenzene-d4	152	10.174	10.174	0.000	94	281072	50.0	50.0	

Reagents:

8260ISNEW_00089 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00141 Amount Added: 1.00 Units: uL Run Reagent

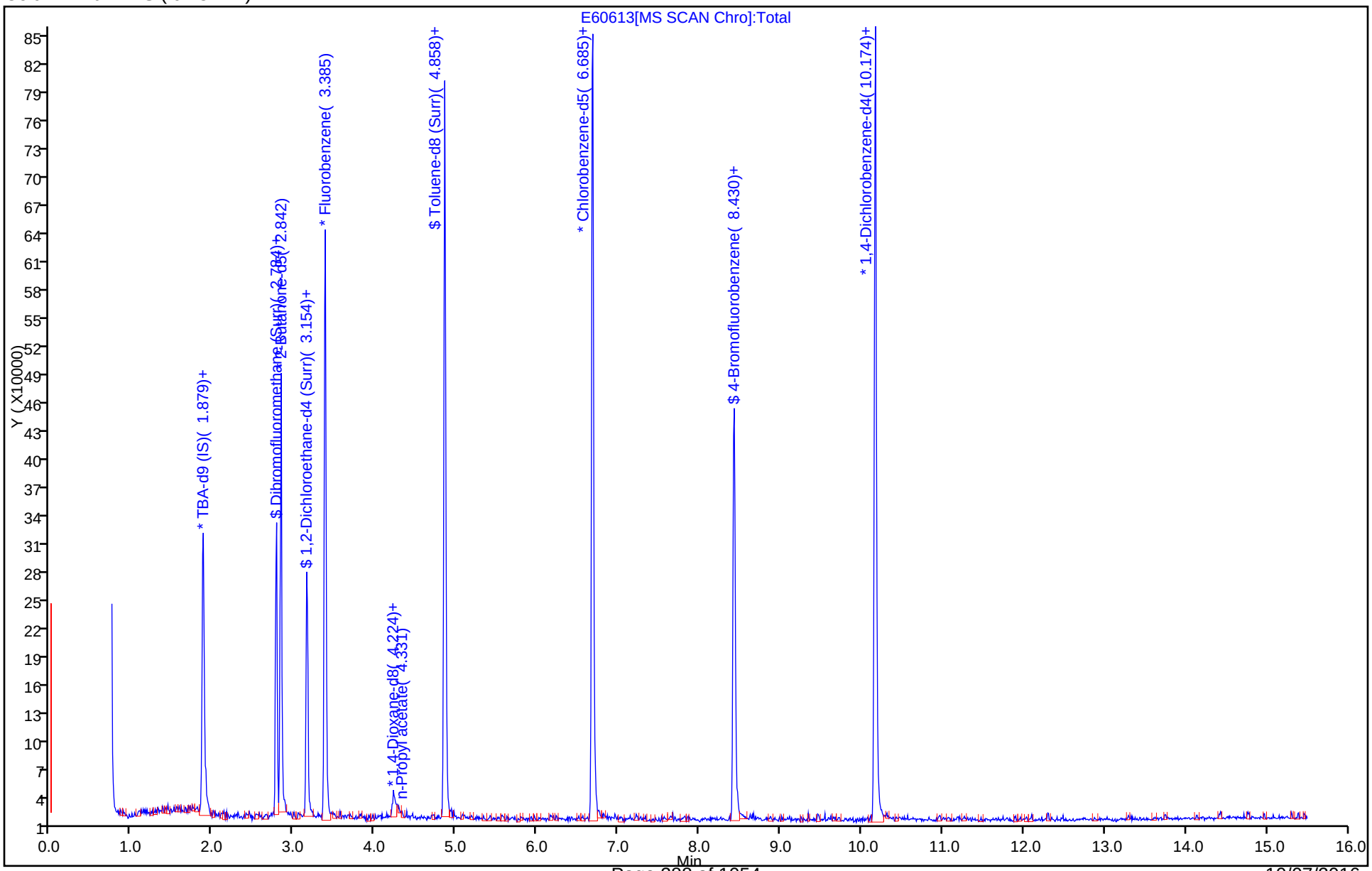
Report Date: 05-Oct-2016 14:38:38 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161004-46395.b\E60613.D

Injection Date:	04-Oct-2016 09:54:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260W_5	Limit Group:	VOA 624 ICAL		

Column: Rtx-VMS (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-394312/4

Matrix: Water | Lab File ID: A27610.D

Analysis Method: 624 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 07:26

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	18.4		1.0	0.37
75-01-4	Vinyl chloride	19.6		1.0	0.060
74-83-9	Bromomethane	17.8		1.0	0.18
74-87-3	Chloromethane	19.4		1.0	0.22
67-64-1	Acetone	104		5.0	1.1
75-15-0	Carbon disulfide	18.7		1.0	0.22
75-09-2	Methylene Chloride	21.4		1.0	0.21
75-69-4	Trichlorofluoromethane	18.5		1.0	0.15
75-35-4	1,1-Dichloroethene	18.4		1.0	0.34
67-66-3	Chloroform	20.7		1.0	0.22
108-88-3	Toluene	19.9		1.0	0.25
71-43-2	Benzene	20.5		1.0	0.090
76-13-1	Freon TF	19.4		1.0	0.34
100-42-5	Styrene	19.4		1.0	0.17
75-25-2	Bromoform	15.4		1.0	0.18
110-82-7	Cyclohexane	21.3		1.0	0.26
56-23-5	Carbon tetrachloride	18.0		1.0	0.33
108-90-7	Chlorobenzene	19.9		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.1		1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	21.2		1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	23.9		1.0	0.35
95-50-1	1,2-Dichlorobenzene	21.2		1.0	0.22
541-73-1	1,3-Dichlorobenzene	20.8		1.0	0.33
106-46-7	1,4-Dichlorobenzene	20.5		1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	21.8		1.0	0.23
79-00-5	1,1,2-Trichloroethane	21.3		1.0	0.080
108-10-1	4-Methyl-2-pentanone	99.1		5.0	0.63
123-91-1	p-Dioxane	490		50	8.7
107-06-2	1,2-Dichloroethane	20.6		1.0	0.25
78-93-3	2-Butanone	93.0		5.0	2.2
75-34-3	1,1-Dichloroethane	21.1		1.0	0.24
591-78-6	2-Hexanone	100		5.0	0.72
1634-04-4	MTBE	21.1		1.0	0.13
127-18-4	Tetrachloroethene	18.1		1.0	0.12
98-82-8	Isopropylbenzene	19.7		1.0	0.32
100-41-4	Ethylbenzene	19.7		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-394312/4

Matrix: Water | Lab File ID: A27610.D

Analysis Method: 624 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 07:26

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.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	18.4		1.0	0.15
75-71-8	Dichlorodifluoromethane	18.2		1.0	0.14
79-20-9	Methyl acetate	113		5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	18.8		1.0	0.19
156-60-5	trans-1,2-Dichloroethene	19.5		1.0	0.18
156-59-2	cis-1,2-Dichloroethene	20.1		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	19.7		1.0	0.16
1330-20-7	Xylenes, Total	38.9		2.0	0.28
79-01-6	Trichloroethene	18.9		1.0	0.22
108-87-2	Methylcyclohexane	20.0		1.0	0.22
71-55-6	1,1,1-Trichloroethane	18.9		1.0	0.28
78-87-5	1,2-Dichloropropane	19.9		1.0	0.18
124-48-1	Dibromochloromethane	17.7		1.0	0.22
106-93-4	1,2-Dibromoethane	20.7		1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		48-130
2037-26-5	Toluene-d8 (Surr)	104		80-120
460-00-4	Bromofluorobenzene	92		71-131
1868-53-7	Dibromofluoromethane (Surr)	100		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27610.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 02-Oct-2016 07:26:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0046300-004
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\8260624W_1.m
Limit Group: VOA 624 ICAL
Last Update: 03-Oct-2016 07:14:44 Calib Date: 08-Sep-2016 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20160908-45311.b\A26272.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: desais Date: 02-Oct-2016 10:31:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.590	1.596	-0.006	89	12761	NC	NC	
3 Dichlorodifluoromethane	85	1.627	1.633	-0.006	99	82514	20.0	18.2	
4 Chloromethane	50	1.804	1.804	0.000	100	109042	20.0	19.4	
5 Vinyl chloride	62	1.913	1.913	0.000	98	97117	20.0	19.6	
6 Butadiene	54	1.913	1.913	0.000	95	89194	NC	NC	
7 Bromomethane	94	2.237	2.230	0.006	98	49939	20.0	17.8	
8 Chloroethane	64	2.310	2.310	0.000	100	50004	20.0	18.4	
9 Dichlorofluoromethane	67	2.523	2.523	0.000	99	134620	NC	NC	
10 Trichlorofluoromethane	101	2.529	2.529	0.000	52	81474	20.0	18.5	
12 Pentane	72	2.541	2.541	0.000	97	19580	40.0	32.7	
13 Ethyl ether	59	2.755	2.755	0.000	95	57643	20.0	20.8	
14 Ethanol	46	2.767	2.761	0.006	71	16923	800.0	1078.5	
15 2-Methyl-1,3-butadiene	53	2.779	2.779	0.000	97	57284	20.0	18.8	
16 1,2-Dichloro-1,1,2-trifluo	117	2.834	2.846	-0.012	87	43283	NC	NC	
11 Acrolein	56	2.950	2.944	0.006	95	20886	40.0	40.9	
17 1,1,2-Trichloro-1,2,2-trif	101	2.980	2.980	0.000	67	46956	20.0	19.4	
18 1,1-Dichloroethene	96	2.980	2.980	0.000	94	53489	20.0	18.4	
19 Acetone	43	3.084	3.084	0.000	87	115740	100.0	103.6	
20 Iodomethane	142	3.139	3.139	0.000	100	85955	20.0	17.2	
21 Carbon disulfide	76	3.175	3.169	0.006	100	223397	20.0	18.7	
22 Isopropyl alcohol	45	3.181	3.175	0.006	11	43939	200.0	241.1	
23 3-Chloro-1-propene	76	3.309	3.309	0.000	90	37484	20.0	19.0	
25 Cyclopentene	67	3.328	3.328	0.000	70	163268	NC	NC	
24 Methyl acetate	43	3.328	3.328	0.000	99	289847	100.0	112.6	
26 Acetonitrile	41	3.389	3.395	-0.006	100	124843	200.0	226.8	
27 Methylene Chloride	84	3.444	3.444	0.000	98	74563	20.0	21.4	
* 28 TBA-d9 (IS)	65	3.456	3.450	0.006	94	263114	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.511	3.517	-0.006	91	65450	200.0	212.3	
30 Methyl tert-butyl ether	73	3.614	3.620	-0.006	98	186477	20.0	21.1	
31 trans-1,2-Dichloroethene	96	3.620	3.620	0.000	99	60374	20.0	19.5	
32 Acrylonitrile	53	3.700	3.700	0.000	93	299056	200.0	232.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Hexane	43	3.773	3.773	0.000	95	58415	20.0	20.1	
34 Isopropyl ether	45	3.974	3.974	0.000	97	249562	20.0	21.4	
35 1,1-Dichloroethane	63	3.998	3.998	0.000	99	126657	20.0	21.1	
36 Vinyl acetate	86	4.011	4.011	0.000	100	21789	40.0	38.2	
37 2-Chloro-1,3-butadiene	88	4.041	4.041	0.000	93	51191	NC	NC	
38 Tert-butyl ethyl ether	59	4.261	4.254	0.006	88	202520	NC	NC	
* 39 2-Butanone-d5	46	4.425	4.425	0.000	96	327815	250.0	250.0	
40 2,2-Dichloropropane	97	4.456	4.449	0.007	89	17812	20.0	17.2	
41 cis-1,2-Dichloroethene	96	4.462	4.456	0.006	90	64495	20.0	20.1	
42 2-Butanone (MEK)	72	4.474	4.474	0.000	95	33436	100.0	93.0	
43 Ethyl acetate	70	4.474	4.474	0.000	96	11254	40.0	38.2	
44 Methyl acrylate	55	4.523	4.517	0.006	57	55020	NC	NC	
45 Propionitrile	54	4.590	4.590	0.000	98	99145	NC	NC	
46 Tetrahydrofuran	72	4.651	4.645	0.006	65	15731	40.0	37.3	
47 Chlorobromomethane	128	4.651	4.651	0.000	95	27317	20.0	19.2	
48 Methacrylonitrile	67	4.675	4.669	0.006	95	255701	NC	NC	
49 Chloroform	83	4.693	4.687	0.006	97	104401	20.0	20.7	
50 Cyclohexane	56	4.803	4.803	0.000	96	109333	20.0	21.3	
52 1,1,1-Trichloroethane	97	4.815	4.815	0.000	96	78504	20.0	18.9	
$ 53 Dibromofluoromethane (Surr	113	4.821	4.815	0.006	95	128157	50.0	50.0	
54 Carbon tetrachloride	117	4.913	4.907	0.006	96	61260	20.0	18.0	
55 1,1-Dichloropropene	75	4.931	4.925	0.006	94	77593	20.0	19.9	
56 Isobutyl alcohol	43	5.023	5.023	0.000	93	105642	NC	NC	
57 Isooctane	57	5.059	5.053	0.006	98	186304	NC	NC	
58 Benzene	78	5.090	5.090	0.000	98	229386	20.0	20.5	
$ 59 1,2-Dichloroethane-d4 (Sur	65	5.096	5.096	0.000	99	166465	50.0	53.5	
60 Isopropyl acetate	43	5.126	5.126	0.000	96	201791	20.0	20.6	
61 Tert-amyl methyl ether	73	5.132	5.132	0.000	92	183722	NC	NC	
62 1,2-Dichloroethane	62	5.157	5.157	0.000	96	76313	20.0	20.6	
63 n-Heptane	71	5.193	5.193	0.000	95	46724	20.0	19.8	
* 64 Fluorobenzene	96	5.309	5.303	0.006	97	485120	50.0	50.0	
65 n-Butanol	56	5.522	5.516	0.006	91	33158	500.0	451.0	
66 Trichloroethene	95	5.571	5.571	0.000	94	49955	20.0	18.9	
67 Ethyl acrylate	55	5.663	5.663	0.000	98	152651	20.0	19.4	
68 Methylcyclohexane	83	5.675	5.675	0.000	95	86646	20.0	20.0	
69 1,2-Dichloropropane	63	5.809	5.809	0.000	94	63300	20.0	19.9	
* 70 1,4-Dioxane-d8	96	5.846	5.846	0.000	37	23135	1000.0	1000.0	
71 Methyl methacrylate	100	5.852	5.852	0.000	93	24326	40.0	38.8	
72 n-Propyl acetate	43	5.894	5.888	0.006	98	85688	20.0	20.9	
73 1,4-Dioxane	88	5.894	5.894	0.000	38	11868	400.0	489.6	
74 Dibromomethane	93	5.913	5.913	0.000	90	32753	20.0	20.0	
75 Dichlorobromomethane	83	6.028	6.028	0.000	98	65709	20.0	18.4	
76 2-Chloroethyl vinyl ether	63	6.303	6.309	-0.006	97	34460	20.0	20.3	
77 2-Nitropropane	41	6.321	6.321	0.000	99	23556	NC	NC	
78 Epichlorohydrin	57	6.413	6.413	0.001	99	112856	400.0	389.3	
79 cis-1,3-Dichloropropene	75	6.455	6.455	0.000	95	79994	20.0	19.7	
80 4-Methyl-2-pentanone (MIBK	43	6.589	6.589	0.000	98	331331	100.0	99.1	
$ 81 Toluene-d8 (Surr)	98	6.662	6.662	0.000	98	444902	50.0	51.9	
82 Toluene	91	6.717	6.717	0.000	93	203823	20.0	19.9	
83 trans-1,3-Dichloropropene	75	6.955	6.955	0.000	98	65562	20.0	18.8	
84 Ethyl methacrylate	69	6.967	6.967	0.000	88	64457	NC	NC	
85 1,1,2-Trichloroethane	83	7.108	7.107	0.001	95	39633	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Tetrachloroethene	166	7.144	7.144	0.000	92	37679	20.0	18.1	
87 1,3-Dichloropropane	76	7.242	7.242	0.000	97	78194	20.0	21.5	
88 2-Hexanone	43	7.272	7.272	0.000	98	202104	100.0	100.3	
89 n-Butyl acetate	73	7.327	7.327	0.000	98	13691	20.0	20.1	
90 Chlorodibromomethane	129	7.388	7.388	0.000	97	38920	20.0	17.7	
91 Ethylene Dibromide	107	7.485	7.485	0.000	97	39629	20.0	20.7	
* 92 Chlorobenzene-d5	117	7.784	7.784	0.000	91	300248	50.0	50.0	
93 Chlorobenzene	112	7.803	7.802	0.000	89	119218	20.0	19.9	
94 Ethylbenzene	106	7.851	7.851	0.000	100	66965	20.0	19.7	
95 1,1,1,2-Tetrachloroethane	131	7.857	7.857	0.000	93	42398	20.0	17.9	
96 m-Xylene & p-Xylene	106	7.924	7.924	0.000	98	82499	20.0	19.4	
97 n-Butyl acrylate	73	8.150	8.150	0.000	96	41857	20.0	19.1	
98 o-Xylene	106	8.187	8.187	0.000	92	86506	20.0	19.6	
99 Styrene	104	8.199	8.199	0.000	93	139693	20.0	19.4	
100 Amyl acetate (mixed isomer	43	8.284	8.284	0.000	89	130128	20.0	20.6	
101 Bromoform	173	8.339	8.339	0.000	91	22658	20.0	15.4	
102 Isopropylbenzene	105	8.400	8.400	0.000	97	225962	20.0	19.7	
$ 103 4-Bromofluorobenzene	174	8.522	8.528	-0.006	79	110707	50.0	46.1	
104 Bromobenzene	156	8.613	8.613	0.000	91	48444	20.0	19.1	
105 1,1,2,2-Tetrachloroethane	83	8.619	8.619	0.000	99	71656	20.0	22.1	
106 N-Propylbenzene	91	8.638	8.638	0.000	98	305673	20.0	21.2	
107 1,2,3-Trichloropropane	110	8.656	8.656	0.000	96	17620	20.0	21.3	
108 trans-1,4-Dichloro-2-buten	53	8.656	8.656	0.000	72	14628	NC	NC	
109 4-Ethyltoluene	105	8.705	8.705	0.000	97	237188	NC	NC	
110 2-Chlorotoluene	91	8.711	8.711	0.000	96	204206	20.0	21.0	
111 1,3,5-Trimethylbenzene	105	8.741	8.741	0.000	92	199800	20.0	21.0	
112 Butyl Methacrylate	87	8.778	8.778	0.000	72	80222	20.0	20.4	
113 4-Chlorotoluene	91	8.778	8.778	0.000	97	180806	20.0	21.9	
114 tert-Butylbenzene	119	8.918	8.918	0.000	91	151832	20.0	19.5	
115 1,2,4-Trimethylbenzene	105	8.955	8.955	0.000	98	209847	20.0	21.0	
116 sec-Butylbenzene	105	9.040	9.040	0.000	99	258563	20.0	20.9	
117 4-Isopropyltoluene	119	9.119	9.119	0.000	97	213336	20.0	20.4	
118 1,3-Dichlorobenzene	146	9.138	9.138	0.000	93	106550	20.0	20.8	
* 119 1,4-Dichlorobenzene-d4	152	9.180	9.180	0.000	98	172657	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.192	9.192	0.000	89	108007	20.0	20.5	
121 Benzyl chloride	91	9.278	9.278	0.000	97	109168	20.0	16.5	
122 2,3-Dihydroindene	117	9.320	9.320	0.000	92	238537	NC	NC	
123 p-Diethylbenzene	119	9.333	9.339	-0.006	91	142181	NC	NC	
124 n-Butylbenzene	92	9.351	9.351	0.000	97	135258	20.0	23.3	
125 1,2-Dichlorobenzene	146	9.418	9.418	0.000	92	107015	20.0	21.2	
126 1,2,4,5-Tetramethylbenzene	119	9.826	9.826	0.000	96	202975	NC	NC	
127 1,2-Dibromo-3-Chloropropan	75	9.924	9.924	0.000	89	11969	20.0	21.8	
128 1,3,5-Trichlorobenzene	180	10.022	10.022	0.000	94	73147	NC	NC	
129 1,2,4-Trichlorobenzene	180	10.497	10.503	-0.006	93	62823	20.0	21.2	
130 Hexachlorobutadiene	225	10.570	10.576	-0.006	89	27167	20.0	19.6	
131 Naphthalene	128	10.723	10.729	-0.006	98	162531	20.0	24.5	
132 1,2,3-Trichlorobenzene	180	10.930	10.936	-0.006	92	51283	20.0	23.9	
S 133 1,2-Dichloroethene, Total	100				0		40.0	39.6	
S 134 Xylenes, Total	100				0		40.0	38.9	
S 135 Total BTEX	1				0		100.0	99.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

GASES Li_00173	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00043	Amount Added:	20.00	Units: uL	
ACROLEIN W_00056	Amount Added:	4.00	Units: uL	
8260ISNEW_00085	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00140	Amount Added:	1.00	Units: uL	Run Reagent

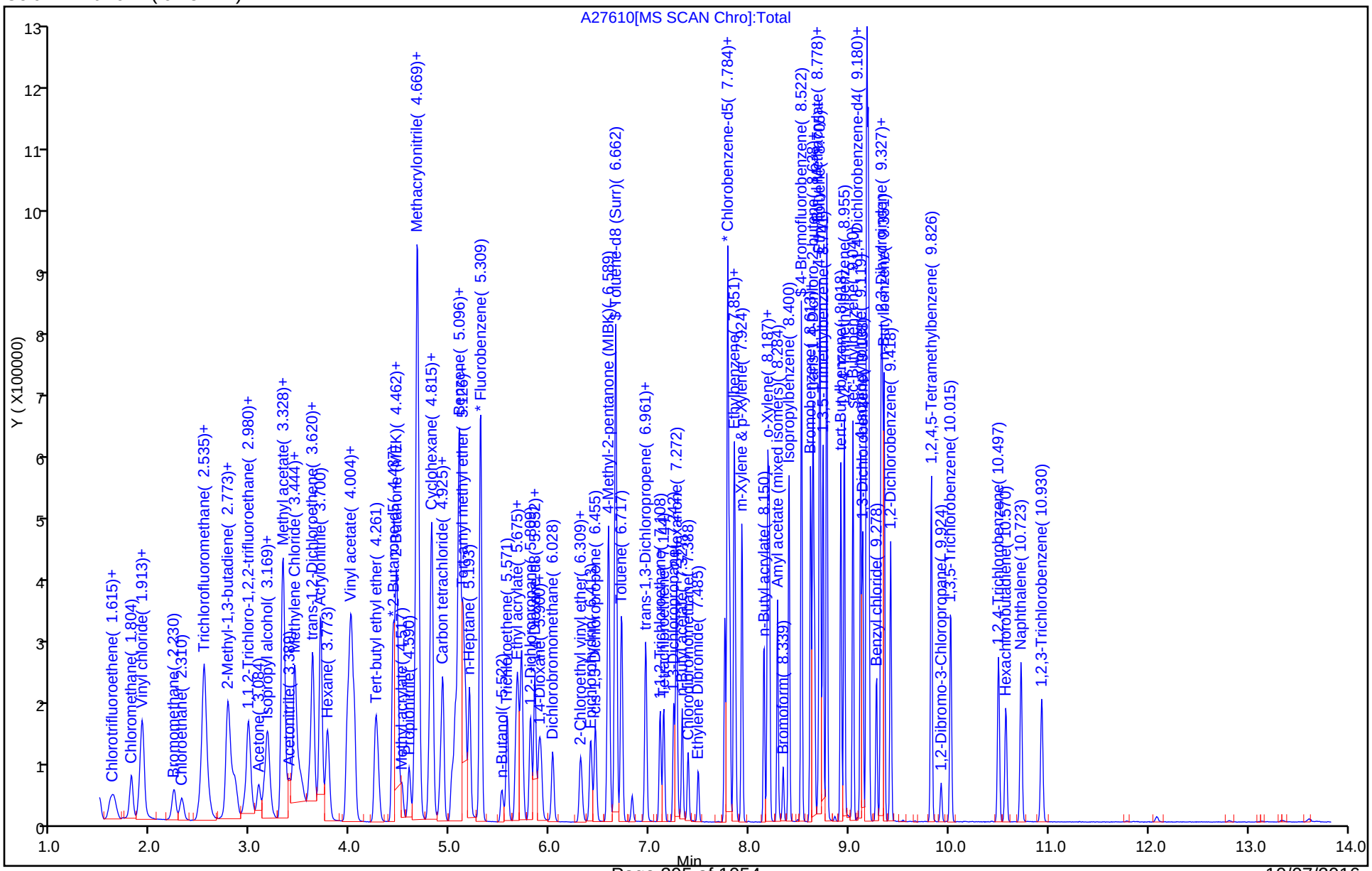
Report Date: 03-Oct-2016 07:14:48 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20161002-46300.b\A27610.D

Injection Date:	02-Oct-2016 07:26:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260624W_1	Limit Group:	VOA 624 ICAL		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-394593/5

Matrix: Water Lab File ID: E60556.D

Analysis Method: 624 Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/03/2016 09:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 394593 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	30.8		1.0	0.37
75-01-4	Vinyl chloride	16.5		1.0	0.060
74-83-9	Bromomethane	19.4		1.0	0.18
74-87-3	Chloromethane	15.5		1.0	0.22
67-64-1	Acetone	76.6		5.0	1.1
75-15-0	Carbon disulfide	17.4		1.0	0.22
75-09-2	Methylene Chloride	18.0		1.0	0.21
75-69-4	Trichlorofluoromethane	40.9		1.0	0.15
75-35-4	1,1-Dichloroethene	17.5		1.0	0.34
67-66-3	Chloroform	19.6		1.0	0.22
108-88-3	Toluene	19.3		1.0	0.25
71-43-2	Benzene	19.6		1.0	0.090
76-13-1	Freon TF	24.3		1.0	0.34
100-42-5	Styrene	18.4		1.0	0.17
75-25-2	Bromoform	16.6		1.0	0.18
110-82-7	Cyclohexane	21.5		1.0	0.26
56-23-5	Carbon tetrachloride	21.7		1.0	0.33
108-90-7	Chlorobenzene	19.2		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.1		1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	17.9		1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	17.5		1.0	0.35
95-50-1	1,2-Dichlorobenzene	19.1		1.0	0.22
541-73-1	1,3-Dichlorobenzene	19.2		1.0	0.33
106-46-7	1,4-Dichlorobenzene	18.8		1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	18.1		1.0	0.23
79-00-5	1,1,2-Trichloroethane	18.6		1.0	0.080
108-10-1	4-Methyl-2-pentanone	97.4		5.0	0.63
123-91-1	p-Dioxane	358		50	8.7
107-06-2	1,2-Dichloroethane	17.3		1.0	0.25
78-93-3	2-Butanone	99.3		5.0	2.2
75-34-3	1,1-Dichloroethane	18.0		1.0	0.24
591-78-6	2-Hexanone	94.7		5.0	0.72
1634-04-4	MTBE	17.3		1.0	0.13
127-18-4	Tetrachloroethene	19.7		1.0	0.12
98-82-8	Isopropylbenzene	18.9		1.0	0.32
100-41-4	Ethylbenzene	19.3		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-394593/5

Matrix: Water | Lab File ID: E60556.D

Analysis Method: 624 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 09:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394593 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	18.6		1.0	0.15
75-71-8	Dichlorodifluoromethane	22.4		1.0	0.14
79-20-9	Methyl acetate	87.8		5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	18.0		1.0	0.19
156-60-5	trans-1,2-Dichloroethene	17.6		1.0	0.18
156-59-2	cis-1,2-Dichloroethene	19.7		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	18.0		1.0	0.16
1330-20-7	Xylenes, Total	37.5		2.0	0.28
79-01-6	Trichloroethene	19.9		1.0	0.22
108-87-2	Methylcyclohexane	24.3		1.0	0.22
71-55-6	1,1,1-Trichloroethane	21.5		1.0	0.28
78-87-5	1,2-Dichloropropane	17.3		1.0	0.18
124-48-1	Dibromochloromethane	17.7		1.0	0.22
106-93-4	1,2-Dibromoethane	18.6		1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		48-130
2037-26-5	Toluene-d8 (Surr)	98		80-120
460-00-4	Bromofluorobenzene	94		71-131
1868-53-7	Dibromofluoromethane (Surr)	107		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60556.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 03-Oct-2016 09:18:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0046337-005
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 05-Oct-2016 21:31:07 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK020

First Level Reviewer: delpolitov Date: 05-Oct-2016 21:21:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.801	0.801	0.000	88	9890	NC	NC	
2 Dichlorodifluoromethane	85	0.809	0.809	0.000	99	75485	20.0	22.4	
3 Vinyl chloride	62	0.924	0.924	0.000	98	63334	20.0	16.5	
4 Butadiene	54	0.932	0.932	0.000	90	54737	NC	NC	
5 Chloromethane	50	0.932	0.940	-0.008	96	83076	20.0	15.5	
6 Bromomethane	94	1.072	1.072	0.000	99	48726	20.0	19.4	
8 Chloroethane	64	1.122	1.122	0.000	99	97370	20.0	30.8	
9 Pentane	72	1.179	1.179	0.000	97	58084	40.0	90.5	
10 Trichlorofluoromethane	101	1.187	1.187	0.000	97	241634	20.0	40.9	
11 Dichlorofluoromethane	67	1.212	1.212	0.000	98	189494	NC	NC	
12 2-Methyl-1,3-butadiene	67	1.319	1.319	0.000	98	99972	20.0	18.1	
13 Ethyl ether	59	1.336	1.335	0.001	96	56142	20.0	15.8	
15 1,2-Dichloro-1,1,2-trifluo	67	1.426	1.426	0.000	85	75403	NC	NC	
16 1,1-Dichloroethene	96	1.426	1.426	0.000	97	57084	20.0	17.5	
17 Carbon disulfide	76	1.434	1.434	0.000	100	200904	20.0	17.4	
14 Ethanol	46	1.443	1.442	0.001	39	16145	800.0	605.5	
18 1,1,2-Trichloro-1,2,2-trif	101	1.443	1.442	0.001	99	62676	20.0	24.3	
19 Iodomethane	142	1.492	1.492	0.000	99	58914	20.0	17.2	
20 Cyclopentene	67	1.566	1.566	0.000	97	149558	NC	NC	
21 Acrolein	56	1.591	1.591	0.000	94	13478	40.0	23.8	
22 3-Chloro-1-propene	76	1.656	1.656	0.000	87	33372	20.0	17.6	
23 Isopropyl alcohol	45	1.689	1.689	0.000	97	44409	200.0	164.2	
24 Methylene Chloride	84	1.714	1.714	0.000	92	63011	20.0	18.0	
25 Acetone	58	1.747	1.739	0.008	86	29989	100.0	76.6	
26 trans-1,2-Dichloroethene	96	1.796	1.796	0.000	93	62627	20.0	17.6	
27 Methyl acetate	74	1.805	1.805	0.000	100	58970	100.0	87.8	
28 Hexane	57	1.846	1.846	0.000	83	117200	20.0	19.7	
29 Methyl tert-butyl ether	73	1.862	1.862	0.000	86	195776	20.0	17.3	
* 30 TBA-d9 (IS)	65	1.887	1.887	0.000	99	397300	1000.0	1000.0	
31 2-Methyl-2-propanol	59	1.928	1.928	0.000	98	79231	200.0	173.8	
32 Acetonitrile	41	2.002	1.994	0.008	97	76141	200.0	165.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Isopropyl ether	45	2.076	2.076	0.000	94	193587	20.0	16.8	
34 2-Chloro-1,3-butadiene	88	2.126	2.126	0.000	93	62214	NC	NC	
35 1,1-Dichloroethane	63	2.134	2.134	0.000	99	118499	20.0	18.0	
36 Acrylonitrile	53	2.167	2.167	0.000	96	259019	200.0	167.5	
37 Tert-butyl ethyl ether	59	2.298	2.298	0.000	67	205005	NC	NC	
38 Vinyl acetate	86	2.298	2.298	0.000	99	24434	40.0	36.5	
39 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	99	73402	20.0	19.7	
40 2,2-Dichloropropane	77	2.537	2.537	0.000	96	106938	20.0	20.7	
41 Cyclohexane	56	2.595	2.595	0.000	88	98771	20.0	21.5	
42 Chlorobromomethane	128	2.603	2.595	0.008	88	41737	20.0	21.6	
43 Chloroform	83	2.652	2.652	0.000	99	122576	20.0	19.6	
44 Carbon tetrachloride	117	2.743	2.743	0.000	98	96674	20.0	21.7	
45 Ethyl acetate	70	2.751	2.751	0.000	99	16165	40.0	40.5	
46 Methyl acrylate	55	2.751	2.751	0.000	76	66300	NC	NC	
47 Tetrahydrofuran	42	2.759	2.759	0.000	93	59723	40.0	37.6	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	96	164016	50.0	53.6	
49 1,1,1-Trichloroethane	97	2.784	2.784	0.000	96	113918	20.0	21.5	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	100	351139	250.0	250.0	
51 2-Butanone (MEK)	72	2.874	2.874	0.000	100	51707	100.0	99.3	
52 1,1-Dichloropropene	75	2.874	2.874	0.000	94	105086	20.0	18.9	
53 Isooctane	57	2.957	2.965	-0.008	98	148824	NC	NC	
54 n-Heptane	57	3.056	3.055	0.001	51	37886	20.0	20.6	
55 Benzene	78	3.056	3.055	0.001	96	274529	20.0	19.6	
56 Propionitrile	54	3.080	3.072	0.008	99	106190	NC	NC	
57 Methacrylonitrile	67	3.088	3.088	0.000	91	324090	NC	NC	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	97	180703	50.0	46.9	
59 Tert-amyl methyl ether	73	3.163	3.162	0.001	97	214484	NC	NC	
60 1,2-Dichloroethane	62	3.212	3.212	0.000	98	96871	20.0	17.3	
61 Isobutyl alcohol	43	3.286	3.286	0.000	98	83767	NC	NC	
62 t-Amyl alcohol	59	3.352	3.352	0.000	95	69359	NC	NC	
* 63 Fluorobenzene	96	3.385	3.385	0.000	99	588467	50.0	50.0	
65 Isopropyl acetate	43	3.451	3.451	0.001	98	139014	20.0	17.0	
66 Methylcyclohexane	83	3.508	3.508	0.000	93	110204	20.0	24.3	
67 Trichloroethene	95	3.525	3.525	0.000	96	73890	20.0	19.9	
68 2-ethoxy-2-methyl butane	59	3.763	3.763	0.000	98	159152	NC	NC	
69 Dibromomethane	93	3.879	3.878	0.000	94	47754	20.0	19.2	
70 n-Butanol	56	3.903	3.903	0.000	86	53793	500.0	426.2	
71 1,2-Dichloropropane	63	3.969	3.969	0.000	89	65832	20.0	17.3	
72 Ethyl acrylate	55	4.043	4.043	0.000	98	91349	20.0	17.5	
73 Dichlorobromomethane	83	4.051	4.051	0.000	99	93892	20.0	18.6	
75 Methyl methacrylate	100	4.241	4.232	0.009	86	47228	40.0	39.9	
* 74 1,4-Dioxane-d8	96	4.232	4.249	-0.017	97	49804	1000.0	1000.0	
76 1,4-Dioxane	88	4.257	4.265	-0.008	47	21229	400.0	357.9	
77 n-Propyl acetate	43	4.389	4.389	0.000	99	106154	20.0	16.7	
78 2-Chloroethyl vinyl ether	63	4.644	4.644	0.000	96	22194	20.0	18.5	
79 cis-1,3-Dichloropropene	75	4.669	4.669	0.001	93	110422	20.0	18.0	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	100	567769	50.0	48.8	
81 Toluene	91	4.907	4.907	0.000	93	292054	20.0	19.3	
82 Epichlorohydrin	57	4.940	4.940	0.000	99	138907	400.0	441.4	
83 2-Nitropropane	41	5.154	5.154	0.000	96	38639	NC	NC	
84 Tetrachloroethene	166	5.327	5.327	0.000	98	70526	20.0	19.7	
85 4-Methyl-2-pentanone (MIBK	43	5.368	5.368	0.000	98	371116	100.0	97.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	5.401	5.401	0.000	98	104489	20.0	18.0	
87 1,1,2-Trichloroethane	83	5.574	5.574	0.000	95	51968	20.0	18.6	
88 Ethyl methacrylate	69	5.656	5.656	0.000	88	87171	NC	NC	
89 Chlorodibromomethane	129	5.763	5.763	0.000	96	69758	20.0	17.7	
90 1,3-Dichloropropane	76	5.878	5.878	0.000	92	107788	20.0	18.6	
91 Ethylene Dibromide	107	6.002	6.002	0.000	98	64320	20.0	18.6	
92 n-Butyl acetate	43	6.356	6.356	0.000	98	112224	20.0	17.7	
93 2-Hexanone	43	6.413	6.413	0.000	96	268399	100.0	94.7	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	86	521663	50.0	50.0	
95 Chlorobenzene	112	6.701	6.701	0.000	97	191161	20.0	19.2	
96 Ethylbenzene	106	6.792	6.792	0.000	98	102175	20.0	19.3	
97 1,1,1,2-Tetrachloroethane	131	6.817	6.816	0.000	96	67262	20.0	18.5	
98 m-Xylene & p-Xylene	106	6.998	7.006	-0.008	95	121022	20.0	18.9	
99 o-Xylene	106	7.582	7.582	0.000	95	118884	20.0	18.6	
100 Bromoform	173	7.639	7.639	0.000	93	46866	20.0	16.6	
101 Styrene	104	7.664	7.664	0.000	96	194791	20.0	18.4	
102 n-Butyl acrylate	73	7.993	8.002	-0.009	98	53344	20.0	18.9	
103 Isopropylbenzene	105	8.067	8.067	0.000	96	300581	20.0	18.9	
104 Amyl acetate (mixed isomer	43	8.413	8.413	0.000	90	132377	20.0	18.0	
$ 105 4-Bromofluorobenzene	174	8.430	8.429	0.001	94	192758	50.0	47.0	
106 Bromobenzene	156	8.528	8.536	-0.008	94	79128	20.0	18.7	
107 N-Propylbenzene	91	8.693	8.685	0.008	99	360136	20.0	20.2	
108 1,1,2,2-Tetrachloroethane	83	8.841	8.841	0.000	98	83824	20.0	19.1	
109 2-Chlorotoluene	91	8.857	8.866	-0.009	98	227979	20.0	18.6	
110 4-Ethyltoluene	105	8.882	8.882	0.000	98	305280	NC	NC	
111 1,2,3-Trichloropropane	110	8.956	8.956	0.000	97	25647	20.0	17.3	
112 1,3,5-Trimethylbenzene	105	9.030	9.038	-0.008	94	244083	20.0	18.9	
113 trans-1,4-Dichloro-2-buten	53	9.088	9.096	-0.008	93	24063	NC	NC	
114 4-Chlorotoluene	91	9.121	9.121	0.000	97	214877	20.0	18.6	
115 tert-Butylbenzene	119	9.499	9.499	0.000	93	216097	20.0	19.7	
116 1,2,4-Trimethylbenzene	105	9.623	9.623	0.000	98	255451	20.0	18.6	
117 Butyl Methacrylate	87	9.639	9.639	0.000	92	101600	20.0	19.9	
118 sec-Butylbenzene	105	9.787	9.787	0.000	99	314590	20.0	19.8	
119 1,3-Dichlorobenzene	146	10.034	10.043	-0.008	97	152075	20.0	19.2	
120 4-Isopropyltoluene	119	10.067	10.067	0.000	98	284562	20.0	19.4	
* 121 1,4-Dichlorobenzene-d4	152	10.166	10.166	0.000	95	311298	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.191	10.199	-0.008	96	159301	20.0	18.8	
123 2,3-Dihydroindene	117	10.471	10.470	0.000	94	285246	NC	NC	
124 Benzyl chloride	126	10.643	10.635	0.008	99	36084	20.0	19.0	
125 p-Diethylbenzene	119	10.676	10.676	0.000	95	171989	NC	NC	
126 n-Butylbenzene	91	10.759	10.767	-0.008	98	257133	20.0	19.6	
127 1,2-Dichlorobenzene	146	10.857	10.849	0.008	96	155200	20.0	19.1	
128 1,2,4,5-Tetramethylbenzene	119	11.779	11.779	0.000	98	276763	NC	NC	
129 1,2-Dibromo-3-Chloropropan	157	11.894	11.894	0.000	94	21371	20.0	18.1	
130 1,3,5-Trichlorobenzene	180	11.935	11.935	0.000	97	114131	NC	NC	
131 1,2,4-Trichlorobenzene	180	12.470	12.470	0.000	94	110408	20.0	17.9	
132 Hexachlorobutadiene	225	12.487	12.487	0.000	87	30209	20.0	15.1	
133 Naphthalene	128	12.693	12.692	0.001	99	313175	20.0	20.2	
134 1,2,3-Trichlorobenzene	180	12.816	12.816	0.000	95	100437	20.0	17.5	
S 135 1,2-Dichloroethene, Total	100				0		40.0	37.4	
S 136 1,3-Dichloropropene, Total	100				0		40.0	35.9	
S 137 Xylenes, Total	100				0		40.0	37.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Total BTEX	1				0		100.0	95.7	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

GASES Li_00173	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00043	Amount Added:	20.00	Units: uL	
ACROLEIN W_00056	Amount Added:	4.00	Units: uL	
8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent

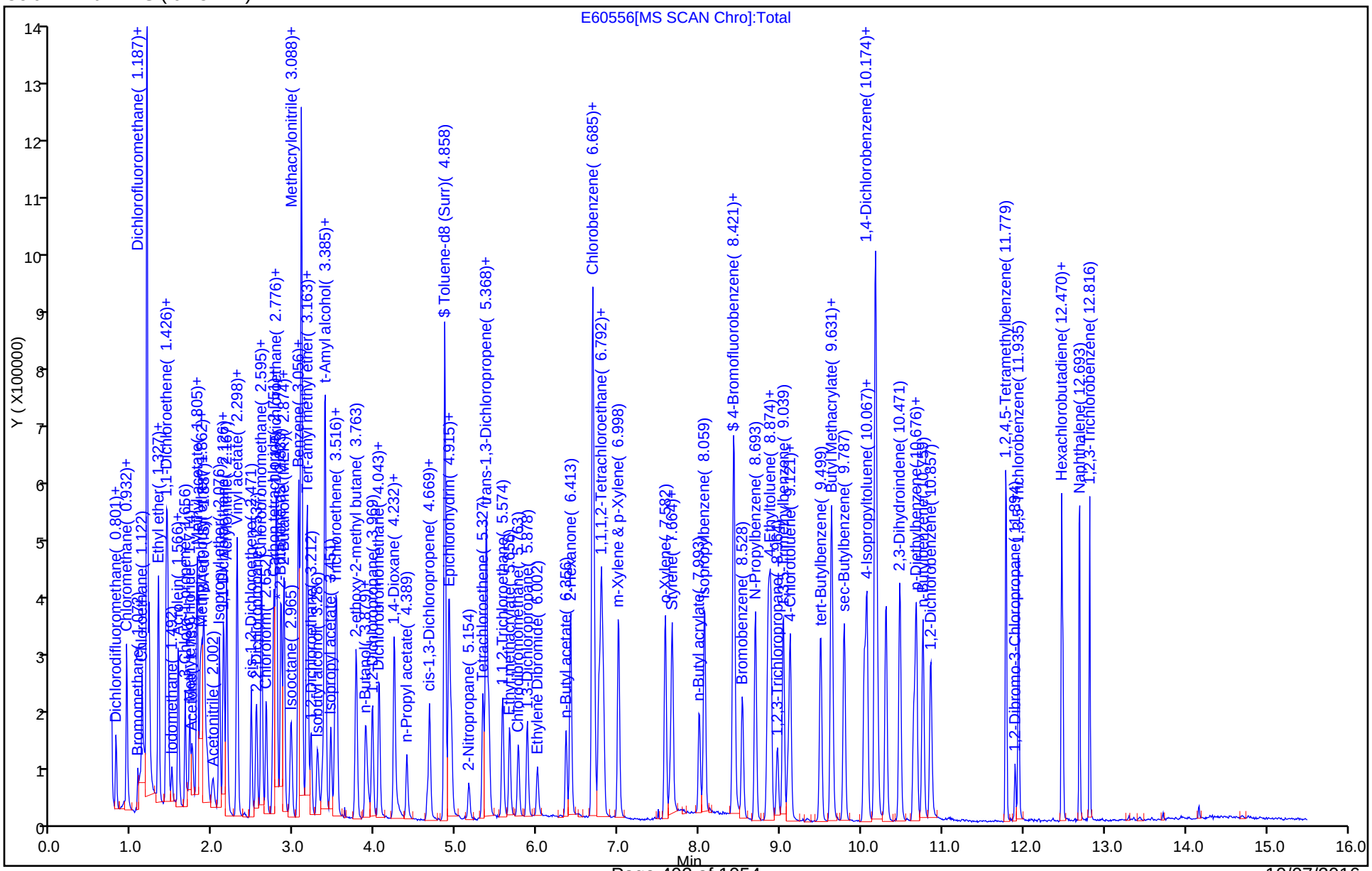
Report Date: 05-Oct-2016 21:31:27 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161003-46337.b\E60556.D

Injection Date:	03-Oct-2016 09:18:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260W_5	Limit Group:	VOA 624 ICAL		

Column: Rtx-VMS (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-394701/5

Matrix: Water | Lab File ID: E60610.D

Analysis Method: 624 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/04/2016 08:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394701 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	29.8		1.0	0.37
75-01-4	Vinyl chloride	16.1		1.0	0.060
74-83-9	Bromomethane	18.1		1.0	0.18
74-87-3	Chloromethane	13.8		1.0	0.22
67-64-1	Acetone	85.5		5.0	1.1
75-15-0	Carbon disulfide	18.5		1.0	0.22
75-09-2	Methylene Chloride	15.6		1.0	0.21
75-69-4	Trichlorofluoromethane	30.3		1.0	0.15
75-35-4	1,1-Dichloroethene	20.8		1.0	0.34
67-66-3	Chloroform	16.8		1.0	0.22
108-88-3	Toluene	19.4		1.0	0.25
71-43-2	Benzene	19.4		1.0	0.090
76-13-1	Freon TF	20.7		1.0	0.34
100-42-5	Styrene	18.6		1.0	0.17
75-25-2	Bromoform	16.8		1.0	0.18
110-82-7	Cyclohexane	20.3		1.0	0.26
56-23-5	Carbon tetrachloride	19.5		1.0	0.33
108-90-7	Chlorobenzene	18.3		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	16.3		1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	17.7		1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	16.6		1.0	0.35
95-50-1	1,2-Dichlorobenzene	18.9		1.0	0.22
541-73-1	1,3-Dichlorobenzene	18.0		1.0	0.33
106-46-7	1,4-Dichlorobenzene	18.8		1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	17.1		1.0	0.23
79-00-5	1,1,2-Trichloroethane	17.8		1.0	0.080
108-10-1	4-Methyl-2-pentanone	64.8		5.0	0.63
123-91-1	p-Dioxane	407		50	8.7
107-06-2	1,2-Dichloroethane	15.5		1.0	0.25
78-93-3	2-Butanone	75.2		5.0	2.2
75-34-3	1,1-Dichloroethane	14.3		1.0	0.24
591-78-6	2-Hexanone	61.4		5.0	0.72
1634-04-4	MTBE	17.7		1.0	0.13
127-18-4	Tetrachloroethene	21.1		1.0	0.12
98-82-8	Isopropylbenzene	18.6		1.0	0.32
100-41-4	Ethylbenzene	19.6		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-394701/5

Matrix: Water | Lab File ID: E60610.D

Analysis Method: 624 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/04/2016 08:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394701 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	15.1		1.0	0.15
75-71-8	Dichlorodifluoromethane	18.9		1.0	0.14
79-20-9	Methyl acetate	92.0		5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	19.9		1.0	0.19
156-60-5	trans-1,2-Dichloroethene	14.3		1.0	0.18
156-59-2	cis-1,2-Dichloroethene	18.3		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	19.8		1.0	0.16
1330-20-7	Xylenes, Total	37.5		2.0	0.28
79-01-6	Trichloroethene	16.2		1.0	0.22
108-87-2	Methylcyclohexane	28.9		1.0	0.22
71-55-6	1,1,1-Trichloroethane	17.5		1.0	0.28
78-87-5	1,2-Dichloropropane	18.3		1.0	0.18
124-48-1	Dibromochloromethane	18.9		1.0	0.22
106-93-4	1,2-Dibromoethane	18.9		1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		48-130
2037-26-5	Toluene-d8 (Surr)	99		80-120
460-00-4	Bromofluorobenzene	96		71-131
1868-53-7	Dibromofluoromethane (Surr)	82		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161004-46395.b\E60610.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 04-Oct-2016 08:37:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0046395-005
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161004-46395.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 05-Oct-2016 14:35:45 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: delpolitov Date: 05-Oct-2016 14:35:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.801	0.800	0.001	86	8424	NC	NC	
2 Dichlorodifluoromethane	85	0.809	0.809	0.000	99	71277	20.0	18.9	
3 Vinyl chloride	62	0.932	0.932	0.000	98	69566	20.0	16.1	
4 Butadiene	54	0.932	0.932	0.000	91	49211	NC	NC	
5 Chloromethane	50	0.932	0.940	-0.008	81	82672	20.0	13.8	
6 Bromomethane	94	1.072	1.072	0.000	85	50978	20.0	18.1	
8 Chloroethane	64	1.122	1.121	0.001	99	87285	20.0	29.8	
9 Pentane	72	1.179	1.179	0.000	96	55156	40.0	76.7	
10 Trichlorofluoromethane	101	1.187	1.187	0.000	98	200634	20.0	30.3	
11 Dichlorofluoromethane	67	1.212	1.212	0.000	99	150226	NC	NC	
12 2-Methyl-1,3-butadiene	67	1.327	1.319	0.008	92	112196	20.0	18.1	
13 Ethyl ether	59	1.327	1.335	-0.008	94	71381	20.0	17.9	
16 1,1-Dichloroethene	96	1.418	1.418	0.000	96	75793	20.0	20.8	
15 1,2-Dichloro-1,1,2-trifluo	67	1.418	1.426	-0.008	90	84452	NC	NC	
14 Ethanol	46	1.459	1.426	0.033	38	13892	800.0	562.2	
17 Carbon disulfide	76	1.434	1.434	0.000	98	239449	20.0	18.5	
18 1,1,2-Trichloro-1,2,2-trif	101	1.443	1.442	0.001	94	59892	20.0	20.7	
19 Iodomethane	142	1.492	1.492	0.000	99	36423	20.0	9.49	
20 Cyclopentene	67	1.566	1.566	0.000	92	139878	NC	NC	
21 Acrolein	56	1.591	1.582	0.009	90	15463	40.0	29.4	
22 3-Chloro-1-propene	76	1.657	1.656	0.000	83	31374	20.0	14.7	
23 Isopropyl alcohol	45	1.689	1.673	0.016	92	32457	200.0	129.5	
24 Methylene Chloride	84	1.714	1.714	0.000	90	61308	20.0	15.6	M
25 Acetone	58	1.739	1.747	-0.008	84	42961	100.0	85.5	
26 trans-1,2-Dichloroethene	96	1.796	1.796	0.000	91	56890	20.0	14.3	
27 Methyl acetate	74	1.805	1.805	0.000	100	57297	100.0	92.0	
28 Hexane	57	1.846	1.846	0.000	69	172946	20.0	25.9	M
29 Methyl tert-butyl ether	73	1.862	1.862	0.000	94	224678	20.0	17.7	
* 30 TBA-d9 (IS)	65	1.887	1.879	0.008	99	368225	1000.0	1000.0	
31 2-Methyl-2-propanol	59	1.920	1.912	0.008	93	66117	200.0	156.5	
32 Acetonitrile	41	2.002	1.994	0.008	97	76288	200.0	179.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Isopropyl ether	45	2.068	2.076	-0.008	100	233834	20.0	18.1	
34 2-Chloro-1,3-butadiene	88	2.126	2.125	0.001	92	57587	NC	NC	
35 1,1-Dichloroethane	63	2.134	2.142	-0.008	99	105333	20.0	14.3	
36 Acrylonitrile	53	2.167	2.158	0.009	94	231339	200.0	133.5	
37 Tert-butyl ethyl ether	59	2.290	2.290	0.000	83	208420	NC	NC	
38 Vinyl acetate	86	2.298	2.298	0.000	99	26495	40.0	35.3	
39 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	95	76086	20.0	18.3	
40 2,2-Dichloropropane	77	2.537	2.537	0.000	94	97012	20.0	16.7	
41 Cyclohexane	56	2.595	2.595	0.000	93	104466	20.0	20.3	
42 Chlorobromomethane	128	2.595	2.595	0.000	84	38125	20.0	17.6	
43 Chloroform	83	2.661	2.652	0.009	93	118272	20.0	16.8	
44 Carbon tetrachloride	117	2.735	2.743	-0.008	94	97674	20.0	19.5	
45 Ethyl acetate	70	2.751	2.751	0.000	98	17735	40.0	34.6	
46 Methyl acrylate	55	2.751	2.759	-0.008	96	78093	NC	NC	
47 Tetrahydrofuran	42	2.759	2.767	-0.008	86	68416	40.0	33.5	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	96	141379	50.0	41.2	
49 1,1,1-Trichloroethane	97	2.784	2.784	0.000	96	104068	20.0	17.5	
* 50 2-Butanone-d5	46	2.833	2.841	-0.008	96	450828	250.0	250.0	
51 2-Butanone (MEK)	72	2.875	2.866	0.008	99	50259	100.0	75.2	
52 1,1-Dichloropropene	75	2.875	2.874	0.000	88	110139	20.0	17.7	
53 Isooctane	57	2.973	2.948	0.025	98	161568	NC	NC	
54 n-Heptane	57	3.056	3.055	0.001	68	49860	20.0	24.2	
55 Benzene	78	3.056	3.055	0.001	94	251603	20.0	19.4	
56 Propionitrile	54	3.072	3.072	0.000	53	92738	NC	NC	
57 Methacrylonitrile	67	3.088	3.097	-0.009	94	284854	NC	NC	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.163	3.154	0.009	94	189734	50.0	43.9	
59 Tert-amyl methyl ether	73	3.163	3.162	0.001	98	238338	NC	NC	
60 1,2-Dichloroethane	62	3.204	3.212	-0.008	93	97002	20.0	15.5	
61 Isobutyl alcohol	43	3.294	3.286	0.008	86	84472	NC	NC	
62 t-Amyl alcohol	59	3.352	3.352	0.000	95	59083	NC	NC	
* 63 Fluorobenzene	96	3.385	3.385	0.000	99	659682	50.0	50.0	
65 Isopropyl acetate	43	3.451	3.459	-0.008	97	121557	20.0	13.2	
66 Methylcyclohexane	83	3.508	3.508	0.000	89	147358	20.0	28.9	
67 Trichloroethene	95	3.525	3.533	-0.008	93	67661	20.0	16.2	
68 2-ethoxy-2-methyl butane	59	3.755	3.755	0.000	94	180461	NC	NC	M
69 Dibromomethane	93	3.879	3.878	0.001	93	44821	20.0	16.1	
70 n-Butanol	56	3.911	3.895	0.016	94	55494	500.0	474.4	
71 1,2-Dichloropropane	63	3.969	3.977	-0.008	86	78047	20.0	18.3	
72 Ethyl acrylate	55	4.043	4.035	0.008	97	81545	20.0	14.0	
73 Dichlorobromomethane	83	4.051	4.051	0.000	98	85674	20.0	15.1	
75 Methyl methacrylate	100	4.241	4.232	0.009	86	40641	40.0	30.6	
* 74 1,4-Dioxane-d8	96	4.241	4.241	0.001	91	42896	1000.0	1000.0	
76 1,4-Dioxane	88	4.257	4.273	-0.016	49	20802	400.0	407.2	M
77 n-Propyl acetate	43	4.397	4.397	0.000	96	124341	20.0	17.4	
78 2-Chloroethyl vinyl ether	63	4.652	4.644	0.008	91	24792	20.0	18.5	
79 cis-1,3-Dichloropropene	75	4.677	4.668	0.009	94	112757	20.0	19.8	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	99	534224	50.0	49.6	
81 Toluene	91	4.907	4.915	-0.008	93	272361	20.0	19.4	
82 Epichlorohydrin	57	4.948	4.940	0.008	99	147276	400.0	364.5	
83 2-Nitropropane	41	5.154	5.154	0.000	99	44443	NC	NC	
84 Tetrachloroethene	166	5.327	5.327	0.000	96	69829	20.0	21.1	
85 4-Methyl-2-pentanone (MIBK	43	5.368	5.360	0.008	94	316901	100.0	64.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	5.409	5.401	0.008	95	106943	20.0	19.9	
87 1,1,2-Trichloroethane	83	5.566	5.565	0.001	93	46147	20.0	17.8	
88 Ethyl methacrylate	69	5.656	5.656	0.000	88	77210	NC	NC	
89 Chlorodibromomethane	129	5.763	5.763	0.000	98	68985	20.0	18.9	
90 1,3-Dichloropropane	76	5.878	5.878	0.000	93	95594	20.0	17.8	
91 Ethylene Dibromide	107	5.994	6.002	-0.008	99	60352	20.0	18.9	
92 n-Butyl acetate	43	6.356	6.356	0.000	99	94747	20.0	16.2	
93 2-Hexanone	43	6.413	6.413	0.000	93	223580	100.0	61.4	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	87	482562	50.0	50.0	
95 Chlorobenzene	112	6.701	6.693	0.008	96	167802	20.0	18.3	
96 Ethylbenzene	106	6.792	6.792	0.000	96	95791	20.0	19.6	
97 1,1,1,2-Tetrachloroethane	131	6.817	6.816	0.001	93	63621	20.0	18.9	
98 m-Xylene & p-Xylene	106	7.006	7.006	0.000	96	112194	20.0	19.0	
99 o-Xylene	106	7.574	7.574	0.000	97	109594	20.0	18.5	
100 Bromoform	173	7.640	7.648	-0.008	94	43858	20.0	16.8	
101 Styrene	104	7.664	7.664	0.000	97	182215	20.0	18.6	
102 n-Butyl acrylate	73	7.993	7.993	0.000	94	53601	20.0	20.6	
103 Isopropylbenzene	105	8.059	8.067	-0.008	96	274171	20.0	18.6	
104 Amyl acetate (mixed isomer	43	8.413	8.405	0.008	89	124710	20.0	17.5	
$ 105 4-Bromofluorobenzene	174	8.430	8.429	0.001	95	182354	50.0	48.1	
106 Bromobenzene	156	8.528	8.536	-0.008	89	80767	20.0	19.6	
107 N-Propylbenzene	91	8.693	8.693	0.000	99	341315	20.0	19.7	
108 1,1,2,2-Tetrachloroethane	83	8.833	8.833	0.000	95	69483	20.0	16.3	
109 2-Chlorotoluene	91	8.858	8.857	0.001	97	206746	20.0	17.4	
110 4-Ethyltoluene	105	8.882	8.874	0.008	99	288066	NC	NC	
111 1,2,3-Trichloropropane	110	8.964	8.964	0.000	95	24133	20.0	16.8	
112 1,3,5-Trimethylbenzene	105	9.039	9.038	0.001	92	252165	20.0	20.1	
113 trans-1,4-Dichloro-2-buten	53	9.088	9.088	0.000	92	23292	NC	NC	
114 4-Chlorotoluene	91	9.121	9.121	0.000	96	210862	20.0	18.8	
115 tert-Butylbenzene	119	9.499	9.499	0.000	95	205328	20.0	19.3	
116 1,2,4-Trimethylbenzene	105	9.623	9.623	0.000	96	255097	20.0	19.1	
117 Butyl Methacrylate	87	9.639	9.639	0.000	92	87868	20.0	17.8	
118 sec-Butylbenzene	105	9.787	9.787	0.000	99	312091	20.0	20.3	
119 1,3-Dichlorobenzene	146	10.043	10.034	0.009	97	138434	20.0	18.0	
120 4-Isopropyltoluene	119	10.067	10.067	0.000	98	263335	20.0	18.5	
* 121 1,4-Dichlorobenzene-d4	152	10.166	10.174	-0.008	95	302359	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.191	10.191	0.000	95	154336	20.0	18.8	
123 2,3-Dihydroindene	117	10.471	10.470	0.001	94	267431	NC	NC	
124 Benzyl chloride	126	10.643	10.643	0.000	99	37158	20.0	20.1	
125 p-Diethylbenzene	119	10.676	10.676	0.000	95	157906	NC	NC	
126 n-Butylbenzene	91	10.759	10.758	0.001	98	253798	20.0	20.0	
127 1,2-Dichlorobenzene	146	10.857	10.849	0.008	98	149219	20.0	18.9	
128 1,2,4,5-Tetramethylbenzene	119	11.779	11.779	0.000	98	257538	NC	NC	
129 1,2-Dibromo-3-Chloropropan	157	11.894	11.894	0.000	95	19614	20.0	17.1	
130 1,3,5-Trichlorobenzene	180	11.935	11.935	0.000	96	116778	NC	NC	
131 1,2,4-Trichlorobenzene	180	12.470	12.470	0.000	93	106103	20.0	17.7	
132 Hexachlorobutadiene	225	12.487	12.487	0.000	90	33794	20.0	17.4	
133 Naphthalene	128	12.693	12.692	0.001	99	276829	20.0	18.4	
134 1,2,3-Trichlorobenzene	180	12.816	12.816	0.000	94	92746	20.0	16.6	
S 135 1,2-Dichloroethene, Total	100				0		40.0	32.5	
S 136 1,3-Dichloropropene, Total	100				0		40.0	39.7	
S 137 Xylenes, Total	100				0		40.0	37.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Total BTEX	1				0		100.0	95.9	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated

Reagents:

GASES Li_00173	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00043	Amount Added:	20.00	Units: uL	
ACROLEIN W_00056	Amount Added:	4.00	Units: uL	
8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 05-Oct-2016 14:35:47 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161004-46395.b\E60610.D

Injection Date: 04-Oct-2016 08:37:30 Instrument ID: CVOAMS5 Operator ID:

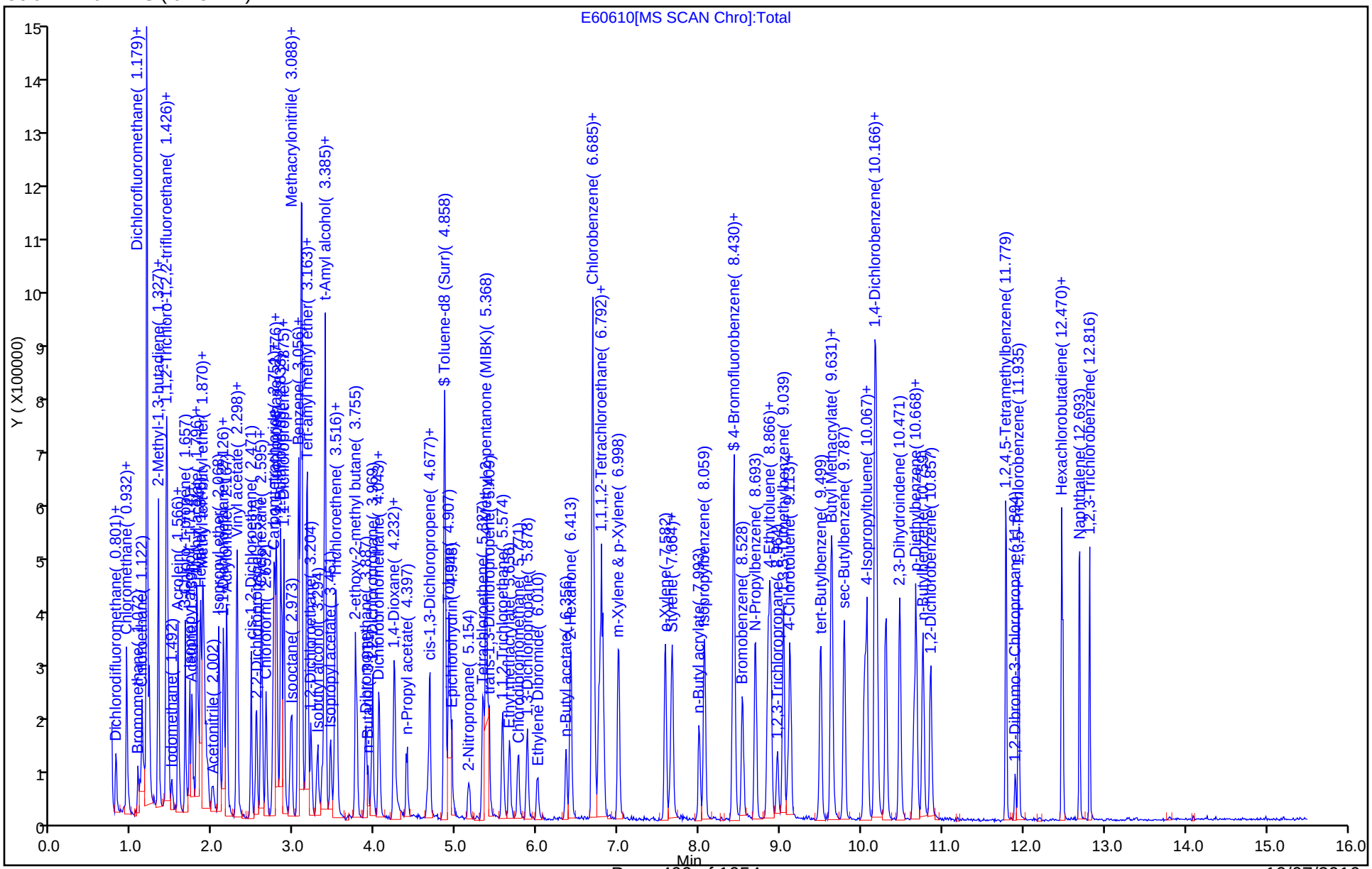
Lims ID: LCS Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_5 Limit Group: VOA 624 ICAL

Column: Rtx-VMS (0.18 mm)



Manual Integration/User Assign Peak Report

TestAmerica Edison

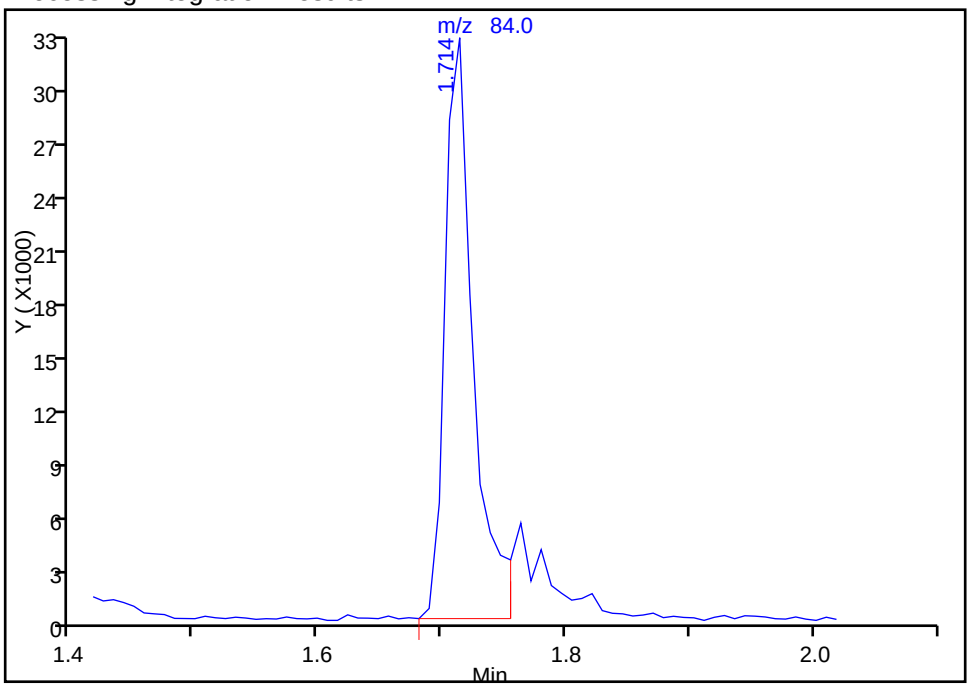
Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161004-46395.b\E60610.D				
Injection Date:	04-Oct-2016 08:37:30	Instrument ID:	CVOAMS5		
Lims ID:	LCS				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

24 Methylene Chloride, CAS: 75-09-2

Signal: 1

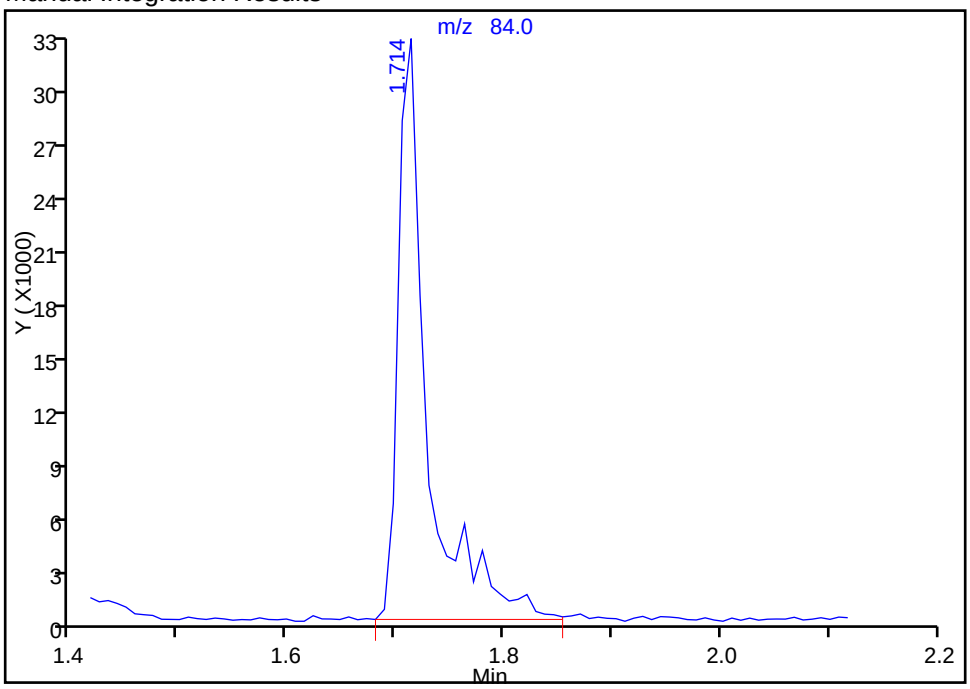
Processing Integration Results

RT: 1.71
Area: 51794
Amount: 13.161814
Amount Units: ug/l



Manual Integration Results

RT: 1.71
Area: 61308
Amount: 15.579498
Amount Units: ug/l



Reviewer: delpolitov, 05-Oct-2016 14:34:10

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

TestAmerica Edison

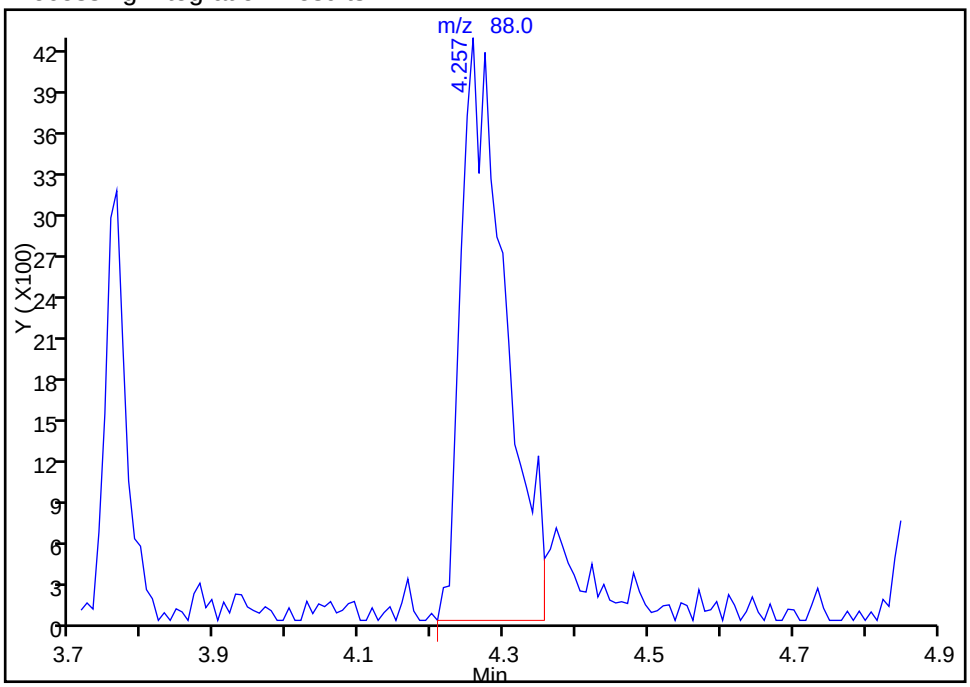
Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161004-46395.b\E60610.D
Injection Date: 04-Oct-2016 08:37:30 Instrument ID: CVOAMS5
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

76 1,4-Dioxane, CAS: 123-91-1

Signal: 1

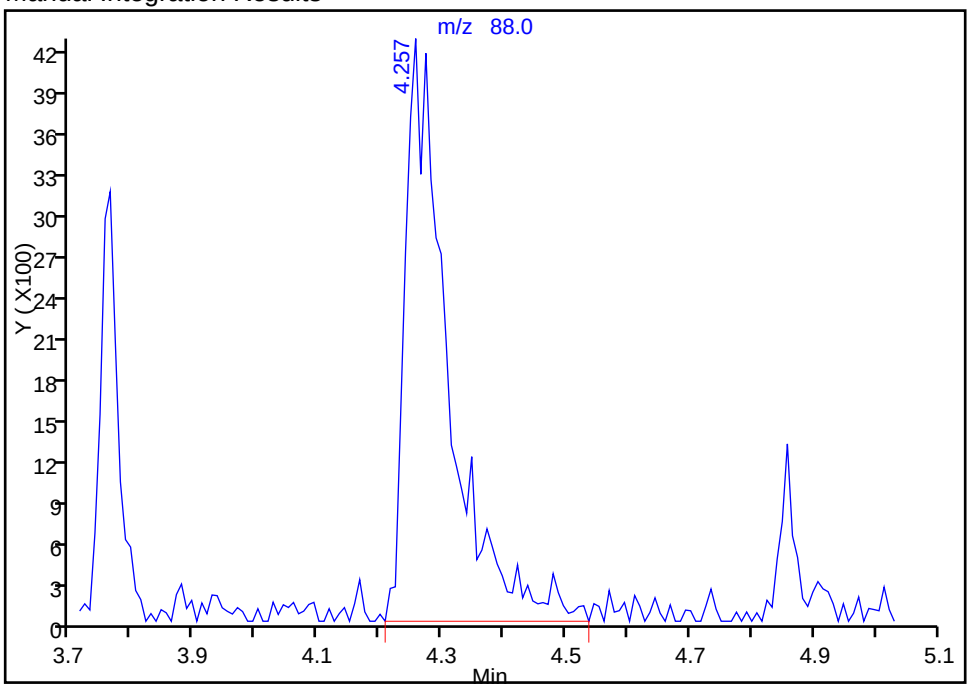
Processing Integration Results

RT: 4.26
Area: 18162
Amount: 355.5350
Amount Units: ug/l



Manual Integration Results

RT: 4.26
Area: 20802
Amount: 407.2150
Amount Units: ug/l



Reviewer: delpolitov, 05-Oct-2016 14:35:45
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-3 MS | Lab Sample ID: 460-121167-6 MS

Matrix: Water | Lab File ID: E60580.D

Analysis Method: 624 | Date Collected: 09/29/2016 12:50

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 19:47

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394593 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	304		10	3.7
75-01-4	Vinyl chloride	128		10	0.60
74-83-9	Bromomethane	134		10	1.8
74-87-3	Chloromethane	121		10	2.2
67-64-1	Acetone	967		50	11
75-15-0	Carbon disulfide	163		10	2.2
75-09-2	Methylene Chloride	143		10	2.1
75-69-4	Trichlorofluoromethane	332		10	1.5
75-35-4	1,1-Dichloroethene	124		10	3.4
67-66-3	Chloroform	171		10	2.2
108-88-3	Toluene	197		10	2.5
71-43-2	Benzene	224		10	0.90
76-13-1	Freon TF	202		10	3.4
100-42-5	Styrene	196		10	1.7
75-25-2	Bromoform	155		10	1.8
110-82-7	Cyclohexane	229		10	2.6
56-23-5	Carbon tetrachloride	206		10	3.3
108-90-7	Chlorobenzene	196		10	2.4
79-34-5	1,1,2,2-Tetrachloroethane	168		10	1.9
120-82-1	1,2,4-Trichlorobenzene	155		10	2.7
87-61-6	1,2,3-Trichlorobenzene	153		10	3.5
95-50-1	1,2-Dichlorobenzene	180		10	2.2
541-73-1	1,3-Dichlorobenzene	189		10	3.3
106-46-7	1,4-Dichlorobenzene	168		10	3.3
96-12-8	1,2-Dibromo-3-Chloropropane	151		10	2.3
79-00-5	1,1,2-Trichloroethane	202		10	0.80
108-10-1	4-Methyl-2-pentanone	903		50	6.3
123-91-1	p-Dioxane	3640		500	87
107-06-2	1,2-Dichloroethane	151		10	2.5
78-93-3	2-Butanone	1020		50	22
75-34-3	1,1-Dichloroethane	151		10	2.4
591-78-6	2-Hexanone	753		50	7.2
1634-04-4	MTBE	154		10	1.3
127-18-4	Tetrachloroethene	225		10	1.2
98-82-8	Isopropylbenzene	182		10	3.2
100-41-4	Ethylbenzene	182		10	3.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-3 MS | Lab Sample ID: 460-121167-6 MS

Matrix: Water | Lab File ID: E60580.D

Analysis Method: 624 | Date Collected: 09/29/2016 12:50

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 19:47

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394593 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	143		10	1.5
75-71-8	Dichlorodifluoromethane	173		10	1.4
79-20-9	Methyl acetate	1070		50	5.8
10061-02-6	trans-1,3-Dichloropropene	203		10	1.9
156-60-5	trans-1,2-Dichloroethene	143		10	1.8
156-59-2	cis-1,2-Dichloroethene	173		10	2.6
10061-01-5	cis-1,3-Dichloropropene	166		10	1.6
1330-20-7	Xylenes, Total	400		20	2.8
79-01-6	Trichloroethene	162		10	2.2
108-87-2	Methylcyclohexane	212		10	2.2
71-55-6	1,1,1-Trichloroethane	153		10	2.8
78-87-5	1,2-Dichloropropane	152		10	1.8
124-48-1	Dibromochloromethane	206		10	2.2
106-93-4	1,2-Dibromoethane	186		10	1.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		48-130
2037-26-5	Toluene-d8 (Surr)	97		80-120
460-00-4	Bromofluorobenzene	114		71-131
1868-53-7	Dibromofluoromethane (Surr)	74	X	80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-121138-B-1 MS

Matrix: Water | Lab File ID: A27638.D

Analysis Method: 624 | Date Collected: 09/28/2016 10:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 17:41

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	172		10	3.7
75-01-4	Vinyl chloride	169		10	0.60
74-83-9	Bromomethane	167		10	1.8
74-87-3	Chloromethane	164		10	2.2
67-64-1	Acetone	832		50	11
75-15-0	Carbon disulfide	128		10	2.2
75-09-2	Methylene Chloride	192		10	2.1
75-69-4	Trichlorofluoromethane	155		10	1.5
75-35-4	1,1-Dichloroethene	176		10	3.4
67-66-3	Chloroform	193		10	2.2
108-88-3	Toluene	184		10	2.5
71-43-2	Benzene	190		10	0.90
76-13-1	Freon TF	164		10	3.4
100-42-5	Styrene	176		10	1.7
75-25-2	Bromoform	112		10	1.8
110-82-7	Cyclohexane	188		10	2.6
56-23-5	Carbon tetrachloride	161		10	3.3
108-90-7	Chlorobenzene	185		10	2.4
79-34-5	1,1,2,2-Tetrachloroethane	210		10	1.9
120-82-1	1,2,4-Trichlorobenzene	157		10	2.7
87-61-6	1,2,3-Trichlorobenzene	153		10	3.5
95-50-1	1,2-Dichlorobenzene	190		10	2.2
541-73-1	1,3-Dichlorobenzene	191		10	3.3
106-46-7	1,4-Dichlorobenzene	188		10	3.3
96-12-8	1,2-Dibromo-3-Chloropropane	178		10	2.3
79-00-5	1,1,2-Trichloroethane	194		10	0.80
108-10-1	4-Methyl-2-pentanone	897		50	6.3
123-91-1	p-Dioxane	4260		500	87
107-06-2	1,2-Dichloroethane	200		10	2.5
78-93-3	2-Butanone	836		50	22
75-34-3	1,1-Dichloroethane	199		10	2.4
591-78-6	2-Hexanone	907		50	7.2
1634-04-4	MTBE	189		10	1.3
127-18-4	Tetrachloroethene	165		10	1.2
98-82-8	Isopropylbenzene	177		10	3.2
100-41-4	Ethylbenzene	182		10	3.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-121138-B-1 MS

Matrix: Water | Lab File ID: A27638.D

Analysis Method: 624 | Date Collected: 09/28/2016 10:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 17:41

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	161		10	1.5
75-71-8	Dichlorodifluoromethane	130		10	1.4
79-20-9	Methyl acetate	1040		50	5.8
10061-02-6	trans-1,3-Dichloropropene	160		10	1.9
156-60-5	trans-1,2-Dichloroethene	185		10	1.8
156-59-2	cis-1,2-Dichloroethene	187		10	2.6
10061-01-5	cis-1,3-Dichloropropene	163		10	1.6
1330-20-7	Xylenes, Total	362		20	2.8
79-01-6	Trichloroethene	181		10	2.2
108-87-2	Methylcyclohexane	170		10	2.2
71-55-6	1,1,1-Trichloroethane	176		10	2.8
78-87-5	1,2-Dichloropropane	185		10	1.8
124-48-1	Dibromochloromethane	143		10	2.2
106-93-4	1,2-Dibromoethane	191		10	1.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		48-130
2037-26-5	Toluene-d8 (Surr)	101		80-120
460-00-4	Bromofluorobenzene	91		71-131
1868-53-7	Dibromofluoromethane (Surr)	99		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-121202-A-4 MS

Matrix: Water | Lab File ID: E60633.D

Analysis Method: 624 | Date Collected: 09/30/2016 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 10/04/2016 18:55

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394701 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	241		10	3.7
75-01-4	Vinyl chloride	205		10	0.60
74-83-9	Bromomethane	193		10	1.8
74-87-3	Chloromethane	198		10	2.2
67-64-1	Acetone	753		50	11
75-15-0	Carbon disulfide	201		10	2.2
75-09-2	Methylene Chloride	211		10	2.1
75-69-4	Trichlorofluoromethane	366		10	1.5
75-35-4	1,1-Dichloroethene	204		10	3.4
67-66-3	Chloroform	201		10	2.2
108-88-3	Toluene	194		10	2.5
71-43-2	Benzene	200		10	0.90
76-13-1	Freon TF	274		10	3.4
100-42-5	Styrene	180		10	1.7
75-25-2	Bromoform	146		10	1.8
110-82-7	Cyclohexane	272		10	2.6
56-23-5	Carbon tetrachloride	199		10	3.3
108-90-7	Chlorobenzene	185		10	2.4
79-34-5	1,1,2,2-Tetrachloroethane	187		10	1.9
120-82-1	1,2,4-Trichlorobenzene	166		10	2.7
87-61-6	1,2,3-Trichlorobenzene	160		10	3.5
95-50-1	1,2-Dichlorobenzene	186		10	2.2
541-73-1	1,3-Dichlorobenzene	182		10	3.3
106-46-7	1,4-Dichlorobenzene	182		10	3.3
96-12-8	1,2-Dibromo-3-Chloropropane	159		10	2.3
79-00-5	1,1,2-Trichloroethane	185		10	0.80
108-10-1	4-Methyl-2-pentanone	963		50	6.3
123-91-1	p-Dioxane	3870		500	87
107-06-2	1,2-Dichloroethane	206		10	2.5
78-93-3	2-Butanone	850		50	22
75-34-3	1,1-Dichloroethane	211		10	2.4
591-78-6	2-Hexanone	901		50	7.2
1634-04-4	MTBE	224		10	1.3
127-18-4	Tetrachloroethene	177		10	1.2
98-82-8	Isopropylbenzene	184		10	3.2
100-41-4	Ethylbenzene	183		10	3.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-121202-A-4 MS

Matrix: Water | Lab File ID: E60633.D

Analysis Method: 624 | Date Collected: 09/30/2016 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 10/04/2016 18:55

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394701 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	194		10	1.5
75-71-8	Dichlorodifluoromethane	224		10	1.4
79-20-9	Methyl acetate	970		50	5.8
10061-02-6	trans-1,3-Dichloropropene	175		10	1.9
156-60-5	trans-1,2-Dichloroethene	203		10	1.8
156-59-2	cis-1,2-Dichloroethene	197		10	2.6
10061-01-5	cis-1,3-Dichloropropene	191		10	1.6
1330-20-7	Xylenes, Total	371		20	2.8
79-01-6	Trichloroethene	182		10	2.2
108-87-2	Methylcyclohexane	248		10	2.2
71-55-6	1,1,1-Trichloroethane	202		10	2.8
78-87-5	1,2-Dichloropropane	196		10	1.8
124-48-1	Dibromochloromethane	176		10	2.2
106-93-4	1,2-Dibromoethane	187		10	1.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		48-130
2037-26-5	Toluene-d8 (Surr)	99		80-120
460-00-4	Bromofluorobenzene	87		71-131
1868-53-7	Dibromofluoromethane (Surr)	99		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-3 MSD | Lab Sample ID: 460-121167-6 MSD

Matrix: Water | Lab File ID: E60581.D

Analysis Method: 624 | Date Collected: 09/29/2016 12:50

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 20:13

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394593 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	343		10	3.7
75-01-4	Vinyl chloride	178		10	0.60
74-83-9	Bromomethane	204		10	1.8
74-87-3	Chloromethane	162		10	2.2
67-64-1	Acetone	738		50	11
75-15-0	Carbon disulfide	210		10	2.2
75-09-2	Methylene Chloride	221		10	2.1
75-69-4	Trichlorofluoromethane	391		10	1.5
75-35-4	1,1-Dichloroethene	238		10	3.4
67-66-3	Chloroform	231		10	2.2
108-88-3	Toluene	187		10	2.5
71-43-2	Benzene	212		10	0.90
76-13-1	Freon TF	252		10	3.4
100-42-5	Styrene	168		10	1.7
75-25-2	Bromoform	148		10	1.8
110-82-7	Cyclohexane	288		10	2.6
56-23-5	Carbon tetrachloride	245		10	3.3
108-90-7	Chlorobenzene	190		10	2.4
79-34-5	1,1,2,2-Tetrachloroethane	181		10	1.9
120-82-1	1,2,4-Trichlorobenzene	188		10	2.7
87-61-6	1,2,3-Trichlorobenzene	148		10	3.5
95-50-1	1,2-Dichlorobenzene	181		10	2.2
541-73-1	1,3-Dichlorobenzene	186		10	3.3
106-46-7	1,4-Dichlorobenzene	185		10	3.3
96-12-8	1,2-Dibromo-3-Chloropropane	156		10	2.3
79-00-5	1,1,2-Trichloroethane	182		10	0.80
108-10-1	4-Methyl-2-pentanone	736		50	6.3
123-91-1	p-Dioxane	3400		500	87
107-06-2	1,2-Dichloroethane	210		10	2.5
78-93-3	2-Butanone	835		50	22
75-34-3	1,1-Dichloroethane	261		10	2.4
591-78-6	2-Hexanone	889		50	7.2
1634-04-4	MTBE	199		10	1.3
127-18-4	Tetrachloroethene	200		10	1.2
98-82-8	Isopropylbenzene	187		10	3.2
100-41-4	Ethylbenzene	195		10	3.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-3 MSD | Lab Sample ID: 460-121167-6 MSD

Matrix: Water | Lab File ID: E60581.D

Analysis Method: 624 | Date Collected: 09/29/2016 12:50

Sample wt/vol: 5(mL) | Date Analyzed: 10/03/2016 20:13

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394593 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	215		10	1.5
75-71-8	Dichlorodifluoromethane	301		10	1.4
79-20-9	Methyl acetate	1040		50	5.8
10061-02-6	trans-1,3-Dichloropropene	186		10	1.9
156-60-5	trans-1,2-Dichloroethene	197		10	1.8
156-59-2	cis-1,2-Dichloroethene	229		10	2.6
10061-01-5	cis-1,3-Dichloropropene	156		10	1.6
1330-20-7	Xylenes, Total	349		20	2.8
79-01-6	Trichloroethene	230		10	2.2
108-87-2	Methylcyclohexane	236		10	2.2
71-55-6	1,1,1-Trichloroethane	244		10	2.8
78-87-5	1,2-Dichloropropane	165		10	1.8
124-48-1	Dibromochloromethane	182		10	2.2
106-93-4	1,2-Dibromoethane	159		10	1.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		48-130
2037-26-5	Toluene-d8 (Surr)	97		80-120
460-00-4	Bromofluorobenzene	93		71-131
1868-53-7	Dibromofluoromethane (Surr)	105		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-121138-B-1 MSD

Matrix: Water | Lab File ID: A27639.D

Analysis Method: 624 | Date Collected: 09/28/2016 10:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 18:02

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	220		10	3.7
75-01-4	Vinyl chloride	212		10	0.60
74-83-9	Bromomethane	210		10	1.8
74-87-3	Chloromethane	208		10	2.2
67-64-1	Acetone	984		50	11
75-15-0	Carbon disulfide	176		10	2.2
75-09-2	Methylene Chloride	230		10	2.1
75-69-4	Trichlorofluoromethane	204		10	1.5
75-35-4	1,1-Dichloroethene	210		10	3.4
67-66-3	Chloroform	236		10	2.2
108-88-3	Toluene	232		10	2.5
71-43-2	Benzene	241		10	0.90
76-13-1	Freon TF	204		10	3.4
100-42-5	Styrene	220		10	1.7
75-25-2	Bromoform	154		10	1.8
110-82-7	Cyclohexane	232		10	2.6
56-23-5	Carbon tetrachloride	205		10	3.3
108-90-7	Chlorobenzene	227		10	2.4
79-34-5	1,1,2,2-Tetrachloroethane	250		10	1.9
120-82-1	1,2,4-Trichlorobenzene	210		10	2.7
87-61-6	1,2,3-Trichlorobenzene	234		10	3.5
95-50-1	1,2-Dichlorobenzene	235		10	2.2
541-73-1	1,3-Dichlorobenzene	229		10	3.3
106-46-7	1,4-Dichlorobenzene	229		10	3.3
96-12-8	1,2-Dibromo-3-Chloropropane	232		10	2.3
79-00-5	1,1,2-Trichloroethane	240		10	0.80
108-10-1	4-Methyl-2-pentanone	1110		50	6.3
123-91-1	p-Dioxane	5470		500	87
107-06-2	1,2-Dichloroethane	241		10	2.5
78-93-3	2-Butanone	1040		50	22
75-34-3	1,1-Dichloroethane	243		10	2.4
591-78-6	2-Hexanone	1110		50	7.2
1634-04-4	MTBE	229		10	1.3
127-18-4	Tetrachloroethene	208		10	1.2
98-82-8	Isopropylbenzene	221		10	3.2
100-41-4	Ethylbenzene	227		10	3.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-121138-B-1 MSD

Matrix: Water | Lab File ID: A27639.D

Analysis Method: 624 | Date Collected: 09/28/2016 10:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/02/2016 18:02

Soil Aliquot Vol: | Dilution Factor: 10

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

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

Analysis Batch No.: 394312 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	204		10	1.5
75-71-8	Dichlorodifluoromethane	172		10	1.4
79-20-9	Methyl acetate	1230		50	5.8
10061-02-6	trans-1,3-Dichloropropene	201		10	1.9
156-60-5	trans-1,2-Dichloroethene	225		10	1.8
156-59-2	cis-1,2-Dichloroethene	228		10	2.6
10061-01-5	cis-1,3-Dichloropropene	213		10	1.6
1330-20-7	Xylenes, Total	447		20	2.8
79-01-6	Trichloroethene	222		10	2.2
108-87-2	Methylcyclohexane	214		10	2.2
71-55-6	1,1,1-Trichloroethane	216		10	2.8
78-87-5	1,2-Dichloropropane	226		10	1.8
124-48-1	Dibromochloromethane	188		10	2.2
106-93-4	1,2-Dibromoethane	229		10	1.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		48-130
2037-26-5	Toluene-d8 (Surr)	105		80-120
460-00-4	Bromofluorobenzene	92		71-131
1868-53-7	Dibromofluoromethane (Surr)	99		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-121202-A-4 MSD

Matrix: Water | Lab File ID: E60634.D

Analysis Method: 624 | Date Collected: 09/30/2016 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 10/04/2016 19:20

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394701 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	241		10	3.7
75-01-4	Vinyl chloride	202		10	0.60
74-83-9	Bromomethane	216		10	1.8
74-87-3	Chloromethane	208		10	2.2
67-64-1	Acetone	725		50	11
75-15-0	Carbon disulfide	205		10	2.2
75-09-2	Methylene Chloride	226		10	2.1
75-69-4	Trichlorofluoromethane	373		10	1.5
75-35-4	1,1-Dichloroethene	215		10	3.4
67-66-3	Chloroform	203		10	2.2
108-88-3	Toluene	197		10	2.5
71-43-2	Benzene	206		10	0.90
76-13-1	Freon TF	282		10	3.4
100-42-5	Styrene	187		10	1.7
75-25-2	Bromoform	153		10	1.8
110-82-7	Cyclohexane	273		10	2.6
56-23-5	Carbon tetrachloride	202		10	3.3
108-90-7	Chlorobenzene	191		10	2.4
79-34-5	1,1,2,2-Tetrachloroethane	202		10	1.9
120-82-1	1,2,4-Trichlorobenzene	176		10	2.7
87-61-6	1,2,3-Trichlorobenzene	169		10	3.5
95-50-1	1,2-Dichlorobenzene	189		10	2.2
541-73-1	1,3-Dichlorobenzene	185		10	3.3
106-46-7	1,4-Dichlorobenzene	180		10	3.3
96-12-8	1,2-Dibromo-3-Chloropropane	165		10	2.3
79-00-5	1,1,2-Trichloroethane	188		10	0.80
108-10-1	4-Methyl-2-pentanone	962		50	6.3
123-91-1	p-Dioxane	3730		500	87
107-06-2	1,2-Dichloroethane	206		10	2.5
78-93-3	2-Butanone	821		50	22
75-34-3	1,1-Dichloroethane	212		10	2.4
591-78-6	2-Hexanone	891		50	7.2
1634-04-4	MTBE	221		10	1.3
127-18-4	Tetrachloroethene	185		10	1.2
98-82-8	Isopropylbenzene	195		10	3.2
100-41-4	Ethylbenzene	192		10	3.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-121202-A-4 MSD

Matrix: Water | Lab File ID: E60634.D

Analysis Method: 624 | Date Collected: 09/30/2016 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 10/04/2016 19:20

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

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

Analysis Batch No.: 394701 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	197		10	1.5
75-71-8	Dichlorodifluoromethane	225		10	1.4
79-20-9	Methyl acetate	974		50	5.8
10061-02-6	trans-1,3-Dichloropropene	194		10	1.9
156-60-5	trans-1,2-Dichloroethene	201		10	1.8
156-59-2	cis-1,2-Dichloroethene	200		10	2.6
10061-01-5	cis-1,3-Dichloropropene	199		10	1.6
1330-20-7	Xylenes, Total	377		20	2.8
79-01-6	Trichloroethene	187		10	2.2
108-87-2	Methylcyclohexane	248		10	2.2
71-55-6	1,1,1-Trichloroethane	203		10	2.8
78-87-5	1,2-Dichloropropane	200		10	1.8
124-48-1	Dibromochloromethane	177		10	2.2
106-93-4	1,2-Dibromoethane	193		10	1.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		48-130
2037-26-5	Toluene-d8 (Surr)	102		80-120
460-00-4	Bromofluorobenzene	91		71-131
1868-53-7	Dibromofluoromethane (Surr)	102		80-120

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Instrument ID: CVOAMS1 Start Date: 09/08/2016 01:38

Analysis Batch Number: 389141 End Date: 09/08/2016 20:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-389141/1		09/08/2016 01:38	1	A26265.D	Rtx-624 0.25(mm)
STD7 460-389141/2 IC		09/08/2016 02:02	1	A26266.D	Rtx-624 0.25(mm)
STD1 460-389141/3 IC		09/08/2016 02:38	1	A26267.D	Rtx-624 0.25(mm)
STD5 460-389141/4 IC		09/08/2016 03:00	1	A26268.D	Rtx-624 0.25(mm)
STD20 460-389141/5 ICIS		09/08/2016 03:21	1	A26269.D	Rtx-624 0.25(mm)
STD50 460-389141/6 IC		09/08/2016 03:43	1	A26270.D	Rtx-624 0.25(mm)
STD200 460-389141/7 IC		09/08/2016 04:04	1	A26271.D	Rtx-624 0.25(mm)
STD500 460-389141/8 IC		09/08/2016 04:26	1	A26272.D	Rtx-624 0.25(mm)
ICV 460-389141/13		09/08/2016 06:56	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 07:18	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 08:29	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 12:08	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 12:30	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 13:37	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 13:59	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 14:20	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 14:42	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 15:04	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 15:26	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 15:49	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 16:33	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 16:57	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 17:19	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 17:40	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 18:01	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 18:24	5		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 19:29	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 19:50	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 20:12	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 20:34	1		Rtx-624 0.25(mm)
ZZZZZ		09/08/2016 20:55	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Instrument ID: CVOAMS1 Start Date: 10/02/2016 06:10

Analysis Batch Number: 394312 End Date: 10/03/2016 02:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-394312/1		10/02/2016 06:10	1	A27607.D	Rtx-624 0.25(mm)
CCVIS 460-394312/3		10/02/2016 07:05	1	A27609.D	Rtx-624 0.25(mm)
LCS 460-394312/4		10/02/2016 07:26	1	A27610.D	Rtx-624 0.25(mm)
MB 460-394312/7		10/02/2016 08:31	1	A27613.D	Rtx-624 0.25(mm)
460-121138-B-1 MS		10/02/2016 17:41	10	A27638.D	Rtx-624 0.25(mm)
460-121138-B-1 MSD		10/02/2016 18:02	10	A27639.D	Rtx-624 0.25(mm)
ZZZZZ		10/02/2016 19:08	1		Rtx-624 0.25(mm)
ZZZZZ		10/02/2016 19:29	1		Rtx-624 0.25(mm)
460-121167-11		10/02/2016 19:51	1	A27644.D	Rtx-624 0.25(mm)
460-121167-12		10/02/2016 20:13	1	A27645.D	Rtx-624 0.25(mm)
ZZZZZ		10/02/2016 20:35	1		Rtx-624 0.25(mm)
ZZZZZ		10/02/2016 20:56	1		Rtx-624 0.25(mm)
ZZZZZ		10/02/2016 21:18	1		Rtx-624 0.25(mm)
ZZZZZ		10/02/2016 21:40	1		Rtx-624 0.25(mm)
ZZZZZ		10/02/2016 22:02	1		Rtx-624 0.25(mm)
ZZZZZ		10/02/2016 22:24	1		Rtx-624 0.25(mm)
ZZZZZ		10/02/2016 22:45	1		Rtx-624 0.25(mm)
ZZZZZ		10/02/2016 23:07	1		Rtx-624 0.25(mm)
ZZZZZ		10/02/2016 23:28	1		Rtx-624 0.25(mm)
460-121167-1		10/02/2016 23:50	1	A27655.D	Rtx-624 0.25(mm)
460-121167-2		10/03/2016 00:12	1	A27656.D	Rtx-624 0.25(mm)
460-121167-3		10/03/2016 00:34	1	A27657.D	Rtx-624 0.25(mm)
460-121167-4		10/03/2016 00:55	1	A27658.D	Rtx-624 0.25(mm)
460-121167-8		10/03/2016 02:01	1	A27661.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Instrument ID: CVOAMS5 Start Date: 10/01/2016 15:29

Analysis Batch Number: 394260 End Date: 10/02/2016 00:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-394260/1		10/01/2016 15:29	1	E60479.D	Rtx-VMS 0.18(mm)
STD8 460-394260/2 IC		10/01/2016 15:43	1	E60480.D	Rtx-VMS 0.18(mm)
STD5 460-394260/4 IC		10/01/2016 16:41	1	E60482.D	Rtx-VMS 0.18(mm)
STD20 460-394260/5 ICIS		10/01/2016 17:09	1	E60483.D	Rtx-VMS 0.18(mm)
STD50 460-394260/6 IC		10/01/2016 17:35	1	E60484.D	Rtx-VMS 0.18(mm)
STD200 460-394260/7 IC		10/01/2016 18:01	1	E60485.D	Rtx-VMS 0.18(mm)
STD500 460-394260/8 IC		10/01/2016 18:27	1	E60486.D	Rtx-VMS 0.18(mm)
STD1 460-394260/14 IC		10/01/2016 22:47	1	E60492.D	Rtx-VMS 0.18(mm)
ICV 460-394260/18		10/02/2016 00:31	1		Rtx-VMS 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Instrument ID: CVOAMS5 Start Date: 10/03/2016 07:27

Analysis Batch Number: 394593 End Date: 10/04/2016 06:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-394593/1		10/03/2016 07:27	1	E60552.D	Rtx-VMS 0.18(mm)
CCVIS 460-394593/4		10/03/2016 08:50	1	E60555.D	Rtx-VMS 0.18(mm)
LCS 460-394593/5		10/03/2016 09:18	1	E60556.D	Rtx-VMS 0.18(mm)
ZZZZZ		10/03/2016 10:17	1		Rtx-VMS 0.18(mm)
MB 460-394593/8		10/03/2016 10:43	1	E60559.D	Rtx-VMS 0.18(mm)
460-121167-6 MS		10/03/2016 19:47	10	E60580.D	Rtx-VMS 0.18(mm)
460-121167-6 MSD		10/03/2016 20:13	10	E60581.D	Rtx-VMS 0.18(mm)
460-121167-6		10/03/2016 21:30	1	E60584.D	Rtx-VMS 0.18(mm)
ZZZZZ		10/03/2016 21:56	1		Rtx-VMS 0.18(mm)
460-121167-7		10/03/2016 22:22	1	E60586.D	Rtx-VMS 0.18(mm)
460-121167-9		10/03/2016 22:47	1	E60587.D	Rtx-VMS 0.18(mm)
460-121167-10		10/03/2016 23:13	1	E60588.D	Rtx-VMS 0.18(mm)
ZZZZZ		10/04/2016 00:05	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/04/2016 00:56	20		Rtx-VMS 0.18(mm)
ZZZZZ		10/04/2016 01:22	100		Rtx-VMS 0.18(mm)
ZZZZZ		10/04/2016 02:40	5		Rtx-VMS 0.18(mm)
ZZZZZ		10/04/2016 03:06	5		Rtx-VMS 0.18(mm)
ZZZZZ		10/04/2016 03:32	2		Rtx-VMS 0.18(mm)
ZZZZZ		10/04/2016 04:23	50		Rtx-VMS 0.18(mm)
ZZZZZ		10/04/2016 04:49	50		Rtx-VMS 0.18(mm)
ZZZZZ		10/04/2016 05:15	50		Rtx-VMS 0.18(mm)
ZZZZZ		10/04/2016 05:41	50		Rtx-VMS 0.18(mm)
ZZZZZ		10/04/2016 06:07	50		Rtx-VMS 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Instrument ID: CVOAMS5 Start Date: 10/04/2016 06:51

Analysis Batch Number: 394701 End Date: 10/05/2016 04:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-394701/1		10/04/2016 06:51	1	E60606.D	Rtx-VMS 0.18(mm)
CCVIS 460-394701/3		10/04/2016 07:43	1	E60608.D	Rtx-VMS 0.18(mm)
LCS 460-394701/5		10/04/2016 08:37	1	E60610.D	Rtx-VMS 0.18(mm)
MB 460-394701/8		10/04/2016 09:54	1	E60613.D	Rtx-VMS 0.18(mm)
ZZZZZ		10/04/2016 10:20	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/04/2016 11:38	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/04/2016 13:44	1		Rtx-VMS 0.18(mm)
460-121202-A-4 MS		10/04/2016 18:55	10	E60633.D	Rtx-VMS 0.18(mm)
460-121202-A-4 MSD		10/04/2016 19:20	10	E60634.D	Rtx-VMS 0.18(mm)
460-121167-5		10/04/2016 20:38	1	E60637.D	Rtx-VMS 0.18(mm)
ZZZZZ		10/04/2016 21:04	50		Rtx-VMS 0.18(mm)
ZZZZZ		10/04/2016 21:30	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/04/2016 21:55	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/04/2016 22:21	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/04/2016 22:47	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/04/2016 23:38	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/05/2016 00:04	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/05/2016 00:30	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/05/2016 00:56	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/05/2016 01:22	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/05/2016 01:48	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/05/2016 02:13	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/05/2016 02:39	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/05/2016 03:05	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/05/2016 03:31	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/05/2016 03:57	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/05/2016 04:23	10		Rtx-VMS 0.18(mm)
ZZZZZ		10/05/2016 04:49	2		Rtx-VMS 0.18(mm)

Method 625

Semivolatile Organic Compounds (GC/MS) by Method 625

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	NBZ #	FBP #	TPHL #
MW-13D	460-121167-1	65	64	72
MW-7B	460-121167-2	73	74	75
MW-7D	460-121167-3	71	77	73
MW-13	460-121167-4	79	76	80
MW-8D	460-121167-5	67	73	76
MW-3	460-121167-6	73	78	80
MW-3 Filtered	460-121167-7	68	67	73
MW-6	460-121167-8	67	70	72
MW-6 Filtered	460-121167-9	70	71	70
MW-8	460-121167-10	77	83	73
FB-20160929	460-121167-11	66	69	62
	MB 460-394513/1-A	76	71	79
	MB 460-394654/1-A	55	51	59
	LCS 460-394513/2-A	74	81	88
	LCS 460-394654/2-A	59	62	63
	LCSD 460-394513/3-A	74	80	84
	LCSD 460-394654/3-A	68	60	67

	QC LIMITS
NBZ = Nitrobenzene-d5	49-125
FBP = 2-Fluorobiphenyl	44-129
TPHL = Terphenyl-d14	28-150

Column to be used to flag recovery values

FORM II 625

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U29916.D

Lab ID: LCS 460-394513/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Bis(2-chloroethyl)ether	80.0	60.9	76	12-158	
1,3-Dichlorobenzene	80.0	59.0	74	0.1-172	
1,4-Dichlorobenzene	80.0	59.0	74	20-124	
1,2-Dichlorobenzene	80.0	59.7	75	32-129	
N-Nitrosodi-n-propylamine	80.0	54.4	68	0.1-230	
Hexachloroethane	80.0	56.6	71	40-113	
Nitrobenzene	80.0	59.4	74	35-180	
Isophorone	80.0	59.9	75	21-196	
Bis(2-chloroethoxy)methane	80.0	67.9	85	33-184	
1,2,4-Trichlorobenzene	80.0	59.6	75	44-142	
Naphthalene	80.0	64.7	81	21-133	
4-Chloroaniline	80.0	59.1	74	49-117	
Hexachlorobutadiene	80.0	58.0	73	24-116	
2-Methylnaphthalene	80.0	64.4	80	56-113	
Hexachlorocyclopentadiene	80.0	61.6	77	27-124	
2-Chloronaphthalene	80.0	68.4	85	60-118	
2-Nitroaniline	80.0	75.2	94	54-128	
Dimethyl phthalate	80.0	67.8	85	0.1-112	
Acenaphthylene	80.0	68.3	85	33-145	
2,6-Dinitrotoluene	80.0	74.6	93	50-158	
3-Nitroaniline	80.0	67.3	84	51-130	
Acenaphthene	80.0	76.1	95	47-145	
Dibenzofuran	80.0	71.0	89	59-121	
2,4-Dinitrotoluene	80.0	78.5	98	39-139	
Diethyl phthalate	80.0	73.1	91	0.1-114	
4-Chlorophenyl phenyl ether	80.0	72.0	90	25-158	
Fluorene	80.0	70.8	89	59-121	
4-Nitroaniline	80.0	74.7	93	48-136	
N-Nitrosodiphenylamine	80.0	68.8	86	53-130	
4-Bromophenyl phenyl ether	80.0	70.8	88	53-127	
Hexachlorobenzene	80.0	73.0	91	0.1-152	
Phenanthrene	80.0	71.9	90	54-120	
Anthracene	80.0	73.7	92	27-133	
Carbazole	80.0	73.1	91	64-129	
Di-n-butyl phthalate	80.0	69.1	86	1-118	
Fluoranthene	80.0	72.5	91	26-137	
Pyrene	80.0	78.4	98	52-115	
Butyl benzyl phthalate	80.0	79.8	100	0.1-152	
3,3'-Dichlorobenzidine	80.0	74.8	94	0.1-262	
Benzo[a]anthracene	80.0	77.0	96	33-143	
Chrysene	80.0	79.2	99	17-168	
Bis(2-ethylhexyl) phthalate	80.0	82.5	103	8-158	

Column to be used to flag recovery and RPD values

FORM III 625

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U29916.D

Lab ID: LCS 460-394513/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Di-n-octyl phthalate	80.0	74.9	94	4-146	
Benzo[b]fluoranthene	80.0	71.9	90	24-159	
Benzo[k]fluoranthene	80.0	75.5	94	11-162	
Benzo[a]pyrene	80.0	73.1	91	17-163	
Indeno[1,2,3-cd]pyrene	80.0	75.1	94	0.1-171	
Dibenz(a,h)anthracene	80.0	85.5	107	0.1-227	
Benzo[g,h,i]perylene	80.0	79.3	99	0.1-219	
bis (2-chloroisopropyl) ether	80.0	59.5	74	36-166	

Column to be used to flag recovery and RPD values

FORM III 625

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U29945.D

Lab ID: LCS 460-394654/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Bis(2-chloroethyl)ether	80.0	50.4	63	12-158	
1,3-Dichlorobenzene	80.0	43.1	54	0.1-172	
1,4-Dichlorobenzene	80.0	44.9	56	20-124	
1,2-Dichlorobenzene	80.0	44.5	56	32-129	
N-Nitrosodi-n-propylamine	80.0	46.3	58	0.1-230	
Hexachloroethane	80.0	41.0	51	40-113	
Nitrobenzene	80.0	48.4	60	35-180	
Isophorone	80.0	47.0	59	21-196	
Bis(2-chloroethoxy)methane	80.0	53.9	67	33-184	
1,2,4-Trichlorobenzene	80.0	43.4	54	44-142	
Naphthalene	80.0	49.1	61	21-133	
4-Chloroaniline	80.0	49.8	62	49-117	
Hexachlorobutadiene	80.0	40.9	51	24-116	
2-Methylnaphthalene	80.0	48.3	60	56-113	
Hexachlorocyclopentadiene	80.0	41.6	52	27-124	
2-Chloronaphthalene	80.0	53.4	67	60-118	
2-Nitroaniline	80.0	56.0	70	54-128	
Dimethyl phthalate	80.0	54.1	68	0.1-112	
Acenaphthylene	80.0	51.6	65	33-145	
2,6-Dinitrotoluene	80.0	55.3	69	50-158	
3-Nitroaniline	80.0	49.8	62	51-130	
Acenaphthene	80.0	46.8	59	47-145	
Dibenzofuran	80.0	51.6	64	59-121	
2,4-Dinitrotoluene	80.0	57.7	72	39-139	
Diethyl phthalate	80.0	54.6	68	0.1-114	
4-Chlorophenyl phenyl ether	80.0	55.6	70	25-158	
Fluorene	80.0	51.2	64	59-121	
4-Nitroaniline	80.0	53.4	67	48-136	
N-Nitrosodiphenylamine	80.0	50.7	63	53-130	
4-Bromophenyl phenyl ether	80.0	50.7	63	53-127	
Hexachlorobenzene	80.0	54.6	68	0.1-152	
Phenanthrene	80.0	52.5	66	54-120	
Anthracene	80.0	49.1	61	27-133	
Carbazole	80.0	50.6	63	64-129	*
Di-n-butyl phthalate	80.0	53.7	67	1-118	
Fluoranthene	80.0	52.8	66	26-137	
Pyrene	80.0	57.3	72	52-115	
Butyl benzyl phthalate	80.0	65.8	82	0.1-152	
3,3'-Dichlorobenzidine	80.0	55.7	70	0.1-262	
Benzo[a]anthracene	80.0	58.7	73	33-143	
Chrysene	80.0	61.8	77	17-168	
Bis(2-ethylhexyl) phthalate	80.0	62.1	78	8-158	

Column to be used to flag recovery and RPD values

FORM III 625

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U29945.D

Lab ID: LCS 460-394654/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Di-n-octyl phthalate	80.0	58.9	74	4-146	
Benzo[b]fluoranthene	80.0	57.8	72	24-159	
Benzo[k]fluoranthene	80.0	53.0	66	11-162	
Benzo[a]pyrene	80.0	57.1	71	17-163	
Indeno[1,2,3-cd]pyrene	80.0	69.1	86	0.1-171	
Dibenz(a,h)anthracene	80.0	64.8	81	0.1-227	
Benzo[g,h,i]perylene	80.0	64.6	81	0.1-219	
bis (2-chloroisopropyl) ether	80.0	51.7	65	36-166	

Column to be used to flag recovery and RPD values

FORM III 625

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U29917.D

Lab ID: LCSD 460-394513/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Bis(2-chloroethyl)ether	80.0	60.5	76	1	40	12-158	
1,3-Dichlorobenzene	80.0	55.9	70	5	40	0.1-172	
1,4-Dichlorobenzene	80.0	56.6	71	4	40	20-124	
1,2-Dichlorobenzene	80.0	56.4	71	6	40	32-129	
N-Nitrosodi-n-propylamine	80.0	57.9	72	6	40	0.1-230	
Hexachloroethane	80.0	54.1	68	4	40	40-113	
Nitrobenzene	80.0	60.0	75	1	40	35-180	
Isophorone	80.0	62.2	78	4	40	21-196	
Bis(2-chloroethoxy)methane	80.0	67.1	84	1	40	33-184	
1,2,4-Trichlorobenzene	80.0	58.2	73	2	40	44-142	
Naphthalene	80.0	63.8	80	1	40	21-133	
4-Chloroaniline	80.0	62.4	78	5	40	49-117	
Hexachlorobutadiene	80.0	57.9	72	0	40	24-116	
2-Methylnaphthalene	80.0	62.0	78	4	40	56-113	
Hexachlorocyclopentadiene	80.0	60.5	76	2	40	27-124	
2-Chloronaphthalene	80.0	71.7	90	5	40	60-118	
2-Nitroaniline	80.0	79.1	99	5	40	54-128	
Dimethyl phthalate	80.0	68.8	86	1	40	0.1-112	
Acenaphthylene	80.0	69.6	87	2	40	33-145	
2,6-Dinitrotoluene	80.0	80.1	100	7	40	50-158	
3-Nitroaniline	80.0	70.8	89	5	40	51-130	
Acenaphthene	80.0	82.2	103	8	40	47-145	
Dibenzofuran	80.0	70.3	88	1	40	59-121	
2,4-Dinitrotoluene	80.0	80.9	101	3	40	39-139	
Diethyl phthalate	80.0	73.6	92	1	40	0.1-114	
4-Chlorophenyl phenyl ether	80.0	75.7	95	5	40	25-158	
Fluorene	80.0	69.2	86	2	40	59-121	
4-Nitroaniline	80.0	76.6	96	3	40	48-136	
N-Nitrosodiphenylamine	80.0	69.2	86	1	40	53-130	
4-Bromophenyl phenyl ether	80.0	69.7	87	2	40	53-127	
Hexachlorobenzene	80.0	72.1	90	1	40	0.1-152	
Phenanthrene	80.0	72.2	90	0	40	54-120	
Anthracene	80.0	70.8	89	4	40	27-133	
Carbazole	80.0	70.3	88	4	40	64-129	
Di-n-butyl phthalate	80.0	69.7	87	1	40	1-118	
Fluoranthene	80.0	71.4	89	1	40	26-137	
Pyrene	80.0	77.8	97	1	40	52-115	
Butyl benzyl phthalate	80.0	81.0	101	2	40	0.1-152	
3,3'-Dichlorobenzidine	80.0	72.7	91	3	40	0.1-262	
Benzo[a]anthracene	80.0	74.3	93	4	40	33-143	
Chrysene	80.0	79.1	99	0	40	17-168	
Bis(2-ethylhexyl) phthalate	80.0	80.9	101	2	40	8-158	

Column to be used to flag recovery and RPD values

FORM III 625

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U29917.D

Lab ID: LCSD 460-394513/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Di-n-octyl phthalate	80.0	73.8	92	1	40	4-146	
Benzo[b]fluoranthene	80.0	75.2	94	4	40	24-159	
Benzo[k]fluoranthene	80.0	69.8	87	8	40	11-162	
Benzo[a]pyrene	80.0	74.4	93	2	40	17-163	
Indeno[1,2,3-cd]pyrene	80.0	85.7	107	13	40	0.1-171	
Dibenz(a,h)anthracene	80.0	81.0	101	5	40	0.1-227	
Benzo[g,h,i]perylene	80.0	78.6	98	1	40	0.1-219	
bis (2-chloroisopropyl) ether	80.0	57.7	72	3	40	36-166	

Column to be used to flag recovery and RPD values

FORM III 625

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U29942.D

Lab ID: LCSD 460-394654/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Bis(2-chloroethyl)ether	80.0	54.7	68	8	40	12-158	
1,3-Dichlorobenzene	80.0	48.6	61	12	40	0.1-172	
1,4-Dichlorobenzene	80.0	48.5	61	8	40	20-124	
1,2-Dichlorobenzene	80.0	48.5	61	9	40	32-129	
N-Nitrosodi-n-propylamine	80.0	52.4	65	12	40	0.1-230	
Hexachloroethane	80.0	46.0	57	12	40	40-113	
Nitrobenzene	80.0	54.6	68	12	40	35-180	
Isophorone	80.0	53.8	67	14	40	21-196	
Bis(2-chloroethoxy)methane	80.0	58.2	73	8	40	33-184	
1,2,4-Trichlorobenzene	80.0	49.3	62	13	40	44-142	
Naphthalene	80.0	53.7	67	9	40	21-133	
4-Chloroaniline	80.0	52.3	65	5	40	49-117	
Hexachlorobutadiene	80.0	48.9	61	18	40	24-116	
2-Methylnaphthalene	80.0	54.0	68	11	40	56-113	
Hexachlorocyclopentadiene	80.0	44.6	56	7	40	27-124	
2-Chloronaphthalene	80.0	55.4	69	4	40	60-118	
2-Nitroaniline	80.0	58.0	72	3	40	54-128	
Dimethyl phthalate	80.0	58.4	73	8	40	0.1-112	
Acenaphthylene	80.0	57.6	72	11	40	33-145	
2,6-Dinitrotoluene	80.0	59.8	75	8	40	50-158	
3-Nitroaniline	80.0	57.5	72	14	40	51-130	
Acenaphthene	80.0	60.4	76	25	40	47-145	
Dibenzofuran	80.0	55.9	70	8	40	59-121	
2,4-Dinitrotoluene	80.0	60.0	75	4	40	39-139	
Diethyl phthalate	80.0	60.1	75	10	40	0.1-114	
4-Chlorophenyl phenyl ether	80.0	60.6	76	9	40	25-158	
Fluorene	80.0	56.6	71	10	40	59-121	
4-Nitroaniline	80.0	58.8	74	10	40	48-136	
N-Nitrosodiphenylamine	80.0	59.0	74	15	40	53-130	
4-Bromophenyl phenyl ether	80.0	61.2	77	19	40	53-127	
Hexachlorobenzene	80.0	58.0	72	6	40	0.1-152	
Phenanthrene	80.0	58.3	73	11	40	54-120	
Anthracene	80.0	56.0	70	13	40	27-133	
Carbazole	80.0	57.4	72	13	40	64-129	
Di-n-butyl phthalate	80.0	58.7	73	9	40	1-118	
Fluoranthene	80.0	61.2	76	15	40	26-137	
Pyrene	80.0	64.8	81	12	40	52-115	
Butyl benzyl phthalate	80.0	66.9	84	2	40	0.1-152	
3,3'-Dichlorobenzidine	80.0	59.2	74	6	40	0.1-262	
Benzo[a]anthracene	80.0	63.3	79	8	40	33-143	
Chrysene	80.0	67.1	84	8	40	17-168	
Bis(2-ethylhexyl) phthalate	80.0	67.2	84	8	40	8-158	

Column to be used to flag recovery and RPD values

FORM III 625

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U29942.D

Lab ID: LCSD 460-394654/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Di-n-octyl phthalate	80.0	66.5	83	12	40	4-146	
Benzo[b]fluoranthene	80.0	57.8	72	0	40	24-159	
Benzo[k]fluoranthene	80.0	69.0	86	26	40	11-162	
Benzo[a]pyrene	80.0	65.1	81	13	40	17-163	
Indeno[1,2,3-cd]pyrene	80.0	70.6	88	2	40	0.1-171	
Dibenz(a,h)anthracene	80.0	75.0	94	15	40	0.1-227	
Benzo[g,h,i]perylene	80.0	70.9	89	9	40	0.1-219	
bis (2-chloroisopropyl) ether	80.0	55.0	69	6	40	36-166	

Column to be used to flag recovery and RPD values

FORM III 625

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab File ID: U29915.D Lab Sample ID: MB 460-394513/1-A

Matrix: Water Date Extracted: 10/03/2016 10:31

Instrument ID: CBNAMS4 Date Analyzed: 10/04/2016 01:54

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-394513/2-A	U29916.D	10/04/2016 02:16
	LCSD 460-394513/3-A	U29917.D	10/04/2016 02:38
MW-13D	460-121167-1	U29930.D	10/04/2016 07:25
MW-7B	460-121167-2	U29931.D	10/04/2016 07:48
MW-7D	460-121167-3	U29932.D	10/04/2016 08:10
MW-13	460-121167-4	U29933.D	10/04/2016 08:32
MW-8D	460-121167-5	U29934.D	10/04/2016 08:54
MW-3	460-121167-6	U29935.D	10/04/2016 09:16
MW-3 Filtered	460-121167-7	U29936.D	10/04/2016 09:38
MW-6	460-121167-8	U29937.D	10/04/2016 10:01
MW-6 Filtered	460-121167-9	U29938.D	10/04/2016 10:23
MW-8	460-121167-10	U29939.D	10/04/2016 10:45

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab File ID: U29940.D Lab Sample ID: MB 460-394654/1-A

Matrix: Water Date Extracted: 10/03/2016 20:21

Instrument ID: CBNAMS4 Date Analyzed: 10/04/2016 11:07

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCSD 460-394654/3-A	U29942.D	10/04/2016 11:52
	LCS 460-394654/2-A	U29945.D	10/04/2016 12:58
FB-20160929	460-121167-11	U29947.D	10/04/2016 13:43

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab File ID: U29891.D DFTPP Injection Date: 10/03/2016

Instrument ID: CBNAMS4 DFTPP Injection Time: 16:06

Analysis Batch No.: 394601

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	53.8	
68	Less than 2.0 % of mass 69	0.0	(0.0) 1
69	Mass 69 relative abundance	63.6	
70	Less than 2.0 % of mass 69	0.2	(0.3) 1
127	40.0 - 60.0 % of mass 198	53.1	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.3	
275	10.0 - 30.0 % of mass 198	19.9	
365	Greater than 1.0 % of mass 198	3.4	
441	Present but less than mass 443	7.8	(89.9) 3
442	Greater than 40.0 % of mass 198	46.4	
443	17.0 - 23.0 % of mass 442	8.7	(18.7) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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
	ICIS 460-394601/2	U29892.D	10/03/2016	16:32
	STD24 460-394601/3	U29893.D	10/03/2016	17:13
	STD16 460-394601/4	U29894.D	10/03/2016	17:35
	STD4 460-394601/5	U29895.D	10/03/2016	17:57
	STD2 460-394601/6	U29896.D	10/03/2016	18:20
	STD1 460-394601/7	U29897.D	10/03/2016	18:42
	STD02 460-394601/8	U29898.D	10/03/2016	19:04
	STD01 460-394601/9	U29899.D	10/03/2016	19:27
	STD10 460-394601/10	U29900.D	10/03/2016	20:01
	STD24 460-394601/11	U29901.D	10/03/2016	20:24
	STD16 460-394601/12	U29902.D	10/03/2016	20:46
	STD4 460-394601/13	U29903.D	10/03/2016	21:08
	STD2 460-394601/14	U29904.D	10/03/2016	21:30
	STD1 460-394601/15	U29905.D	10/03/2016	21:53
	STD02 460-394601/16	U29906.D	10/03/2016	22:15
	ICV 460-394601/17	U29907.D	10/03/2016	22:37
	ICV 460-394601/18	U29908.D	10/03/2016	22:59
	MB 460-394513/1-A	U29915.D	10/04/2016	01:54
	LCS 460-394513/2-A	U29916.D	10/04/2016	02:16
	LCSD 460-394513/3-A	U29917.D	10/04/2016	02:38
MW-13D	460-121167-1	U29930.D	10/04/2016	07:25
MW-7B	460-121167-2	U29931.D	10/04/2016	07:48
MW-7D	460-121167-3	U29932.D	10/04/2016	08:10
MW-13	460-121167-4	U29933.D	10/04/2016	08:32

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab File ID: U29891.D DFTPP Injection Date: 10/03/2016

Instrument ID: CBNAMS4 DFTPP Injection Time: 16:06

Analysis Batch No.: 394601

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	53.8	
68	Less than 2.0 % of mass 69	0.0	(0.0) 1
69	Mass 69 relative abundance	63.6	
70	Less than 2.0 % of mass 69	0.2	(0.3) 1
127	40.0 - 60.0 % of mass 198	53.1	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.3	
275	10.0 - 30.0 % of mass 198	19.9	
365	Greater than 1.0 % of mass 198	3.4	
441	Present but less than mass 443	7.8	(89.9) 3
442	Greater than 40.0 % of mass 198	46.4	
443	17.0 - 23.0 % of mass 442	8.7	(18.7) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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
MW-8D	460-121167-5	U29934.D	10/04/2016	08:54
MW-3	460-121167-6	U29935.D	10/04/2016	09:16
MW-3 Filtered	460-121167-7	U29936.D	10/04/2016	09:38
MW-6	460-121167-8	U29937.D	10/04/2016	10:01
MW-6 Filtered	460-121167-9	U29938.D	10/04/2016	10:23
MW-8	460-121167-10	U29939.D	10/04/2016	10:45
	MB 460-394654/1-A	U29940.D	10/04/2016	11:07
	LCSD 460-394654/3-A	U29942.D	10/04/2016	11:52
	LCS 460-394654/2-A	U29945.D	10/04/2016	12:58
FB-20160929	460-121167-11	U29947.D	10/04/2016	13:43

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

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Sample No.: ICIS 460-394601/2 Date Analyzed: 10/03/2016 16:32

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): U29892.D Heated Purge: (Y/N) N

Calibration ID: 58230

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		315828	4.60	1130232	5.88	665621	7.62
UPPER LIMIT		631656	5.10	2260464	6.38	1331242	8.12
LOWER LIMIT		157914	4.10	565116	5.38	332811	7.12
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-394601/17		338458	4.59	1202827	5.86	732898	7.61
ICV 460-394601/18		324838	4.58	1190248	5.86	754282	7.60
MB 460-394513/1-A		296147	4.58	1089732	5.86	728283	7.61
LCS 460-394513/2-A		311862	4.59	1080657	5.86	576829	7.61
LCSD 460-394513/3-A		336386	4.59	1175931	5.86	649272	7.61
460-121167-1	MW-13D	329497	4.58	1205257	5.85	761738	7.60
460-121167-2	MW-7B	306061	4.58	1108478	5.85	699267	7.60
460-121167-3	MW-7D	335374	4.58	1183735	5.85	744943	7.59
460-121167-4	MW-13	315310	4.58	1053238	5.85	578800	7.60
460-121167-5	MW-8D	303162	4.58	1155031	5.85	712781	7.60
460-121167-6	MW-3	303703	4.58	1127993	5.85	651669	7.60
460-121167-7	MW-3 Filtered	319055	4.58	1143540	5.85	704696	7.60
460-121167-8	MW-6	307616	4.58	1186681	5.85	724350	7.60
460-121167-9	MW-6 Filtered	297881	4.58	1143621	5.85	678937	7.60
460-121167-10	MW-8	286839	4.58	955951	5.85	508032	7.60
MB 460-394654/1-A		314605	4.58	1166359	5.86	706109	7.60
LCSD 460-394654/3-A		301431	4.59	1084535	5.86	638775	7.60
LCS 460-394654/2-A		292808	4.58	1068165	5.85	591742	7.60
460-121167-11	FB-20160929	311276	4.57	1105739	5.85	601443	7.59

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

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 625

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

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Sample No.: ICIS 460-394601/2 Date Analyzed: 10/03/2016 16:32

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): U29892.D Heated Purge: (Y/N) N

Calibration ID: 58230

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1073553	9.08	818471	11.89	725093	13.85
UPPER LIMIT		2147106	9.58	1636942	12.39	1450186	14.35
LOWER LIMIT		536777	8.58	409236	11.39	362547	13.35
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-394601/17		1255215	9.07	992199	11.88	888992	13.84
ICV 460-394601/18		1227767	9.07	1072091	11.87	869649	13.83
MB 460-394513/1-A		1172821	9.07	1009232	11.88	840759	13.85
LCS 460-394513/2-A		933766	9.08	697581	11.88	666651	13.84
LCSD 460-394513/3-A		1066550	9.06	802610	11.87	768312	13.84
460-121167-1	MW-13D	1193024	9.06	1022060	11.87	832755	13.83
460-121167-2	MW-7B	1097200	9.06	923787	11.87	786320	13.83
460-121167-3	MW-7D	1254136	9.06	1035565	11.87	833231	13.83
460-121167-4	MW-13	898570	9.07	702914	11.86	688000	13.83
460-121167-5	MW-8D	1158959	9.06	979077	11.87	799952	13.83
460-121167-6	MW-3	1017817	9.06	831720	11.86	739795	13.83
460-121167-7	MW-3 Filtered	1207222	9.06	952615	11.86	782532	13.82
460-121167-8	MW-6	1167573	9.06	907802	11.86	810793	13.82
460-121167-9	MW-6 Filtered	1130775	9.06	874882	11.86	746726	13.83
460-121167-10	MW-8	714289	9.06	613176	11.87	639513	13.83
MB 460-394654/1-A		1160939	9.05	924740	11.86	803050	13.82
LCSD 460-394654/3-A		996560	9.06	771188	11.87	699502	13.83
LCS 460-394654/2-A		1002322	9.06	761424	11.87	711940	13.83
460-121167-11	FB-20160929	1143746	9.06	913512	11.86	779414	13.82

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

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 625

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-13D | Lab Sample ID: 460-121167-1

Matrix: Water | Lab File ID: U29930.D

Analysis Method: 625 | Date Collected: 09/29/2016 09:30

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 240(mL) | Date Analyzed: 10/04/2016 07:25

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.13	U	1.0	0.13
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2
106-46-7	1,4-Dichlorobenzene	0.69	U	10	0.69
95-50-1	1,2-Dichlorobenzene	0.86	U	10	0.86
621-64-7	N-Nitrosodi-n-propylamine	0.86	U	1.0	0.86
67-72-1	Hexachloroethane	0.094	U	1.0	0.094
98-95-3	Nitrobenzene	0.51	U	1.0	0.51
78-59-1	Isophorone	0.70	U	10	0.70
111-91-1	Bis(2-chloroethoxy)methane	0.72	U	10	0.72
120-82-1	1,2,4-Trichlorobenzene	0.64	U	1.0	0.64
91-20-3	Naphthalene	0.83	U	10	0.83
106-47-8	4-Chloroaniline	0.76	U	10	0.76
87-68-3	Hexachlorobutadiene	0.79	U	1.0	0.79
91-57-6	2-Methylnaphthalene	0.92	U	10	0.92
77-47-4	Hexachlorocyclopentadiene	0.64	U	10	0.64
91-58-7	2-Chloronaphthalene	0.64	U	10	0.64
88-74-4	2-Nitroaniline	0.68	U	10	0.68
131-11-3	Dimethyl phthalate	1.0	U	10	1.0
208-96-8	Acenaphthylene	0.68	U	10	0.68
606-20-2	2,6-Dinitrotoluene	0.92	U	2.1	0.92
99-09-2	3-Nitroaniline	0.85	U	10	0.85
83-32-9	Acenaphthene	0.92	U	10	0.92
132-64-9	Dibenzofuran	0.89	U	10	0.89
121-14-2	2,4-Dinitrotoluene	1.1	U	2.1	1.1
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	1.0	U	10	1.0
86-73-7	Fluorene	0.83	U	10	0.83
100-01-6	4-Nitroaniline	0.50	U	10	0.50
86-30-6	N-Nitrosodiphenylamine	0.77	U	10	0.77
101-55-3	4-Bromophenyl phenyl ether	1.1	U	10	1.1
118-74-1	Hexachlorobenzene	0.49	U	1.0	0.49
85-01-8	Phenanthrene	0.68	U	10	0.68
120-12-7	Anthracene	0.59	U	10	0.59
86-74-8	Carbazole	0.89	U	10	0.89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-13D | Lab Sample ID: 460-121167-1

Matrix: Water | Lab File ID: U29930.D

Analysis Method: 625 | Date Collected: 09/29/2016 09:30

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 240(mL) | Date Analyzed: 10/04/2016 07:25

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.85	U	10	0.85
206-44-0	Fluoranthene	0.75	U	10	0.75
129-00-0	Pyrene	0.86	U	10	0.86
85-68-7	Butyl benzyl phthalate	0.63	U	10	0.63
91-94-1	3,3'-Dichlorobenzidine	1.1	U	10	1.1
56-55-3	Benzo[a]anthracene	0.57	U	1.0	0.57
218-01-9	Chrysene	0.70	U	2.1	0.70
117-81-7	Bis(2-ethylhexyl) phthalate	0.75	U	2.1	0.75
117-84-0	Di-n-octyl phthalate	0.72	U	10	0.72
205-99-2	Benzo[b]fluoranthene	0.46	U	1.0	0.46
207-08-9	Benzo[k]fluoranthene	0.19	U	1.0	0.19
50-32-8	Benzo[a]pyrene	0.17	U	1.0	0.17
193-39-5	Indeno[1,2,3-cd]pyrene	0.22	U	1.0	0.22
53-70-3	Dibenz(a,h)anthracene	0.094	U	1.0	0.094
191-24-2	Benzo[g,h,i]perylene	0.78	U	10	0.78
108-60-1	bis (2-chloroisopropyl) ether	0.97	U	10	0.97

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	65		49-125
1718-51-0	Terphenyl-d14	72		28-150
321-60-8	2-Fluorobiphenyl	64		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-13D | Lab Sample ID: 460-121167-1

Matrix: Water | Lab File ID: U29930.D

Analysis Method: 625 | Date Collected: 09/29/2016 09:30

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 240(mL) | Date Analyzed: 10/04/2016 07:25

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29930.D
Lims ID: 460-121167-F-1-A
Client ID: MW-13D
Sample Type: Client
Inject. Date: 04-Oct-2016 07:25:30 ALS Bottle#: 40 Worklist Smp#: 40
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-040
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 13:00:30

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.580	4.592	-0.012	86	329497	8.00	
$ 28 Nitrobenzene-d5	82	5.129	5.153	-0.024	85	1067717	6.54	
* 38 Naphthalene-d8	136	5.852	5.861	-0.009	95	1205257	8.00	
$ 52 2-Fluorobiphenyl	172	6.927	6.953	-0.026	95	950268	6.44	
* 64 Acenaphthene-d10	164	7.604	7.609	-0.005	92	761738	8.00	
* 87 Phenanthrene-d10	188	9.060	9.080	-0.020	97	1193024	8.00	
$ 96 Terphenyl-d14	244	10.646	10.666	-0.020	98	1125851	7.16	
* 102 Chrysene-d12	240	11.866	11.885	-0.019	99	1022060	8.00	
* 109 Perylene-d12	264	13.825	13.843	-0.018	99	832755	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

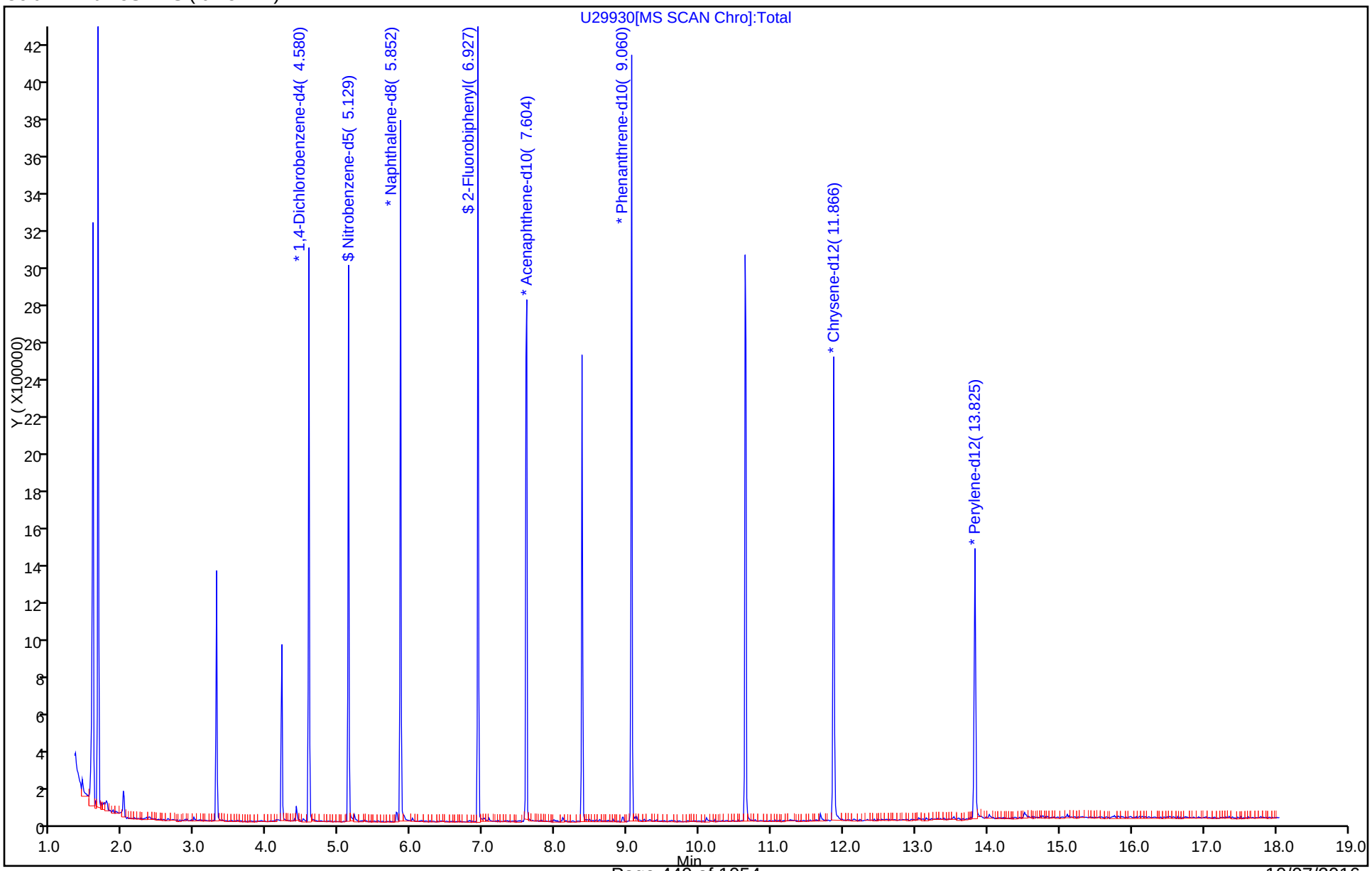
Report Date: 05-Oct-2016 14:16:47 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29930.D

Injection Date:	04-Oct-2016 07:25:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121167-F-1-A	Lab Sample ID:	460-121167-1	Worklist Smp#:	40
Client ID:	MW-13D				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	40
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-7B | Lab Sample ID: 460-121167-2

Matrix: Water | Lab File ID: U29931.D

Analysis Method: 625 | Date Collected: 09/29/2016 09:45

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 07:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.12	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.1	U	10	1.1
106-46-7	1,4-Dichlorobenzene	0.66	U	10	0.66
95-50-1	1,2-Dichlorobenzene	0.83	U	10	0.83
621-64-7	N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83
67-72-1	Hexachloroethane	0.090	U	1.0	0.090
98-95-3	Nitrobenzene	0.49	U	1.0	0.49
78-59-1	Isophorone	0.67	U	10	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.69	U	10	0.69
120-82-1	1,2,4-Trichlorobenzene	0.61	U	1.0	0.61
91-20-3	Naphthalene	0.80	U	10	0.80
106-47-8	4-Chloroaniline	0.73	U	10	0.73
87-68-3	Hexachlorobutadiene	0.76	U	1.0	0.76
91-57-6	2-Methylnaphthalene	0.88	U	10	0.88
77-47-4	Hexachlorocyclopentadiene	0.61	U	10	0.61
91-58-7	2-Chloronaphthalene	0.61	U	10	0.61
88-74-4	2-Nitroaniline	0.65	U	10	0.65
131-11-3	Dimethyl phthalate	0.98	U	10	0.98
208-96-8	Acenaphthylene	0.65	U	10	0.65
606-20-2	2,6-Dinitrotoluene	0.88	U	2.0	0.88
99-09-2	3-Nitroaniline	0.82	U	10	0.82
83-32-9	Acenaphthene	0.88	U	10	0.88
132-64-9	Dibenzofuran	0.85	U	10	0.85
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	0.96	U	10	0.96
86-73-7	Fluorene	0.80	U	10	0.80
100-01-6	4-Nitroaniline	0.48	U	10	0.48
86-30-6	N-Nitrosodiphenylamine	0.74	U	10	0.74
101-55-3	4-Bromophenyl phenyl ether	1.0	U	10	1.0
118-74-1	Hexachlorobenzene	0.47	U	1.0	0.47
85-01-8	Phenanthrene	0.65	U	10	0.65
120-12-7	Anthracene	0.57	U	10	0.57
86-74-8	Carbazole	0.85	U	10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-7B | Lab Sample ID: 460-121167-2

Matrix: Water | Lab File ID: U29931.D

Analysis Method: 625 | Date Collected: 09/29/2016 09:45

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 07:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.82	U	10	0.82
206-44-0	Fluoranthene	0.72	U	10	0.72
129-00-0	Pyrene	0.83	U	10	0.83
85-68-7	Butyl benzyl phthalate	0.60	U	10	0.60
91-94-1	3,3'-Dichlorobenzidine	1.0	U	10	1.0
56-55-3	Benzo[a]anthracene	0.55	U	1.0	0.55
218-01-9	Chrysene	0.67	U	2.0	0.67
117-81-7	Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72
117-84-0	Di-n-octyl phthalate	0.69	U	10	0.69
205-99-2	Benzo[b]fluoranthene	0.44	U	1.0	0.44
207-08-9	Benzo[k]fluoranthene	0.18	U	1.0	0.18
50-32-8	Benzo[a]pyrene	0.16	U	1.0	0.16
193-39-5	Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21
53-70-3	Dibenz(a,h)anthracene	0.090	U	1.0	0.090
191-24-2	Benzo[g,h,i]perylene	0.75	U	10	0.75
108-60-1	bis (2-chloroisopropyl) ether	0.93	U	10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	73		49-125
1718-51-0	Terphenyl-d14	75		28-150
321-60-8	2-Fluorobiphenyl	74		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-7B | Lab Sample ID: 460-121167-2

Matrix: Water | Lab File ID: U29931.D

Analysis Method: 625 | Date Collected: 09/29/2016 09:45

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 07:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29931.D
Lims ID: 460-121167-F-2-A
Client ID: MW-7B
Sample Type: Client
Inject. Date: 04-Oct-2016 07:48:30 ALS Bottle#: 41 Worklist Smp#: 41
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-041
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 13:47:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.580	4.592	-0.012	86	306061	8.00	
$ 28 Nitrobenzene-d5	82	5.126	5.153	-0.027	86	1103440	7.34	
* 38 Naphthalene-d8	136	5.849	5.861	-0.012	95	1108478	8.00	
$ 52 2-Fluorobiphenyl	172	6.934	6.953	-0.019	96	1003025	7.40	
* 64 Acenaphthene-d10	164	7.597	7.609	-0.012	92	699267	8.00	
* 87 Phenanthrene-d10	188	9.060	9.080	-0.020	97	1097200	8.00	
$ 96 Terphenyl-d14	244	10.644	10.666	-0.022	98	1060897	7.46	
* 102 Chrysene-d12	240	11.869	11.885	-0.016	98	923787	8.00	
* 109 Perylene-d12	264	13.828	13.843	-0.015	98	786320	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

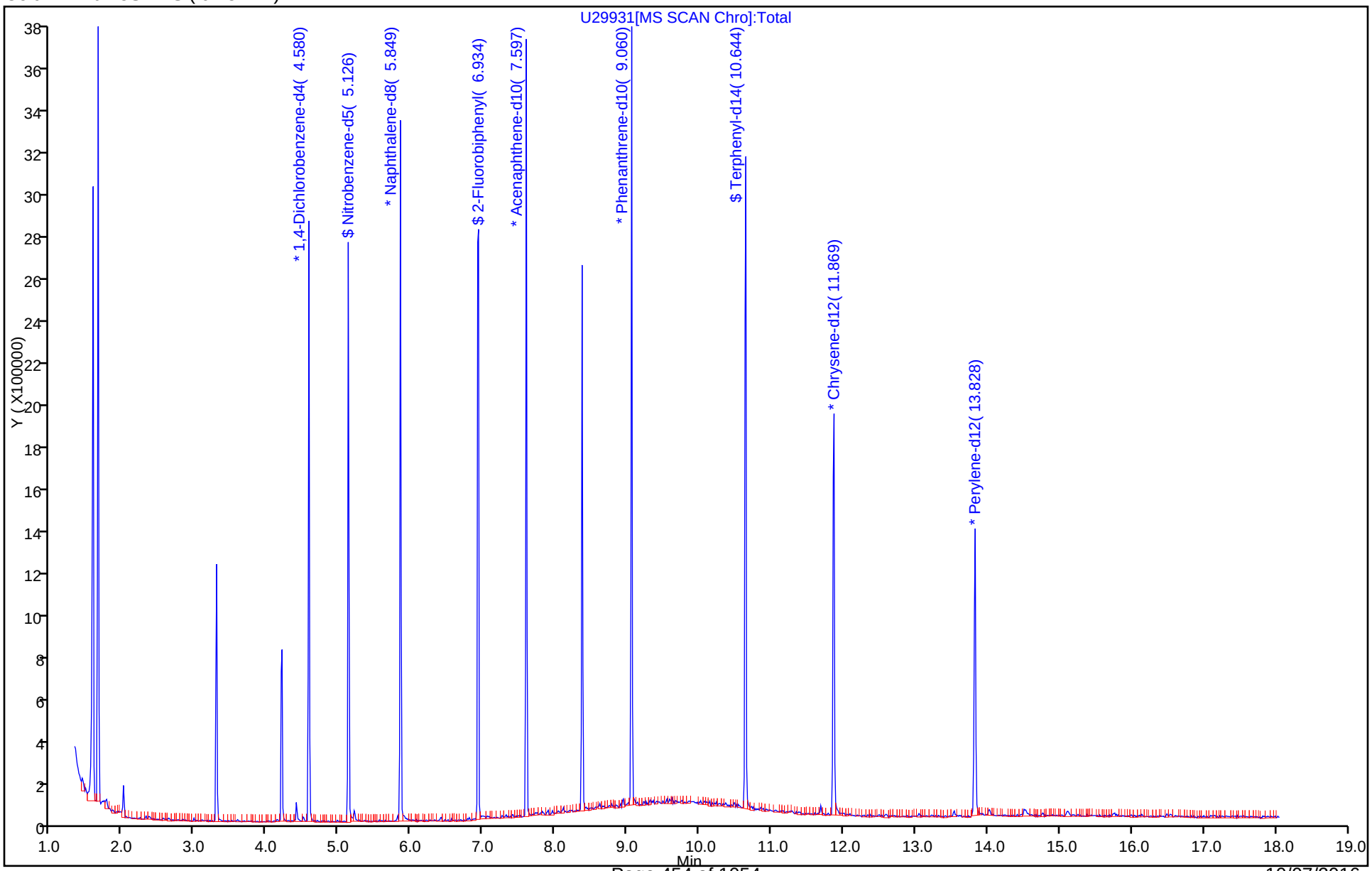
Report Date: 05-Oct-2016 14:16:53 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29931.D

Injection Date:	04-Oct-2016 07:48:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121167-F-2-A	Lab Sample ID:	460-121167-2	Worklist Smp#:	41
Client ID:	MW-7B				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	41
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-7D | Lab Sample ID: 460-121167-3

Matrix: Water | Lab File ID: U29932.D

Analysis Method: 625 | Date Collected: 09/29/2016 11:05

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 08:10

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.12	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.1	U	10	1.1
106-46-7	1,4-Dichlorobenzene	0.66	U	10	0.66
95-50-1	1,2-Dichlorobenzene	0.83	U	10	0.83
621-64-7	N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83
67-72-1	Hexachloroethane	0.090	U	1.0	0.090
98-95-3	Nitrobenzene	0.49	U	1.0	0.49
78-59-1	Isophorone	0.67	U	10	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.69	U	10	0.69
120-82-1	1,2,4-Trichlorobenzene	0.61	U	1.0	0.61
91-20-3	Naphthalene	0.80	U	10	0.80
106-47-8	4-Chloroaniline	0.73	U	10	0.73
87-68-3	Hexachlorobutadiene	0.76	U	1.0	0.76
91-57-6	2-Methylnaphthalene	0.88	U	10	0.88
77-47-4	Hexachlorocyclopentadiene	0.61	U	10	0.61
91-58-7	2-Chloronaphthalene	0.61	U	10	0.61
88-74-4	2-Nitroaniline	0.65	U	10	0.65
131-11-3	Dimethyl phthalate	0.98	U	10	0.98
208-96-8	Acenaphthylene	0.65	U	10	0.65
606-20-2	2,6-Dinitrotoluene	0.88	U	2.0	0.88
99-09-2	3-Nitroaniline	0.82	U	10	0.82
83-32-9	Acenaphthene	0.88	U	10	0.88
132-64-9	Dibenzofuran	0.85	U	10	0.85
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	0.96	U	10	0.96
86-73-7	Fluorene	0.80	U	10	0.80
100-01-6	4-Nitroaniline	0.48	U	10	0.48
86-30-6	N-Nitrosodiphenylamine	0.74	U	10	0.74
101-55-3	4-Bromophenyl phenyl ether	1.0	U	10	1.0
118-74-1	Hexachlorobenzene	0.47	U	1.0	0.47
85-01-8	Phenanthrene	0.65	U	10	0.65
120-12-7	Anthracene	0.57	U	10	0.57
86-74-8	Carbazole	0.85	U	10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-7D | Lab Sample ID: 460-121167-3

Matrix: Water | Lab File ID: U29932.D

Analysis Method: 625 | Date Collected: 09/29/2016 11:05

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 08:10

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.82	U	10	0.82
206-44-0	Fluoranthene	0.72	U	10	0.72
129-00-0	Pyrene	0.83	U	10	0.83
85-68-7	Butyl benzyl phthalate	0.60	U	10	0.60
91-94-1	3,3'-Dichlorobenzidine	1.0	U	10	1.0
56-55-3	Benzo[a]anthracene	0.55	U	1.0	0.55
218-01-9	Chrysene	0.67	U	2.0	0.67
117-81-7	Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72
117-84-0	Di-n-octyl phthalate	0.69	U	10	0.69
205-99-2	Benzo[b]fluoranthene	0.44	U	1.0	0.44
207-08-9	Benzo[k]fluoranthene	0.18	U	1.0	0.18
50-32-8	Benzo[a]pyrene	0.16	U	1.0	0.16
193-39-5	Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21
53-70-3	Dibenz(a,h)anthracene	0.090	U	1.0	0.090
191-24-2	Benzo[g,h,i]perylene	0.75	U	10	0.75
108-60-1	bis (2-chloroisopropyl) ether	0.93	U	10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	71		49-125
1718-51-0	Terphenyl-d14	73		28-150
321-60-8	2-Fluorobiphenyl	77		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-7D | Lab Sample ID: 460-121167-3

Matrix: Water | Lab File ID: U29932.D

Analysis Method: 625 | Date Collected: 09/29/2016 11:05

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 08:10

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29932.D
Lims ID: 460-121167-E-3-A
Client ID: MW-7D
Sample Type: Client
Inject. Date: 04-Oct-2016 08:10:30 ALS Bottle#: 42 Worklist Smp#: 42
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-042
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 13:47:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.579	4.592	-0.013	85	335374	8.00	
$ 28 Nitrobenzene-d5	82	5.128	5.153	-0.025	86	1134311	7.07	
* 38 Naphthalene-d8	136	5.850	5.861	-0.011	95	1183735	8.00	
$ 52 2-Fluorobiphenyl	172	6.931	6.953	-0.022	95	1117780	7.74	
* 64 Acenaphthene-d10	164	7.593	7.609	-0.016	91	744943	8.00	
* 87 Phenanthrene-d10	188	9.061	9.080	-0.019	97	1254136	8.00	
$ 96 Terphenyl-d14	244	10.644	10.666	-0.022	98	1170755	7.35	
* 102 Chrysene-d12	240	11.868	11.885	-0.017	98	1035565	8.00	
* 109 Perylene-d12	264	13.827	13.843	-0.016	99	833231	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

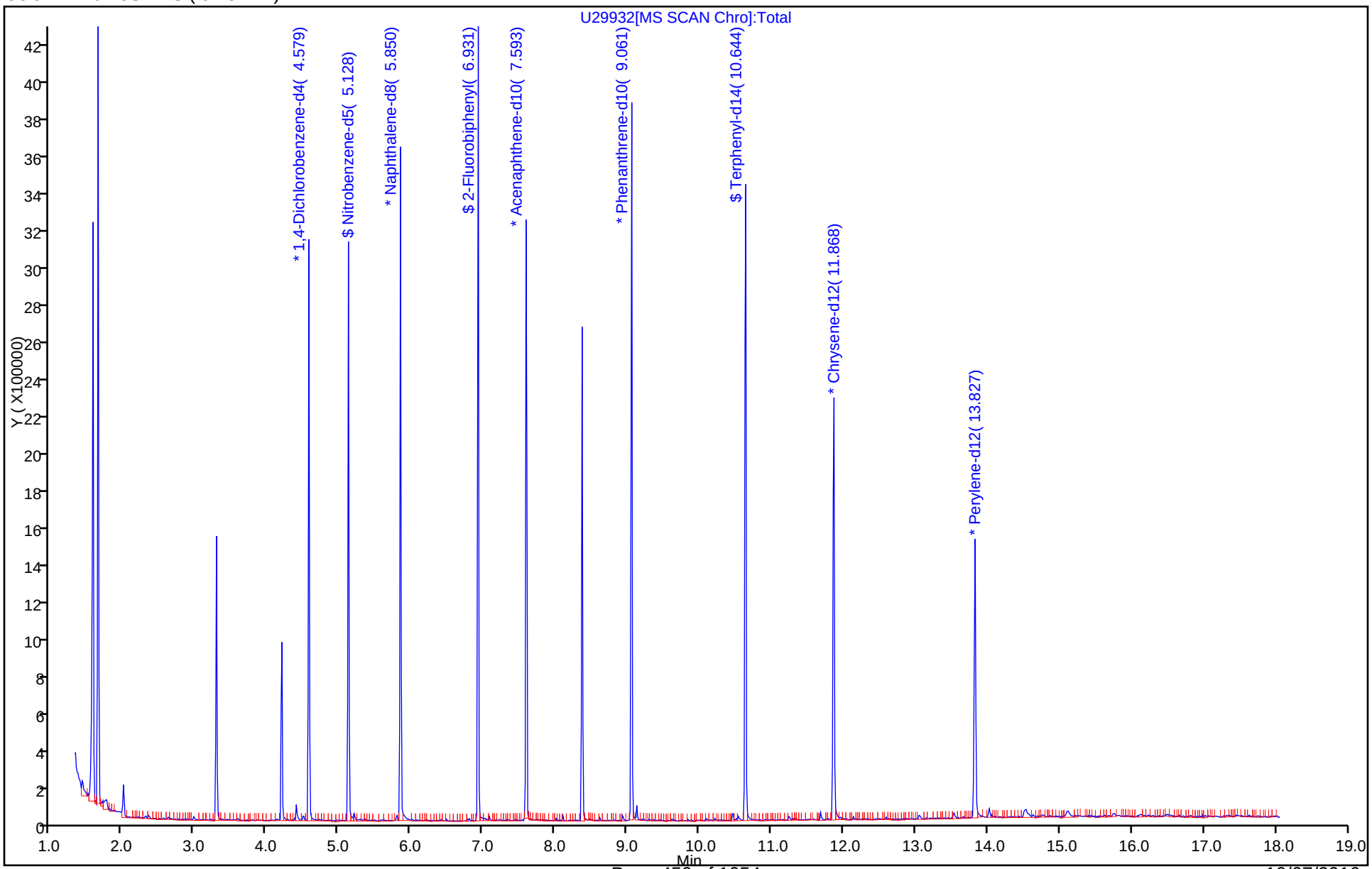
Report Date: 05-Oct-2016 14:16:57 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29932.D

Injection Date:	04-Oct-2016 08:10:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121167-E-3-A	Lab Sample ID:	460-121167-3	Worklist Smp#:	42
Client ID:	MW-7D				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	42
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-13 | Lab Sample ID: 460-121167-4

Matrix: Water | Lab File ID: U29933.D

Analysis Method: 625 | Date Collected: 09/29/2016 11:10

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 239(mL) | Date Analyzed: 10/04/2016 08:32

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.13	U	1.0	0.13
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2
106-46-7	1,4-Dichlorobenzene	3.4	J	10	0.69
95-50-1	1,2-Dichlorobenzene	0.87	U	10	0.87
621-64-7	N-Nitrosodi-n-propylamine	0.87	U	1.0	0.87
67-72-1	Hexachloroethane	0.094	U	1.0	0.094
98-95-3	Nitrobenzene	0.51	U	1.0	0.51
78-59-1	Isophorone	0.70	U	10	0.70
111-91-1	Bis(2-chloroethoxy)methane	0.72	U	10	0.72
120-82-1	1,2,4-Trichlorobenzene	17		1.0	0.64
91-20-3	Naphthalene	0.84	U	10	0.84
106-47-8	4-Chloroaniline	0.76	U	10	0.76
87-68-3	Hexachlorobutadiene	0.79	U	1.0	0.79
91-57-6	2-Methylnaphthalene	0.92	U	10	0.92
77-47-4	Hexachlorocyclopentadiene	0.64	U	10	0.64
91-58-7	2-Chloronaphthalene	0.64	U	10	0.64
88-74-4	2-Nitroaniline	0.68	U	10	0.68
131-11-3	Dimethyl phthalate	1.0	U	10	1.0
208-96-8	Acenaphthylene	0.68	U	10	0.68
606-20-2	2,6-Dinitrotoluene	0.92	U	2.1	0.92
99-09-2	3-Nitroaniline	0.86	U	10	0.86
83-32-9	Acenaphthene	0.92	U	10	0.92
132-64-9	Dibenzofuran	0.89	U	10	0.89
121-14-2	2,4-Dinitrotoluene	1.1	U	2.1	1.1
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	1.0	U	10	1.0
86-73-7	Fluorene	0.84	U	10	0.84
100-01-6	4-Nitroaniline	0.50	U	10	0.50
86-30-6	N-Nitrosodiphenylamine	0.77	U	10	0.77
101-55-3	4-Bromophenyl phenyl ether	1.1	U	10	1.1
118-74-1	Hexachlorobenzene	0.49	U	1.0	0.49
85-01-8	Phenanthrene	0.68	U	10	0.68
120-12-7	Anthracene	0.60	U	10	0.60
86-74-8	Carbazole	0.89	U	10	0.89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-13 | Lab Sample ID: 460-121167-4

Matrix: Water | Lab File ID: U29933.D

Analysis Method: 625 | Date Collected: 09/29/2016 11:10

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 239(mL) | Date Analyzed: 10/04/2016 08:32

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.86	U	10	0.86
206-44-0	Fluoranthene	0.75	U	10	0.75
129-00-0	Pyrene	0.87	U	10	0.87
85-68-7	Butyl benzyl phthalate	0.63	U	10	0.63
91-94-1	3,3'-Dichlorobenzidine	1.1	U	10	1.1
56-55-3	Benzo[a]anthracene	0.58	U	1.0	0.58
218-01-9	Chrysene	0.70	U	2.1	0.70
117-81-7	Bis(2-ethylhexyl) phthalate	0.75	U	2.1	0.75
117-84-0	Di-n-octyl phthalate	0.72	U	10	0.72
205-99-2	Benzo[b]fluoranthene	0.46	U	1.0	0.46
207-08-9	Benzo[k]fluoranthene	0.19	U	1.0	0.19
50-32-8	Benzo[a]pyrene	0.17	U	1.0	0.17
193-39-5	Indeno[1,2,3-cd]pyrene	0.22	U	1.0	0.22
53-70-3	Dibenz(a,h)anthracene	0.094	U	1.0	0.094
191-24-2	Benzo[g,h,i]perylene	0.78	U	10	0.78
108-60-1	bis (2-chloroisopropyl) ether	0.97	U	10	0.97

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	79		49-125
1718-51-0	Terphenyl-d14	80		28-150
321-60-8	2-Fluorobiphenyl	76		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-13 | Lab Sample ID: 460-121167-4

Matrix: Water | Lab File ID: U29933.D

Analysis Method: 625 | Date Collected: 09/29/2016 11:10

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 239(mL) | Date Analyzed: 10/04/2016 08:32

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

Number TICs Found: 13 | TIC Result Total: 152.9

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	4.89	9.1	J N	95%
2142-73-6	Ethanone, 1-(2,5-dimethylphenyl)-	5.51	8.6	J N	94%
87-61-6	Benzene, 1,2,3-trichloro-	6.01	9.7	J N	93%
	Unknown	6.12	8.1	J	
767-58-8	Indan, 1-methyl-	6.57	12	J N	81%
	Unknown	6.71	25	J	
768-49-0	Benzene, (2-methyl-1-propenyl)-	6.89	24	J N	81%
	Unknown	7.02	11	J	
35587-60-1	1-Methylindan-2-one	7.09	8.2	J N	89%
	Unknown	7.18	7.6	J	
16605-91-7	1,1'-Biphenyl, 2,3-dichloro-	8.25	10	J N	98%
2235-15-6	1(2H)-Acenaphthylenone	8.49	12	J N	94%
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	9.00	7.6	J N	96%

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29933.D
Lims ID: 460-121167-D-4-A
Client ID: MW-13
Sample Type: Client
Inject. Date: 04-Oct-2016 08:32:30 ALS Bottle#: 43 Worklist Smp#: 43
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-043
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 14:37:37

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.578	4.592	-0.014	85	315310	8.00	
15 1,4-Dichlorobenzene	146	4.601	4.613	-0.012	86	23655	0.4053	
$ 28 Nitrobenzene-d5	82	5.127	5.153	-0.026	86	1129833	7.91	
37 1,2,4-Trichlorobenzene	180	5.792	5.820	-0.028	84	105819	2.07	
* 38 Naphthalene-d8	136	5.850	5.861	-0.011	94	1053238	8.00	
$ 52 2-Fluorobiphenyl	172	6.929	6.953	-0.024	94	849739	7.57	
* 64 Acenaphthene-d10	164	7.604	7.609	-0.005	93	578800	8.00	
* 87 Phenanthrene-d10	188	9.065	9.080	-0.015	98	898570	8.00	
$ 96 Terphenyl-d14	244	10.645	10.666	-0.021	98	863075	7.98	
* 102 Chrysene-d12	240	11.861	11.885	-0.024	98	702914	8.00	
* 109 Perylene-d12	264	13.827	13.843	-0.016	99	688000	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29933.D
Lims ID: 460-121167-D-4-A
Client ID: MW-13
Sample Type: Client
Inject. Date: 04-Oct-2016 08:32:30 ALS Bottle#: 43 Worklist Smp#: 43
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-043
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 14:37:37

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
933-98-2	Benzene, 1-ethyl-2,3-dimethyl-							
4.893	423620	1.08	14	95	14369	C10H14	134	
2142-73-6	Ethanone, 1-(2,5-dimethylphenyl)-							
5.511	416433	1.03	38	94	21719	C10H12O	148	
87-61-6	Benzene, 1,2,3-trichloro-							
6.014	472069	1.16	38	93	42940	C6H3Cl3	180	
	Unknown							
6.118	390490	0.9625	38					
767-58-8	Indan, 1-methyl-							
6.569	572538	1.41	38	81	13566	C10H12	132	
	Unknown							
6.709	1229235	3.03	38					
768-49-0	Benzene, (2-methyl-1-propenyl)-							
6.894	1190416	2.91	64	81	13598	C10H12	132	
	Unknown							
7.021	528114	1.29	64					
35587-60-1	1-Methylindan-2-one							
7.090	401843	0.9830	64	89	20631	C10H10O	146	
	Unknown							
7.184	370544	0.9064	64					
16605-91-7	1,1'-Biphenyl, 2,3-dichloro-							
8.247	487989	1.19	64	98	70592	C12H8Cl2	222	
2235-15-6	1(2H)-Acenaphthylenone							
8.493	577260	1.41	64	94	34859	C12H8O	168	

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-						
8.998	369159	0.9030	64	96	91793	C12H7Cl3	256	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.578	3123633	8.00
* 38 Naphthalene-d8	5.850	3245756	8.00
* 64 Acenaphthene-d10	7.604	3270356	8.00

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

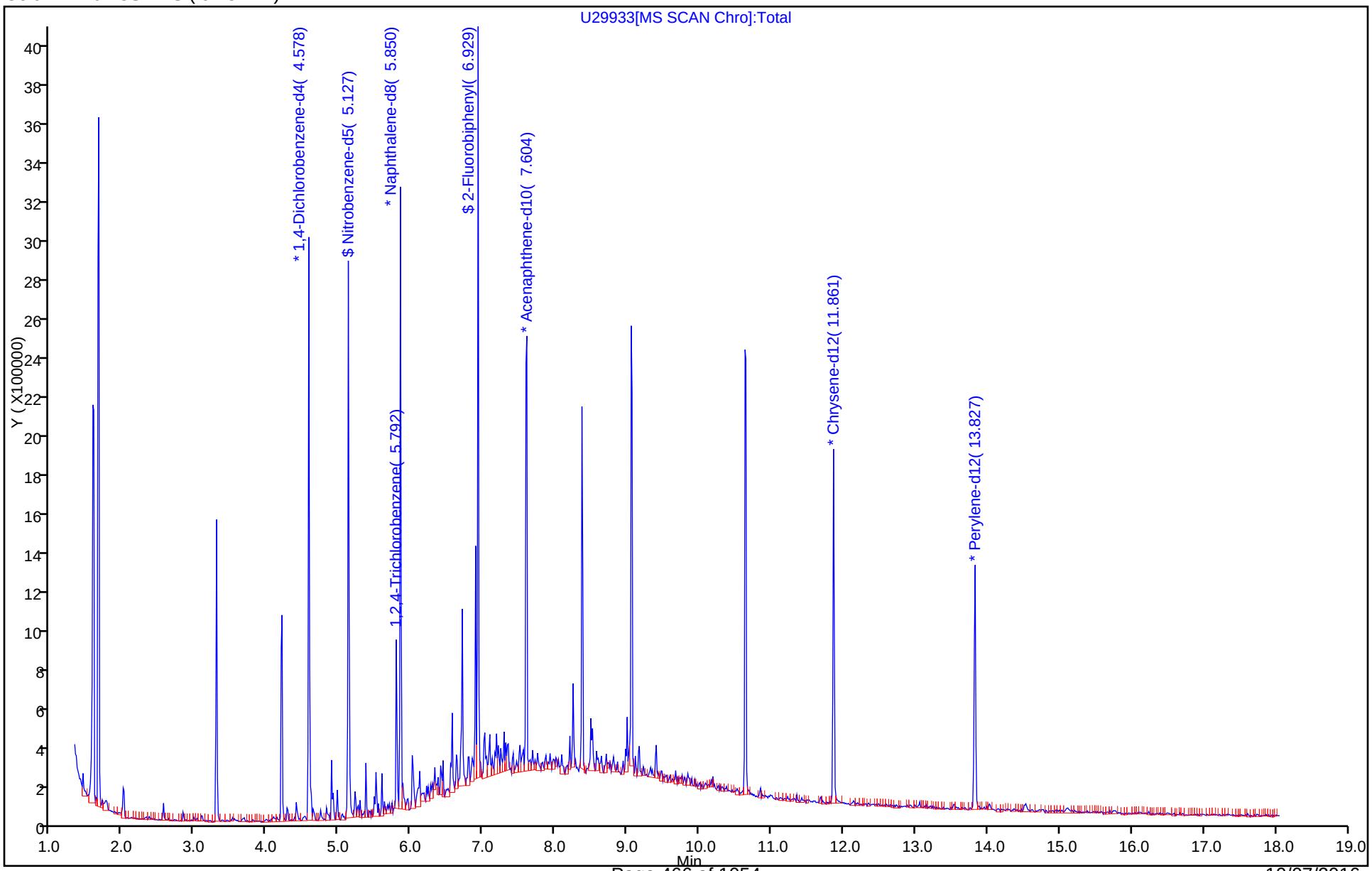
Report Date: 05-Oct-2016 14:17:02 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29933.D

Injection Date:	04-Oct-2016 08:32:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121167-D-4-A	Lab Sample ID:	460-121167-4	Worklist Smp#:	43
Client ID:	MW-13				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	43
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 05-Oct-2016 14:17:02 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

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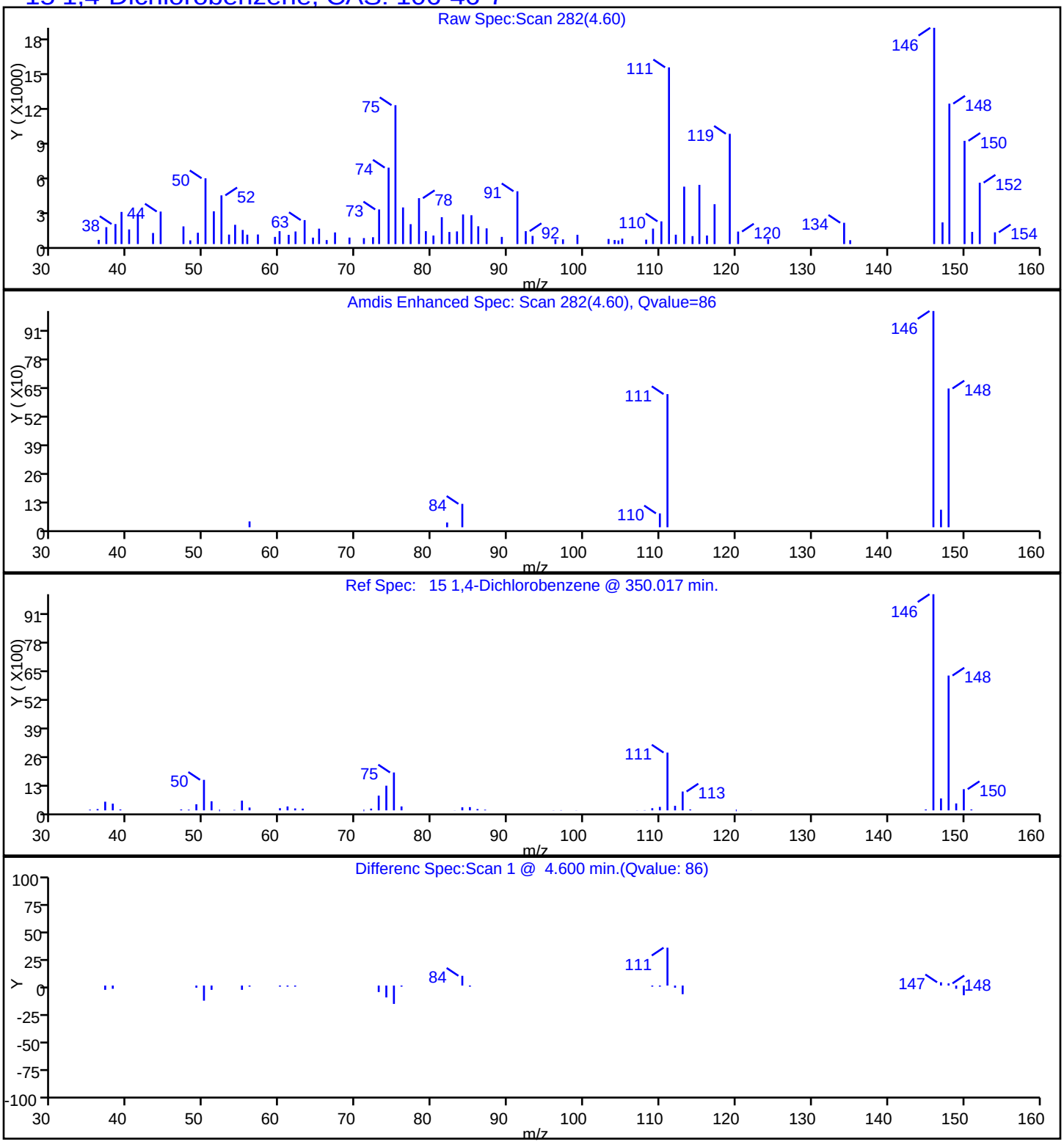
Injection Date:	04-Oct-2016 08:32:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-D-4-A	Lab Sample ID:	460-121167-4		
Client ID:	MW-13				
Operator ID:		ALS Bottle#:	43	Worklist Smp#:	43
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

15 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

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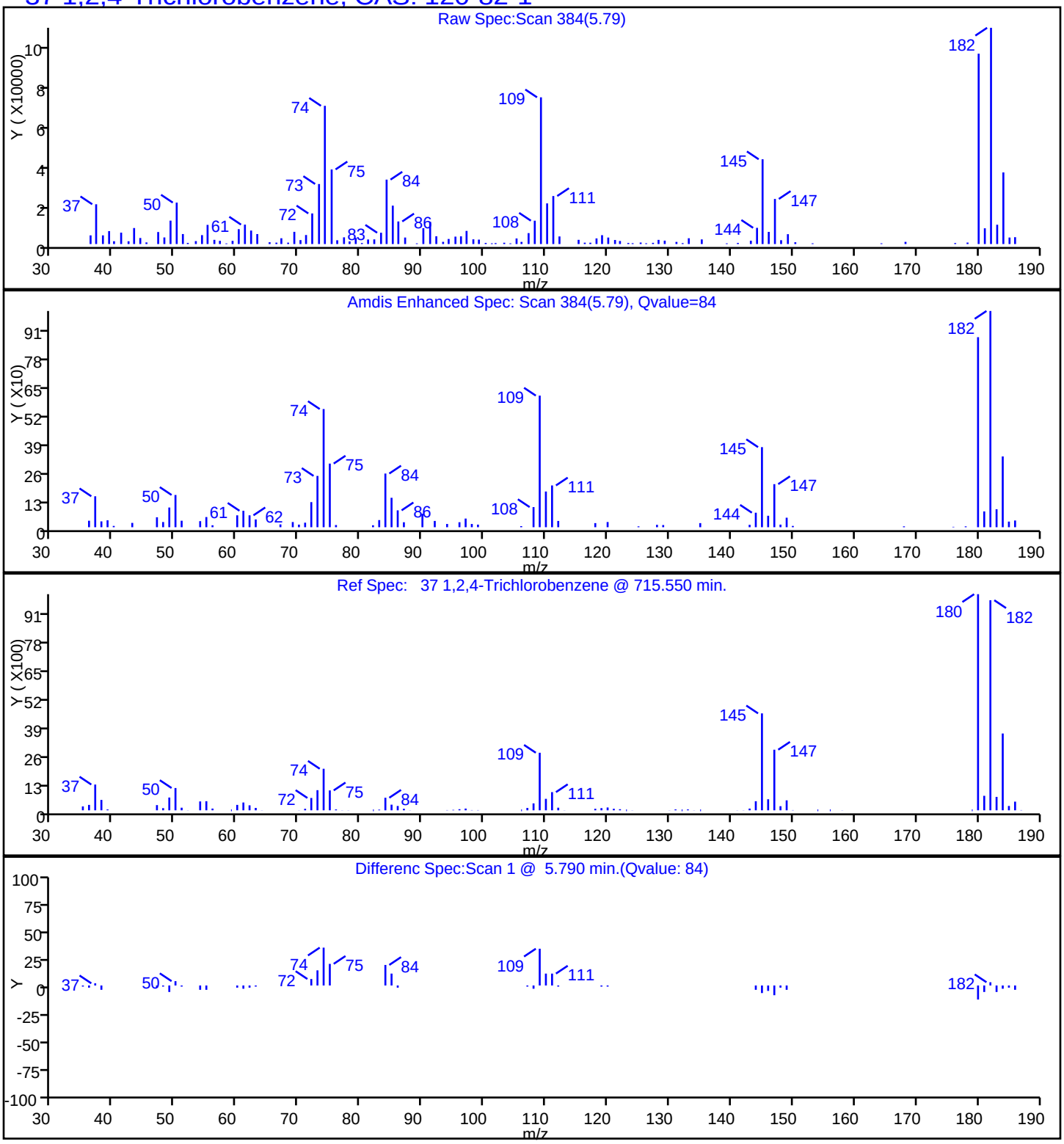
Lims ID:	460-121167-D-4-A	Lab Sample ID:	460-121167-4		
Client ID:	MW-13				
Operator ID:		ALS Bottle#:	43	Worklist Smp#:	43
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

37 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

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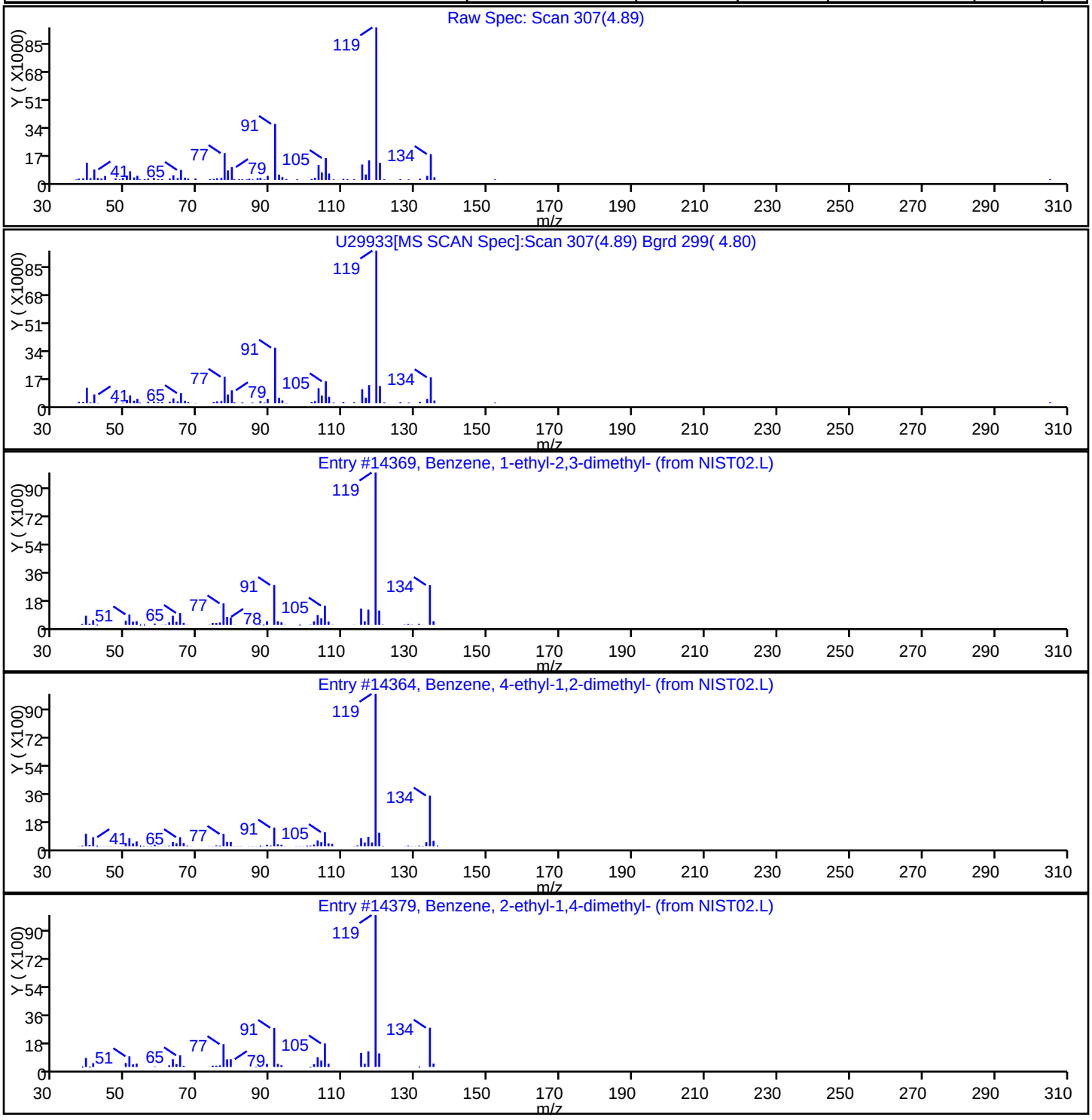
Injection Date: 04-Oct-2016 08:32:30 Instrument ID: CBNAMS4
Lims ID: 460-121167-D-4-A Lab Sample ID: 460-121167-4
Client ID: MW-13
Operator ID: ALS Bottle#: 43 Worklist Smp#: 43
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R4 Limit Group: SV 625 ICAL
Column: Detector MS SCAN

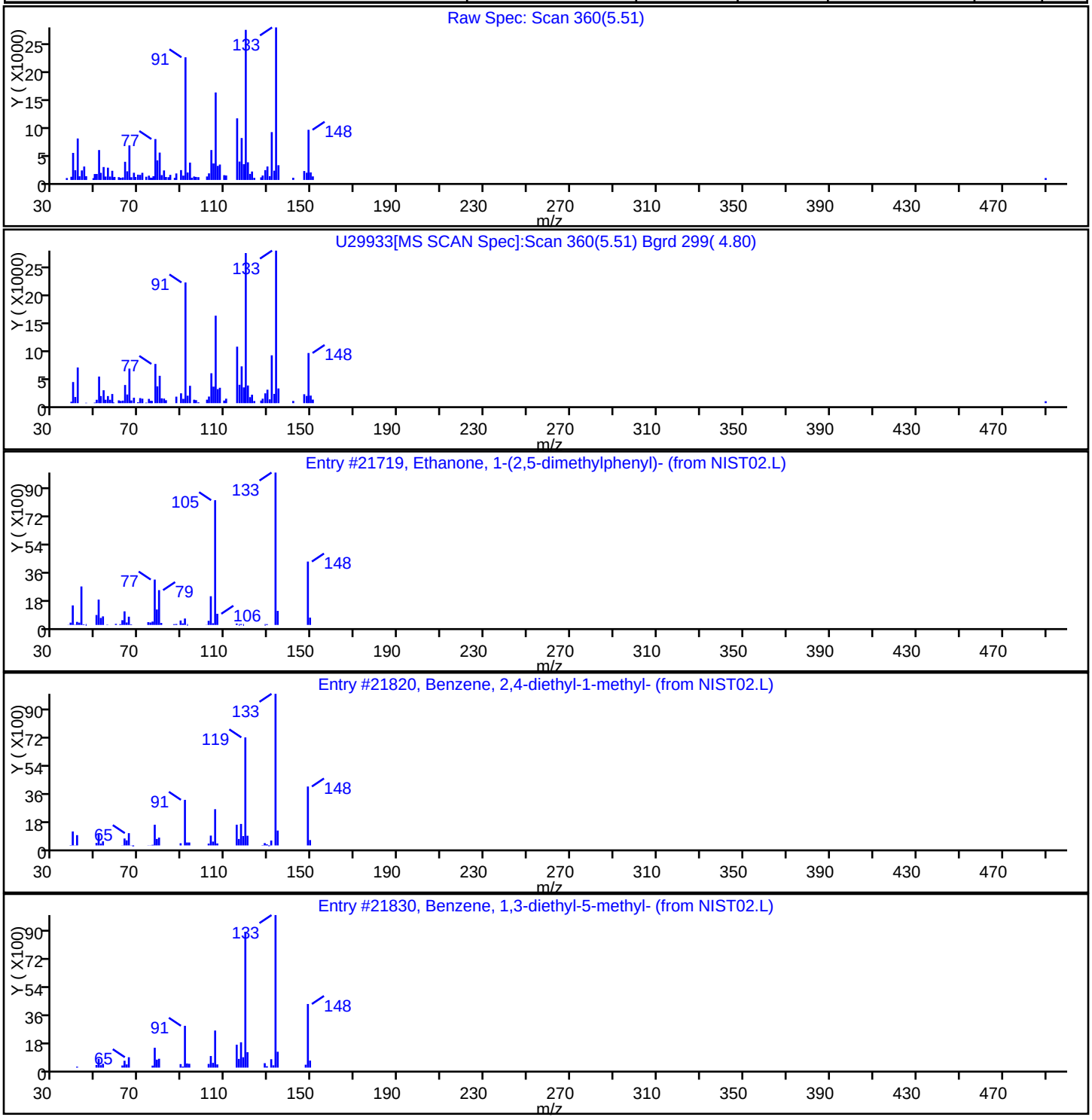
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.L	14369	C10H14	134	95
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.L	14364	C10H14	134	94
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.L	14379	C10H14	134	94



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29933.D
Injection Date: 04-Oct-2016 08:32:30 Instrument ID: CBNAMS4
Lims ID: 460-121167-D-4-A Lab Sample ID: 460-121167-4
Client ID: MW-13
Operator ID: ALS Bottle#: 43 Worklist Smp#: 43
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R4 Limit Group: SV 625 ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Ethanone, 1-(2,5-dimethylphenyl)-	2142-73-6	NIST02.L	21719	C10H12O	148	94
Benzene, 2,4-diethyl-1-methyl-	1758-85-6	NIST02.L	21820	C11H16	148	93
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.L	21830	C11H16	148	90



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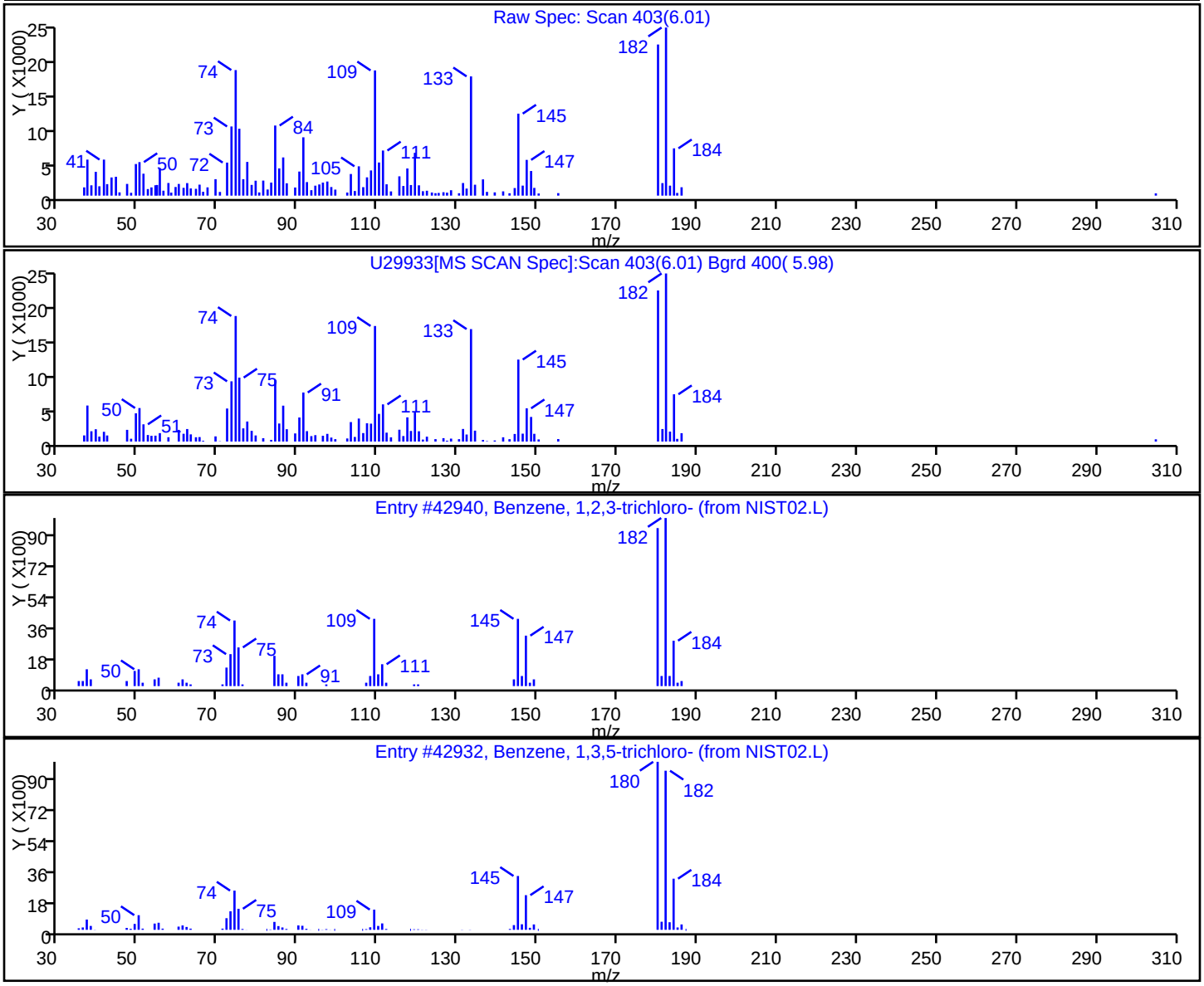
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29933.D

Injection Date:	04-Oct-2016 08:32:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-D-4-A	Lab Sample ID:	460-121167-4		
Client ID:	MW-13				
Operator ID:		ALS Bottle#:	43	Worklist Smp#:	43
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,3-trichloro-	87-61-6	NIST02.L	42940	C6H3Cl3	180	93
Benzene, 1,3,5-trichloro-	108-70-3	NIST02.L	42932	C6H3Cl3	180	83



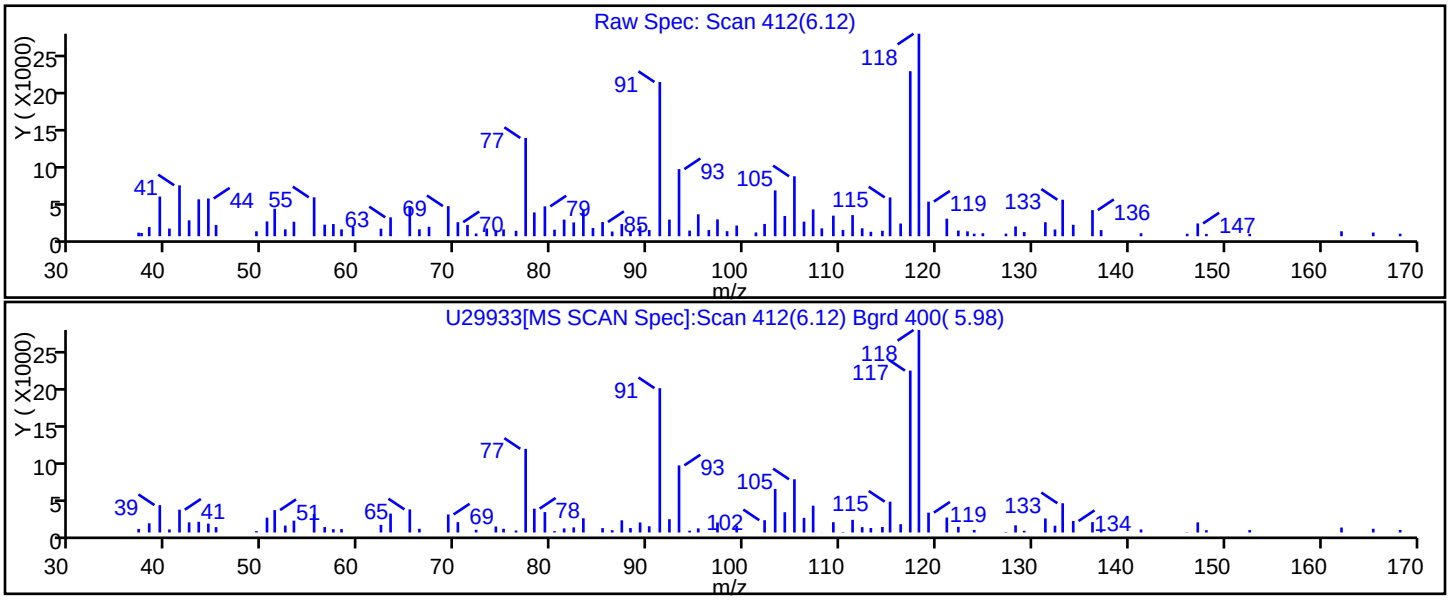
Report Date: 05-Oct-2016 14:17:03 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29933.D

Injection Date:	04-Oct-2016 08:32:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-D-4-A	Lab Sample ID:	460-121167-4		
Client ID:	MW-13				
Operator ID:		ALS Bottle#:	43	Worklist Smp#:	43
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



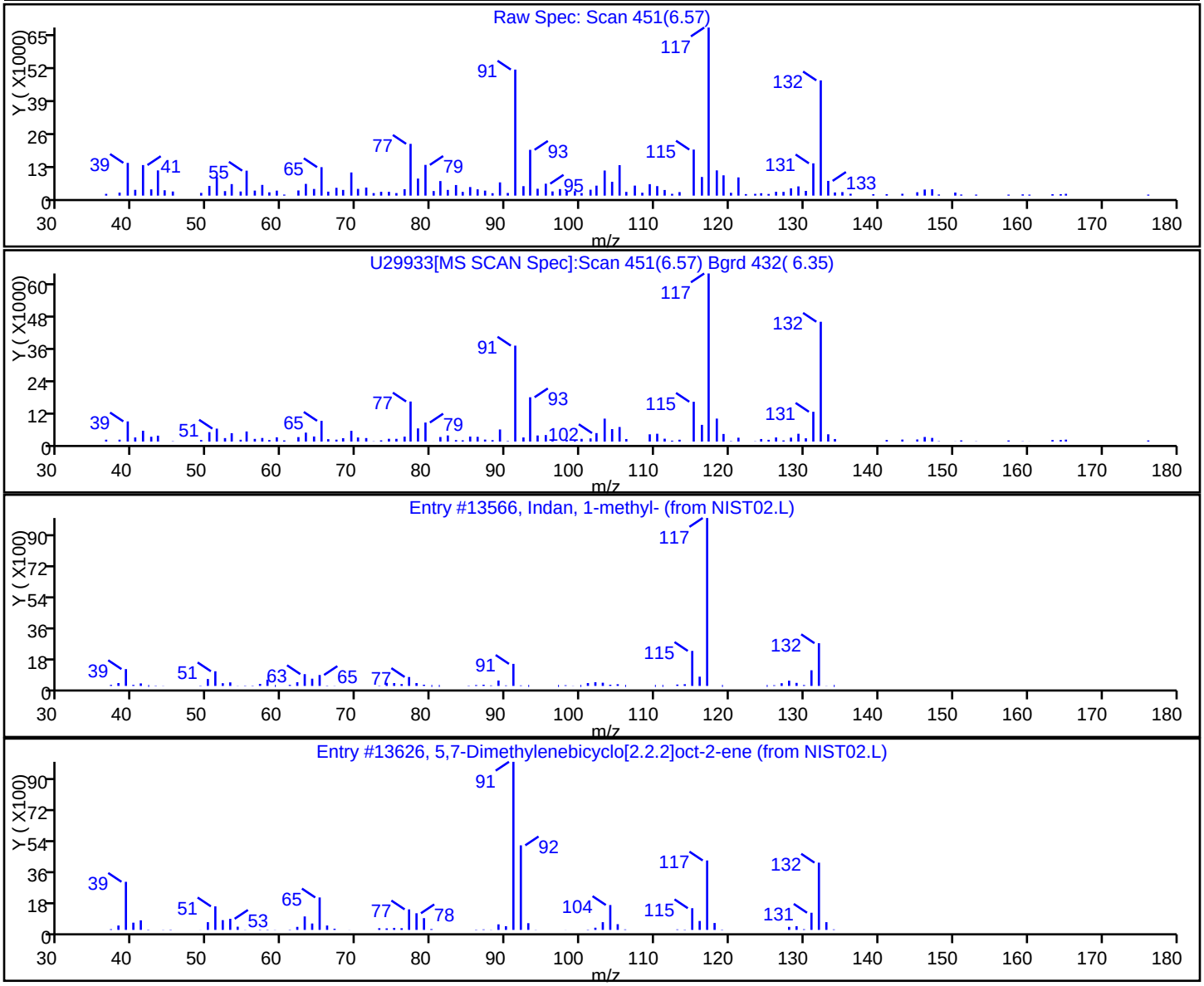
Report Date: 05-Oct-2016 14:17:03 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29933.D

Injection Date:	04-Oct-2016 08:32:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-D-4-A	Lab Sample ID:	460-121167-4		
Client ID:	MW-13				
Operator ID:		ALS Bottle#:	43	Worklist Smp#:	43
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Indan, 1-methyl-	767-58-8	NIST02.L	13566	C10H12	132	81
5,7-Dimethylenebicyclo[2.2.2]oct-2-ene	1000210-36-6	NIST02.L	13626	C10H12	132	80



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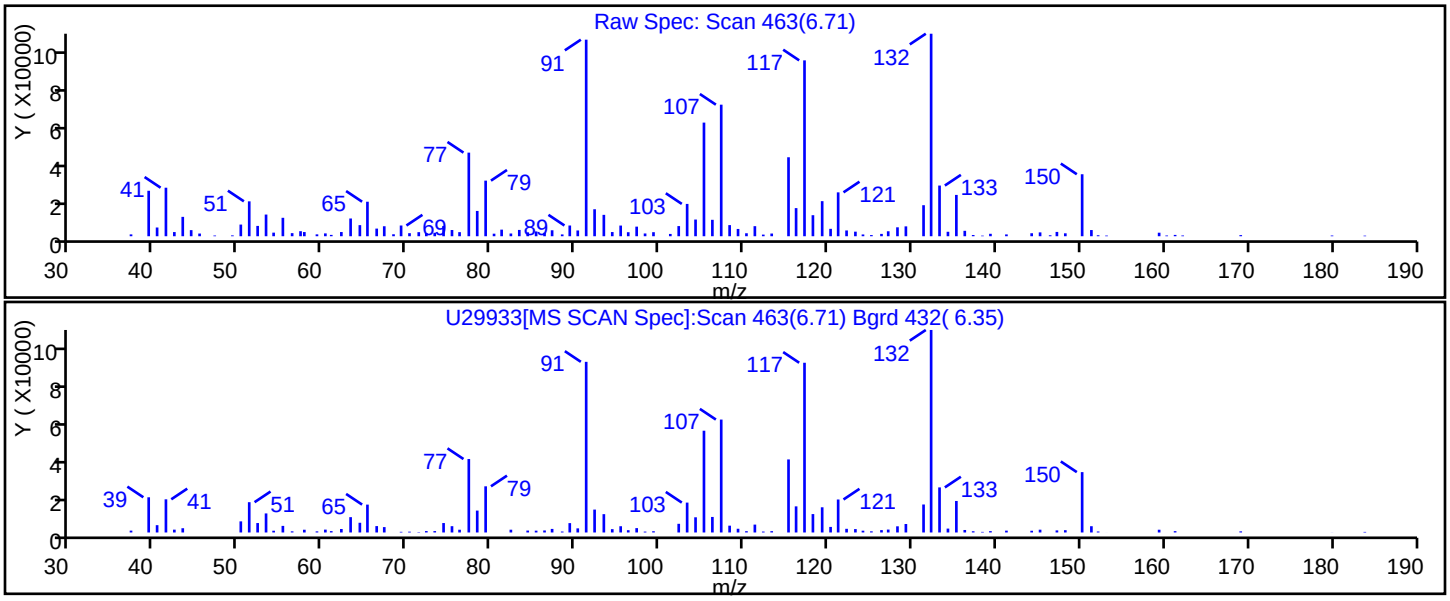
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29933.D				
Injection Date:	04-Oct-2016 08:32:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-D-4-A	Lab Sample ID:	460-121167-4		
Client ID:	MW-13				
Operator ID:		ALS Bottle#:	43	Worklist Smp#:	43
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

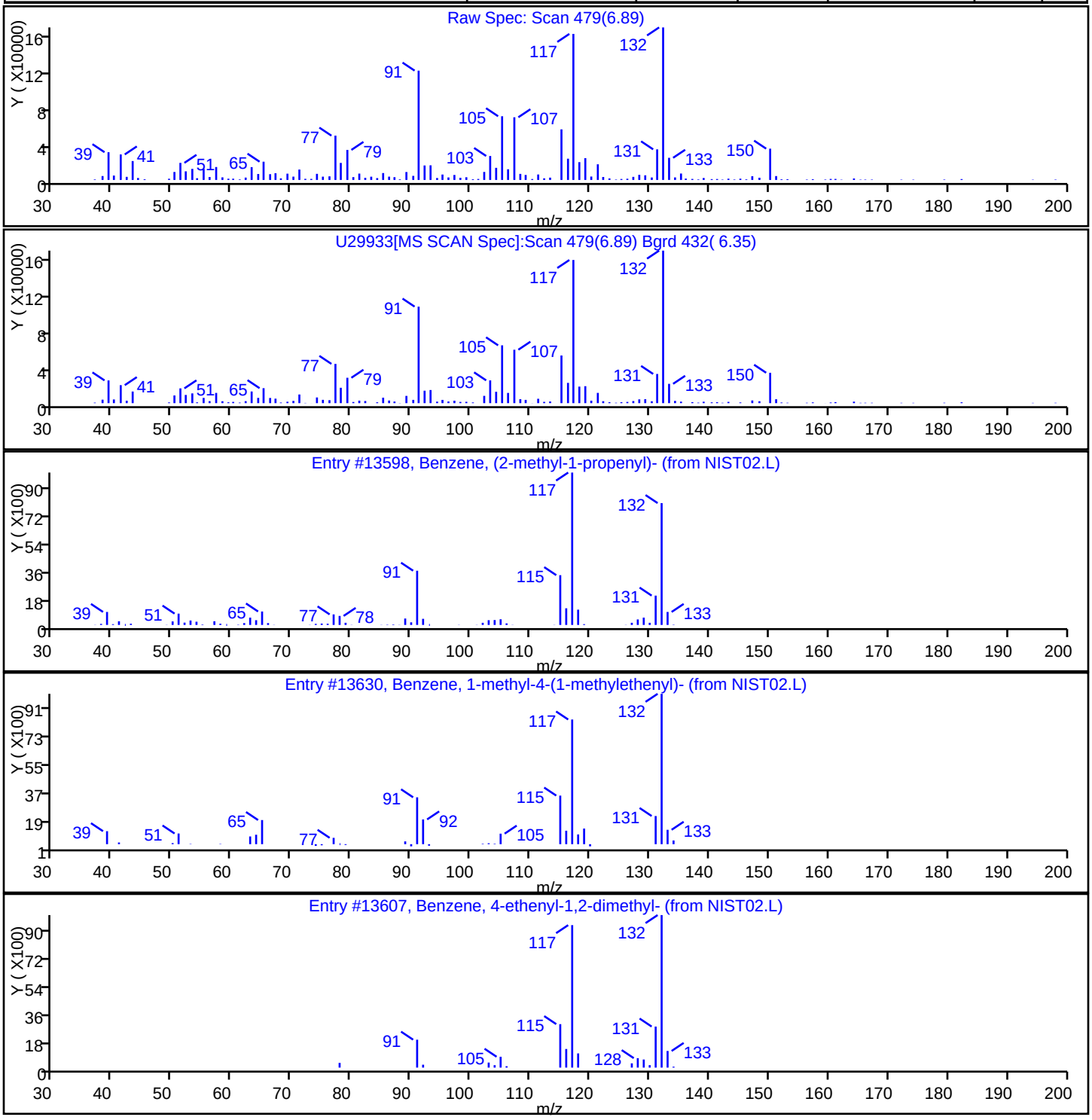
No Library Matches Found above the Threshold: 80



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29933.D
Injection Date: 04-Oct-2016 08:32:30 Instrument ID: CBNAMS4
Lims ID: 460-121167-D-4-A Lab Sample ID: 460-121167-4
Client ID: MW-13
Operator ID: ALS Bottle#: 43 Worklist Smp#: 43
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R4 Limit Group: SV 625 ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, (2-methyl-1-propenyl)-	768-49-0	NIST02.L	13598	C10H12	132	81
Benzene, 1-methyl-4-(1-methylethenyl)-	1195-32-0	NIST02.L	13630	C10H12	132	81
Benzene, 4-ethenyl-1,2-dimethyl-	27831-13-6	NIST02.L	13607	C10H12	132	81



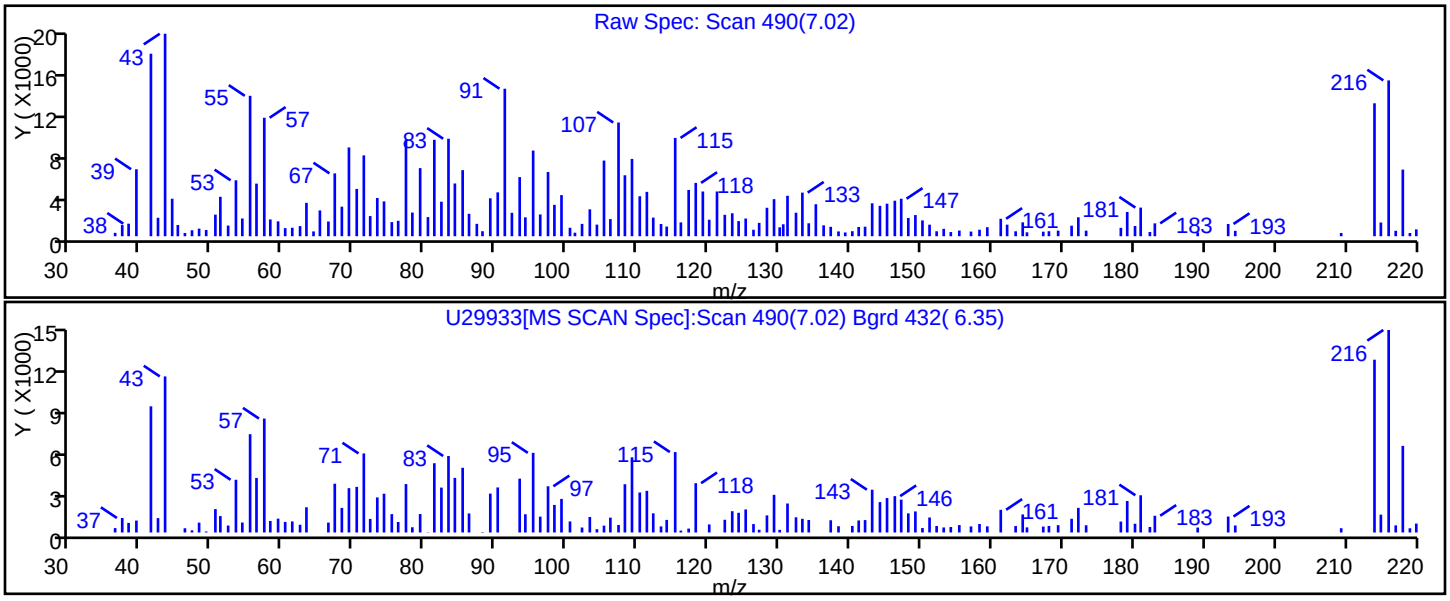
Report Date: 05-Oct-2016 14:17:03 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29933.D

Injection Date:	04-Oct-2016 08:32:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-D-4-A	Lab Sample ID:	460-121167-4		
Client ID:	MW-13				
Operator ID:		ALS Bottle#:	43	Worklist Smp#:	43
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

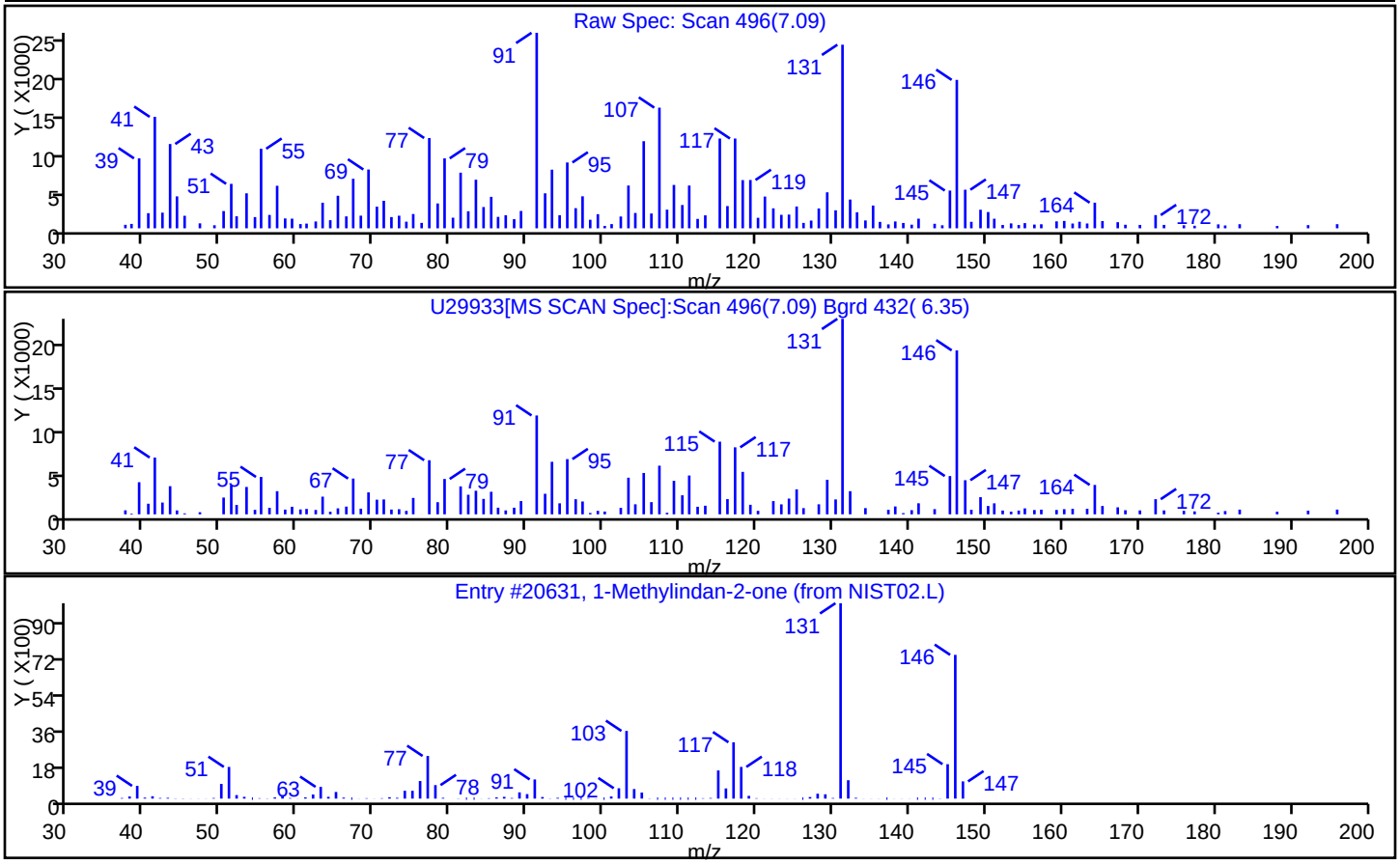


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29933.D

Injection Date:	04-Oct-2016 08:32:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-D-4-A	Lab Sample ID:	460-121167-4		
Client ID:	MW-13				
Operator ID:		ALS Bottle#:	43	Worklist Smp#:	43
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Methylindan-2-one	35587-60-1	NIST02.L	20631	C10H10O	146	89



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TestAmerica Edison

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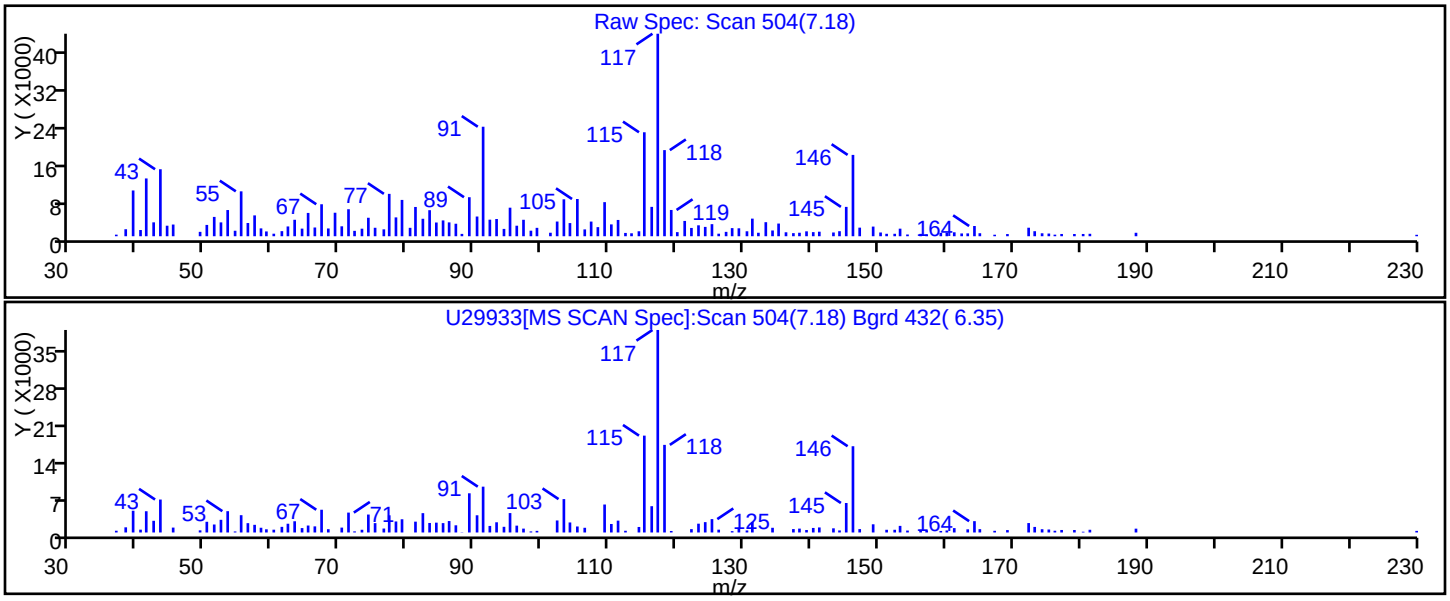
Lims ID:	460-121167-D-4-A	Lab Sample ID:	460-121167-4		
Client ID:	MW-13				
Operator ID:		ALS Bottle#:	43	Worklist Smp#:	43
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



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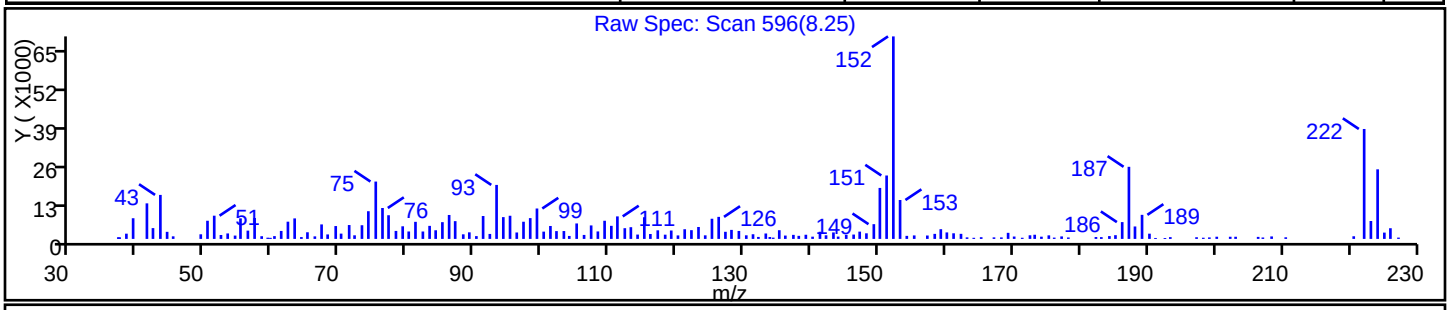
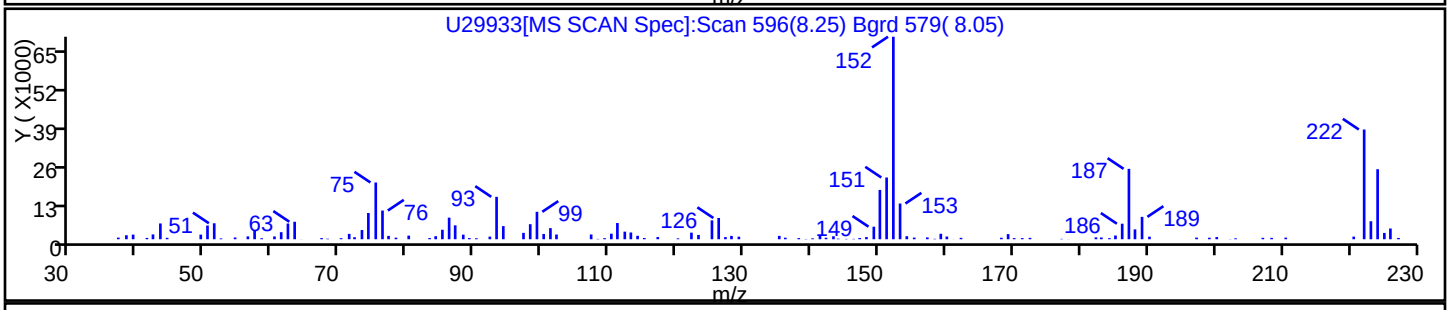
TestAmerica Edison

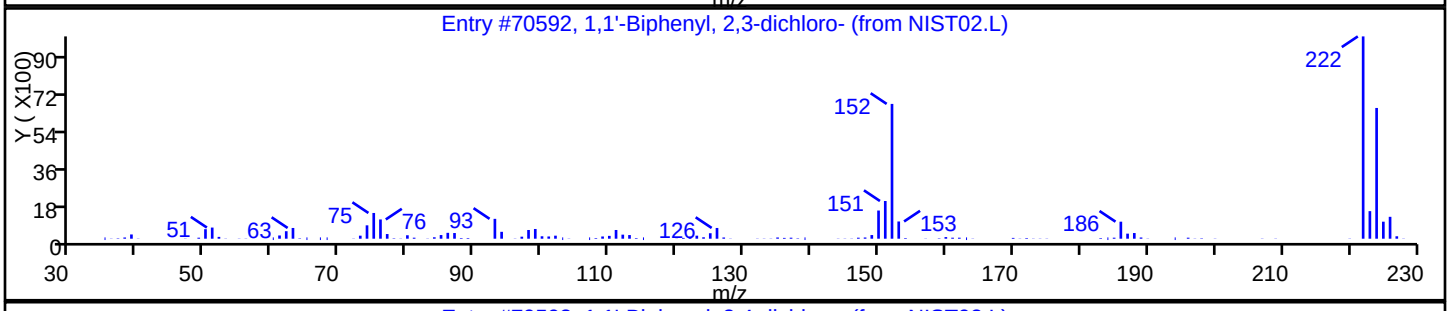
Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29933.D

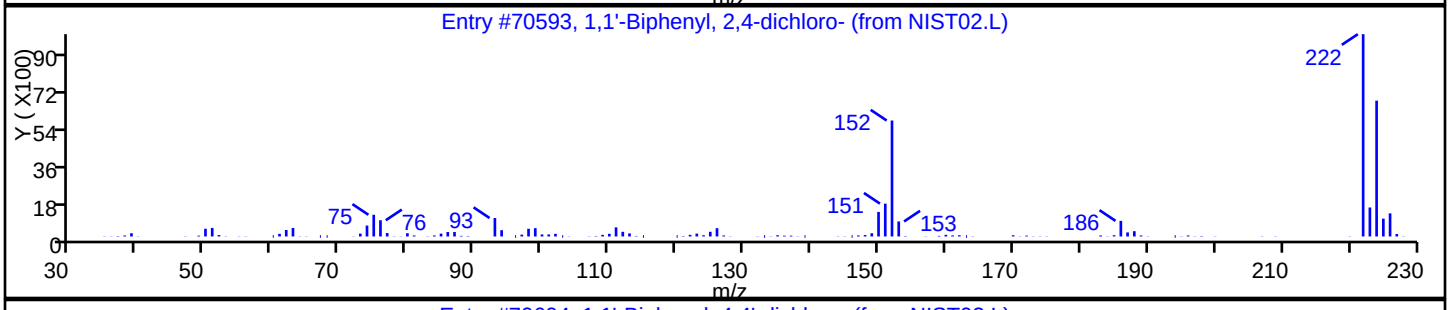
Injection Date:	04-Oct-2016 08:32:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-D-4-A	Lab Sample ID:	460-121167-4		
Client ID:	MW-13				
Operator ID:		ALS Bottle#:	43	Worklist Smp#:	43
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

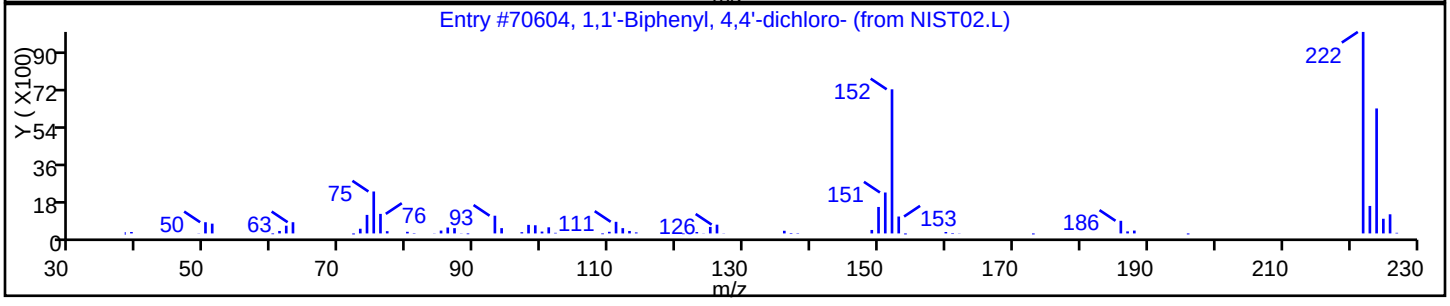
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.L	70592	C12H8Cl2	222	98
1,1'-Biphenyl, 2,4-dichloro-	33284-50-3	NIST02.L	70593	C12H8Cl2	222	96
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.L	70604	C12H8Cl2	222	95









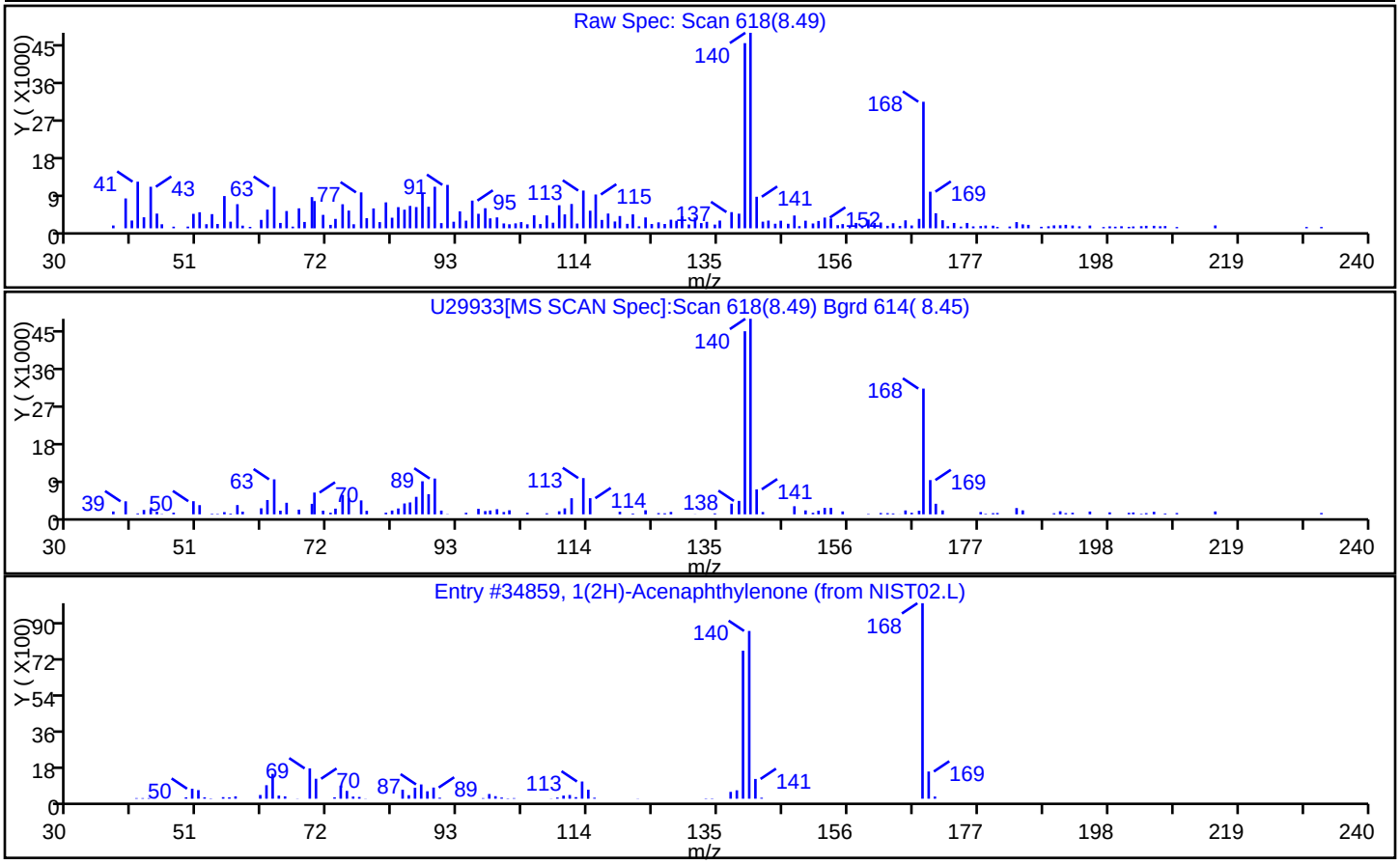


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29933.D

Injection Date:	04-Oct-2016 08:32:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-D-4-A	Lab Sample ID:	460-121167-4		
Client ID:	MW-13				
Operator ID:		ALS Bottle#:	43	Worklist Smp#:	43
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1(2H)-Acenaphthylenone	2235-15-6	NIST02.L	34859	C12H8O	168	94



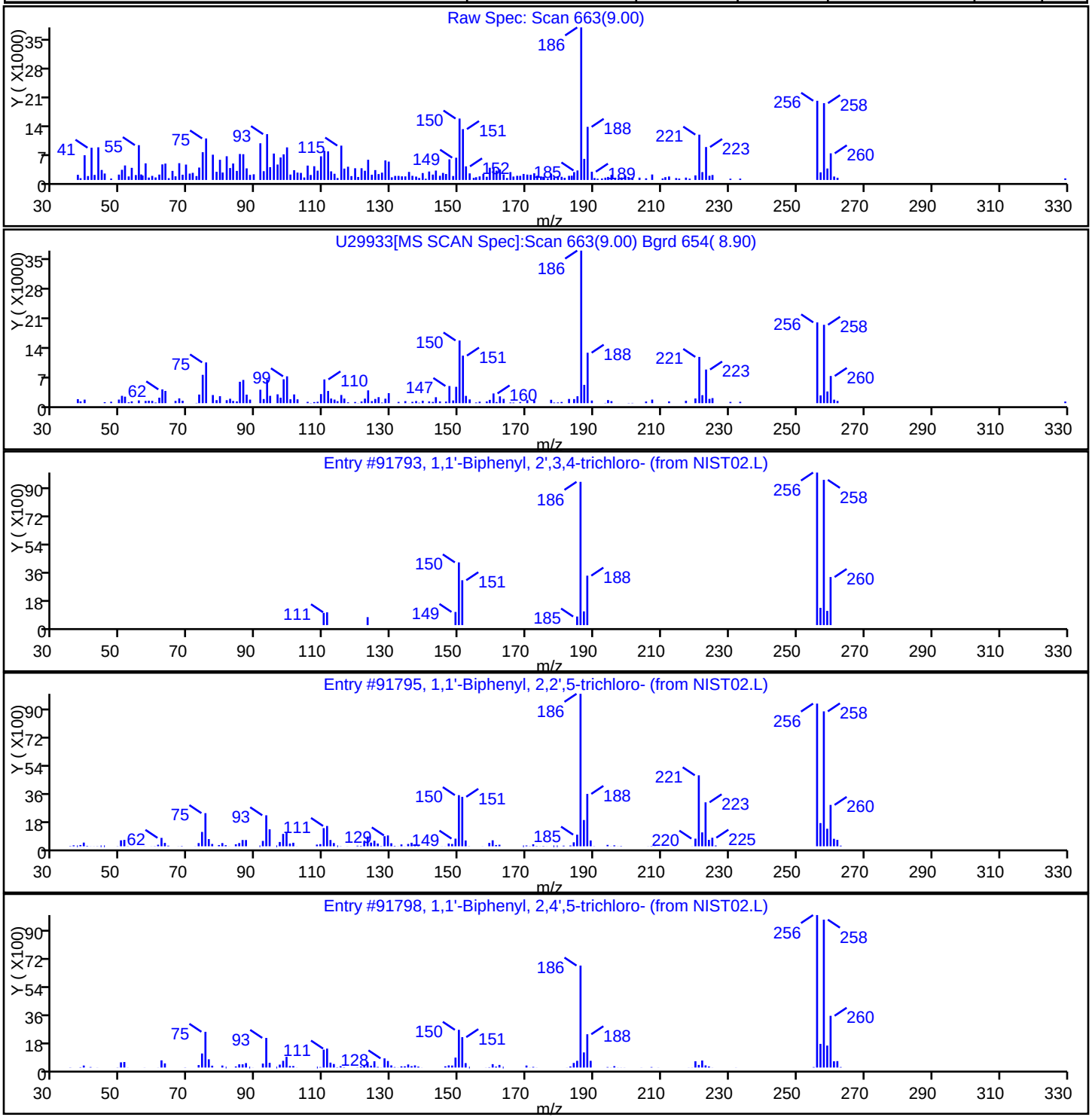
Report Date: 05-Oct-2016 14:17:03 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29933.D

Injection Date:	04-Oct-2016 08:32:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-D-4-A	Lab Sample ID:	460-121167-4		
Client ID:	MW-13				
Operator ID:		ALS Bottle#:	43	Worklist Smp#:	43
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	96
1,1'-Biphenyl, 2,2',5-trichloro-	37680-65-2	NIST02.L	91795	C12H7Cl3	256	90
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91798	C12H7Cl3	256	89



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-8D | Lab Sample ID: 460-121167-5

Matrix: Water | Lab File ID: U29934.D

Analysis Method: 625 | Date Collected: 09/29/2016 12:35

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 08:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.12	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.1	U	10	1.1
106-46-7	1,4-Dichlorobenzene	0.66	U	10	0.66
95-50-1	1,2-Dichlorobenzene	0.83	U	10	0.83
621-64-7	N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83
67-72-1	Hexachloroethane	0.090	U	1.0	0.090
98-95-3	Nitrobenzene	0.49	U	1.0	0.49
78-59-1	Isophorone	0.67	U	10	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.69	U	10	0.69
120-82-1	1,2,4-Trichlorobenzene	0.61	U	1.0	0.61
91-20-3	Naphthalene	0.80	U	10	0.80
106-47-8	4-Chloroaniline	0.73	U	10	0.73
87-68-3	Hexachlorobutadiene	0.76	U	1.0	0.76
91-57-6	2-Methylnaphthalene	0.88	U	10	0.88
77-47-4	Hexachlorocyclopentadiene	0.61	U	10	0.61
91-58-7	2-Chloronaphthalene	0.61	U	10	0.61
88-74-4	2-Nitroaniline	0.65	U	10	0.65
131-11-3	Dimethyl phthalate	0.98	U	10	0.98
208-96-8	Acenaphthylene	0.65	U	10	0.65
606-20-2	2,6-Dinitrotoluene	0.88	U	2.0	0.88
99-09-2	3-Nitroaniline	0.82	U	10	0.82
83-32-9	Acenaphthene	0.88	U	10	0.88
132-64-9	Dibenzofuran	0.85	U	10	0.85
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	0.96	U	10	0.96
86-73-7	Fluorene	0.80	U	10	0.80
100-01-6	4-Nitroaniline	0.48	U	10	0.48
86-30-6	N-Nitrosodiphenylamine	0.74	U	10	0.74
101-55-3	4-Bromophenyl phenyl ether	1.0	U	10	1.0
118-74-1	Hexachlorobenzene	0.47	U	1.0	0.47
85-01-8	Phenanthrene	0.65	U	10	0.65
120-12-7	Anthracene	0.57	U	10	0.57
86-74-8	Carbazole	0.85	U	10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-8D | Lab Sample ID: 460-121167-5

Matrix: Water | Lab File ID: U29934.D

Analysis Method: 625 | Date Collected: 09/29/2016 12:35

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 08:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.82	U	10	0.82
206-44-0	Fluoranthene	0.72	U	10	0.72
129-00-0	Pyrene	0.83	U	10	0.83
85-68-7	Butyl benzyl phthalate	0.60	U	10	0.60
91-94-1	3,3'-Dichlorobenzidine	1.0	U	10	1.0
56-55-3	Benzo[a]anthracene	0.55	U	1.0	0.55
218-01-9	Chrysene	0.67	U	2.0	0.67
117-81-7	Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72
117-84-0	Di-n-octyl phthalate	0.69	U	10	0.69
205-99-2	Benzo[b]fluoranthene	0.44	U	1.0	0.44
207-08-9	Benzo[k]fluoranthene	0.18	U	1.0	0.18
50-32-8	Benzo[a]pyrene	0.16	U	1.0	0.16
193-39-5	Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21
53-70-3	Dibenz(a,h)anthracene	0.090	U	1.0	0.090
191-24-2	Benzo[g,h,i]perylene	0.75	U	10	0.75
108-60-1	bis (2-chloroisopropyl) ether	0.93	U	10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	67		49-125
1718-51-0	Terphenyl-d14	76		28-150
321-60-8	2-Fluorobiphenyl	73		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-8D | Lab Sample ID: 460-121167-5

Matrix: Water | Lab File ID: U29934.D

Analysis Method: 625 | Date Collected: 09/29/2016 12:35

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 08:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29934.D
Lims ID: 460-121167-G-5-A
Client ID: MW-8D
Sample Type: Client
Inject. Date: 04-Oct-2016 08:54:30 ALS Bottle#: 44 Worklist Smp#: 44
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-044
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 14:37:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.578	4.592	-0.014	86	303162	8.00	
$ 28 Nitrobenzene-d5	82	5.127	5.153	-0.026	86	1052147	6.72	
* 38 Naphthalene-d8	136	5.849	5.861	-0.012	95	1155031	8.00	
$ 52 2-Fluorobiphenyl	172	6.925	6.953	-0.028	94	1002833	7.26	
* 64 Acenaphthene-d10	164	7.601	7.609	-0.008	93	712781	8.00	
* 87 Phenanthrene-d10	188	9.058	9.080	-0.022	97	1158959	8.00	
$ 96 Terphenyl-d14	244	10.643	10.666	-0.023	99	1143426	7.59	
* 102 Chrysene-d12	240	11.867	11.885	-0.018	99	979077	8.00	
* 109 Perylene-d12	264	13.825	13.843	-0.018	99	799952	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

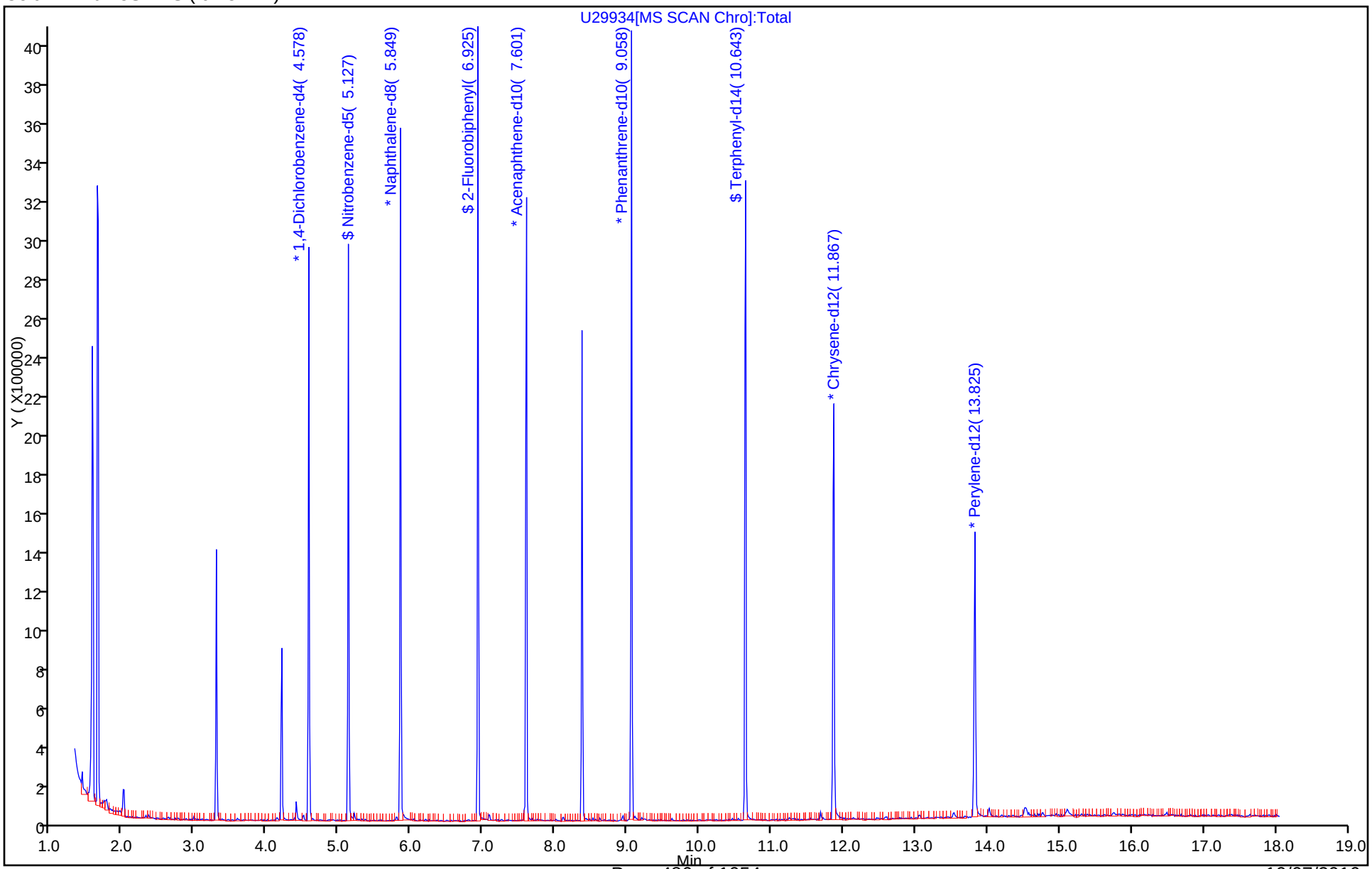
Report Date: 05-Oct-2016 14:17:05 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29934.D

Injection Date:	04-Oct-2016 08:54:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121167-G-5-A	Lab Sample ID:	460-121167-5	Worklist Smp#:	44
Client ID:	MW-8D				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	44
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-3 | Lab Sample ID: 460-121167-6

Matrix: Water | Lab File ID: U29935.D

Analysis Method: 625 | Date Collected: 09/29/2016 12:50

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 239(mL) | Date Analyzed: 10/04/2016 09:16

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.13	U	1.0	0.13
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2
106-46-7	1,4-Dichlorobenzene	0.69	U	10	0.69
95-50-1	1,2-Dichlorobenzene	0.87	U	10	0.87
621-64-7	N-Nitrosodi-n-propylamine	0.87	U	1.0	0.87
67-72-1	Hexachloroethane	0.094	U	1.0	0.094
98-95-3	Nitrobenzene	0.51	U	1.0	0.51
78-59-1	Isophorone	0.70	U	10	0.70
111-91-1	Bis(2-chloroethoxy)methane	0.72	U	10	0.72
120-82-1	1,2,4-Trichlorobenzene	0.64	U	1.0	0.64
91-20-3	Naphthalene	0.84	U	10	0.84
106-47-8	4-Chloroaniline	0.76	U	10	0.76
87-68-3	Hexachlorobutadiene	0.79	U	1.0	0.79
91-57-6	2-Methylnaphthalene	0.92	U	10	0.92
77-47-4	Hexachlorocyclopentadiene	0.64	U	10	0.64
91-58-7	2-Chloronaphthalene	0.64	U	10	0.64
88-74-4	2-Nitroaniline	0.68	U	10	0.68
131-11-3	Dimethyl phthalate	1.0	U	10	1.0
208-96-8	Acenaphthylene	0.68	U	10	0.68
606-20-2	2,6-Dinitrotoluene	0.92	U	2.1	0.92
99-09-2	3-Nitroaniline	0.86	U	10	0.86
83-32-9	Acenaphthene	0.92	U	10	0.92
132-64-9	Dibenzofuran	0.89	U	10	0.89
121-14-2	2,4-Dinitrotoluene	1.1	U	2.1	1.1
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	1.0	U	10	1.0
86-73-7	Fluorene	0.84	U	10	0.84
100-01-6	4-Nitroaniline	0.50	U	10	0.50
86-30-6	N-Nitrosodiphenylamine	0.77	U	10	0.77
101-55-3	4-Bromophenyl phenyl ether	1.1	U	10	1.1
118-74-1	Hexachlorobenzene	0.49	U	1.0	0.49
85-01-8	Phenanthrene	0.68	U	10	0.68
120-12-7	Anthracene	0.60	U	10	0.60
86-74-8	Carbazole	0.89	U	10	0.89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-3 | Lab Sample ID: 460-121167-6

Matrix: Water | Lab File ID: U29935.D

Analysis Method: 625 | Date Collected: 09/29/2016 12:50

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 239(mL) | Date Analyzed: 10/04/2016 09:16

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.86	U	10	0.86
206-44-0	Fluoranthene	0.75	U	10	0.75
129-00-0	Pyrene	0.87	U	10	0.87
85-68-7	Butyl benzyl phthalate	0.63	U	10	0.63
91-94-1	3,3'-Dichlorobenzidine	1.1	U	10	1.1
56-55-3	Benzo[a]anthracene	0.58	U	1.0	0.58
218-01-9	Chrysene	0.70	U	2.1	0.70
117-81-7	Bis(2-ethylhexyl) phthalate	0.75	U	2.1	0.75
117-84-0	Di-n-octyl phthalate	0.72	U	10	0.72
205-99-2	Benzo[b]fluoranthene	0.46	U	1.0	0.46
207-08-9	Benzo[k]fluoranthene	0.19	U	1.0	0.19
50-32-8	Benzo[a]pyrene	0.17	U	1.0	0.17
193-39-5	Indeno[1,2,3-cd]pyrene	0.22	U	1.0	0.22
53-70-3	Dibenz(a,h)anthracene	0.094	U	1.0	0.094
191-24-2	Benzo[g,h,i]perylene	0.78	U	10	0.78
108-60-1	bis (2-chloroisopropyl) ether	0.97	U	10	0.97

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	73		49-125
1718-51-0	Terphenyl-d14	80		28-150
321-60-8	2-Fluorobiphenyl	78		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-3 | Lab Sample ID: 460-121167-6

Matrix: Water | Lab File ID: U29935.D

Analysis Method: 625 | Date Collected: 09/29/2016 12:50

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 239(mL) | Date Analyzed: 10/04/2016 09:16

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29935.D
Lims ID: 460-121167-D-6-A
Client ID: MW-3
Sample Type: Client
Inject. Date: 04-Oct-2016 09:16:30 ALS Bottle#: 45 Worklist Smp#: 45
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-045
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 14:35:44

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.580	4.592	-0.012	86	303703	8.00	
$ 28 Nitrobenzene-d5	82	5.127	5.153	-0.026	86	1114624	7.29	
* 38 Naphthalene-d8	136	5.852	5.861	-0.009	95	1127993	8.00	
$ 52 2-Fluorobiphenyl	172	6.923	6.953	-0.030	96	984503	7.79	
* 64 Acenaphthene-d10	164	7.603	7.609	-0.006	93	651669	8.00	
* 87 Phenanthrene-d10	188	9.057	9.080	-0.023	96	1017817	8.00	
$ 96 Terphenyl-d14	244	10.634	10.666	-0.032	99	1026480	8.02	
* 102 Chrysene-d12	240	11.861	11.885	-0.024	98	831720	8.00	
* 109 Perylene-d12	264	13.829	13.843	-0.014	98	739795	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

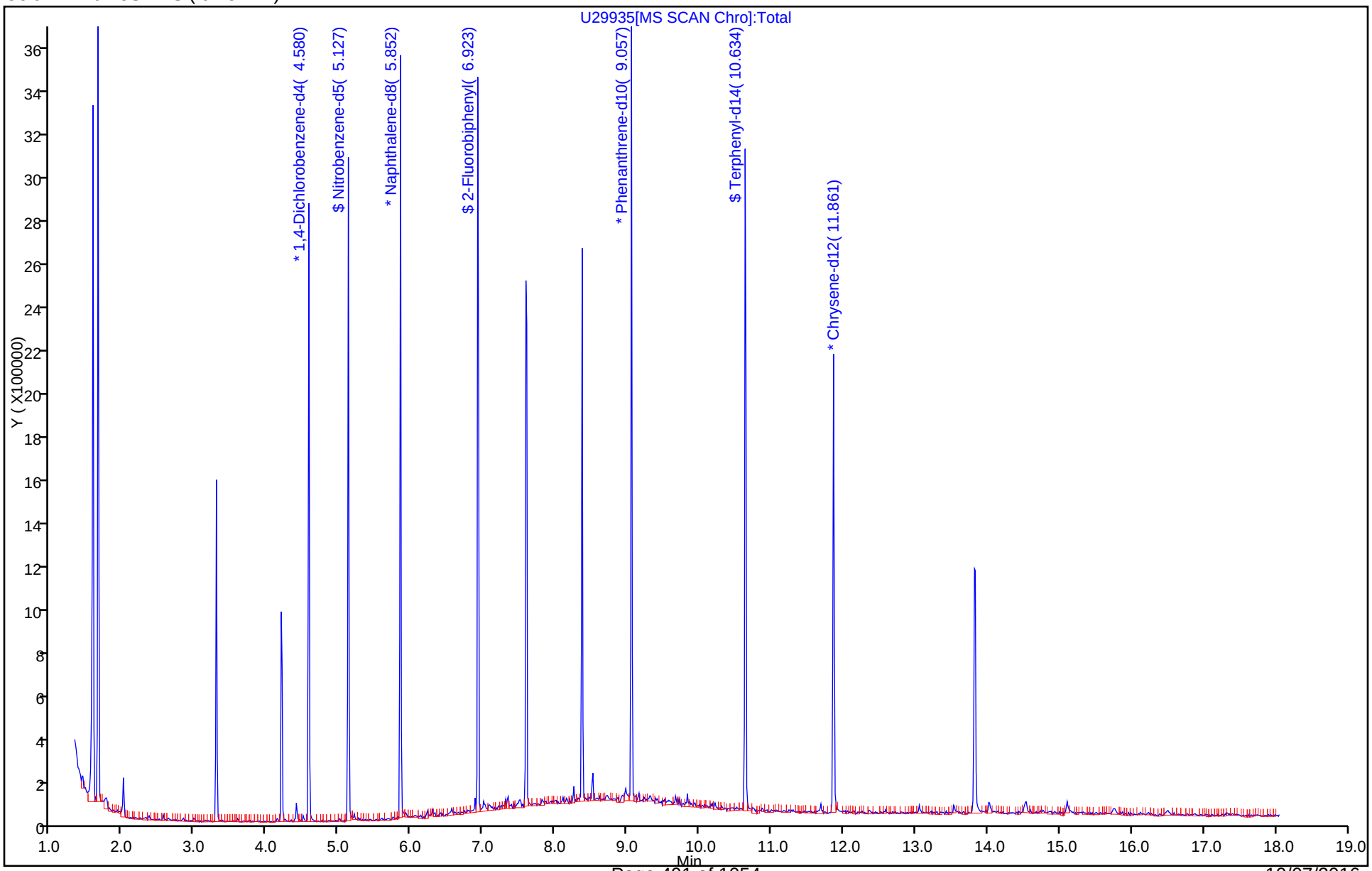
Report Date: 05-Oct-2016 14:17:08 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29935.D

Injection Date:	04-Oct-2016 09:16:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121167-D-6-A	Lab Sample ID:	460-121167-6	Worklist Smp#:	45
Client ID:	MW-3				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	45
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-3 Filtered | Lab Sample ID: 460-121167-7

Matrix: Water | Lab File ID: U29936.D

Analysis Method: 625 | Date Collected: 09/29/2016 13:00

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 240(mL) | Date Analyzed: 10/04/2016 09:38

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.13	U	1.0	0.13
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2
106-46-7	1,4-Dichlorobenzene	0.69	U	10	0.69
95-50-1	1,2-Dichlorobenzene	0.86	U	10	0.86
621-64-7	N-Nitrosodi-n-propylamine	0.86	U	1.0	0.86
67-72-1	Hexachloroethane	0.094	U	1.0	0.094
98-95-3	Nitrobenzene	0.51	U	1.0	0.51
78-59-1	Isophorone	0.70	U	10	0.70
111-91-1	Bis(2-chloroethoxy)methane	0.72	U	10	0.72
120-82-1	1,2,4-Trichlorobenzene	0.64	U	1.0	0.64
91-20-3	Naphthalene	0.83	U	10	0.83
106-47-8	4-Chloroaniline	0.76	U	10	0.76
87-68-3	Hexachlorobutadiene	0.79	U	1.0	0.79
91-57-6	2-Methylnaphthalene	0.92	U	10	0.92
77-47-4	Hexachlorocyclopentadiene	0.64	U	10	0.64
91-58-7	2-Chloronaphthalene	0.64	U	10	0.64
88-74-4	2-Nitroaniline	0.68	U	10	0.68
131-11-3	Dimethyl phthalate	1.0	U	10	1.0
208-96-8	Acenaphthylene	0.68	U	10	0.68
606-20-2	2,6-Dinitrotoluene	0.92	U	2.1	0.92
99-09-2	3-Nitroaniline	0.85	U	10	0.85
83-32-9	Acenaphthene	0.92	U	10	0.92
132-64-9	Dibenzofuran	0.89	U	10	0.89
121-14-2	2,4-Dinitrotoluene	1.1	U	2.1	1.1
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	1.0	U	10	1.0
86-73-7	Fluorene	0.83	U	10	0.83
100-01-6	4-Nitroaniline	0.50	U	10	0.50
86-30-6	N-Nitrosodiphenylamine	0.77	U	10	0.77
101-55-3	4-Bromophenyl phenyl ether	1.1	U	10	1.1
118-74-1	Hexachlorobenzene	0.49	U	1.0	0.49
85-01-8	Phenanthrene	0.68	U	10	0.68
120-12-7	Anthracene	0.59	U	10	0.59
86-74-8	Carbazole	0.89	U	10	0.89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-3 Filtered | Lab Sample ID: 460-121167-7

Matrix: Water | Lab File ID: U29936.D

Analysis Method: 625 | Date Collected: 09/29/2016 13:00

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 240(mL) | Date Analyzed: 10/04/2016 09:38

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.85	U	10	0.85
206-44-0	Fluoranthene	0.75	U	10	0.75
129-00-0	Pyrene	0.86	U	10	0.86
85-68-7	Butyl benzyl phthalate	0.63	U	10	0.63
91-94-1	3,3'-Dichlorobenzidine	1.1	U	10	1.1
56-55-3	Benzo[a]anthracene	0.57	U	1.0	0.57
218-01-9	Chrysene	0.70	U	2.1	0.70
117-81-7	Bis(2-ethylhexyl) phthalate	0.75	U	2.1	0.75
117-84-0	Di-n-octyl phthalate	0.72	U	10	0.72
205-99-2	Benzo[b]fluoranthene	0.46	U	1.0	0.46
207-08-9	Benzo[k]fluoranthene	0.19	U	1.0	0.19
50-32-8	Benzo[a]pyrene	0.17	U	1.0	0.17
193-39-5	Indeno[1,2,3-cd]pyrene	0.22	U	1.0	0.22
53-70-3	Dibenz(a,h)anthracene	0.094	U	1.0	0.094
191-24-2	Benzo[g,h,i]perylene	0.78	U	10	0.78
108-60-1	bis (2-chloroisopropyl) ether	0.97	U	10	0.97

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	68		49-125
1718-51-0	Terphenyl-d14	73		28-150
321-60-8	2-Fluorobiphenyl	67		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-3 Filtered | Lab Sample ID: 460-121167-7

Matrix: Water | Lab File ID: U29936.D

Analysis Method: 625 | Date Collected: 09/29/2016 13:00

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 240(mL) | Date Analyzed: 10/04/2016 09:38

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

Number TICs Found: 2 | TIC Result Total: 178

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
872-50-4	2-Pyrrolidinone, 1-methyl-	4.72	150	J N	95%
82304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,	9.46	28	J N	96%

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29936.D
Lims ID: 460-121167-E-7-A
Client ID: MW-3 Filtered
Sample Type: Client
Inject. Date: 04-Oct-2016 09:38:30 ALS Bottle#: 46 Worklist Smp#: 46
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-046
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 15:39:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.576	4.592	-0.016	84	319055	8.00	
$ 28 Nitrobenzene-d5	82	5.123	5.153	-0.030	85	1055622	6.81	
* 38 Naphthalene-d8	136	5.848	5.861	-0.013	94	1143540	8.00	
$ 52 2-Fluorobiphenyl	172	6.923	6.953	-0.030	94	918502	6.72	
* 64 Acenaphthene-d10	164	7.602	7.609	-0.007	94	704696	8.00	
* 87 Phenanthrene-d10	188	9.060	9.080	-0.020	97	1207222	8.00	
$ 96 Terphenyl-d14	244	10.635	10.666	-0.031	99	1076545	7.34	
* 102 Chrysene-d12	240	11.864	11.885	-0.021	98	952615	8.00	
* 109 Perylene-d12	264	13.819	13.843	-0.024	99	782532	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29936.D				
Lims ID:	460-121167-E-7-A				
Client ID:	MW-3 Filtered				
Sample Type:	Client				
Inject. Date:	04-Oct-2016 09:38:30	ALS Bottle#:	46	Worklist Smp#:	46
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0046376-046				
Operator ID:		Instrument ID:	CBNAMS4		
Method:	\\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m				
Limit Group:	SV 625 ICAL				
Last Update:	05-Oct-2016 14:14:45	Calib Date:	03-Oct-2016 22:15:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\ChromNA\Edison\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK030				
First Level Reviewer: zhaoc		Date:	04-Oct-2016 15:39:16		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	872-50-4	2-Pyrrolidinone, 1-methyl-						
4.717	6308946	17.6	14	95	3436	C5H9NO	99	
	82304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,						
9.457	1677860	3.36	87	96	104143	C17H24O3	276	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.576	2865341	8.00
* 87 Phenanthrene-d10	9.060	3993684	8.00

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

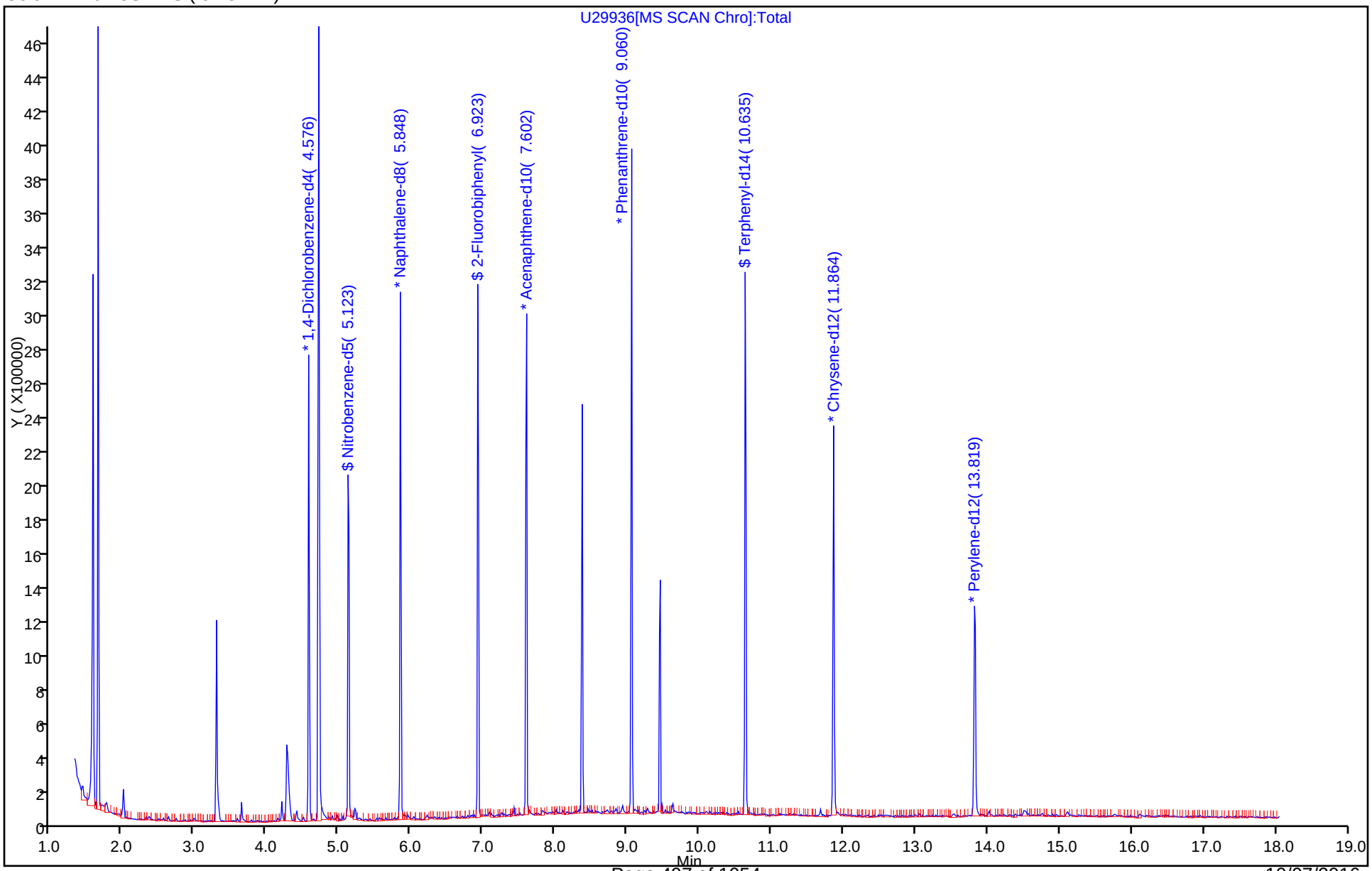
Report Date: 05-Oct-2016 14:17:12 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29936.D

Injection Date:	04-Oct-2016 09:38:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121167-E-7-A	Lab Sample ID:	460-121167-7	Worklist Smp#:	46
Client ID:	MW-3 Filtered				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	46
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



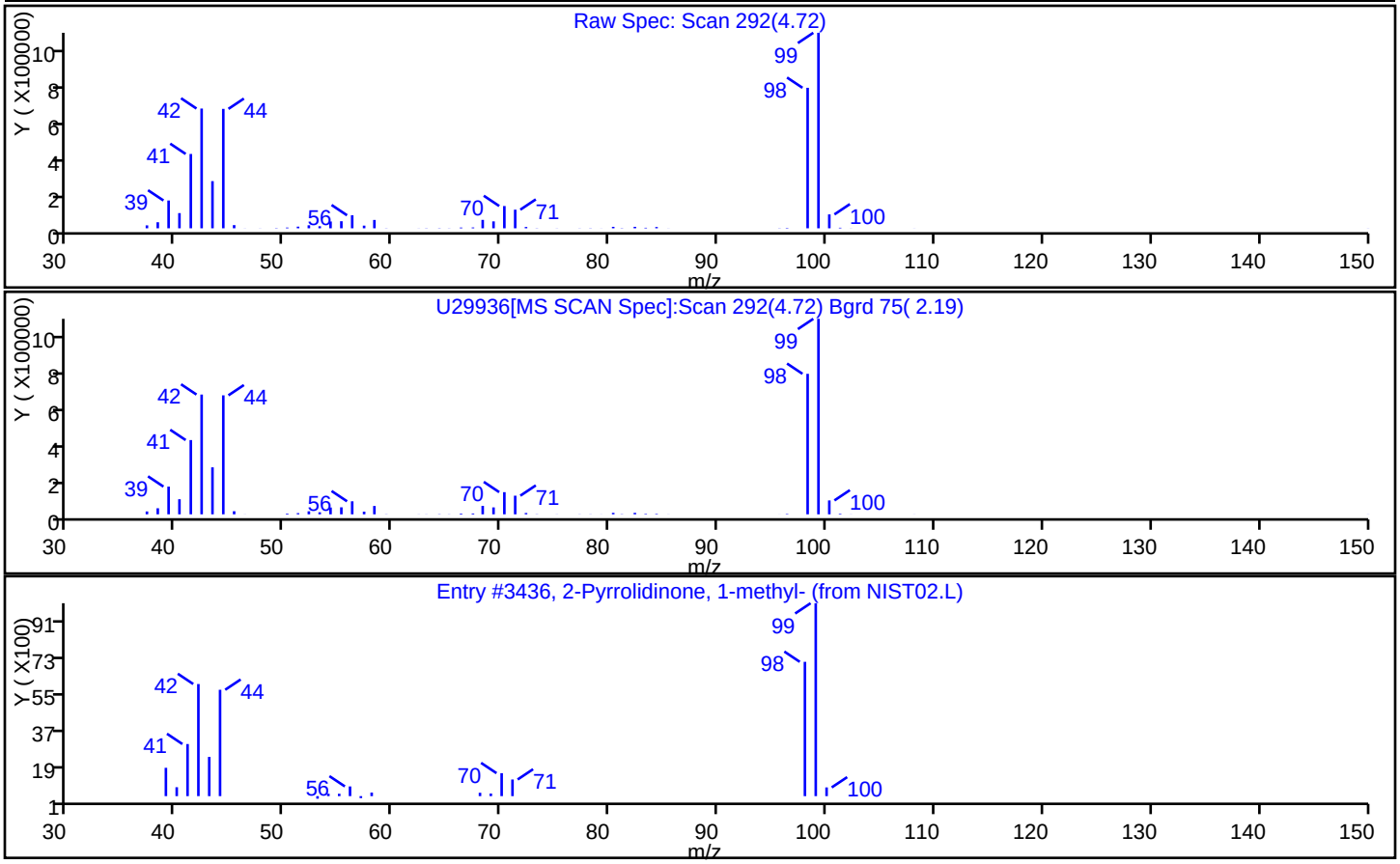
Report Date: 05-Oct-2016 14:17:12 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29936.D

Injection Date:	04-Oct-2016 09:38:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-E-7-A	Lab Sample ID:	460-121167-7		
Client ID:	MW-3 Filtered				
Operator ID:		ALS Bottle#:	46	Worklist Smp#:	46
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
2-Pyrrolidinone, 1-methyl-	872-50-4	NIST02.L	3436	C5H9NO	99	95

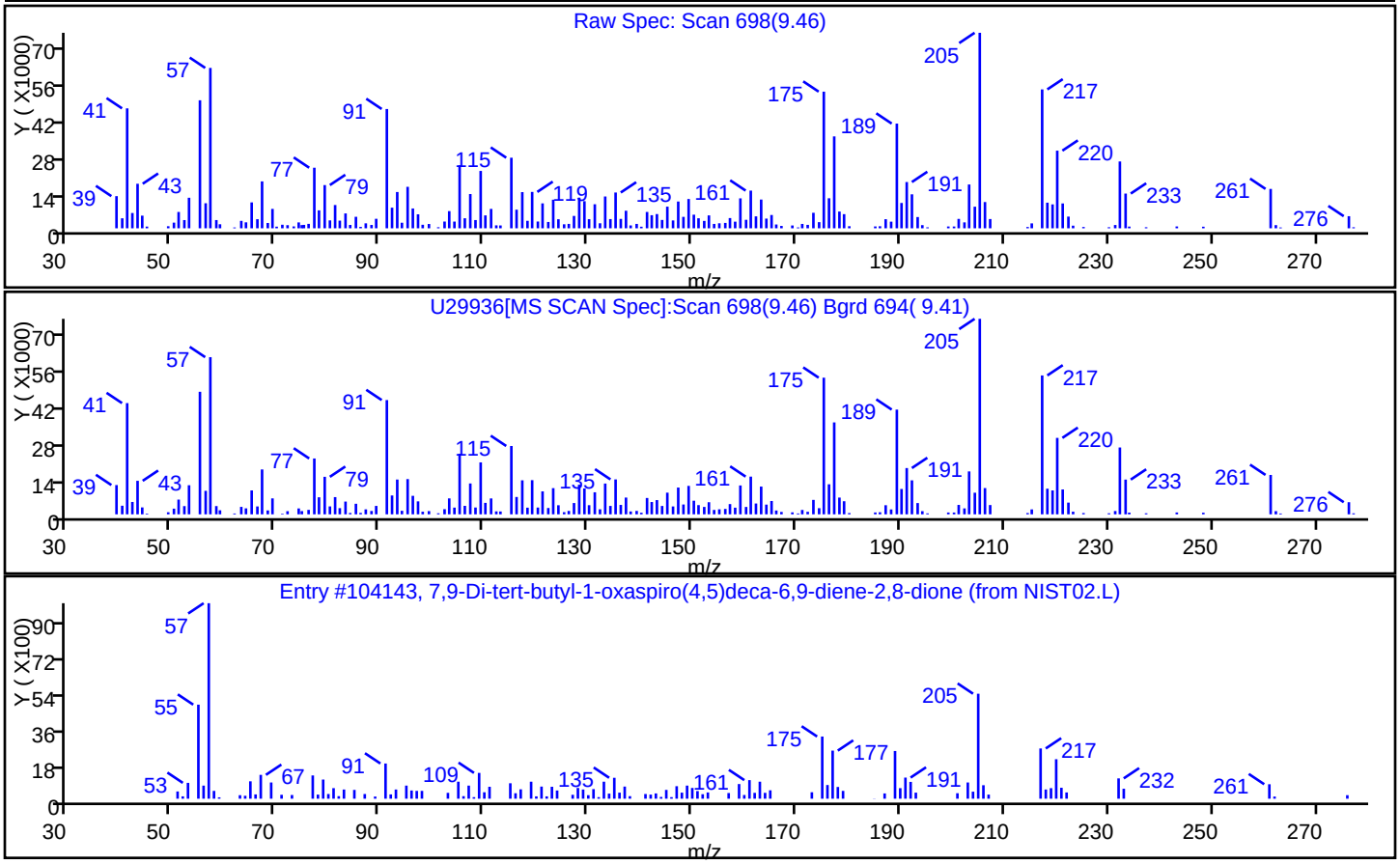


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29936.D

Injection Date:	04-Oct-2016 09:38:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-E-7-A	Lab Sample ID:	460-121167-7		
Client ID:	MW-3 Filtered				
Operator ID:		ALS Bottle#:	46	Worklist Smp#:	46
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,	82304-66-3	NIST02.L	104143	C17H24O3	276	96



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-6 | Lab Sample ID: 460-121167-8

Matrix: Water | Lab File ID: U29937.D

Analysis Method: 625 | Date Collected: 09/29/2016 14:35

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 10:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.12	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.1	U	10	1.1
106-46-7	1,4-Dichlorobenzene	0.66	U	10	0.66
95-50-1	1,2-Dichlorobenzene	0.83	U	10	0.83
621-64-7	N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83
67-72-1	Hexachloroethane	0.090	U	1.0	0.090
98-95-3	Nitrobenzene	0.49	U	1.0	0.49
78-59-1	Isophorone	0.67	U	10	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.69	U	10	0.69
120-82-1	1,2,4-Trichlorobenzene	0.61	U	1.0	0.61
91-20-3	Naphthalene	0.80	U	10	0.80
106-47-8	4-Chloroaniline	0.73	U	10	0.73
87-68-3	Hexachlorobutadiene	0.76	U	1.0	0.76
91-57-6	2-Methylnaphthalene	0.88	U	10	0.88
77-47-4	Hexachlorocyclopentadiene	0.61	U	10	0.61
91-58-7	2-Chloronaphthalene	0.61	U	10	0.61
88-74-4	2-Nitroaniline	0.65	U	10	0.65
131-11-3	Dimethyl phthalate	0.98	U	10	0.98
208-96-8	Acenaphthylene	0.65	U	10	0.65
606-20-2	2,6-Dinitrotoluene	0.88	U	2.0	0.88
99-09-2	3-Nitroaniline	0.82	U	10	0.82
83-32-9	Acenaphthene	0.88	U	10	0.88
132-64-9	Dibenzofuran	0.85	U	10	0.85
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	0.96	U	10	0.96
86-73-7	Fluorene	0.80	U	10	0.80
100-01-6	4-Nitroaniline	0.48	U	10	0.48
86-30-6	N-Nitrosodiphenylamine	0.74	U	10	0.74
101-55-3	4-Bromophenyl phenyl ether	1.0	U	10	1.0
118-74-1	Hexachlorobenzene	0.47	U	1.0	0.47
85-01-8	Phenanthrene	0.65	U	10	0.65
120-12-7	Anthracene	0.57	U	10	0.57
86-74-8	Carbazole	0.85	U	10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-6 | Lab Sample ID: 460-121167-8

Matrix: Water | Lab File ID: U29937.D

Analysis Method: 625 | Date Collected: 09/29/2016 14:35

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 10:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.82	U	10	0.82
206-44-0	Fluoranthene	0.72	U	10	0.72
129-00-0	Pyrene	0.83	U	10	0.83
85-68-7	Butyl benzyl phthalate	0.60	U	10	0.60
91-94-1	3,3'-Dichlorobenzidine	1.0	U	10	1.0
56-55-3	Benzo[a]anthracene	0.55	U	1.0	0.55
218-01-9	Chrysene	0.67	U	2.0	0.67
117-81-7	Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72
117-84-0	Di-n-octyl phthalate	0.69	U	10	0.69
205-99-2	Benzo[b]fluoranthene	0.44	U	1.0	0.44
207-08-9	Benzo[k]fluoranthene	0.18	U	1.0	0.18
50-32-8	Benzo[a]pyrene	0.16	U	1.0	0.16
193-39-5	Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21
53-70-3	Dibenz(a,h)anthracene	0.090	U	1.0	0.090
191-24-2	Benzo[g,h,i]perylene	0.75	U	10	0.75
108-60-1	bis (2-chloroisopropyl) ether	0.93	U	10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	67		49-125
1718-51-0	Terphenyl-d14	72		28-150
321-60-8	2-Fluorobiphenyl	70		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-6 | Lab Sample ID: 460-121167-8

Matrix: Water | Lab File ID: U29937.D

Analysis Method: 625 | Date Collected: 09/29/2016 14:35

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 10:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29937.D
Lims ID: 460-121167-D-8-A
Client ID: MW-6
Sample Type: Client
Inject. Date: 04-Oct-2016 10:01:30 ALS Bottle#: 47 Worklist Smp#: 47
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-047
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 15:39:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.581	4.592	-0.011	88	307616	8.00	
$ 28 Nitrobenzene-d5	82	5.131	5.153	-0.022	86	1078104	6.70	
* 38 Naphthalene-d8	136	5.854	5.861	-0.007	95	1186681	8.00	
$ 52 2-Fluorobiphenyl	172	6.927	6.953	-0.026	94	977552	6.96	
* 64 Acenaphthene-d10	164	7.600	7.609	-0.009	93	724350	8.00	
* 87 Phenanthrene-d10	188	9.058	9.080	-0.022	97	1167573	8.00	
$ 96 Terphenyl-d14	244	10.634	10.666	-0.032	97	1005155	7.20	
* 102 Chrysene-d12	240	11.859	11.885	-0.026	98	907802	8.00	
* 109 Perylene-d12	264	13.823	13.843	-0.020	99	810793	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

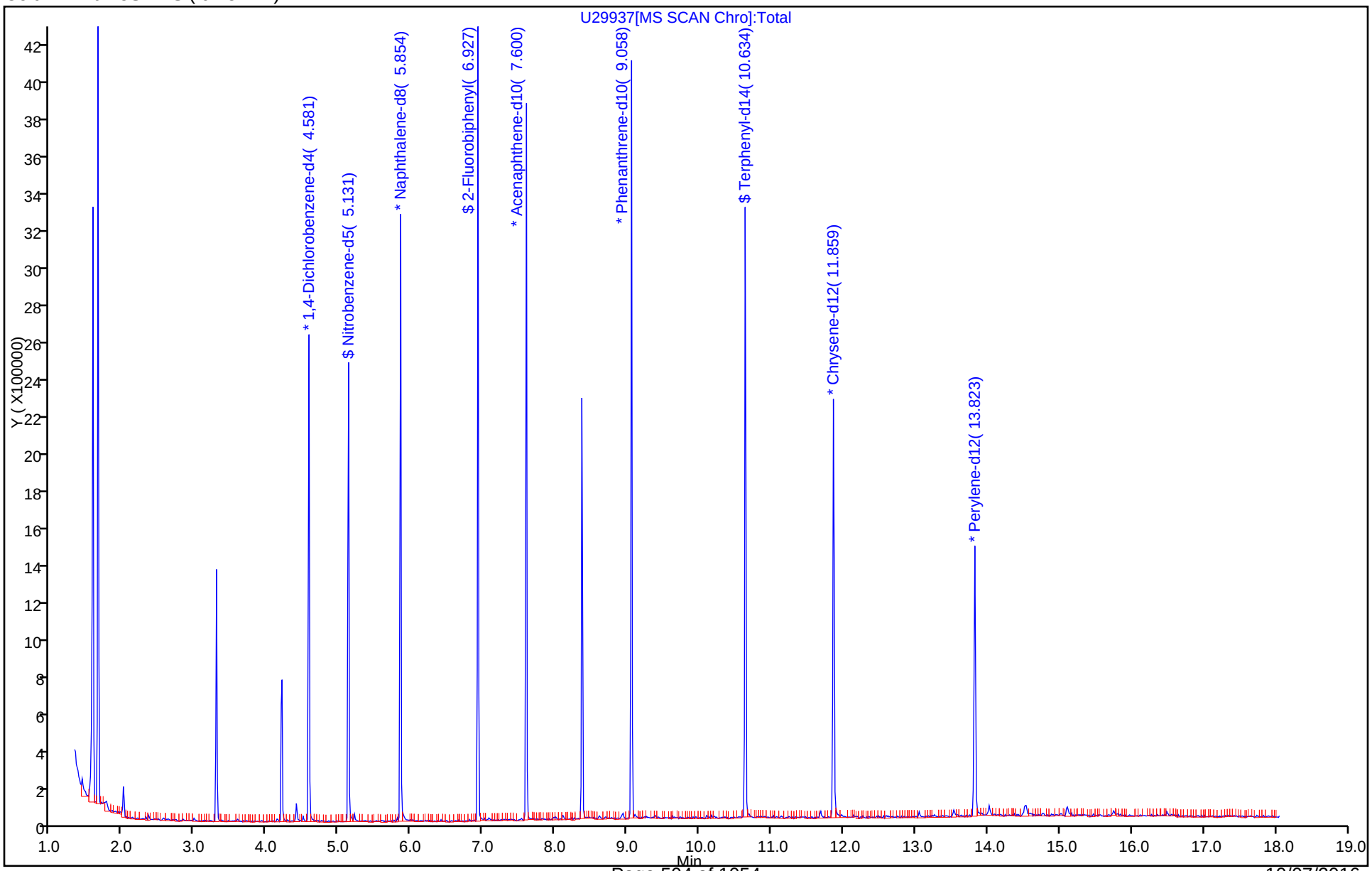
Report Date: 05-Oct-2016 14:17:16 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29937.D

Injection Date:	04-Oct-2016 10:01:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121167-D-8-A	Lab Sample ID:	460-121167-8	Worklist Smp#:	47
Client ID:	MW-6				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	47
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-6 Filtered | Lab Sample ID: 460-121167-9

Matrix: Water | Lab File ID: U29938.D

Analysis Method: 625 | Date Collected: 09/29/2016 14:45

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 10:23

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.12	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.1	U	10	1.1
106-46-7	1,4-Dichlorobenzene	0.66	U	10	0.66
95-50-1	1,2-Dichlorobenzene	0.83	U	10	0.83
621-64-7	N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83
67-72-1	Hexachloroethane	0.090	U	1.0	0.090
98-95-3	Nitrobenzene	0.49	U	1.0	0.49
78-59-1	Isophorone	0.67	U	10	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.69	U	10	0.69
120-82-1	1,2,4-Trichlorobenzene	0.61	U	1.0	0.61
91-20-3	Naphthalene	0.80	U	10	0.80
106-47-8	4-Chloroaniline	0.73	U	10	0.73
87-68-3	Hexachlorobutadiene	0.76	U	1.0	0.76
91-57-6	2-Methylnaphthalene	0.88	U	10	0.88
77-47-4	Hexachlorocyclopentadiene	0.61	U	10	0.61
91-58-7	2-Chloronaphthalene	0.61	U	10	0.61
88-74-4	2-Nitroaniline	0.65	U	10	0.65
131-11-3	Dimethyl phthalate	0.98	U	10	0.98
208-96-8	Acenaphthylene	0.65	U	10	0.65
606-20-2	2,6-Dinitrotoluene	0.88	U	2.0	0.88
99-09-2	3-Nitroaniline	0.82	U	10	0.82
83-32-9	Acenaphthene	0.88	U	10	0.88
132-64-9	Dibenzofuran	0.85	U	10	0.85
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	0.96	U	10	0.96
86-73-7	Fluorene	0.80	U	10	0.80
100-01-6	4-Nitroaniline	0.48	U	10	0.48
86-30-6	N-Nitrosodiphenylamine	0.74	U	10	0.74
101-55-3	4-Bromophenyl phenyl ether	1.0	U	10	1.0
118-74-1	Hexachlorobenzene	0.47	U	1.0	0.47
85-01-8	Phenanthrene	0.65	U	10	0.65
120-12-7	Anthracene	0.57	U	10	0.57
86-74-8	Carbazole	0.85	U	10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-6 Filtered | Lab Sample ID: 460-121167-9

Matrix: Water | Lab File ID: U29938.D

Analysis Method: 625 | Date Collected: 09/29/2016 14:45

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 10:23

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.82	U	10	0.82
206-44-0	Fluoranthene	0.72	U	10	0.72
129-00-0	Pyrene	0.83	U	10	0.83
85-68-7	Butyl benzyl phthalate	0.60	U	10	0.60
91-94-1	3,3'-Dichlorobenzidine	1.0	U	10	1.0
56-55-3	Benzo[a]anthracene	0.55	U	1.0	0.55
218-01-9	Chrysene	0.67	U	2.0	0.67
117-81-7	Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72
117-84-0	Di-n-octyl phthalate	0.69	U	10	0.69
205-99-2	Benzo[b]fluoranthene	0.44	U	1.0	0.44
207-08-9	Benzo[k]fluoranthene	0.18	U	1.0	0.18
50-32-8	Benzo[a]pyrene	0.16	U	1.0	0.16
193-39-5	Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21
53-70-3	Dibenz(a,h)anthracene	0.090	U	1.0	0.090
191-24-2	Benzo[g,h,i]perylene	0.75	U	10	0.75
108-60-1	bis (2-chloroisopropyl) ether	0.93	U	10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	70		49-125
1718-51-0	Terphenyl-d14	70		28-150
321-60-8	2-Fluorobiphenyl	71		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-6 Filtered | Lab Sample ID: 460-121167-9

Matrix: Water | Lab File ID: U29938.D

Analysis Method: 625 | Date Collected: 09/29/2016 14:45

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 10:23

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

Number TICs Found: 10 | TIC Result Total: 116.6

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
872-50-4	2-Pyrrolidinone, 1-methyl-	4.71	29	J N	90%
82304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,	9.45	7.3	J N	90%
111-06-8	Hexadecanoic acid, butyl ester	10.46	21	J N	87%
	Unknown	10.54	7.3	J	
	Unknown	11.24	17	J	
7098-21-7	Tritetracontane	13.53	6.8	J N	86%
	Unknown	14.02	8.4	J	
	Unknown	14.54	6.7	J	
7098-22-8	Tetratetracontane	15.11	6.4	J N	86%
	Unknown	16.11	6.7	J	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29938.D
Lims ID: 460-121167-D-9-A
Client ID: MW-6 Filtered
Sample Type: Client
Inject. Date: 04-Oct-2016 10:23:30 ALS Bottle#: 48 Worklist Smp#: 48
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-048
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 16:05:37

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.582	4.592	-0.010	86	297881	8.00	
$ 28 Nitrobenzene-d5	82	5.131	5.153	-0.023	85	1085433	7.00	
* 38 Naphthalene-d8	136	5.852	5.861	-0.009	95	1143621	8.00	
$ 52 2-Fluorobiphenyl	172	6.925	6.953	-0.028	94	937549	7.12	
* 64 Acenaphthene-d10	164	7.602	7.609	-0.007	93	678937	8.00	
* 87 Phenanthrene-d10	188	9.059	9.080	-0.021	97	1130775	8.00	
$ 96 Terphenyl-d14	244	10.643	10.666	-0.023	98	937425	6.96	
* 102 Chrysene-d12	240	11.864	11.885	-0.021	99	874882	8.00	
* 109 Perylene-d12	264	13.825	13.843	-0.018	99	746726	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29938.D				
Lims ID:	460-121167-D-9-A				
Client ID:	MW-6 Filtered				
Sample Type:	Client				
Inject. Date:	04-Oct-2016 10:23:30	ALS Bottle#:	48	Worklist Smp#:	48
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0046376-048				
Operator ID:		Instrument ID:	CBNAMS4		
Method:	\\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m				
Limit Group:	SV 625 ICAL				
Last Update:	05-Oct-2016 14:14:45	Calib Date:	03-Oct-2016 22:15:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\ChromNA\Edison\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK030				
First Level Reviewer: zhaoc		Date:	04-Oct-2016 16:05:37		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	872-50-4	2-Pyrrolidinone, 1-methyl-						
4.710	1250276	3.66	14	90	3435	C5H9NO	99	
	82304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,						
9.454	430679	0.9184	87	90	104143	C17H24O3	276	
	111-06-8	Hexadecanoic acid, butyl ester						
10.458	1217013	2.60	87	87	124071	C20H40O2	312	
		Unknown						
10.539	308191	0.9186	102					
		Unknown						
11.236	717167	2.14	102					
	7098-21-7	Tritetracontane						
13.534	214957	0.8470	109	86	172667	C43H88	605	
		Unknown						
14.024	265718	1.05	109					
		Unknown						
14.537	213310	0.8405	109					
	7098-22-8	Tetratetracontane						
15.105	203490	0.8018	109	86	172958	C44H90	619	
		Unknown						
16.112	213271	0.8404	109					

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.582	2734046	8.00
* 87 Phenanthrene-d10	9.059	3751700	8.00
* 102 Chrysene-d12	11.864	2684081	8.00
* 109 Perylene-d12	13.825	2030262	8.00

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

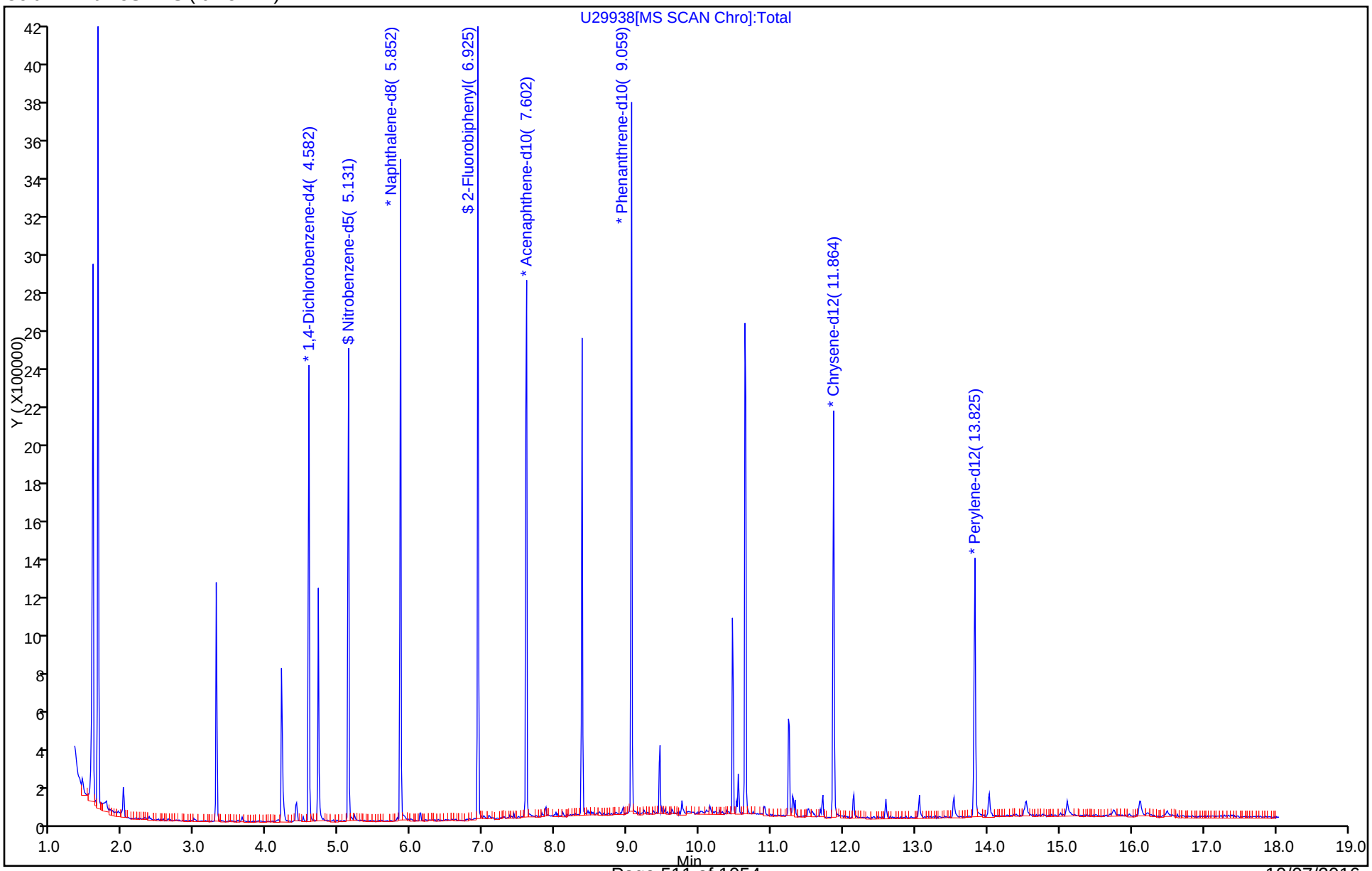
Report Date: 05-Oct-2016 14:17:18 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29938.D

Injection Date:	04-Oct-2016 10:23:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121167-D-9-A	Lab Sample ID:	460-121167-9	Worklist Smp#:	48
Client ID:	MW-6 Filtered				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	48
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



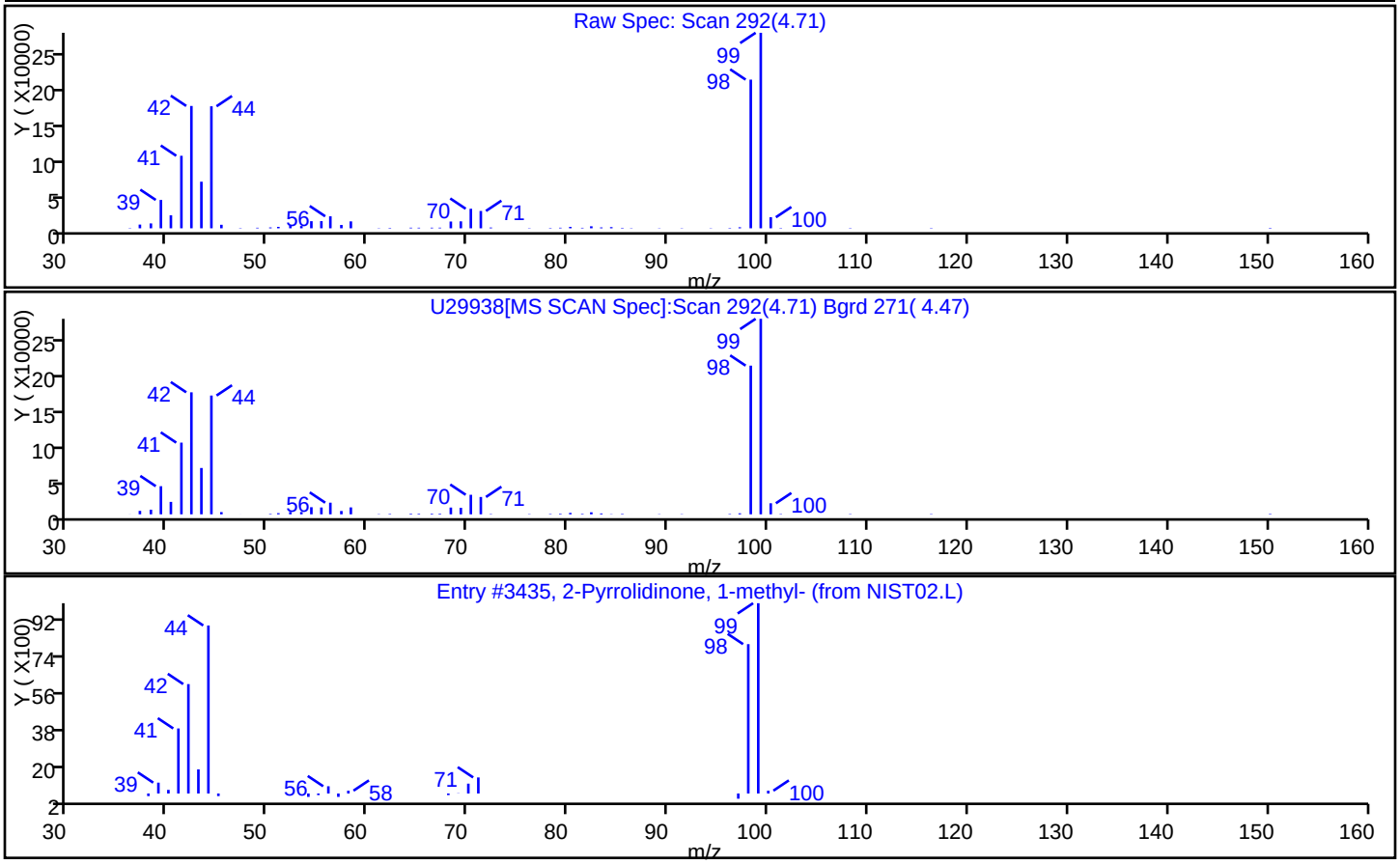
Report Date: 05-Oct-2016 14:17:18 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29938.D

Injection Date:	04-Oct-2016 10:23:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-D-9-A	Lab Sample ID:	460-121167-9		
Client ID:	MW-6 Filtered				
Operator ID:		ALS Bottle#:	48	Worklist Smp#:	48
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
2-Pyrrolidinone, 1-methyl-	872-50-4	NIST02.L	3435	C5H9NO	99	90

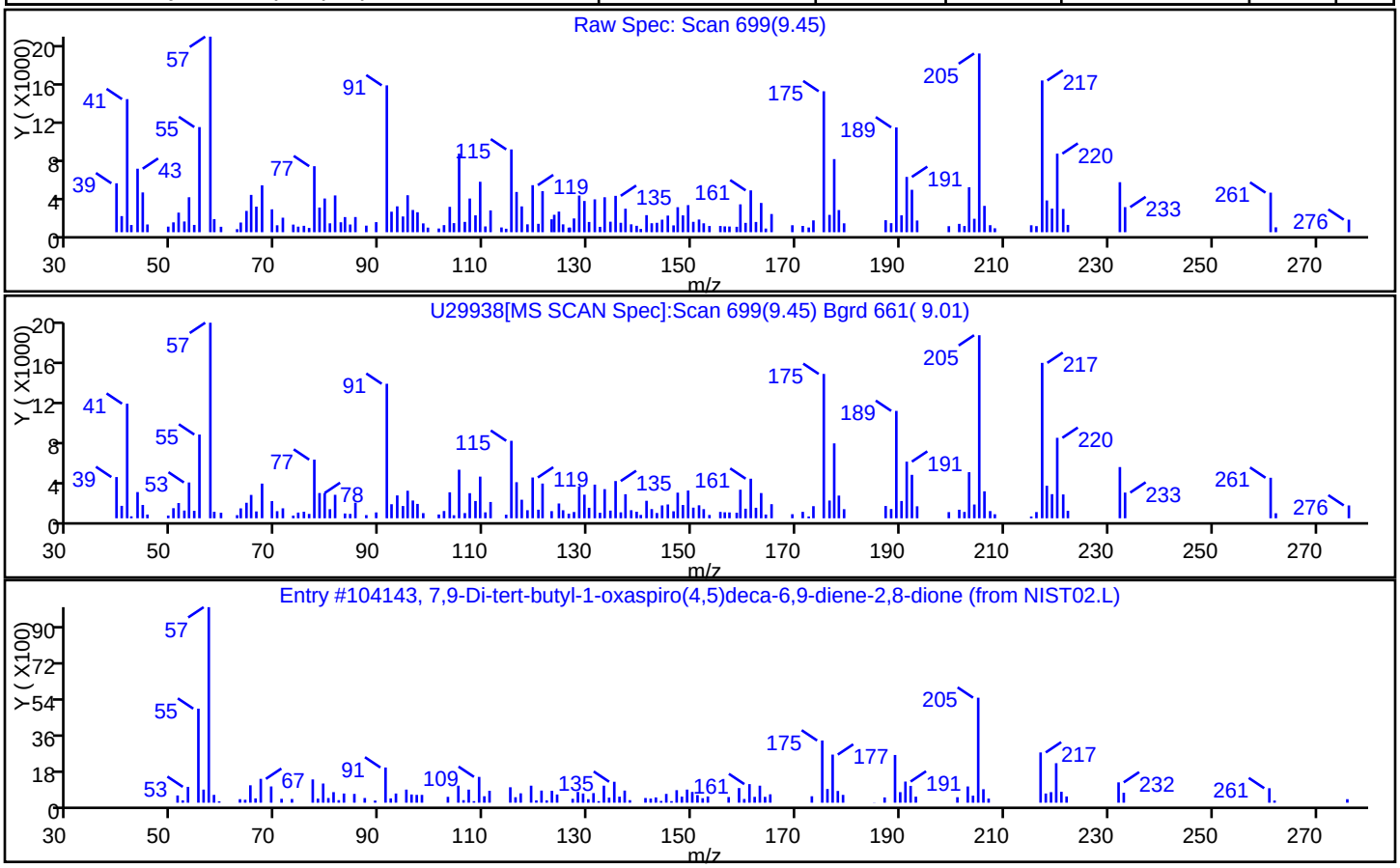


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29938.D

Injection Date:	04-Oct-2016 10:23:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-D-9-A	Lab Sample ID:	460-121167-9		
Client ID:	MW-6 Filtered				
Operator ID:		ALS Bottle#:	48	Worklist Smp#:	48
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,	82304-66-3	NIST02.L	104143	C17H24O3	276	90

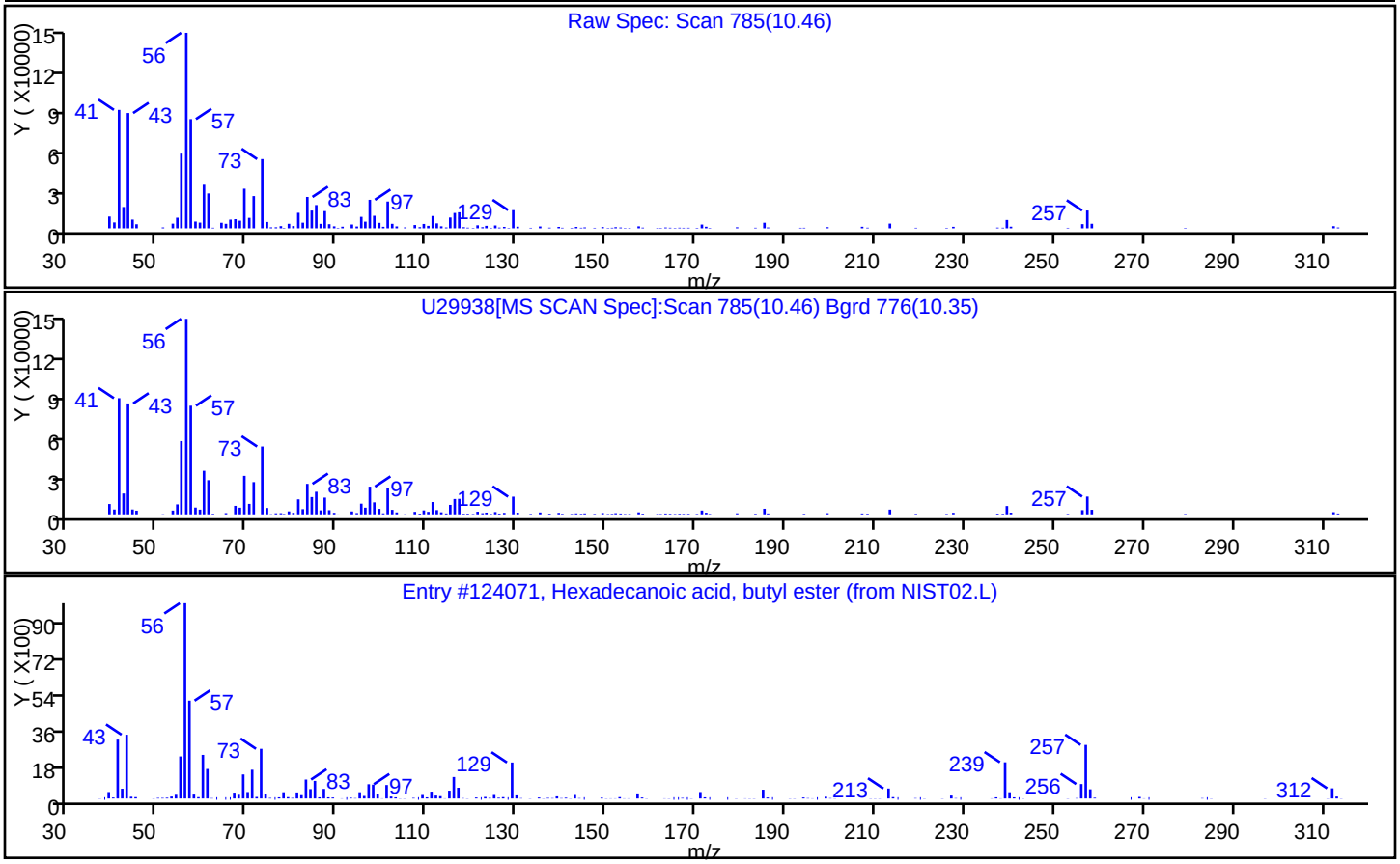


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29938.D

Injection Date:	04-Oct-2016 10:23:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-D-9-A	Lab Sample ID:	460-121167-9		
Client ID:	MW-6 Filtered				
Operator ID:		ALS Bottle#:	48	Worklist Smp#:	48
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecanoic acid, butyl ester	111-06-8	NIST02.L	124071	C20H40O2	312	87



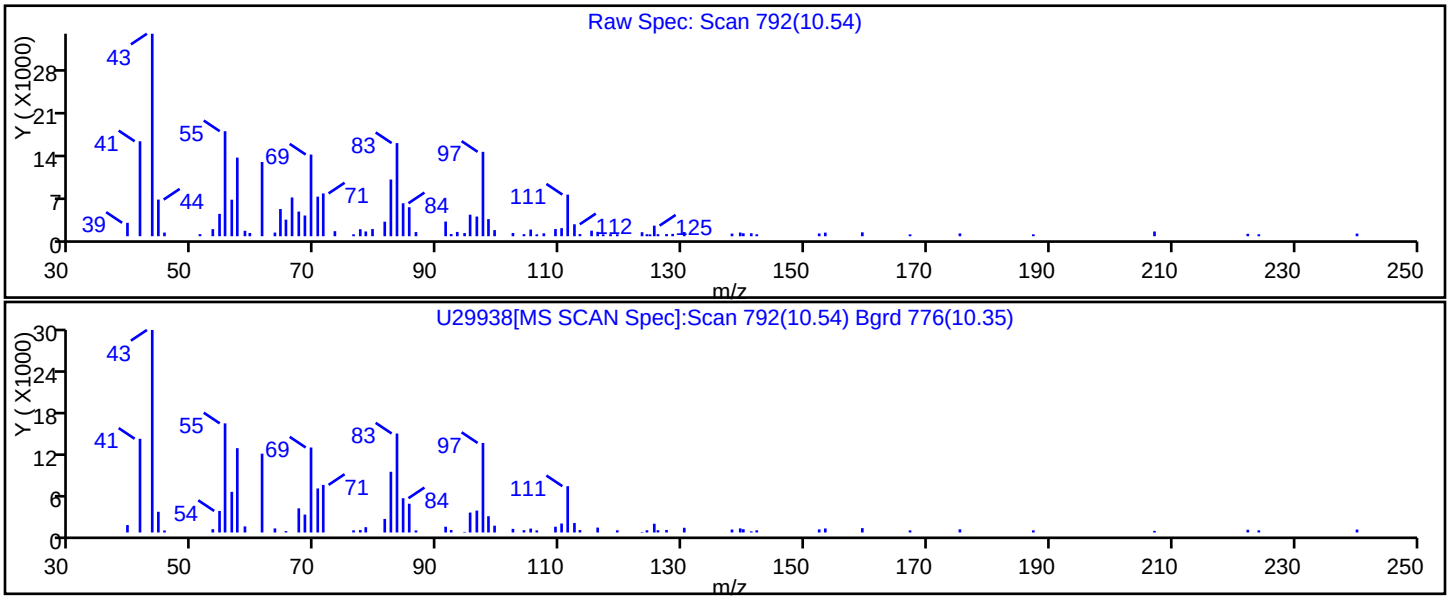
Report Date: 05-Oct-2016 14:17:18 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29938.D

Injection Date:	04-Oct-2016 10:23:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-D-9-A	Lab Sample ID:	460-121167-9		
Client ID:	MW-6 Filtered				
Operator ID:		ALS Bottle#:	48	Worklist Smp#:	48
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



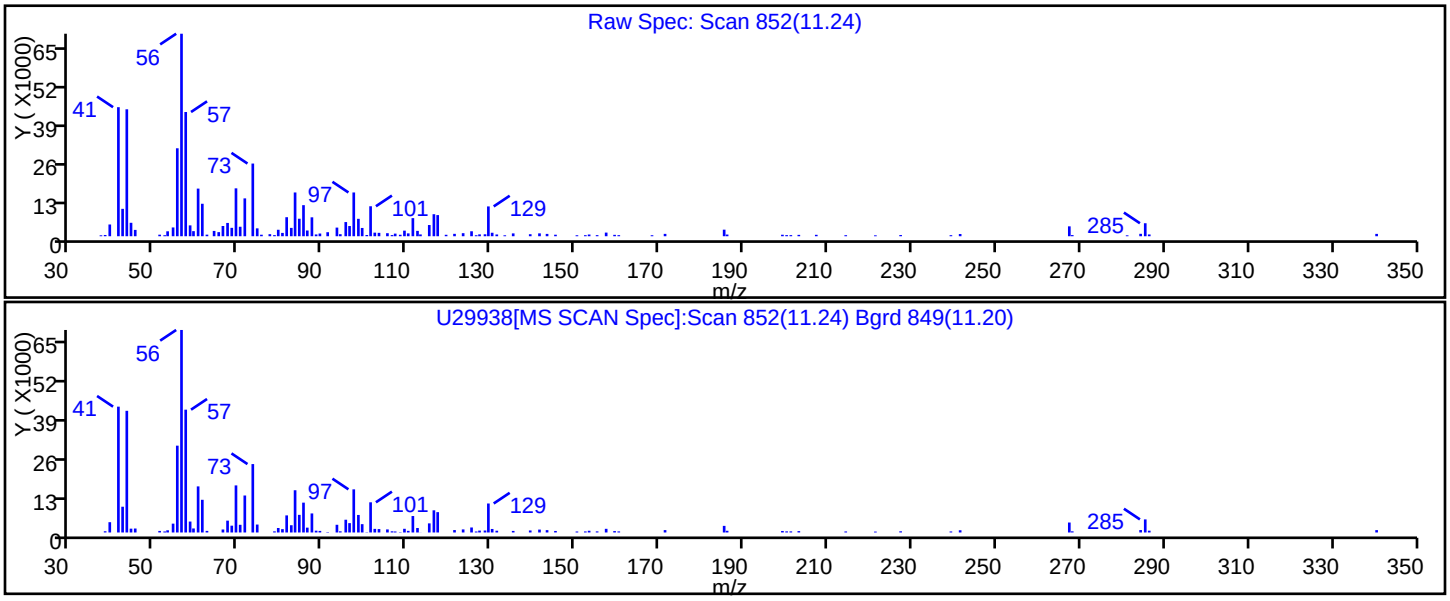
Report Date: 05-Oct-2016 14:17:18 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29938.D

Injection Date:	04-Oct-2016 10:23:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-D-9-A	Lab Sample ID:	460-121167-9		
Client ID:	MW-6 Filtered				
Operator ID:		ALS Bottle#:	48	Worklist Smp#:	48
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

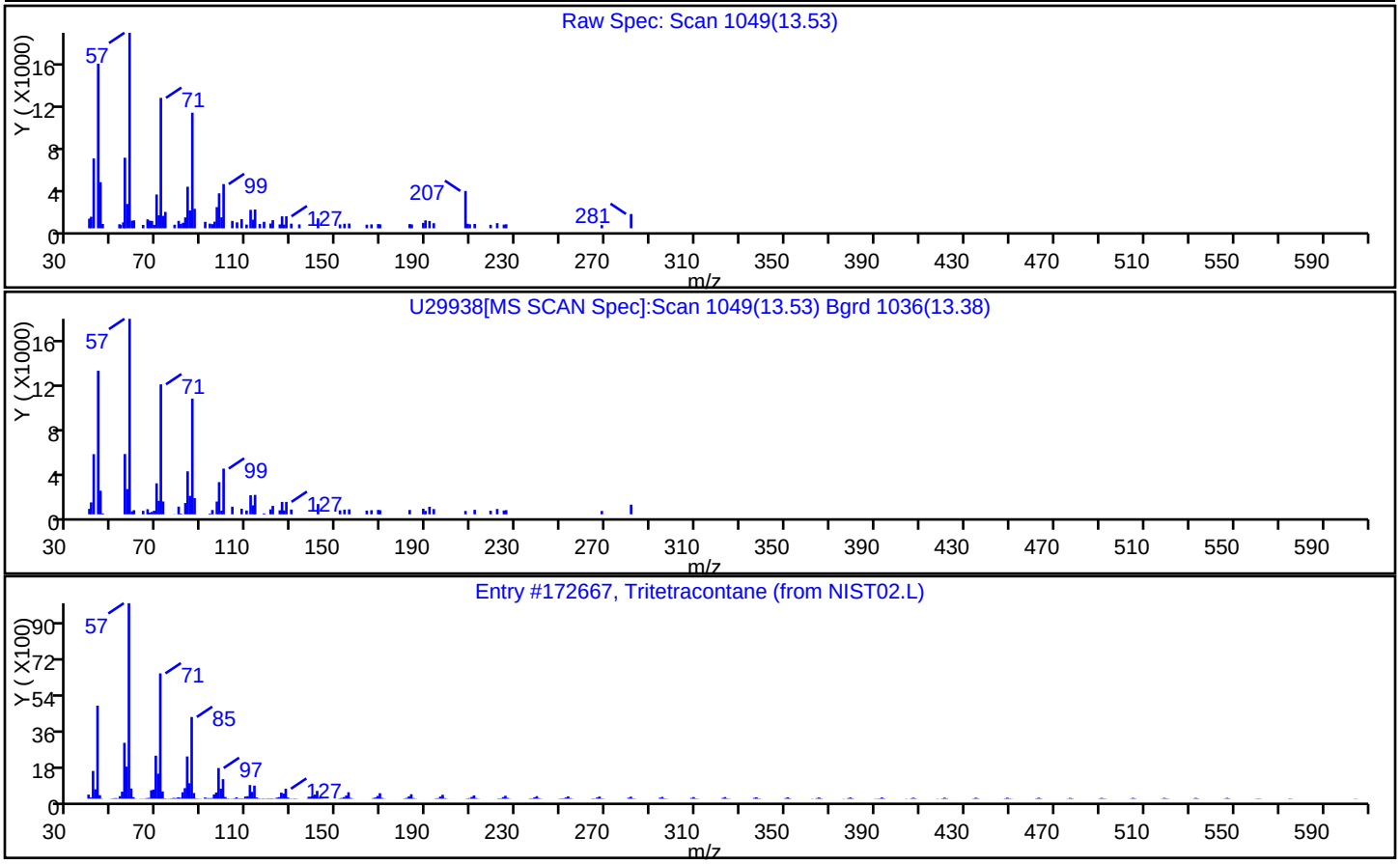


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29938.D

Injection Date:	04-Oct-2016 10:23:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-D-9-A	Lab Sample ID:	460-121167-9		
Client ID:	MW-6 Filtered				
Operator ID:		ALS Bottle#:	48	Worklist Smp#:	48
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tritetracontane	7098-21-7	NIST02.L	172667	C43H88	605	86



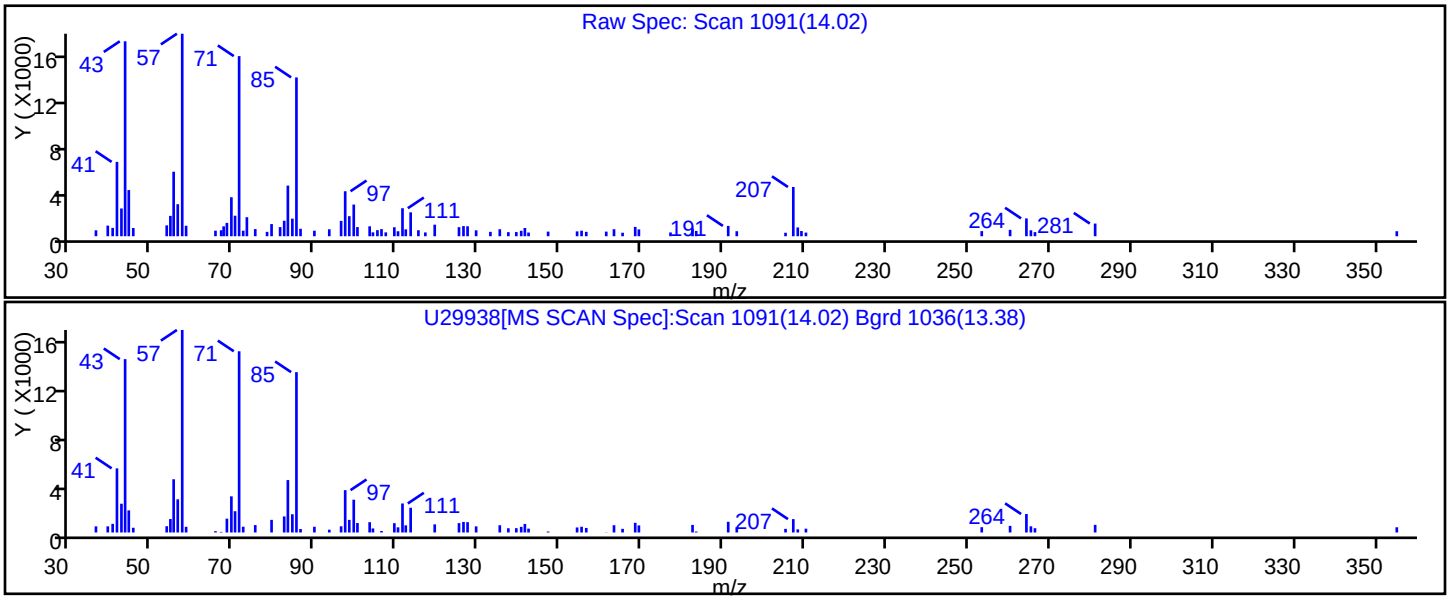
Report Date: 05-Oct-2016 14:17:19 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29938.D

Injection Date:	04-Oct-2016 10:23:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-D-9-A	Lab Sample ID:	460-121167-9		
Client ID:	MW-6 Filtered				
Operator ID:		ALS Bottle#:	48	Worklist Smp#:	48
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

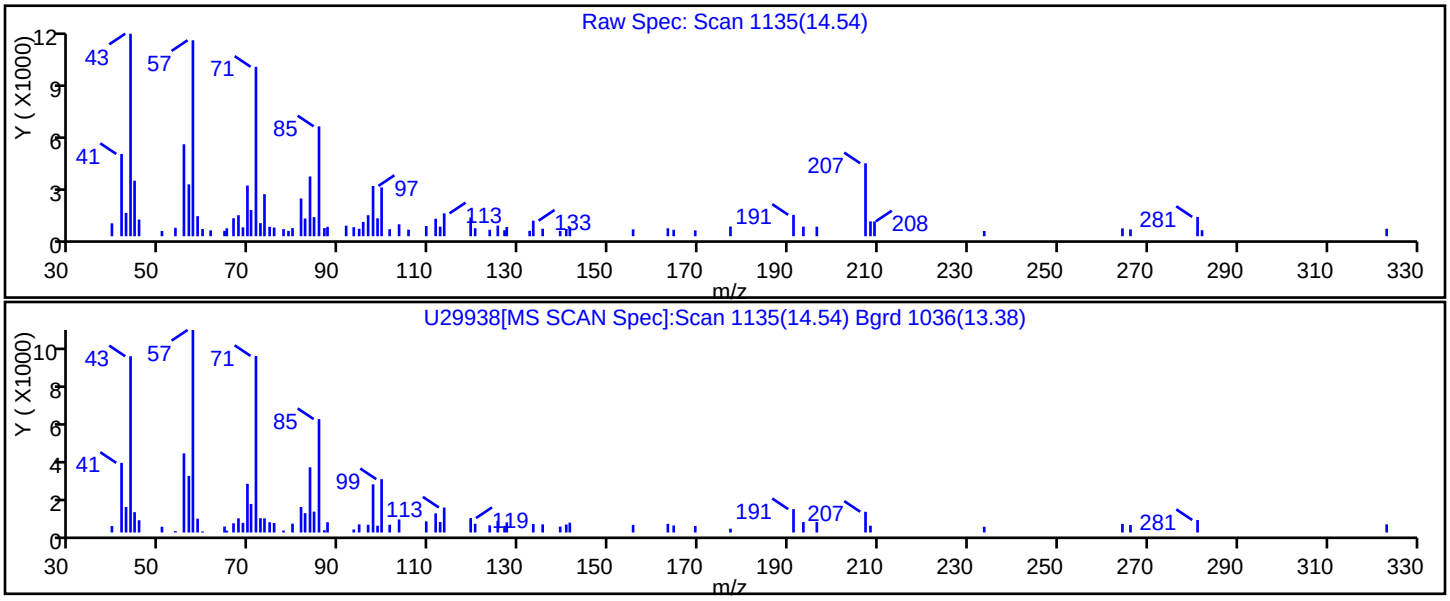


Report Date: 05-Oct-2016 14:17:19 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29938.D				
Injection Date:	04-Oct-2016 10:23:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-D-9-A	Lab Sample ID:	460-121167-9		
Client ID:	MW-6 Filtered				
Operator ID:		ALS Bottle#:	48	Worklist Smp#:	48
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

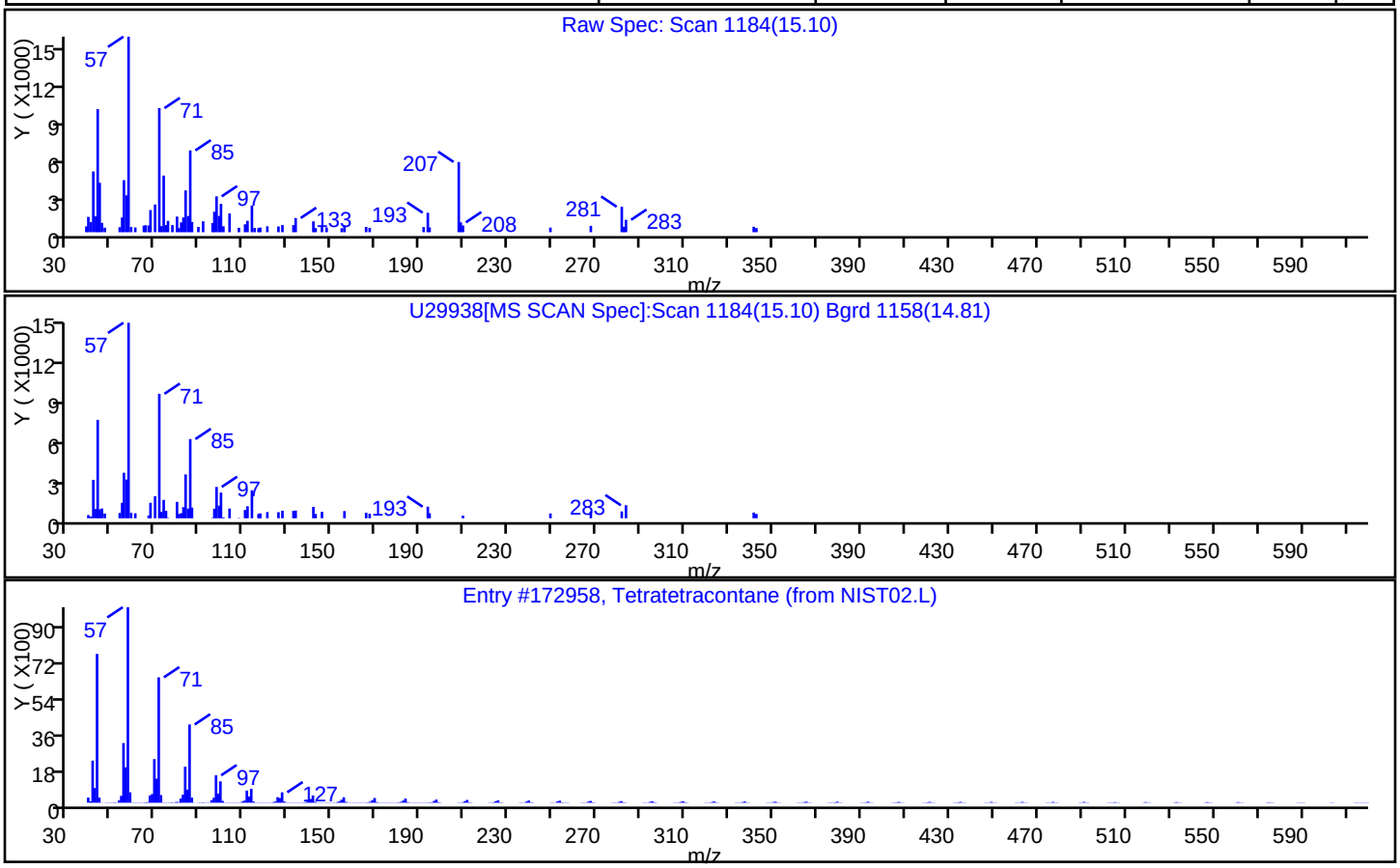


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29938.D

Injection Date:	04-Oct-2016 10:23:30	Instrument ID:	CBNAMS4
Lims ID:	460-121167-D-9-A	Lab Sample ID:	460-121167-9
Client ID:	MW-6 Filtered		
Operator ID:		ALS Bottle#:	48 Worklist Smp#: 48
Injection Vol:	5.0 ul	Dil. Factor:	1.0000
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tetratetracontane	7098-22-8	NIST02.L	172958	C44H90	619	86



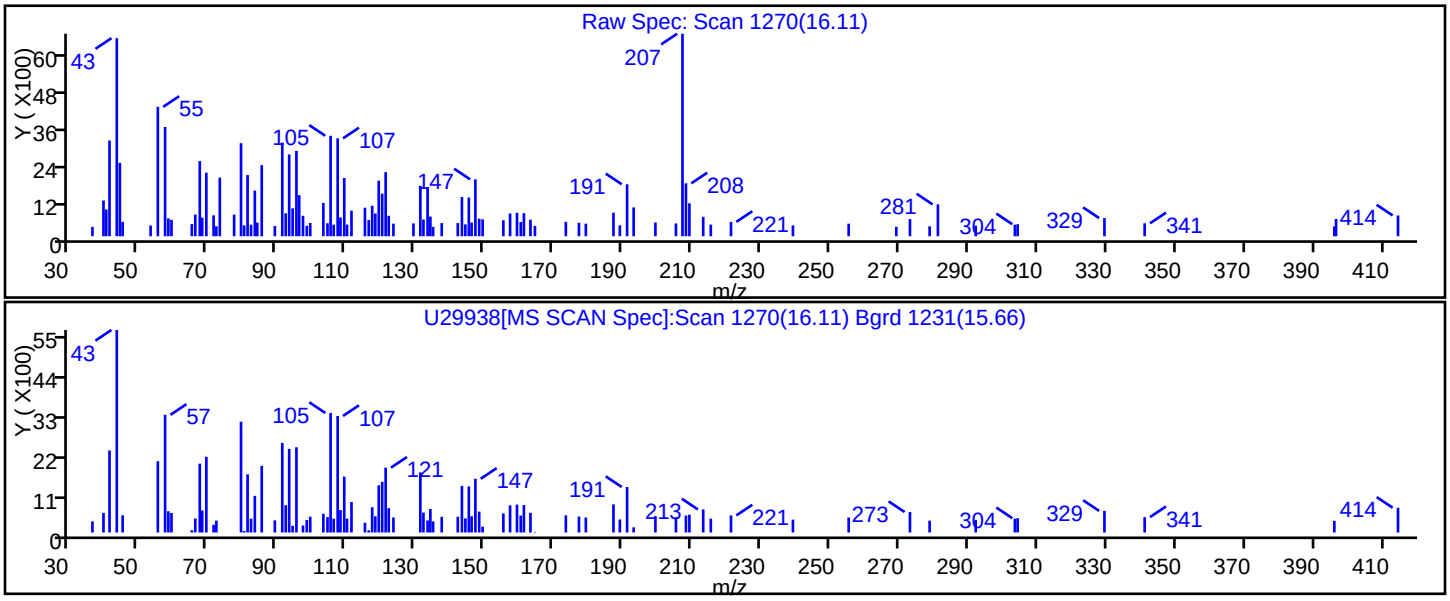
Report Date: 05-Oct-2016 14:17:19 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29938.D

Injection Date:	04-Oct-2016 10:23:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-D-9-A	Lab Sample ID:	460-121167-9		
Client ID:	MW-6 Filtered				
Operator ID:		ALS Bottle#:	48	Worklist Smp#:	48
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-8 | Lab Sample ID: 460-121167-10

Matrix: Water | Lab File ID: U29939.D

Analysis Method: 625 | Date Collected: 09/29/2016 14:50

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 240(mL) | Date Analyzed: 10/04/2016 10:45

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.13	U	1.0	0.13
541-73-1	1,3-Dichlorobenzene	1.2	U	10	1.2
106-46-7	1,4-Dichlorobenzene	0.69	U	10	0.69
95-50-1	1,2-Dichlorobenzene	0.86	U	10	0.86
621-64-7	N-Nitrosodi-n-propylamine	0.86	U	1.0	0.86
67-72-1	Hexachloroethane	0.094	U	1.0	0.094
98-95-3	Nitrobenzene	0.51	U	1.0	0.51
78-59-1	Isophorone	0.70	U	10	0.70
111-91-1	Bis(2-chloroethoxy)methane	0.72	U	10	0.72
120-82-1	1,2,4-Trichlorobenzene	4.3		1.0	0.64
91-20-3	Naphthalene	9.5	J	10	0.83
106-47-8	4-Chloroaniline	0.76	U	10	0.76
87-68-3	Hexachlorobutadiene	0.79	U	1.0	0.79
91-57-6	2-Methylnaphthalene	6.6	J	10	0.92
77-47-4	Hexachlorocyclopentadiene	0.64	U	10	0.64
91-58-7	2-Chloronaphthalene	0.64	U	10	0.64
88-74-4	2-Nitroaniline	0.68	U	10	0.68
131-11-3	Dimethyl phthalate	1.0	U	10	1.0
208-96-8	Acenaphthylene	0.68	U	10	0.68
606-20-2	2,6-Dinitrotoluene	0.92	U	2.1	0.92
99-09-2	3-Nitroaniline	0.85	U	10	0.85
83-32-9	Acenaphthene	2.0	J	10	0.92
132-64-9	Dibenzofuran	0.89	U	10	0.89
121-14-2	2,4-Dinitrotoluene	1.1	U	2.1	1.1
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	1.0	U	10	1.0
86-73-7	Fluorene	0.83	U	10	0.83
100-01-6	4-Nitroaniline	0.50	U	10	0.50
86-30-6	N-Nitrosodiphenylamine	0.77	U	10	0.77
101-55-3	4-Bromophenyl phenyl ether	1.1	U	10	1.1
118-74-1	Hexachlorobenzene	0.49	U	1.0	0.49
85-01-8	Phenanthrene	0.68	U	10	0.68
120-12-7	Anthracene	0.59	U	10	0.59
86-74-8	Carbazole	0.89	U	10	0.89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-8 | Lab Sample ID: 460-121167-10

Matrix: Water | Lab File ID: U29939.D

Analysis Method: 625 | Date Collected: 09/29/2016 14:50

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 240(mL) | Date Analyzed: 10/04/2016 10:45

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.85	U	10	0.85
206-44-0	Fluoranthene	0.75	U	10	0.75
129-00-0	Pyrene	0.86	U	10	0.86
85-68-7	Butyl benzyl phthalate	0.63	U	10	0.63
91-94-1	3,3'-Dichlorobenzidine	1.1	U	10	1.1
56-55-3	Benzo[a]anthracene	0.57	U	1.0	0.57
218-01-9	Chrysene	0.70	U	2.1	0.70
117-81-7	Bis(2-ethylhexyl) phthalate	0.75	U	2.1	0.75
117-84-0	Di-n-octyl phthalate	0.72	U	10	0.72
205-99-2	Benzo[b]fluoranthene	0.46	U	1.0	0.46
207-08-9	Benzo[k]fluoranthene	0.19	U	1.0	0.19
50-32-8	Benzo[a]pyrene	0.17	U	1.0	0.17
193-39-5	Indeno[1,2,3-cd]pyrene	0.22	U	1.0	0.22
53-70-3	Dibenz(a,h)anthracene	0.094	U	1.0	0.094
191-24-2	Benzo[g,h,i]perylene	0.78	U	10	0.78
108-60-1	bis (2-chloroisopropyl) ether	0.97	U	10	0.97

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	77		49-125
1718-51-0	Terphenyl-d14	73		28-150
321-60-8	2-Fluorobiphenyl	83		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-8 | Lab Sample ID: 460-121167-10

Matrix: Water | Lab File ID: U29939.D

Analysis Method: 625 | Date Collected: 09/29/2016 14:50

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 240(mL) | Date Analyzed: 10/04/2016 10:45

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

Number TICs Found: 15 | TIC Result Total: 394

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
2234-20-0	2,4-Dimethylstyrene	5.59	22	J N	90%
	Unknown	6.27	20	J	
2443-46-1	Bicyclo[4.4.1]undeca-1,3,5,7,9-pentaene	6.66	18	J N	94%
	Unknown	7.03	24	J	
	Unknown	7.26	29	J	
	Unknown	7.30	19	J	
	Unknown	7.69	26	J	
	Unknown	7.91	66	J	
	Unknown	7.98	18	J	
	Unknown	8.03	19	J	
	Unknown	8.45	29	J	
	Unknown	8.74	28	J	
	Unknown	8.94	31	J	
31158-91-5	Hexadecanoic acid, 1,1-dimethylethyl est	10.47	27	J N	90%
	Unknown	11.25	18	J	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29939.D
Lims ID: 460-121167-G-10-A
Client ID: MW-8
Sample Type: Client
Inject. Date: 04-Oct-2016 10:45:30 ALS Bottle#: 49 Worklist Smp#: 49
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-049
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 16:07:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.582	4.592	-0.010	86	286839	8.00	
$ 28 Nitrobenzene-d5	82	5.129	5.153	-0.024	86	999112	7.71	
37 1,2,4-Trichlorobenzene	180	5.793	5.820	-0.027	70	24219	0.5217	
* 38 Naphthalene-d8	136	5.851	5.861	-0.010	94	955951	8.00	
39 Naphthalene	128	5.875	5.890	-0.015	95	139310	1.14	
45 2-Methylnaphthalene	142	6.561	6.582	-0.021	73	72826	0.7959	
$ 52 2-Fluorobiphenyl	172	6.933	6.953	-0.020	94	818296	8.31	
* 64 Acenaphthene-d10	164	7.599	7.609	-0.010	92	508032	8.00	
66 Acenaphthene	154	7.633	7.651	-0.018	88	21071	0.2387	
* 87 Phenanthrene-d10	188	9.059	9.080	-0.021	96	714289	8.00	
$ 96 Terphenyl-d14	244	10.648	10.666	-0.018	99	688189	7.29	
* 102 Chrysene-d12	240	11.865	11.885	-0.020	98	613176	8.00	
* 109 Perylene-d12	264	13.829	13.843	-0.014	99	639513	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29939.D
Lims ID: 460-121167-G-10-A
Client ID: MW-8
Sample Type: Client
Inject. Date: 04-Oct-2016 10:45:30 ALS Bottle#: 49 Worklist Smp#: 49
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-049
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 16:07:34

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
2234-20-0	2,4-Dimethylstyrene							
5.594	1334060	2.68	38	90	13572	C10H12	132	
Unknown								
6.269	1168865	2.35	38					
2443-46-1	Bicyclo[4.4.1]undeca-1,3,5,7,9-pentaene							
6.664	1098149	2.21	38	94	18506	C11H10	142	
Unknown								
7.026	1300395	2.90	64					
Unknown								
7.263	1555029	3.46	64					
Unknown								
7.297	1037583	2.31	64					
Unknown								
7.689	1399244	3.12	64					
Unknown								
7.913	3580536	7.98	64					
Unknown								
7.980	994930	2.22	64					
Unknown								
8.025	1018589	2.27	64					
Unknown								
8.452	1015743	3.53	87					
Unknown								
8.744	960964	3.34	87					

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
8.935	1069665	3.71	87					
	31158-91-5	Hexadecanoic acid, 1,1-dimethylethyl est						
10.467	798606	3.19	102	90	124099	C20H40O2	312	
		Unknown						
11.245	543286	2.17	102					

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 38 Naphthalene-d8	5.851	3977216	8.00
* 64 Acenaphthene-d10	7.599	3590698	8.00
* 87 Phenanthrene-d10	9.059	2304653	8.00
* 102 Chrysene-d12	11.865	2000987	8.00

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

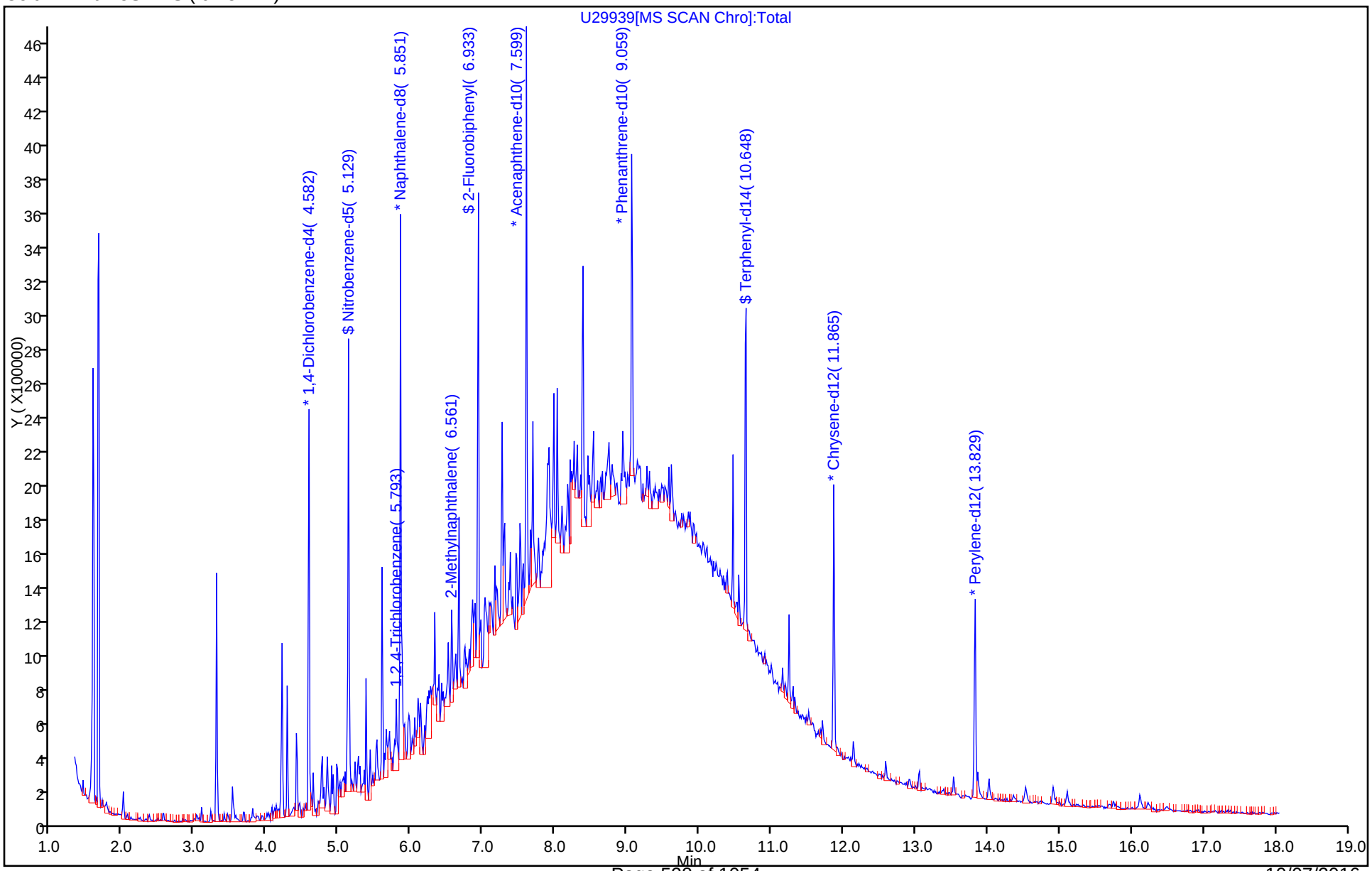
Report Date: 05-Oct-2016 14:17:24 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29939.D

Injection Date:	04-Oct-2016 10:45:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121167-G-10-A	Lab Sample ID:	460-121167-10	Worklist Smp#:	49
Client ID:	MW-8				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	49
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

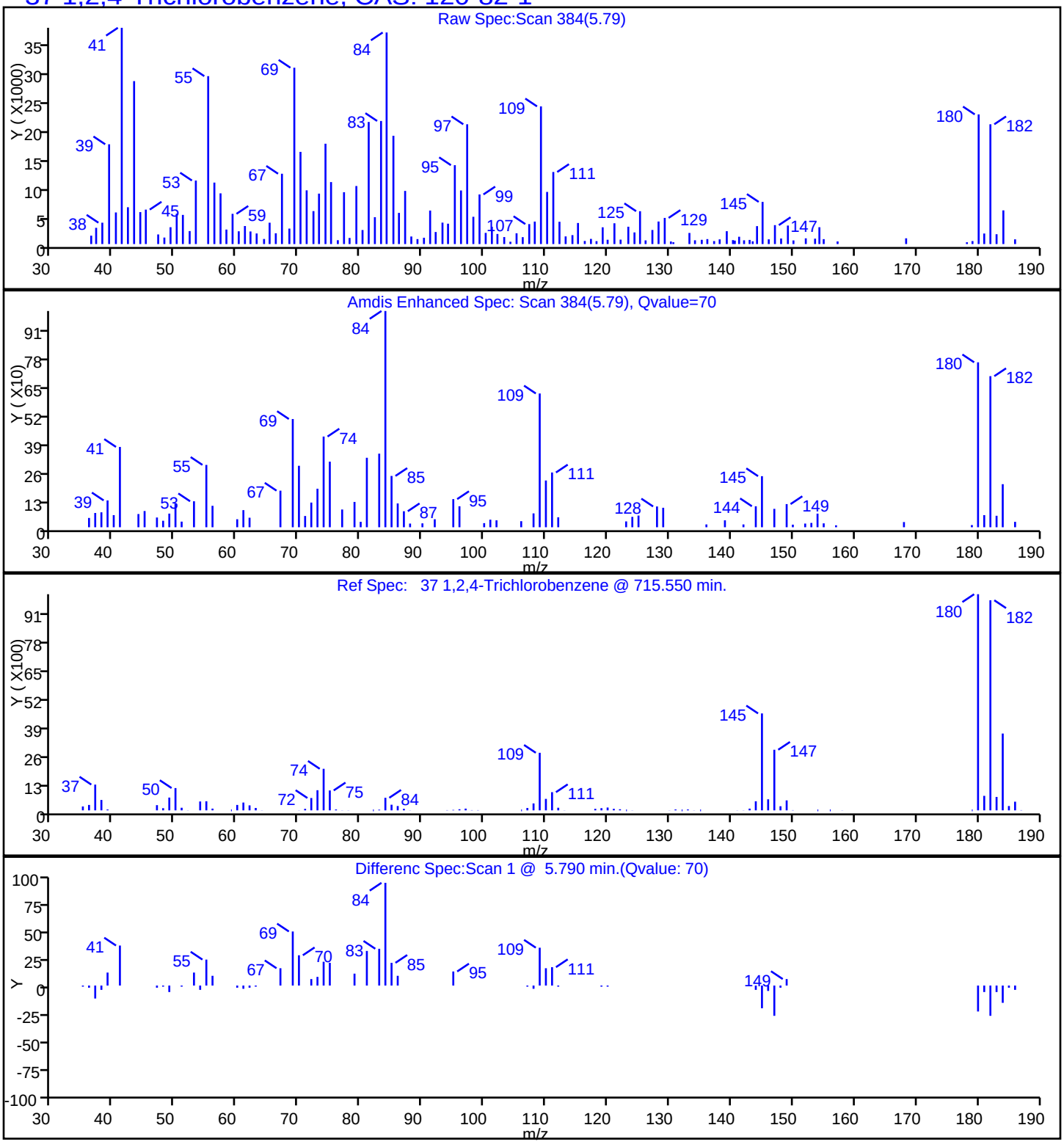
Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29939.D				
Injection Date:	04-Oct-2016 10:45:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-G-10-A	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

37 1,2,4-Trichlorobenzene, CAS: 120-82-1



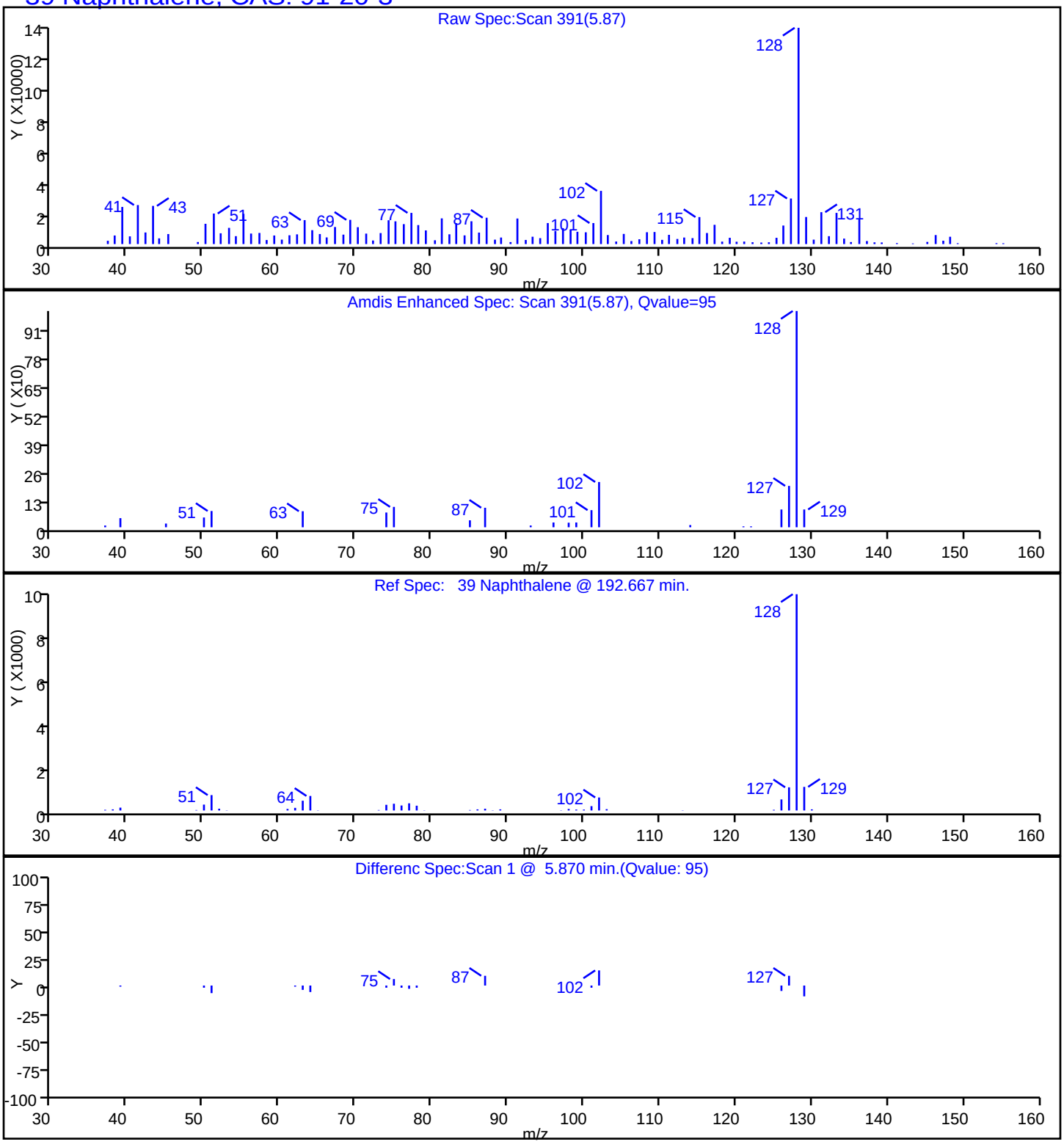
Report Date: 05-Oct-2016 14:17:24 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29939.D

Injection Date:	04-Oct-2016 10:45:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-G-10-A	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

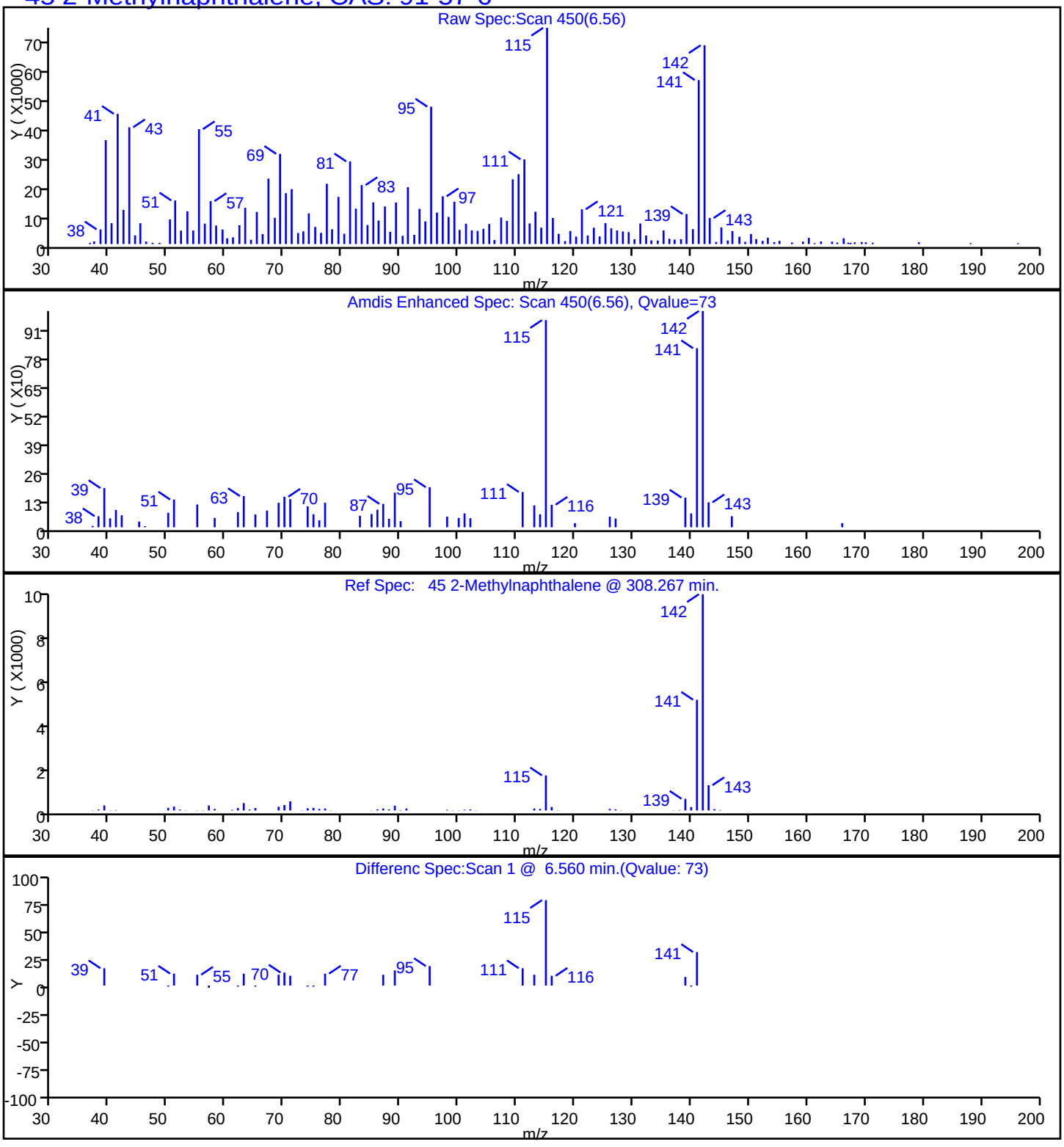
39 Naphthalene, CAS: 91-20-3



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29939.D				
Injection Date:	04-Oct-2016 10:45:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-G-10-A	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

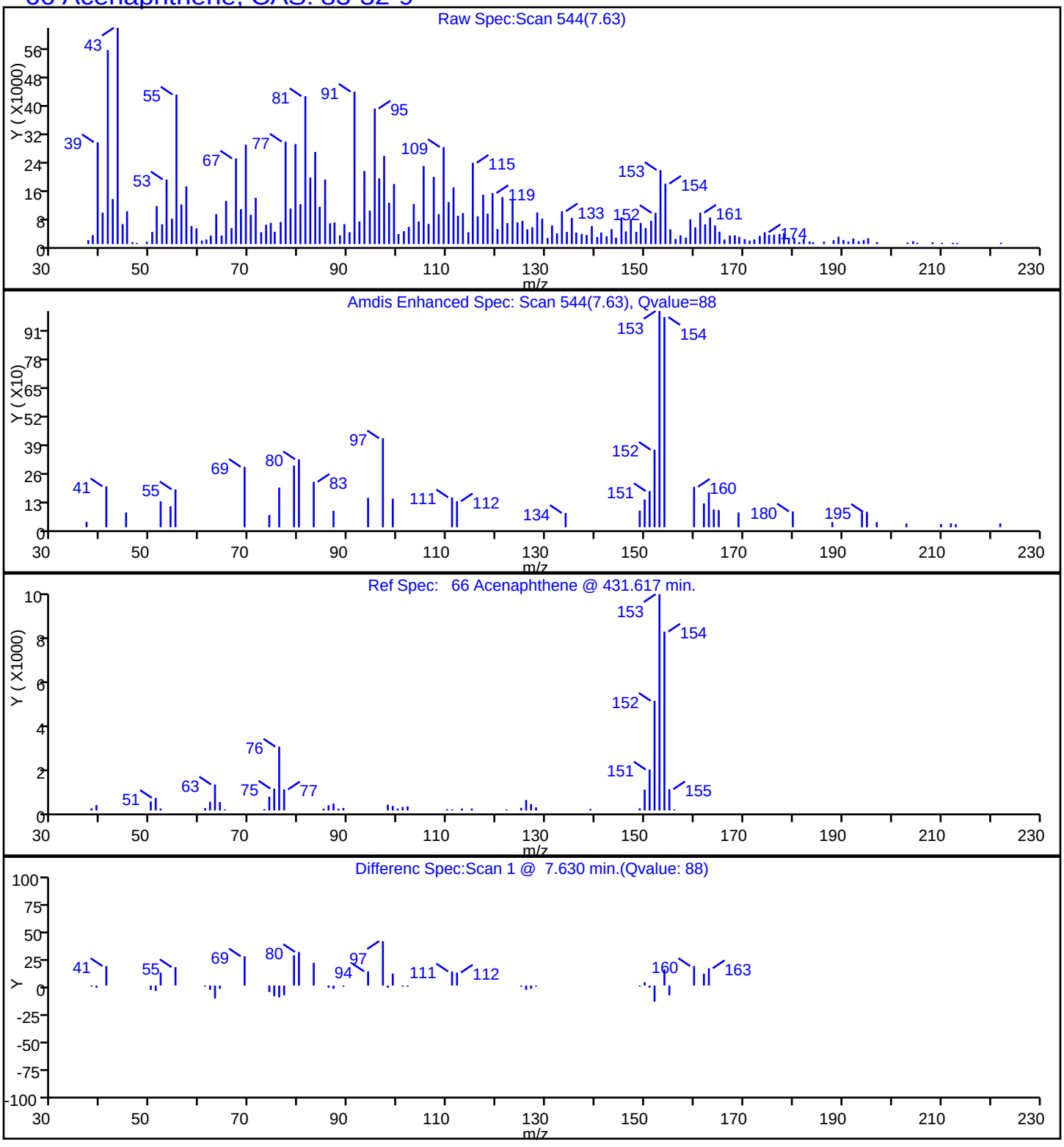
45 2-Methylnaphthalene, CAS: 91-57-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29939.D				
Injection Date:	04-Oct-2016 10:45:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-G-10-A	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 Acenaphthene, CAS: 83-32-9

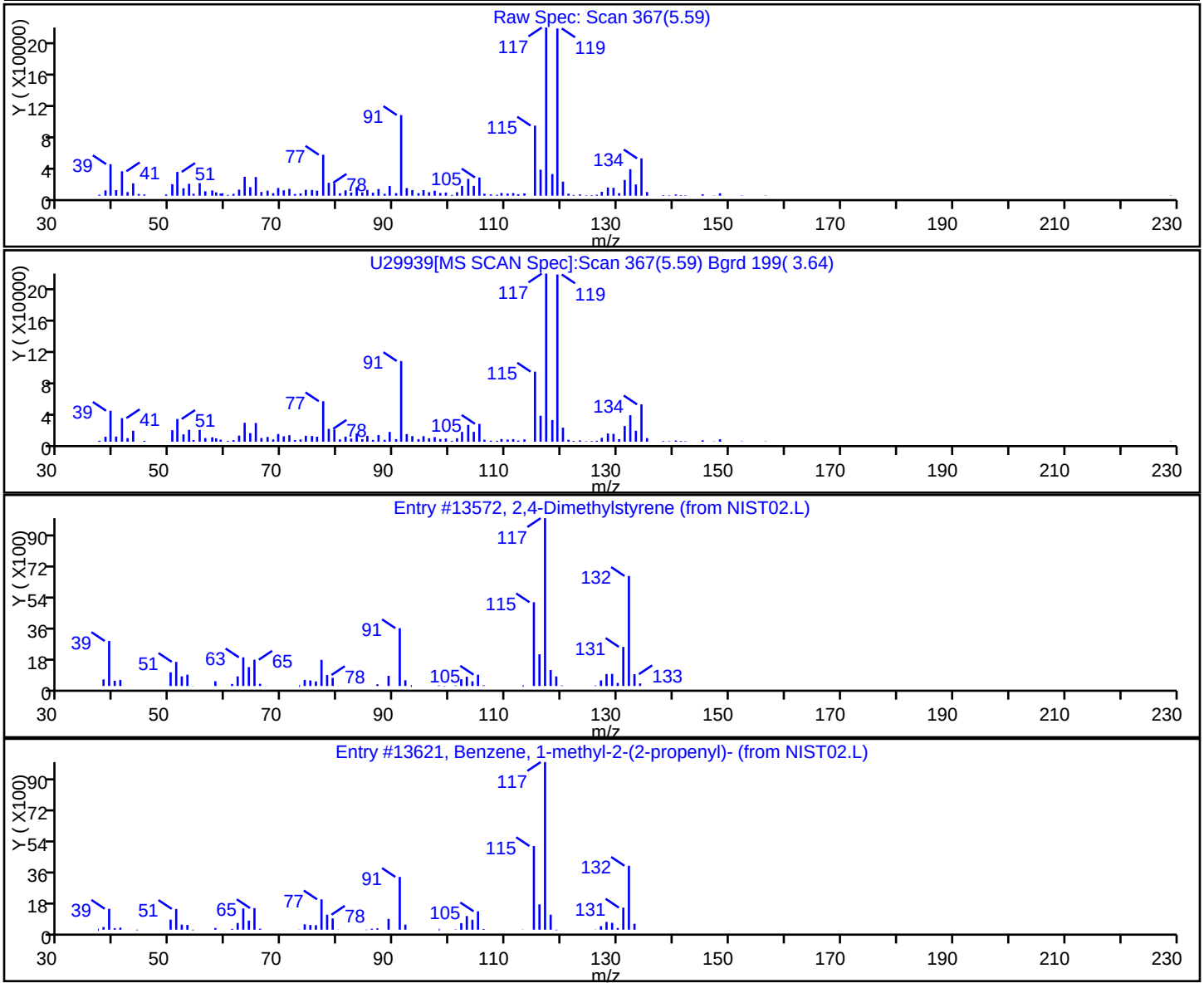


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29939.D

Injection Date:	04-Oct-2016 10:45:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-G-10-A	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
2,4-Dimethylstyrene	2234-20-0	NIST02.L	13572	C10H12	132	90
Benzene, 1-methyl-2-(2-propenyl)-	1587-04-8	NIST02.L	13621	C10H12	132	90



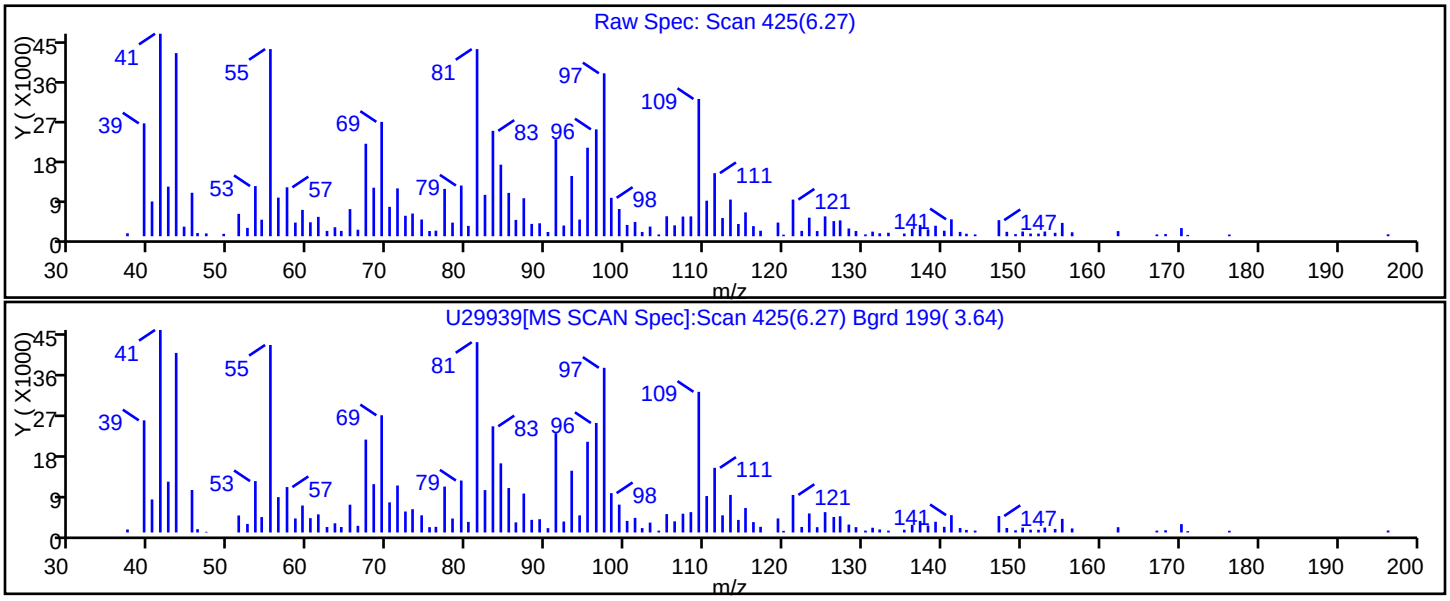
Report Date: 05-Oct-2016 14:17:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29939.D

Injection Date:	04-Oct-2016 10:45:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-G-10-A	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

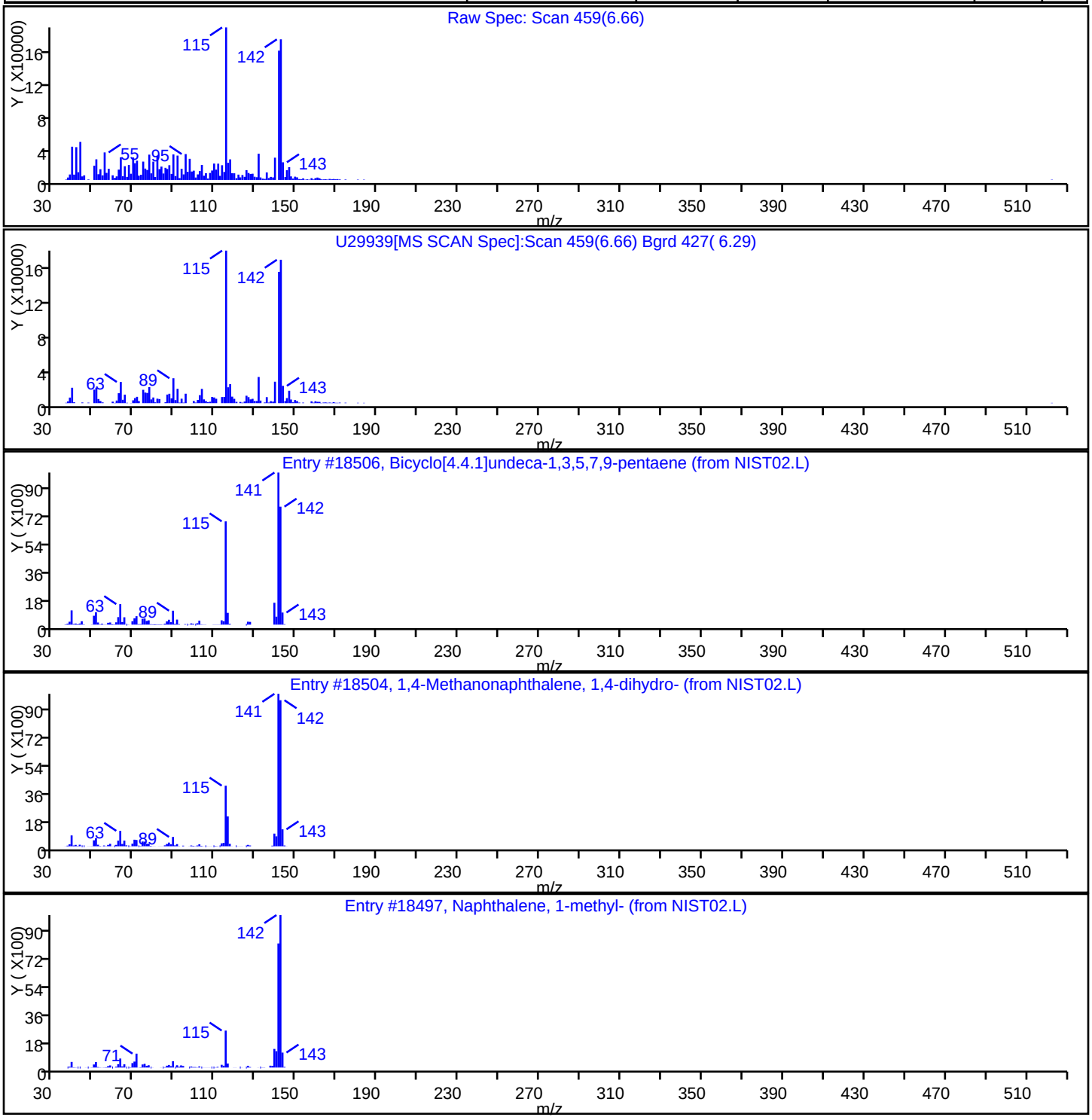


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29939.D

Injection Date:	04-Oct-2016 10:45:30	Instrument ID:	CBNAMS4
Lims ID:	460-121167-G-10-A	Lab Sample ID:	460-121167-10
Client ID:	MW-8		
Operator ID:		ALS Bottle#:	49 Worklist Smp#: 49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Bicyclo[4.4.1]undeca-1,3,5,7,9-pentaene	2443-46-1	NIST02.L	18506	C11H10	142	94
1,4-Methanonaphthalene, 1,4-dihydro-	4453-90-1	NIST02.L	18504	C11H10	142	91
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18497	C11H10	142	90



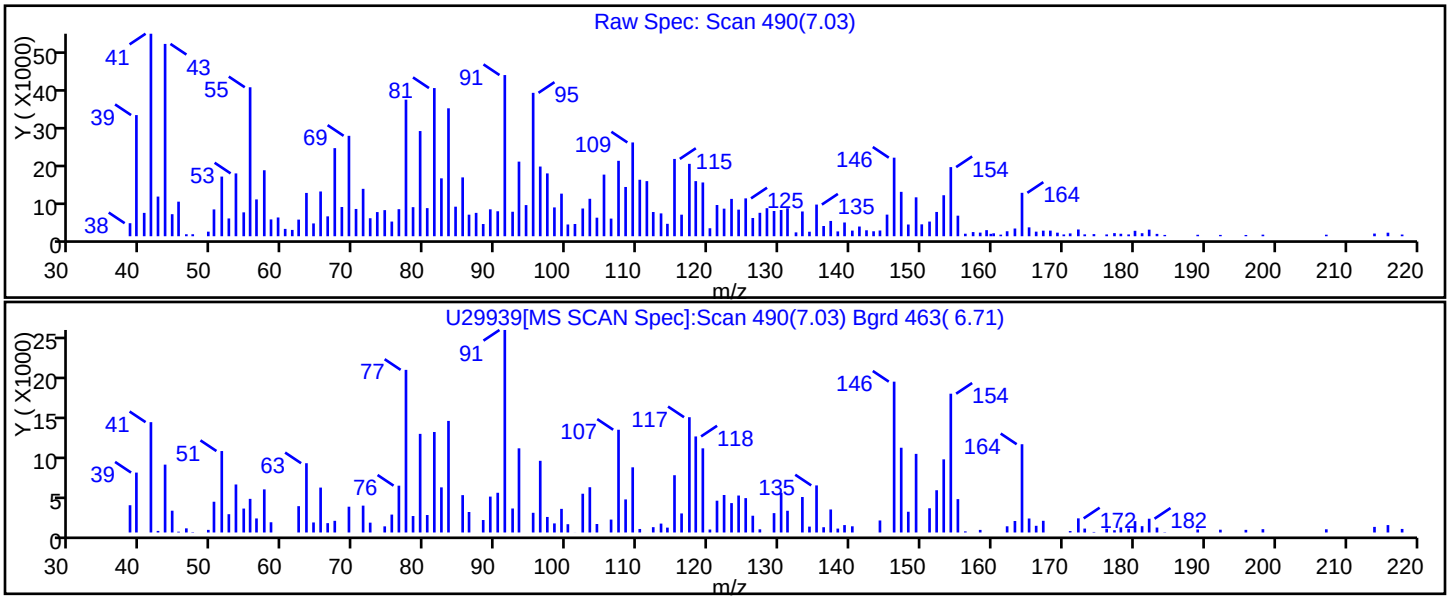
Report Date: 05-Oct-2016 14:17:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29939.D

Injection Date:	04-Oct-2016 10:45:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-G-10-A	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



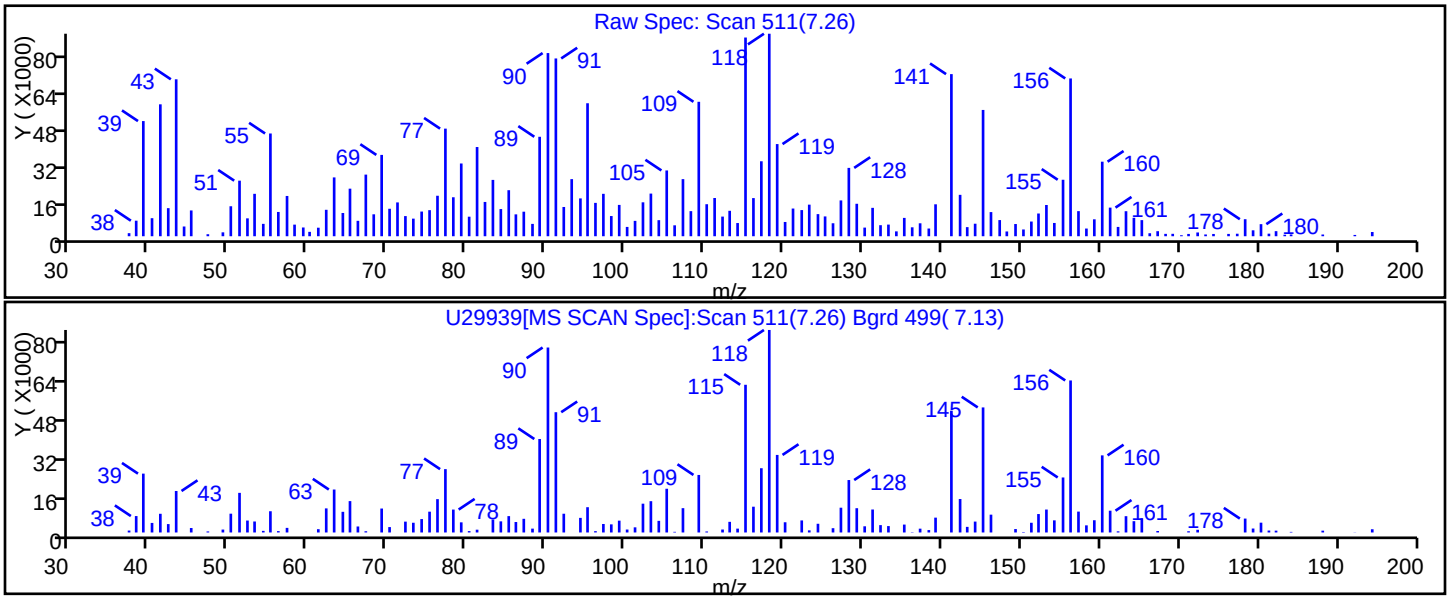
Report Date: 05-Oct-2016 14:17:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29939.D

Injection Date:	04-Oct-2016 10:45:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-G-10-A	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



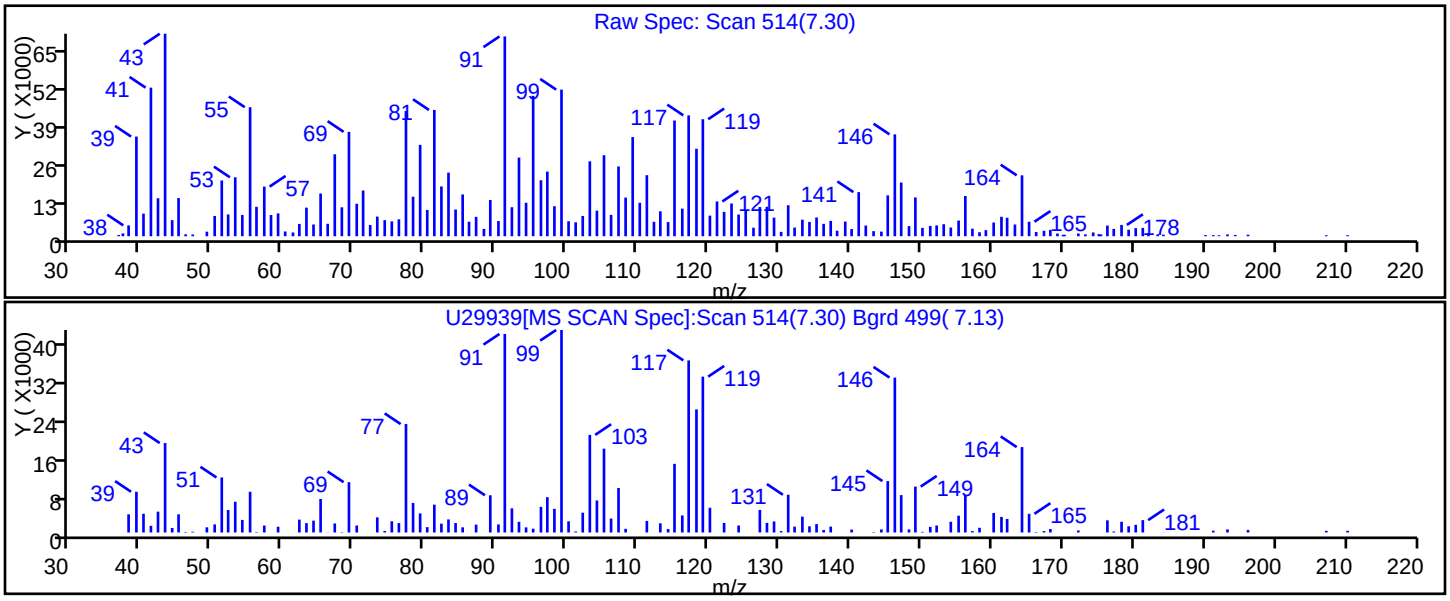
Report Date: 05-Oct-2016 14:17:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29939.D

Injection Date:	04-Oct-2016 10:45:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-G-10-A	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



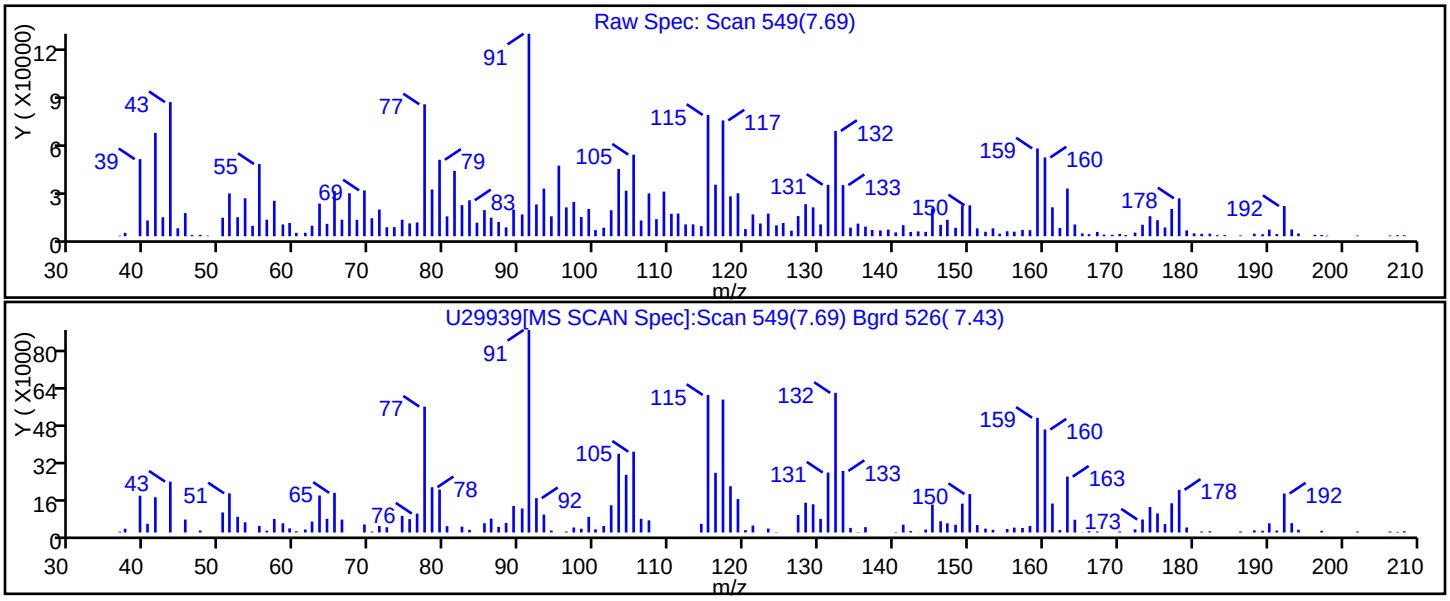
Report Date: 05-Oct-2016 14:17:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29939.D

Injection Date:	04-Oct-2016 10:45:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-G-10-A	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



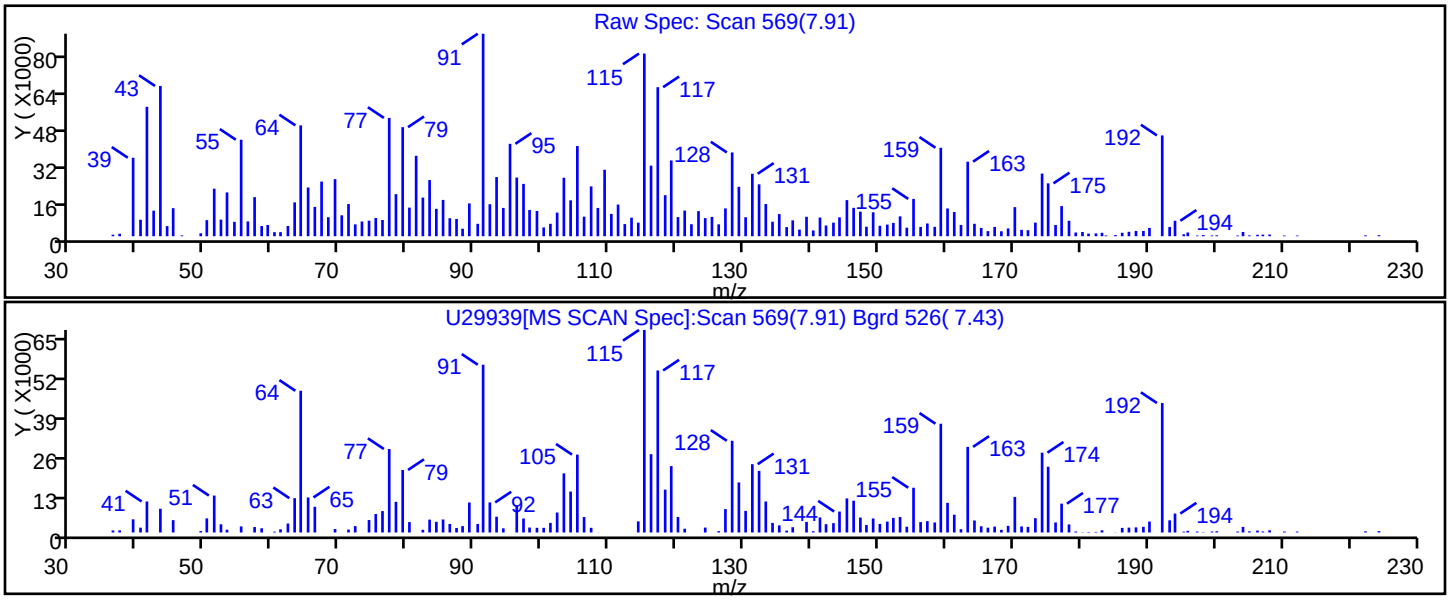
Report Date: 05-Oct-2016 14:17:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29939.D

Injection Date:	04-Oct-2016 10:45:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-G-10-A	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



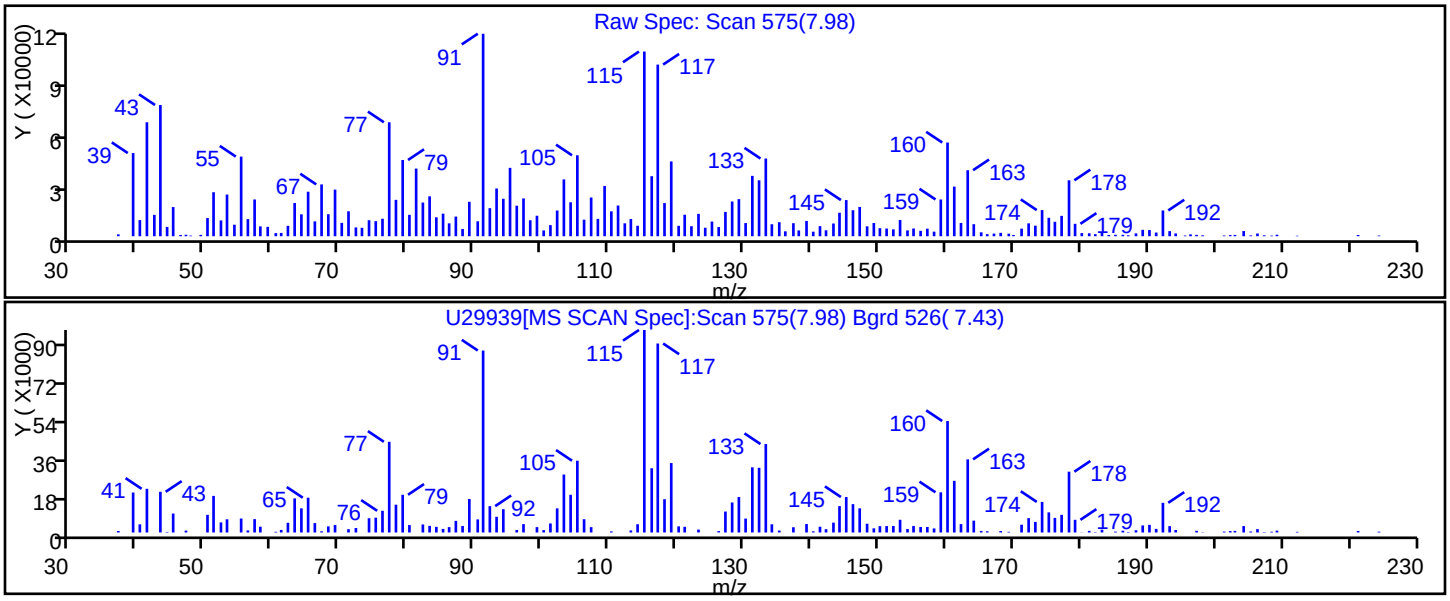
Report Date: 05-Oct-2016 14:17:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29939.D

Injection Date:	04-Oct-2016 10:45:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-G-10-A	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

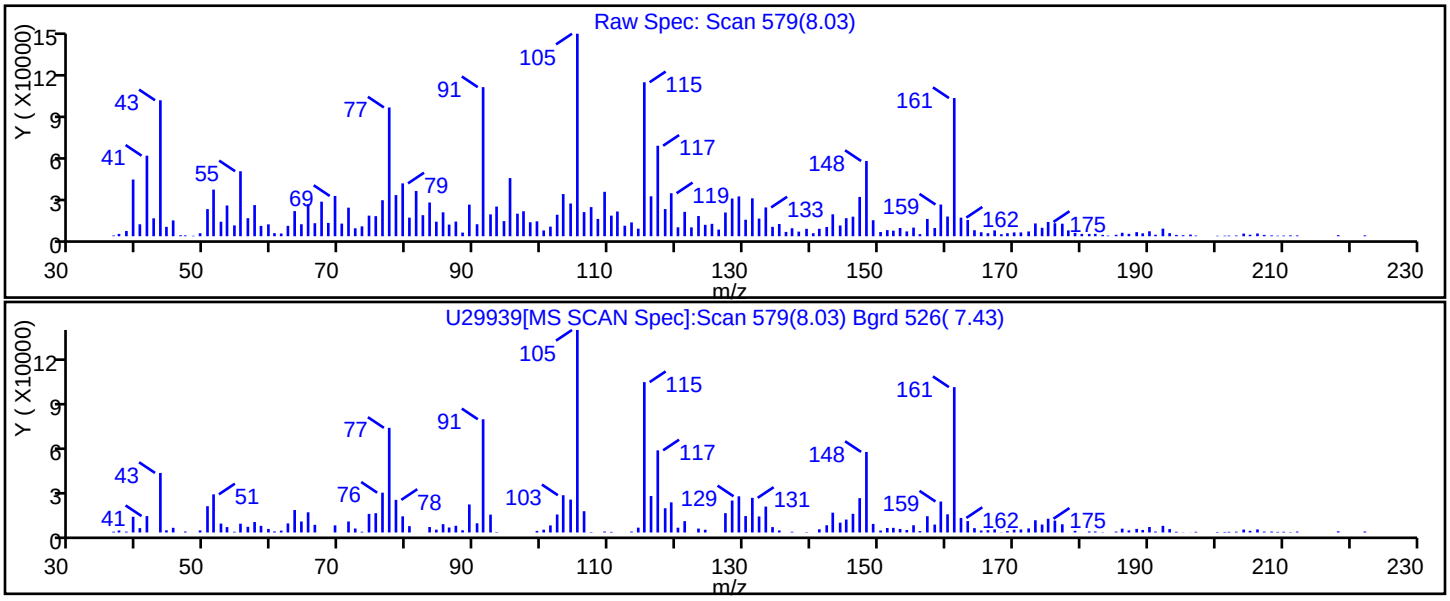


Report Date: 05-Oct-2016 14:17:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29939.D				
Injection Date:	04-Oct-2016 10:45:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-G-10-A	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



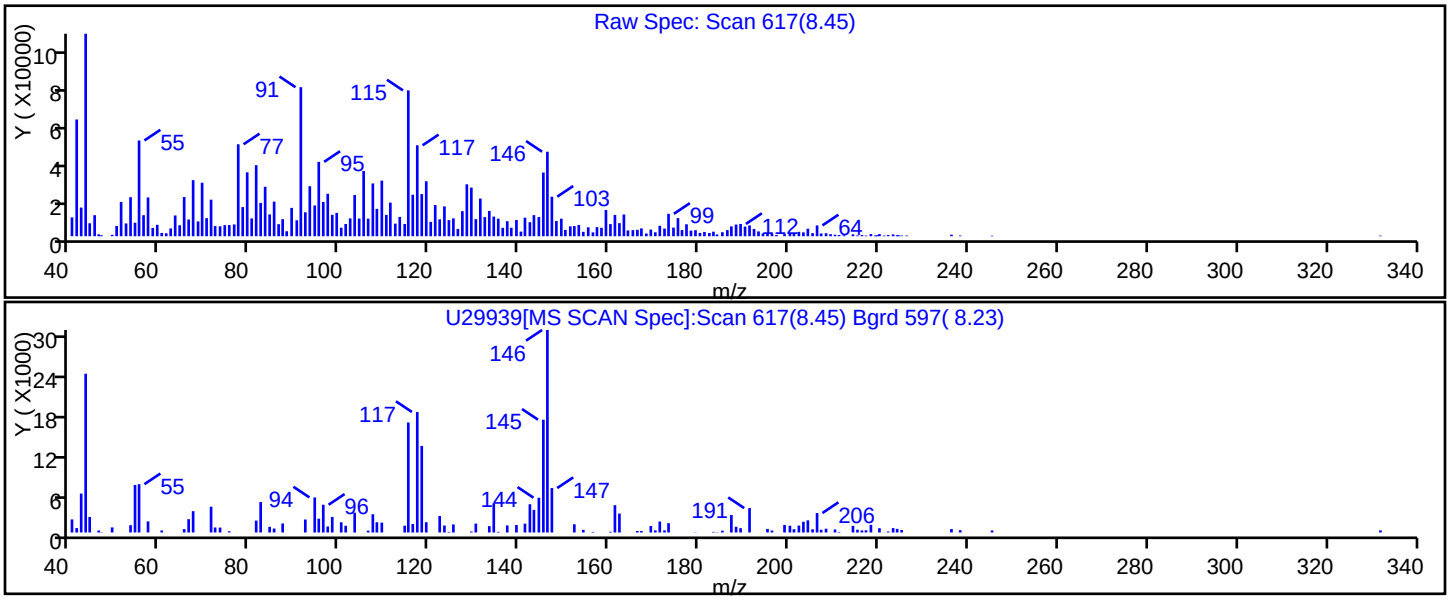
Report Date: 05-Oct-2016 14:17:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29939.D

Injection Date:	04-Oct-2016 10:45:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-G-10-A	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



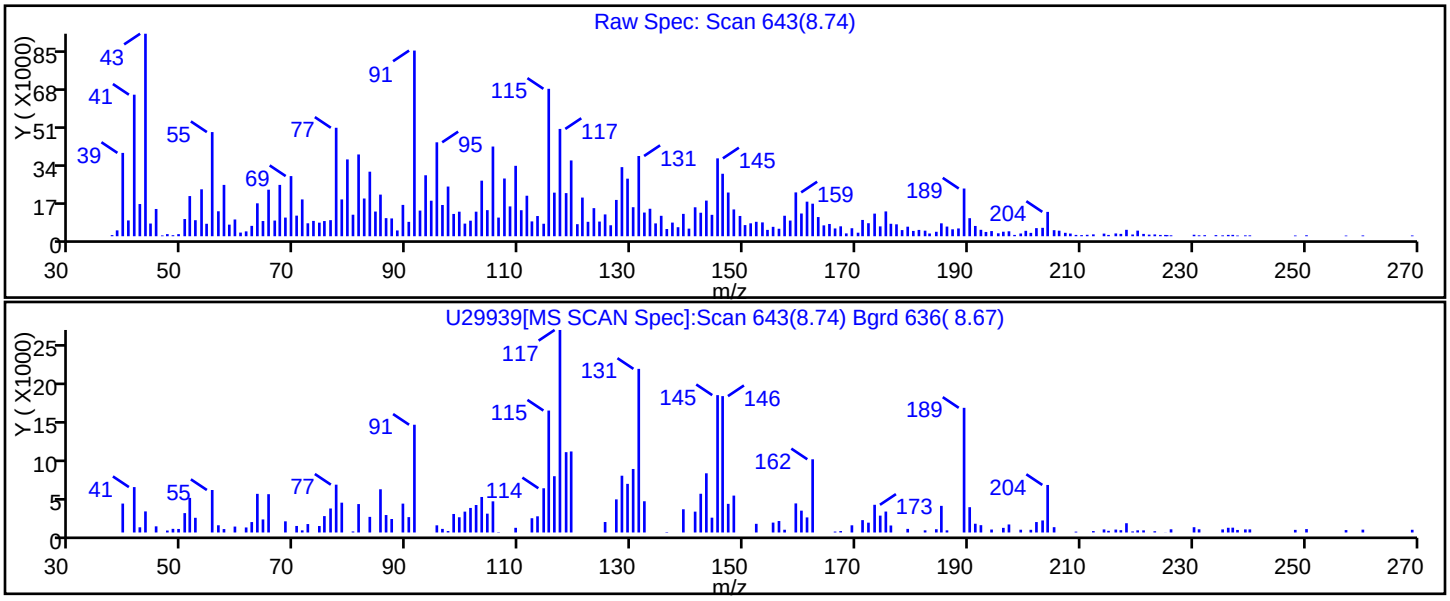
Report Date: 05-Oct-2016 14:17:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29939.D

Injection Date:	04-Oct-2016 10:45:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-G-10-A	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

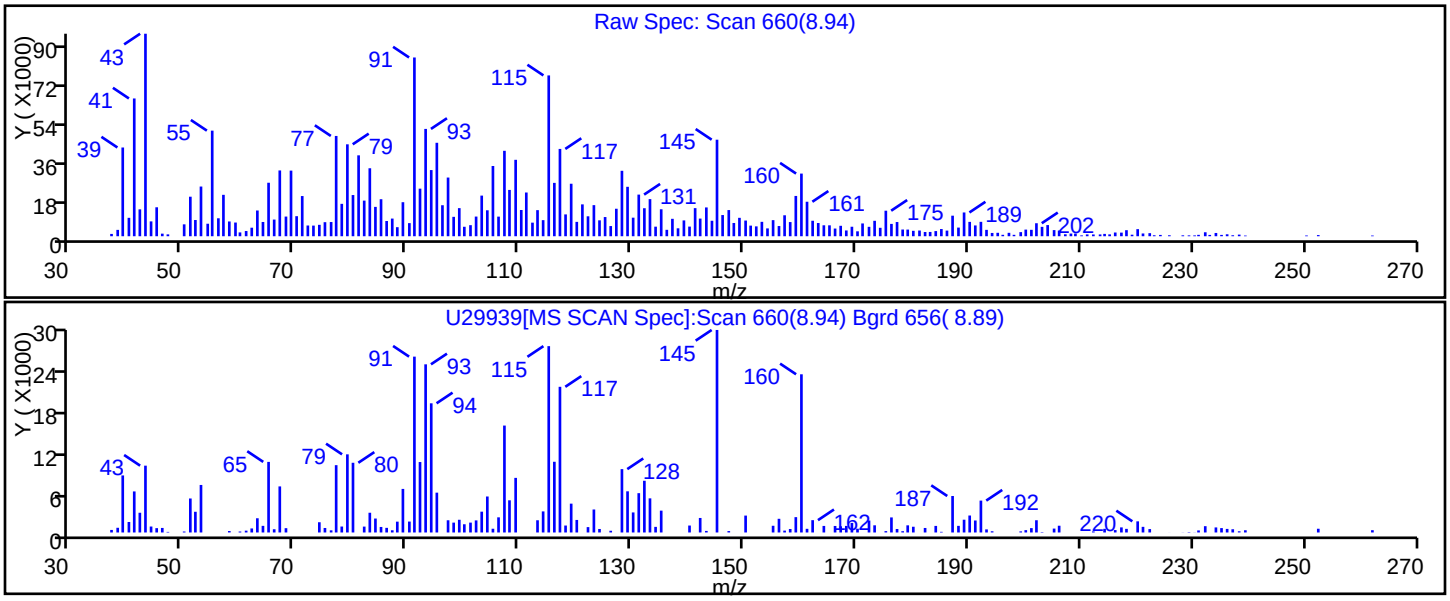


Report Date: 05-Oct-2016 14:17:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29939.D				
Injection Date:	04-Oct-2016 10:45:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-G-10-A	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



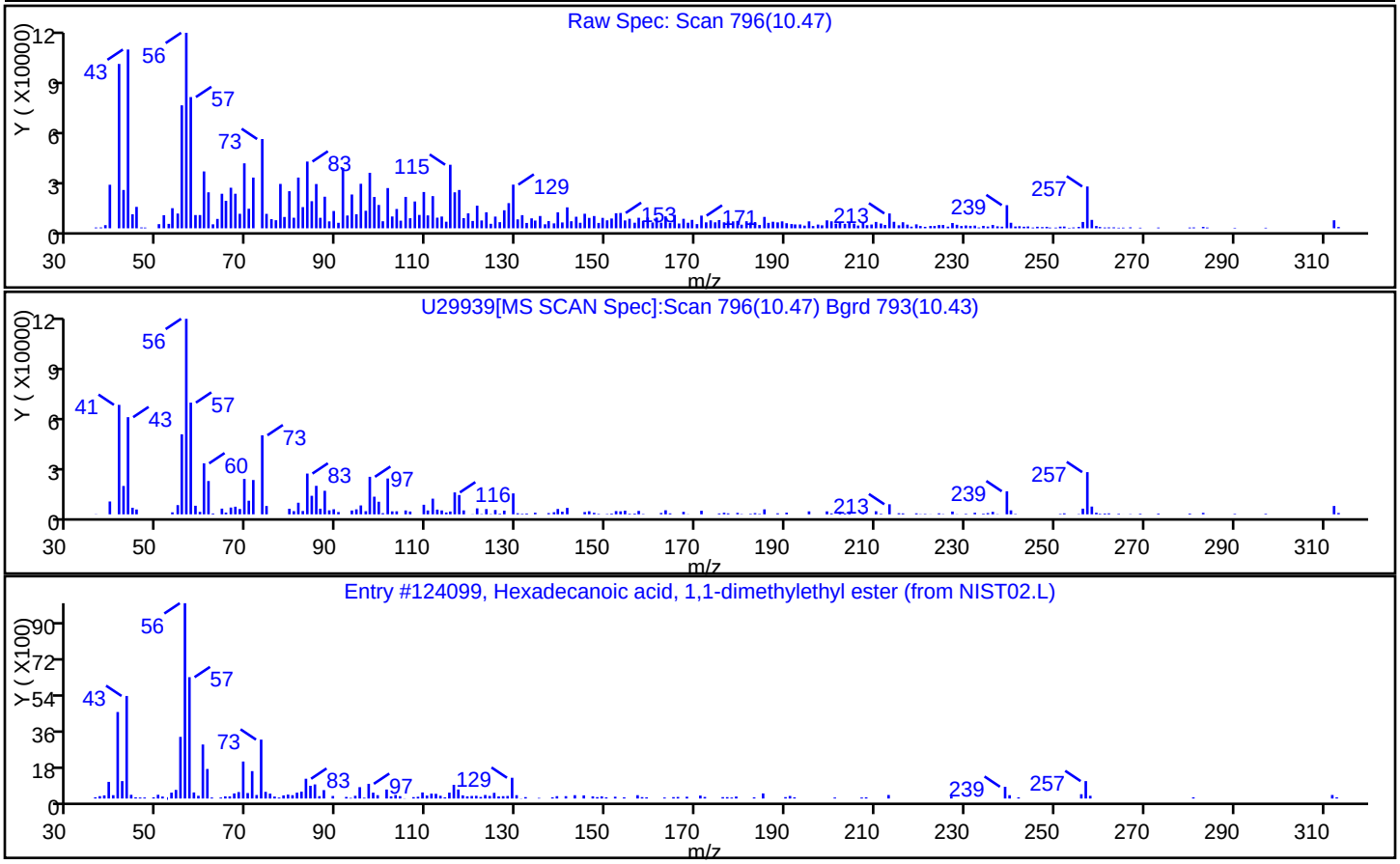
Report Date: 05-Oct-2016 14:17:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29939.D

Injection Date:	04-Oct-2016 10:45:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-G-10-A	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecanoic acid, 1,1-dimethylethyl est	31158-91-5	NIST02.L	124099	C20H40O2	312	90



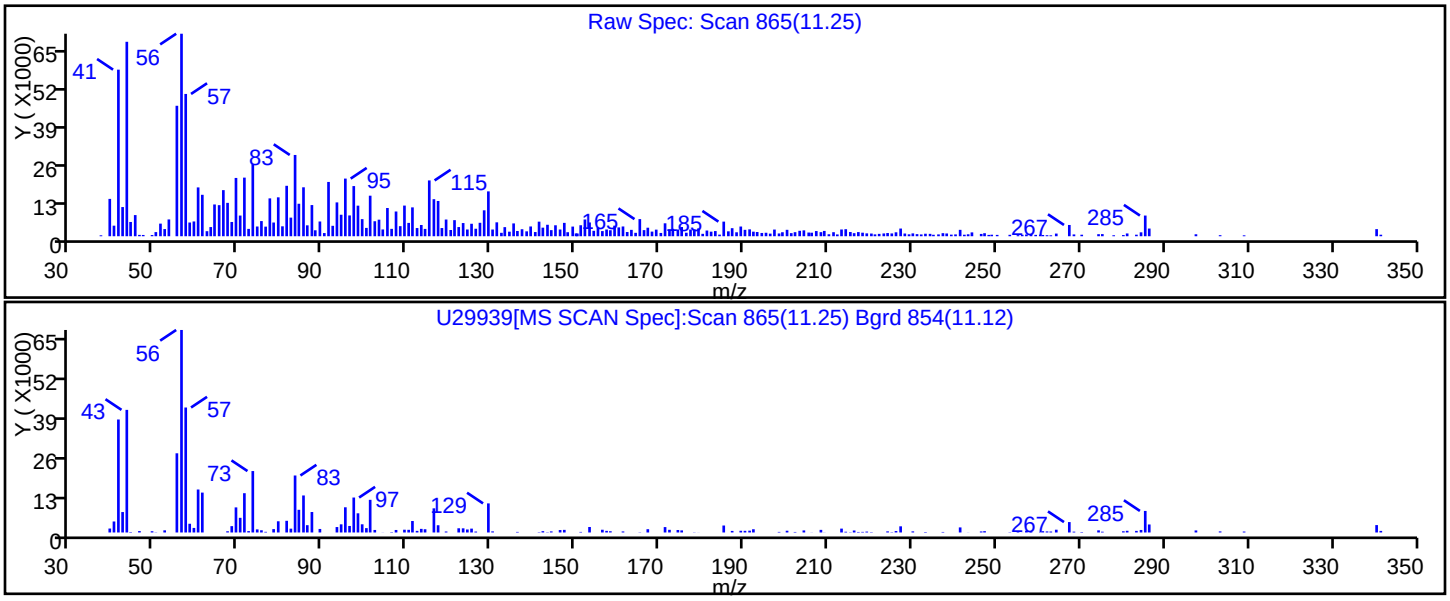
Report Date: 05-Oct-2016 14:17:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29939.D

Injection Date:	04-Oct-2016 10:45:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-G-10-A	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: FB-20160929 | Lab Sample ID: 460-121167-11

Matrix: Water | Lab File ID: U29947.D

Analysis Method: 625 | Date Collected: 09/29/2016 15:40

Extract. Method: 625 | Date Extracted: 10/03/2016 20:21

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 13:43

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.12	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.1	U	10	1.1
106-46-7	1,4-Dichlorobenzene	0.66	U	10	0.66
95-50-1	1,2-Dichlorobenzene	0.83	U	10	0.83
621-64-7	N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83
67-72-1	Hexachloroethane	0.090	U	1.0	0.090
98-95-3	Nitrobenzene	0.49	U	1.0	0.49
78-59-1	Isophorone	0.67	U	10	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.69	U	10	0.69
120-82-1	1,2,4-Trichlorobenzene	0.61	U	1.0	0.61
91-20-3	Naphthalene	0.80	U	10	0.80
106-47-8	4-Chloroaniline	0.73	U	10	0.73
87-68-3	Hexachlorobutadiene	0.76	U	1.0	0.76
91-57-6	2-Methylnaphthalene	0.88	U	10	0.88
77-47-4	Hexachlorocyclopentadiene	0.61	U	10	0.61
91-58-7	2-Chloronaphthalene	0.61	U	10	0.61
88-74-4	2-Nitroaniline	0.65	U	10	0.65
131-11-3	Dimethyl phthalate	0.98	U	10	0.98
208-96-8	Acenaphthylene	0.65	U	10	0.65
606-20-2	2,6-Dinitrotoluene	0.88	U	2.0	0.88
99-09-2	3-Nitroaniline	0.82	U	10	0.82
83-32-9	Acenaphthene	0.88	U	10	0.88
132-64-9	Dibenzofuran	0.85	U	10	0.85
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	0.96	U	10	0.96
86-73-7	Fluorene	0.80	U	10	0.80
100-01-6	4-Nitroaniline	0.48	U	10	0.48
86-30-6	N-Nitrosodiphenylamine	0.74	U	10	0.74
101-55-3	4-Bromophenyl phenyl ether	1.0	U	10	1.0
118-74-1	Hexachlorobenzene	0.47	U	1.0	0.47
85-01-8	Phenanthrene	0.65	U	10	0.65
120-12-7	Anthracene	0.57	U	10	0.57
86-74-8	Carbazole	0.85	U *	10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: FB-20160929 | Lab Sample ID: 460-121167-11

Matrix: Water | Lab File ID: U29947.D

Analysis Method: 625 | Date Collected: 09/29/2016 15:40

Extract. Method: 625 | Date Extracted: 10/03/2016 20:21

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 13:43

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.82	U	10	0.82
206-44-0	Fluoranthene	0.72	U	10	0.72
129-00-0	Pyrene	0.83	U	10	0.83
85-68-7	Butyl benzyl phthalate	0.60	U	10	0.60
91-94-1	3,3'-Dichlorobenzidine	1.0	U	10	1.0
56-55-3	Benzo[a]anthracene	0.55	U	1.0	0.55
218-01-9	Chrysene	0.67	U	2.0	0.67
117-81-7	Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72
117-84-0	Di-n-octyl phthalate	0.69	U	10	0.69
205-99-2	Benzo[b]fluoranthene	0.44	U	1.0	0.44
207-08-9	Benzo[k]fluoranthene	0.18	U	1.0	0.18
50-32-8	Benzo[a]pyrene	0.16	U	1.0	0.16
193-39-5	Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21
53-70-3	Dibenz(a,h)anthracene	0.090	U	1.0	0.090
191-24-2	Benzo[g,h,i]perylene	0.75	U	10	0.75
108-60-1	bis (2-chloroisopropyl) ether	0.93	U	10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	66		49-125
1718-51-0	Terphenyl-d14	62		28-150
321-60-8	2-Fluorobiphenyl	69		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: FB-20160929 | Lab Sample ID: 460-121167-11

Matrix: Water | Lab File ID: U29947.D

Analysis Method: 625 | Date Collected: 09/29/2016 15:40

Extract. Method: 625 | Date Extracted: 10/03/2016 20:21

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 13:43

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

Number TICs Found: 2 | TIC Result Total: 59

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	5.39	14	J	
	Unknown	7.57	45	J	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29947.D
Lims ID: 460-121167-G-11-A
Client ID: FB-20160929
Sample Type: Client
Inject. Date: 04-Oct-2016 13:43:30 ALS Bottle#: 57 Worklist Smp#: 57
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-057
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: croccom Date: 04-Oct-2016 14:28:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.572	4.592	-0.020	84	311276	8.00	
$ 28 Nitrobenzene-d5	82	5.133	5.153	-0.020	85	987977	6.59	
* 38 Naphthalene-d8	136	5.853	5.861	-0.008	95	1105739	8.00	
$ 52 2-Fluorobiphenyl	172	6.928	6.953	-0.025	95	803270	6.89	
* 64 Acenaphthene-d10	164	7.592	7.609	-0.017	91	601443	8.00	
* 87 Phenanthrene-d10	188	9.059	9.080	-0.021	97	1143746	8.00	
$ 96 Terphenyl-d14	244	10.635	10.666	-0.031	97	867169	6.17	
* 102 Chrysene-d12	240	11.858	11.885	-0.027	99	913512	8.00	
* 109 Perylene-d12	264	13.819	13.843	-0.024	98	779414	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29947.D				
Lims ID:	460-121167-G-11-A				
Client ID:	FB-20160929				
Sample Type:	Client				
Inject. Date:	04-Oct-2016 13:43:30	ALS Bottle#:	57	Worklist Smp#:	57
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0046376-057				
Operator ID:		Instrument ID:	CBNAMS4		
Method:	\\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m				
Limit Group:	SV 625 ICAL				
Last Update:	05-Oct-2016 14:14:45	Calib Date:	03-Oct-2016 22:15:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\ChromNA\Edison\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK030				
First Level Reviewer: croccom		Date:	04-Oct-2016 14:28:21		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	Unknown							
5.388	728995	1.71	38					
	Unknown							
7.569	2518240	5.66	64					

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 38 Naphthalene-d8	5.853	3414132	8.00
* 64 Acenaphthene-d10	7.592	3556817	8.00

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

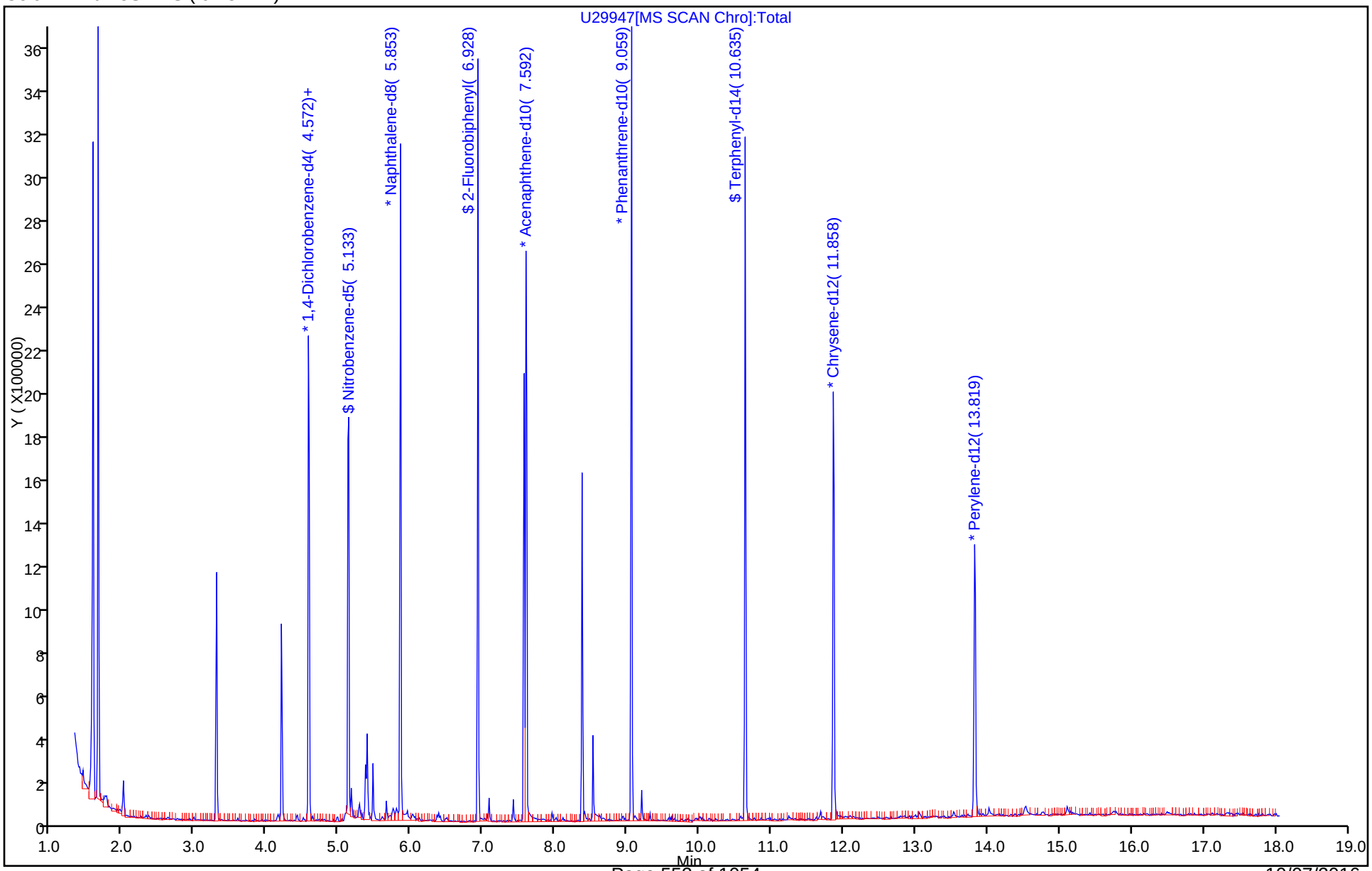
Report Date: 05-Oct-2016 14:20:03 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29947.D

Injection Date:	04-Oct-2016 13:43:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121167-G-11-A	Lab Sample ID:	460-121167-11	Worklist Smp#:	57
Client ID:	FB-20160929				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	57
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



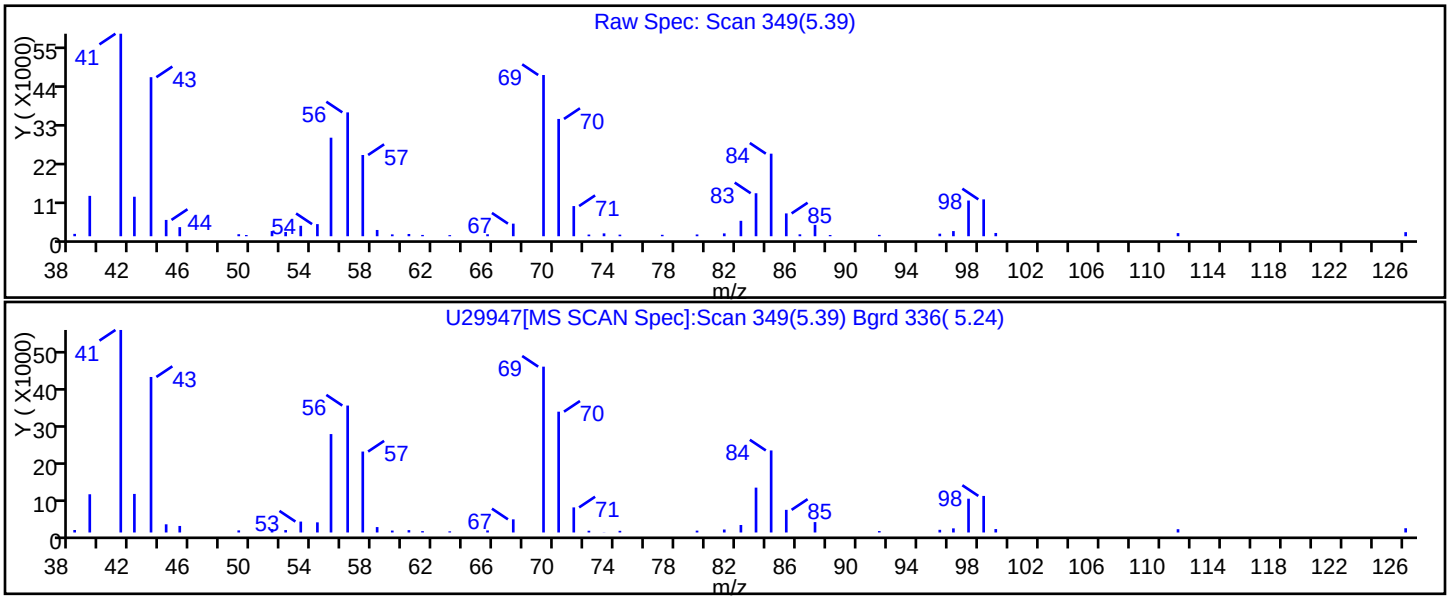
Report Date: 05-Oct-2016 14:20:03 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29947.D

Injection Date:	04-Oct-2016 13:43:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-G-11-A	Lab Sample ID:	460-121167-11		
Client ID:	FB-20160929				
Operator ID:		ALS Bottle#:	57	Worklist Smp#:	57
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

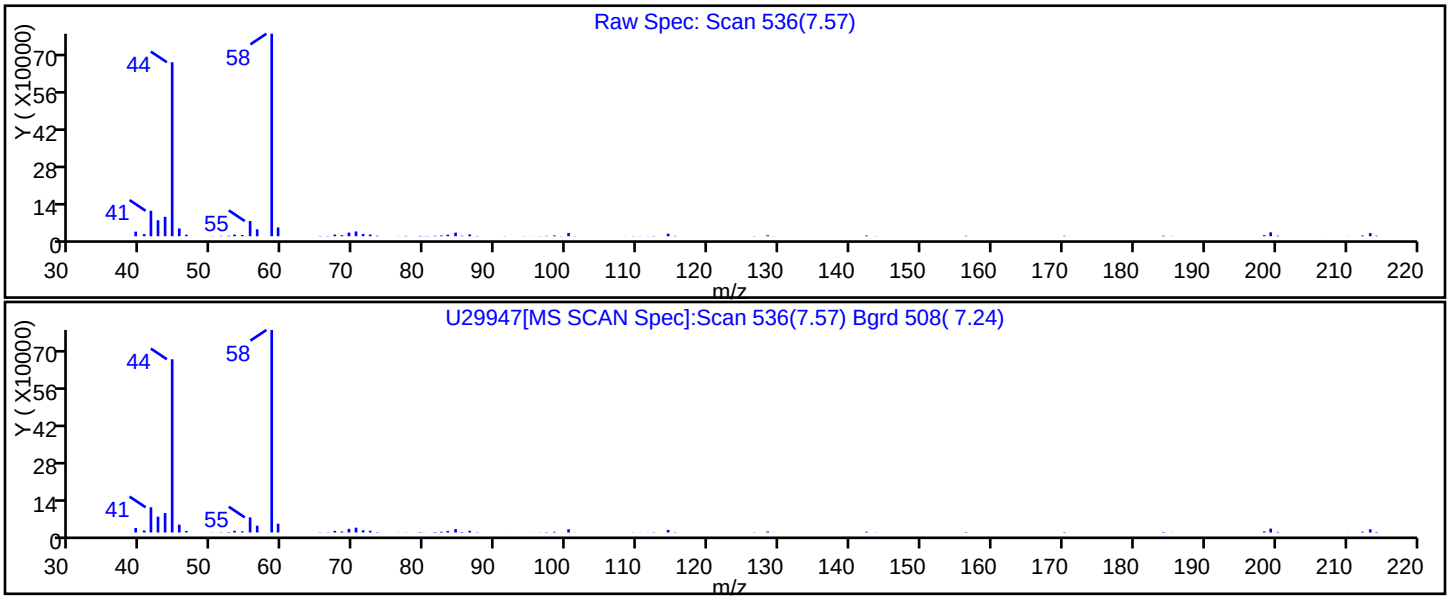


Report Date: 05-Oct-2016 14:20:03 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29947.D				
Injection Date:	04-Oct-2016 13:43:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121167-G-11-A	Lab Sample ID:	460-121167-11		
Client ID:	FB-20160929				
Operator ID:		ALS Bottle#:	57	Worklist Smp#:	57
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



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

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 394601

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2016 16:32 Calibration End Date: 10/03/2016 19:27 Calibration ID: 58230

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-394601/9	U29899.D
Level 2	STD02 460-394601/8	U29898.D
Level 3	STD1 460-394601/7	U29897.D
Level 4	STD2 460-394601/6	U29896.D
Level 5	STD4 460-394601/5	U29895.D
Level 6	ICIS 460-394601/2	U29892.D
Level 7	STD16 460-394601/4	U29894.D
Level 8	STD24 460-394601/3	U29893.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								
1,4-Dioxane	1.2103	1.2779	1.4733 1.1461	1.4311	1.3445	Ave		1.3139				9.6		35.0			
N-Nitrosodimethylamine	1.7058	1.8111	1.8638 1.6510	1.9842	2.0257	Ave		1.8403				8.1		35.0			
Pyridine	2.7416	2.6759	2.9902 2.4573	3.3967	2.7496	Ave		2.8352				11.4		35.0			
Phenol	3.7930	3.8377	3.8223 3.2462	4.0135	4.1973	Ave		3.8183				8.4		35.0			
Aniline	4.2500	4.2968	5.1174 3.8804	5.1352	4.8355	Ave		4.5859				11.3		35.0			
Bis(2-chloroethyl)ether	3.7078 2.9467	3.8680 3.0570	3.4536 2.7852	3.7775	3.5496	Ave		3.3932				12.1		35.0			
Benzonitrile	4.9653	4.6204	5.4988 4.3415	4.3286	5.6544	Ave		4.9015				11.7		35.0			
2-Chlorophenol	1.4807	1.4131	1.5532 1.3585	1.6769	1.5506	Ave		1.5055				7.5		35.0			
Decane	1.9683	1.9250	2.4759 1.5885	2.5236	2.3506	Ave		2.1386				17.3		35.0			
1,3-Dichlorobenzene	1.4565	1.4595	1.5797 1.3828	1.7107	1.5736	Ave		1.5271				7.7		35.0			
1,4-Dichlorobenzene	1.4267	1.4124	1.5122 1.3467	1.6194	1.5676	Ave		1.4808				7.0		35.0			
Benzyl alcohol	1.8247	1.9134	1.8689 1.7769	1.8358	1.9063	Ave		1.8543				2.8		35.0			
1,2-Dichlorobenzene	1.3988	1.3393	1.5853 1.2575	1.7353	1.5360	Ave		1.4754				11.9		35.0			
2-Methylphenol	2.4561	2.3494	2.5614 2.2085	2.7800	2.6123	Ave		2.4946				8.1		35.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 394601

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2016 16:32 Calibration End Date: 10/03/2016 19:27 Calibration ID: 58230

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								
bis (2-chloroisopropyl) ether	3.0164	2.9335	3.6681 2.4844	3.7751	3.7236	Ave		3.2668				16.3		35.0			
N-Methylaniline	3.6687	3.5847	4.3336 3.3703	3.3048	4.2341	Ave		3.7494				11.6		35.0			
Acetophenone	3.1384	3.0633	4.0858 2.8589	4.2116	4.0731	Ave		3.5718				17.2		35.0			
N-Nitrosodi-n-propylamine	2.0306 1.5830	2.4370 1.6098	2.1892 1.6357	2.0029	1.8836	Ave		1.9215			0.0500	15.9		35.0			
4-Methylphenol	2.5212	2.5069	2.9751 2.3263	2.9232	2.7649	Ave		2.6696				9.7		35.0			
Hexachloroethane	1.5478 1.2421	1.6405 1.1948	1.3039 1.1007	1.4529	1.3222	Ave		1.3506				13.6		35.0			
Nitrobenzene	1.3366 0.9332	1.2378 0.9136	1.3187 0.8346	1.1709	1.1621	Ave		1.1134				17.4		35.0			
n,n'-Dimethylaniline	4.0982 2.6155	3.3888 2.4540	3.2322 2.3957	2.3314	3.1293	Ave		2.9556				20.9		35.0			
Isophorone	1.7508	1.9818 1.7375	2.1614 1.7030	2.0955	1.9256	Ave		1.9079				9.6		35.0			
2-Nitrophenol	0.2586	0.2503	0.2577 0.2295	0.2899	0.2657	Ave		0.2586				7.6		35.0			
2,4-Dimethylphenol	0.4570	0.4436	0.5873 0.4417	0.5136	0.4819	Ave		0.4875				11.5		35.0			
Bis(2-chloroethoxy)methane	0.9414	0.9530	1.2342 0.8631	1.1988	1.0964	Ave		1.0478				14.4		35.0			
Benzoic acid	0.3131	0.3219	0.1654 0.3569	0.1930	0.2510	Ave		0.2669				28.7		35.0			
2,4-Dichlorophenol	0.3273	0.3160	0.3814 0.3081	0.3705	0.3456	Ave		0.3415				8.7		35.0			
1,2,4-Trichlorobenzene	0.4640 0.3698	0.4346 0.3406	0.3880 0.3451	0.4016	0.3640	Ave		0.3885				11.1		35.0			
Naphthalene	0.9396	0.9091	1.1597 0.8879	1.1920	1.0229	Ave		1.0185				12.8		35.0			
4-Chloroaniline	0.4970	0.5200	0.5970 0.5134	0.6254	0.5410	Ave		0.5490				9.3		35.0			
Hexachlorobutadiene	0.3441 0.2799	0.3492 0.2787	0.3157 0.2909	0.3261	0.3038	Ave		0.3111				8.8		35.0			
4-Chloro-3-methylphenol	0.7448	0.7000	0.9342 0.6490	0.8774	0.8080	Ave		0.7855				13.8		35.0			
2-Methylnaphthalene	0.7092	0.6998	0.9033 0.6808	0.8293	0.7718	Ave		0.7657				11.3		35.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 394601

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2016 16:32 Calibration End Date: 10/03/2016 19:27 Calibration ID: 58230

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-Methylnaphthalene	0.6899	0.8323 0.5947	0.7979 0.5971	0.8006	0.7040	Ave		0.7166				13.6		35.0			
Hexachlorocyclopentadiene	0.5294	0.5848	0.4601 0.5590	0.5635	0.5728	Ave		0.5450			0.0500	8.3		35.0			
1,2,4,5-Tetrachlorobenzene	0.6566	0.6940	0.8154 0.7026	0.7715	0.7840	Ave		0.7374				8.4		35.0			
2,4,6-Trichlorophenol	0.4566	0.4417 0.4554	0.4685 0.4608	0.5028	0.5250	Ave		0.4730				6.3		35.0			
2,4,5-Trichlorophenol	0.4588	0.4566	0.4635 0.4413	0.4756	0.4898	Ave		0.4643				3.6		35.0			
Diphenyl	1.4484	1.4166	1.6947 1.2984	1.8008	1.7570	Ave		1.5693				13.2		35.0			
2-Chloronaphthalene	1.0186	1.0695	1.3411 1.0325	1.1806	1.1199	Ave		1.1270				10.7		35.0			
Diphenyl ether	0.8187	0.8167	0.9105 0.8445	0.6697	0.9751	Ave		0.8392				12.3		35.0			
2-Nitroaniline	0.7549	0.7708	0.8214 0.7110	0.7887	0.8596	Ave		0.7844				6.6		35.0			
Dimethylnaphthalene, total	1.0445	0.9445	1.1873 1.0764	0.8918	1.1332	Ave		1.0463				10.7		35.0			
Dimethyl phthalate	1.4656	1.3462	1.6846 1.3348	1.7700	1.6379	Ave		1.5398				11.9		35.0			
Coumarin	0.2746	0.2323	0.3179 0.2517	0.2190	0.2771	Ave		0.2621				13.6		35.0			
2,6-Dinitrotoluene	0.3524	0.3241 0.3211	0.3830 0.3611	0.3865	0.3702	Ave		0.3569				7.4		35.0			
Acenaphthylene	1.5235	1.4683	1.7832 1.4777	1.8434	1.7954	Ave		1.6486				10.7		35.0			
3-Nitroaniline	0.4305	0.3491	0.4223 0.3722	0.4273	0.4356	Ave		0.4062				8.9		35.0			
Acenaphthene	1.4194	1.4599	1.4183 1.1737	1.4526	1.4147	Ave		1.3898				7.7		35.0			
2,4-Dinitrophenol	0.2312	0.2207	0.1546 0.2569	0.1844	0.2091	Ave		0.2095			0.0500	17.2		35.0			
4-Nitrophenol	0.4284	0.4150	0.3816 0.4386	0.4214	0.4490	Ave		0.4223			0.0500	5.5		35.0			
2,4-Dinitrotoluene	0.4868	0.4539 0.4473	0.4806 0.4675	0.5370	0.4941	Ave		0.4810				6.2		35.0			
Dibenzofuran	1.4846	1.4439	1.9238 1.4151	1.8820	1.7762	Ave		1.6543				14.0		35.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 394601

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2016 16:32 Calibration End Date: 10/03/2016 19:27 Calibration ID: 58230

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								
2,3,4,6-Tetrachlorophenol	0.4376	0.4103	0.4610 0.4268	0.4518	0.4694	Ave		0.4428				5.0		35.0			
Diethyl phthalate	1.6795	1.5147	2.0744 1.5437	1.9777	1.8781	Ave		1.7780				13.1		35.0			
4-Chlorophenyl phenyl ether	0.7114	0.7258	0.8085 0.7305	0.7367	0.7893	Ave		0.7504				5.2		35.0			
Fluorene	1.1785	1.1664	1.3406 1.2827	1.3253	1.2444	Ave		1.2563				5.8		35.0			
4-Nitroaniline	0.3656	0.3369	0.3958 0.2898	0.3974	0.3760	Ave		0.3603				11.4		35.0			
4,6-Dinitro-2-methylphenol	0.1928	0.0751 0.1729	0.1460 0.1907	0.1892	0.1840	Ave		0.1644				25.9		35.0			
N-Nitrosodiphenylamine	0.6121	0.5257	0.6962 0.5852	0.7121	0.6343	Ave		0.6276				11.1		35.0			
1,2-Diphenylhydrazine	1.5333	1.5700	1.9020 1.3116	1.9996	1.9096	Ave		1.7044				16.0		35.0			
4-Bromophenyl phenyl ether	0.3036	0.2804	0.3346 0.3100	0.3758	0.3160	Ave		0.3201				10.2		35.0			
Hexachlorobenzene	0.3118 0.2910	0.3230 0.2841	0.3122 0.2777	0.3358	0.3043	Ave		0.3050				6.5		35.0			
Pentachlorophenol	0.2114	0.1878	0.1710 0.2181	0.2076	0.2039	Ave		0.2000				8.7		35.0			
n-Octadecane	0.7370	0.7666	0.9242 0.6497	0.9843	0.9013	Ave		0.8272				15.6		35.0			
Phenanthrene	0.9760	0.8396	1.0473 0.9075	1.1732	1.0145	Ave		0.9930				11.7		35.0			
Anthracene	1.0187	0.9404	1.2084 0.8863	1.2265	1.0746	Ave		1.0591				13.1		35.0			
Carbazole	0.8381	0.8135	1.0388 0.7790	1.0966	1.0194	Ave		0.9309				14.6		35.0			
Di-n-butyl phthalate	1.4743	1.2184	2.1180 1.2168	1.9503	1.6807	Ave		1.6097				23.3		35.0			
Fluoranthene	1.1332	0.9624	1.3393 0.9818	1.4237	1.2291	Ave		1.1782				15.9		35.0			
Benzidine	0.5782	0.6011	0.5790 0.5905	0.6280	0.6098	Ave		0.5978				3.2		35.0			
Pyrene	1.4226	1.1475	1.6065 1.1312	1.5460	1.4999	Ave		1.3923				14.7		35.0			
Butyl benzyl phthalate	0.8298	0.7587	0.8668 0.7158	0.9315	0.8653	Ave		0.8280				9.5		35.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 394601

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2016 16:32 Calibration End Date: 10/03/2016 19:27 Calibration ID: 58230

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								
2,3,7,8-TCDD	0.2294					Ave		0.2294						35.0			
Carbamazepine	0.5695	0.5562	0.4891 0.5616	0.4160	0.5609	Ave		0.5255				11.7		35.0			
3,3'-Dichlorobenzidine	0.5157	0.4239 0.4694	0.4800 0.4653	0.6003	0.5060	Ave		0.4944				11.2		35.0			
Benzo[a]anthracene	1.3871 1.1138	1.1617 1.0307	1.1215 0.9864	1.1576	1.1336	Ave		1.1365				10.4		35.0			
Bis(2-ethylhexyl) phthalate	0.9447	0.8876 0.9083	0.8691 0.8747	0.9780	0.9769	Ave		0.9199				5.1		35.0			
Chrysene	1.0041	1.0500 0.8980	1.0647 0.9824	1.0577	1.0312	Ave		1.0126				5.8		35.0			
Di-n-octyl phthalate	1.8361	1.7466	1.8551 1.6691	2.0858	2.0485	Ave		1.8735				8.8		35.0			
Benzo[b]fluoranthene	1.3122 1.2595	1.2332 1.1666	1.2736 1.2031	1.4177	1.2952	Ave		1.2701				6.0		35.0			
Benzo[k]fluoranthene	1.3731 1.2024	1.2662 1.0145	1.2563 1.1055	1.2064	1.1681	Ave		1.1991				9.0		35.0			
Benzo[a]pyrene	1.2337 1.0952	0.9130 1.1268	1.2075 1.0749	1.1964	1.1840	Ave		1.1289				9.2		35.0			
Indeno[1,2,3-cd]pyrene	0.9380 0.9803	0.8732 1.0204	0.9528 1.0894	1.1056	0.9720	Ave		0.9915				7.8		35.0			
Dibenz(a,h)anthracene	0.7352 0.9062	0.8032 0.8466	0.7931 0.9865	0.8776	0.8774	Ave		0.8532				9.1		35.0			
Benzo[g,h,i]perylene	0.9851	1.0268	0.9218 1.1057	0.9100	0.9273	Ave		0.9795				7.8		35.0			
2-Fluorophenol	2.7743	3.1184 2.6956	2.9441 2.3597	3.1871	2.9951	Ave		2.8678				9.9		35.0			
Phenol-d5	3.8684	3.9930 3.8960	4.1659 3.4317	4.4443	4.2997	Ave		4.0141				8.3		35.0			
Nitrobenzene-d5	1.1908 0.9634	1.0445 1.0000	1.2189 0.8876	1.2570	1.1123	Ave		1.0843				12.2		35.0			
2-Fluorobiphenyl	1.6180 1.4038	1.5722 1.3920	1.6592 1.4061	1.7016	1.6543	Ave		1.5509				8.4		35.0			
2,4,6-Tribromophenol	0.3055	0.3343 0.2830	0.3440 0.2649	0.3247	0.3001	Ave		0.3081				9.2		35.0			
Terphenyl-d14	1.3480 1.1896	1.4553 1.0559	1.2530 0.9709	1.3649	1.2100	Ave		1.2309				13.1		35.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 394601

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2016 16:32 Calibration End Date: 10/03/2016 19:27 Calibration ID: 58230

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-394601/9	U29899.D
Level 2	STD02 460-394601/8	U29898.D
Level 3	STD1 460-394601/7	U29897.D
Level 4	STD2 460-394601/6	U29896.D
Level 5	STD4 460-394601/5	U29895.D
Level 6	ICIS 460-394601/2	U29892.D
Level 7	STD16 460-394601/4	U29894.D
Level 8	STD24 460-394601/3	U29893.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,4-Dioxane	DCBd 4	Ave	477798	801399	62615 1046585	116363	213962	10.0	16.0	1.00 24.0	2.00	4.00
N-Nitrosodimethylamine	DCBd 4	Ave	673418	1135787	79212 1507694	161338	322374	10.0	16.0	1.00 24.0	2.00	4.00
Pyridine	DCBd 4	Ave	1082354	1678106	127081 2243925	276187	437575	10.0	16.0	1.00 24.0	2.00	4.00
Phenol	DCBd 4	Ave	1497409	2406661	162445 2964376	326337	667953	10.0	16.0	1.00 24.0	2.00	4.00
Aniline	DCBd 4	Ave	1677849	2694562	217488 3543530	417544	769529	10.0	16.0	1.00 24.0	2.00	4.00
Bis(2-chloroethyl)ether	DCBd 4	Ave	15729 1163303	32337 1917118	146777 2543389	307148	564878	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzonitrile	DCBd 4	Ave	1960235	2897500	233696 3964620	351960	899842	10.0	16.0	1.00 24.0	2.00	4.00
2-Chlorophenol	DCBd 4	Ave	584560	886173	66009 1240583	136346	246768	10.0	16.0	1.00 24.0	2.00	4.00
Decane	DCBd 4	Ave	777041	1207166	105223 1450606	205193	374080	10.0	16.0	1.00 24.0	2.00	4.00
1,3-Dichlorobenzene	DCBd 4	Ave	575006	915273	67137 1262740	139093	250416	10.0	16.0	1.00 24.0	2.00	4.00
1,4-Dichlorobenzene	DCBd 4	Ave	563240	885709	64268 1229772	131672	249476	10.0	16.0	1.00 24.0	2.00	4.00
Benzyl alcohol	DCBd 4	Ave	720355	1199926	79429 1622599	149264	303366	10.0	16.0	1.00 24.0	2.00	4.00
1,2-Dichlorobenzene	DCBd 4	Ave	552234	839899	67376 1148365	141095	244446	10.0	16.0	1.00 24.0	2.00	4.00
2-Methylphenol	DCBd 4	Ave	969617	1473358	108860 2016760	226041	415718	10.0	16.0	1.00 24.0	2.00	4.00
bis (2-chloroisopropyl) ether	DCBd 4	Ave	1190833	1839620	155892 2268676	306950	592570	10.0	16.0	1.00 24.0	2.00	4.00

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

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 394601

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2016 16:32 Calibration End Date: 10/03/2016 19:27 Calibration ID: 58230

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
N-Methylaniline	DCBd 4	Ave	1448337	2248041	184176 3077717	268710	673818	10.0	16.0	1.00 24.0	2.00	4.00
Acetophenone	DCBd 4	Ave	1238976	1921044	173645 2610668	342442	648198	10.0	16.0	1.00 24.0	2.00	4.00
N-Nitrosodi-n-propylamine	DCBd 4	Ave	8614 624929	20374 1009516	93040 1493692	162854	299762	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
4-Methylphenol	DCBd 4	Ave	995315	1572122	126442 2124370	237684	440002	10.0	16.0	1.00 24.0	2.00	4.00
Hexachloroethane	DCBd 4	Ave	6566 490379	13715 749288	55414 1005124	118136	210420	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Nitrobenzene	NPT	Ave	20545 1318472	37797 2013167	191375 2598666	343140	678760	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
n,n'-Dimethylaniline	DCBd 4	Ave	17385 1032556	28331 1538965	137368 2187740	189566	497993	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Isophorone	NPT	Ave	2473466	60518 3828801	313676 5302457	614087	1124722	10.0	0.200 16.0	1.00 24.0	2.00	4.00
2-Nitrophenol	NPT	Ave	365317	551467	37405 714626	84950	155186	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dimethylphenol	NPT	Ave	645686	977564	85230 1375274	150508	281491	10.0	16.0	1.00 24.0	2.00	4.00
Bis(2-chloroethoxy)methane	NPT	Ave	1329976	2100027	179119 2687492	351325	640352	10.0	16.0	1.00 24.0	2.00	4.00
Benzoic acid	NPT	Ave	442406	709400	24003 1111333	56547	146612	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dichlorophenol	NPT	Ave	462451	696458	55345 959366	108585	201862	10.0	16.0	1.00 24.0	2.00	4.00
1,2,4-Trichlorobenzene	NPT	Ave	7132 522513	13270 750522	56306 1074593	117698	212592	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Naphthalene	NPT	Ave	1327424	2003334	168299 2764480	349332	597457	10.0	16.0	1.00 24.0	2.00	4.00
4-Chloroaniline	NPT	Ave	702162	1145991	86637 1598599	183264	315983	10.0	16.0	1.00 24.0	2.00	4.00
Hexachlorobutadiene	NPT	Ave	5289 395425	10664 614244	45813 905897	95553	177447	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
4-Chloro-3-methylphenol	NPT	Ave	1052234	1542524	135574 2020729	257113	471914	10.0	16.0	1.00 24.0	2.00	4.00
2-Methylnaphthalene	NPT	Ave	1001992	1542151	131089 2119902	243032	450811	10.0	16.0	1.00 24.0	2.00	4.00
1-Methylnaphthalene	NPT	Ave	974733	25415 1310474	115792 1859232	234620	411173	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Hexachlorocyclopentadiene	ANT	Ave	440504	719245	42357 986181	99662	186537	10.0	16.0	1.00 24.0	2.00	4.00

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

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 394601

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2016 16:32 Calibration End Date: 10/03/2016 19:27 Calibration ID: 58230

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4,5-Tetrachlorobenzene	ANT	Ave	546300	853519	75058 1239561	136447	255325	10.0	16.0	1.00 24.0	2.00	4.00
2,4,6-Trichlorophenol	ANT	Ave	379876	8660 560032	43130 812869	88929	170993	10.0	0.200 16.0	1.00 24.0	2.00	4.00
2,4,5-Trichlorophenol	ANT	Ave	381711	561500	42666 778494	84113	159518	10.0	16.0	1.00 24.0	2.00	4.00
Diphenyl	ANT	Ave	1205094	1742178	156000 2290489	318465	572212	10.0	16.0	1.00 24.0	2.00	4.00
2-Chloronaphthalene	ANT	Ave	847543	1315351	123453 1821452	208791	364733	10.0	16.0	1.00 24.0	2.00	4.00
Diphenyl ether	ANT	Ave	681193	1004412	83810 1489893	118445	317578	10.0	16.0	1.00 24.0	2.00	4.00
2-Nitroaniline	ANT	Ave	628134	947955	75613 1254377	139483	279953	10.0	16.0	1.00 24.0	2.00	4.00
Dimethylnaphthalene, total	ANT	Ave	869011	1161598	109296 1898891	157724	369050	10.0	16.0	1.00 24.0	2.00	4.00
Dimethyl phthalate	ANT	Ave	1219425	1655607	155068 2354765	313018	533418	10.0	16.0	1.00 24.0	2.00	4.00
Coumarin	NPT	Ave	387984	511948	46129 783663	64167	161827	10.0	16.0	1.00 24.0	2.00	4.00
2,6-Dinitrotoluene	ANT	Ave	293240	6353 394857	35257 636985	68347	120575	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Acenaphthylene	ANT	Ave	1267602	1805810	164149 2606786	326001	584706	10.0	16.0	1.00 24.0	2.00	4.00
3-Nitroaniline	ANT	Ave	358205	429352	38875 656634	75565	141858	10.0	16.0	1.00 24.0	2.00	4.00
Acenaphthene	ANT	Ave	1180977	1795497	130561 2070554	256891	460729	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dinitrophenol	ANT	Ave	384665	542895	28458 906435	65207	136195	20.0	32.0	2.00 48.0	4.00	8.00
4-Nitrophenol	ANT	Ave	712895	1020903	70261 1547550	149035	292425	20.0	32.0	2.00 48.0	4.00	8.00
2,4-Dinitrotoluene	ANT	Ave	405033	8898 550163	44240 824781	94968	160901	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Dibenzofuran	ANT	Ave	1235266	1775746	177095 2496448	332835	578448	10.0	16.0	1.00 24.0	2.00	4.00
2,3,4,6-Tetrachlorophenol	ANT	Ave	364074	504637	42438 752951	79898	152878	10.0	16.0	1.00 24.0	2.00	4.00
Diethyl phthalate	ANT	Ave	1397418	1862898	190955 2723228	349750	611664	10.0	16.0	1.00 24.0	2.00	4.00
4-Chlorophenyl phenyl ether	ANT	Ave	591895	892641	74421 1288721	130282	257050	10.0	16.0	1.00 24.0	2.00	4.00

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

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 394601

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2016 16:32 Calibration End Date: 10/03/2016 19:27 Calibration ID: 58230

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Fluorene	ANT	Ave	980575	1434578	123408 2262772	234380	405265	10.0	16.0	1.00 24.0	2.00	4.00
4-Nitroaniline	ANT	Ave	304217	414335	36434 511239	70288	122439	10.0	16.0	1.00 24.0	2.00	4.00
4,6-Dinitro-2-methylphenol	PHN	Ave	517583	4649 657933	43802 1018402	102800	190910	20.0	0.400 32.0	2.00 48.0	4.00	8.00
N-Nitrosodiphenylamine	PHN	Ave	821458	1000364	104422 1562701	193432	329152	10.0	16.0	1.00 24.0	2.00	4.00
1,2-Diphenylhydrazine	PHN	Ave	2057654	2987319	285257 3502637	543164	990945	10.0	16.0	1.00 24.0	2.00	4.00
4-Bromophenyl phenyl ether	PHN	Ave	407477	533481	50185 827803	102078	163957	10.0	16.0	1.00 24.0	2.00	4.00
Hexachlorobenzene	PHN	Ave	5000 390460	10003 540658	46828 741578	91211	157900	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Pentachlorophenol	PHN	Ave	567444	714679	51285 1164685	112777	211623	20.0	32.0	2.00 48.0	4.00	8.00
n-Octadecane	PHN	Ave	989012	1458697	138611 1735139	267360	467720	10.0	16.0	1.00 24.0	2.00	4.00
Phenanthrene	PHN	Ave	1309669	1597610	157071 2423452	318691	526445	10.0	16.0	1.00 24.0	2.00	4.00
Anthracene	PHN	Ave	1366969	1789362	181241 2366758	333165	557614	10.0	16.0	1.00 24.0	2.00	4.00
Carbazole	PHN	Ave	1124748	1547894	155800 2080444	297870	528998	10.0	16.0	1.00 24.0	2.00	4.00
Di-n-butyl phthalate	PHN	Ave	1978446	2318326	317655 3249421	529762	872129	10.0	16.0	1.00 24.0	2.00	4.00
Fluoranthene	PHN	Ave	1520664	1831283	200865 2621837	386736	637774	10.0	16.0	1.00 24.0	2.00	4.00
Benzidine	PHN	Ave	775965	1143728	86839 1576849	170585	316439	10.0	16.0	1.00 24.0	2.00	4.00
Pyrene	CRY	Ave	1455488	1755221	203959 2592105	355867	636463	10.0	16.0	1.00 24.0	2.00	4.00
Butyl benzyl phthalate	CRY	Ave	848946	1160540	110047 1640261	214417	367192	10.0	16.0	1.00 24.0	2.00	4.00
2,3,7,8-TCDD	CRY	Ave	2347					0.100				
Carbamazepine	CRY	Ave	582626	850813	62092 1286847	95762	238005	10.0	16.0	1.00 24.0	2.00	4.00
3,3'-Dichlorobenzidine	CRY	Ave	527631	10871 718097	60942 1066175	138184	214694	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[a]anthracene	CRY	Ave	18204 1139535	29790 1576570	142381 2260434	266460	481016	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00

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

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 394601

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2016 16:32 Calibration End Date: 10/03/2016 19:27 Calibration ID: 58230

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Bis(2-ethylhexyl) phthalate	CRY	Ave	966476	22760 1389397	110338 2004385	225124	414523	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Chrysene	CRY	Ave	1027312	26926 1373565	135175 2251116	243475	437565	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Di-n-octyl phthalate	PRY	Ave	1664185	2490305	192498 3325116	412468	775218	10.0	16.0	1.00 24.0	2.00	4.00
Benzo[b]fluoranthene	PRY	Ave	13840 1141554	25688 1663298	132163 2396720	280351	490138	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[k]fluoranthene	PRY	Ave	14483 1089824	26377 1446481	130362 2202424	238574	442044	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[a]pyrene	PRY	Ave	13012 992651	19018 1606510	125300 2141401	236587	448049	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	9894 888497	18190 1454855	98873 2170253	218625	367842	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Dibenz(a,h)anthracene	PRY	Ave	7754 821345	16732 1207016	82302 1965304	173545	332037	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[g,h,i]perylene	PRY	Ave	892864	1464037	95652 2202832	179959	350909	10.0	16.0	1.00 24.0	2.00	4.00
2-Fluorophenol	DCBd 4	Ave	1095265	26070 1690453	125123 2154812	259143	476648	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Phenol-d5	DCBd 4	Ave	1527180	33382 2443229	177049 3133735	361367	684262	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Nitrobenzene-d5	NPT	Ave	18304 1361107	31895 2203563	176890 2763765	368375	649664	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2-Fluorobiphenyl	ANT	Ave	16489 1168031	30821 1711915	152732 2480555	300925	538778	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2,4,6-Tribromophenol	ANT	Ave	254189	6554 348037	31670 467233	57427	97735	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Terphenyl-d14	CRY	Ave	17691 1217050	37318 1615222	159078 2224800	314176	513428	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29892.D
Lims ID: icis
Client ID:
Sample Type: ICIS Calib Level: 6
Inject. Date: 03-Oct-2016 16:32:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-002
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub1

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:13:39 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: croccom Date: 03-Oct-2016 16:57:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.885	1.885	0.000	87	477798	10.0	9.21	
2 N-Nitrosodimethylamine	74	2.118	2.118	0.000	89	673418	10.0	9.27	
3 Pyridine	79	2.164	2.164	0.000	95	1082354	10.0	9.67	
$ 4 2-Fluorophenol	112	3.317	3.317	0.000	93	1095265	10.0	9.67	
$ 6 Phenol-d5	99	4.237	4.237	0.000	94	1527180	10.0	9.64	
7 Phenol	94	4.249	4.249	0.000	98	1497409	10.0	9.93	
8 Aniline	93	4.272	4.272	0.000	96	1677849	10.0	9.27	
9 Bis(2-chloroethyl)ether	93	4.331	4.331	0.000	94	1163303	10.0	8.68	
10 Benzonitrile	103	4.355	4.355	0.000	97	1960235	10.0	10.1	
11 2-Chlorophenol	128	4.401	4.401	0.000	84	584560	10.0	9.84	
12 n-Decane	43	4.437	4.437	0.000	85	777041	10.0	9.20	
13 1,3-Dichlorobenzene	146	4.542	4.542	0.000	75	575006	10.0	9.54	
* 14 1,4-Dichlorobenzene-d4	152	4.601	4.601	0.000	86	315828	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.613	4.613	0.000	76	563240	10.0	9.63	
17 Benzyl alcohol	108	4.730	4.730	0.000	89	720355	10.0	9.84	
18 1,2-Dichlorobenzene	146	4.765	4.765	0.000	77	552234	10.0	9.48	
19 2-Methylphenol	108	4.848	4.848	0.000	85	969617	10.0	9.85	
20 2,2'-oxybis[1-chloropropan	45	4.871	4.871	0.000	93	1190833	10.0	9.23	
23 N-Methylaniline	106	4.989	4.989	0.000	79	1448337	10.0	9.78	
24 Acetophenone	105	5.000	5.000	0.000	80	1238976	10.0	8.79	
21 4-Methylphenol	108	5.012	5.012	0.000	89	995315	10.0	9.44	
25 N-Nitrosodi-n-propylamine	70	5.012	5.012	0.000	84	624929	10.0	8.24	
26 3 & 4 Methylphenol	108	5.012	5.012	0.000	81	998691	NC	NC	
27 Hexachloroethane	117	5.106	5.106	0.000	82	490379	10.0	9.20	
$ 28 Nitrobenzene-d5	82	5.153	5.153	0.000	85	1361107	10.0	8.89	
30 n,n'-Dimethylaniline	120	5.177	5.177	0.000	78	1032556	10.0	8.85	
29 Nitrobenzene	77	5.177	5.177	0.000	90	1318472	10.0	8.38	
31 Isophorone	82	5.411	5.411	0.000	97	2473466	10.0	9.18	
32 2-Nitrophenol	139	5.493	5.493	0.000	68	365317	10.0	10.0	
33 2,4-Dimethylphenol	122	5.540	5.540	0.000	80	645686	10.0	9.37	
34 Bis(2-chloroethoxy)methane	93	5.622	5.622	0.000	94	1329976	10.0	8.98	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.669	5.669	0.000	87	442406	10.0	11.7	
36 2,4-Dichlorophenol	162	5.739	5.739	0.000	85	462451	10.0	9.59	
37 1,2,4-Trichlorobenzene	180	5.820	5.820	0.000	88	522513	10.0	9.52	
* 38 Naphthalene-d8	136	5.878	5.878	0.000	95	1130232	8.00	8.00	
39 Naphthalene	128	5.890	5.890	0.000	94	1327424	10.0	9.22	
40 4-Chloroaniline	127	5.949	5.949	0.000	87	702162	10.0	9.05	
41 Hexachlorobutadiene	225	6.020	6.020	0.000	83	395425	10.0	9.00	
44 4-Chloro-3-methylphenol	107	6.430	6.430	0.000	87	1052234	10.0	9.48	
45 2-Methylnaphthalene	142	6.582	6.582	0.000	78	1001992	10.0	9.26	
46 1-Methylnaphthalene	142	6.687	6.687	0.000	87	974733	10.0	9.63	
47 Hexachlorocyclopentadiene	237	6.745	6.745	0.000	82	440504	10.0	9.72	
48 1,2,4,5-Tetrachlorobenzene	216	6.757	6.757	0.000	94	546300	10.0	8.90	
49 2-tertbutyl-4-methylphenol	149	6.779	6.779	0.000	75	764811	NC	NC	
50 2,4,6-Trichlorophenol	196	6.871	6.871	0.000	78	379876	10.0	9.65	
51 2,4,5-Trichlorophenol	196	6.906	6.906	0.000	86	381711	10.0	9.88	
$ 52 2-Fluorobiphenyl	172	6.953	6.953	0.000	95	1168031	10.0	9.05	
53 1,1'-Biphenyl	154	7.046	7.046	0.000	97	1205094	10.0	9.23	
54 2-Chloronaphthalene	162	7.068	7.068	0.000	88	847543	10.0	9.04	
55 Phenyl ether	170	7.150	7.150	0.000	79	681193	10.0	9.76	
57 2-Nitroaniline	65	7.174	7.174	0.000	83	628134	10.0	9.62	
58 1,3-Dimethylnaphthalene	156	7.290	7.290	0.000	86	869011	10.0	9.98	
59 Dimethyl phthalate	163	7.361	7.361	0.000	93	1219425	10.0	9.52	
60 Coumarin	146	7.384	7.384	0.000	64	387984	10.0	10.5	
61 2,6-Dinitrotoluene	165	7.407	7.407	0.000	75	293240	10.0	9.87	
62 Acenaphthylene	152	7.477	7.477	0.000	94	1267602	10.0	9.24	
63 3-Nitroaniline	138	7.582	7.582	0.000	83	358205	10.0	10.6	
* 64 Acenaphthene-d10	164	7.617	7.617	0.000	81	665621	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.640	7.640	0.000	96	1036348	NC	NC	
66 Acenaphthene	154	7.651	7.651	0.000	95	1180977	10.0	10.2	
67 2,4-Dinitrophenol	184	7.686	7.686	0.000	76	384665	20.0	22.1	
69 4-Nitrophenol	65	7.745	7.745	0.000	78	712895	20.0	20.3	
70 2,4-Dinitrotoluene	165	7.801	7.801	0.000	78	405033	10.0	10.1	
71 Dibenzofuran	168	7.825	7.825	0.000	88	1235266	10.0	8.97	
72 2,3,4,6-Tetrachlorophenol	232	7.943	7.943	0.000	81	364074	10.0	9.88	
73 Diethyl phthalate	149	8.047	8.047	0.000	93	1397418	10.0	9.45	
74 4-Chlorophenyl phenyl ethe	204	8.151	8.151	0.000	72	591895	10.0	9.48	
75 Fluorene	166	8.162	8.162	0.000	93	980575	10.0	9.38	
76 4-Nitroaniline	138	8.185	8.185	0.000	78	304217	10.0	10.1	
77 4,6-Dinitro-2-methylphenol	198	8.220	8.220	0.000	65	517583	20.0	23.5	
78 N-Nitrosodiphenylamine	169	8.278	8.278	0.000	67	821458	10.0	9.75	
79 1,2-Diphenylhydrazine	77	8.313	8.313	0.000	96	2057654	10.0	9.00	
$ 80 2,4,6-Tribromophenol	330	8.406	8.406	0.000	79	254189	10.0	9.92	
81 4-Bromophenyl phenyl ether	248	8.637	8.637	0.000	77	407477	10.0	9.49	
82 Hexachlorobenzene	284	8.707	8.707	0.000	88	390460	10.0	9.54	
84 Pentachlorophenol	266	8.905	8.905	0.000	88	567444	20.0	21.1	
85 Pentachloronitrobenzene	237	8.916	8.916	0.000	83	261844	NC	NC	
86 n-Octadecane	57	8.961	8.961	0.000	89	989012	10.0	8.91	
* 87 Phenanthrene-d10	188	9.076	9.076	0.000	95	1073553	8.00	8.00	
88 Phenanthrene	178	9.110	9.110	0.000	98	1309669	10.0	9.83	
89 Anthracene	178	9.157	9.157	0.000	94	1366969	10.0	9.62	
90 Carbazole	167	9.307	9.307	0.000	97	1124748	10.0	9.00	
91 Di-n-butyl phthalate	149	9.646	9.646	0.000	98	1978446	10.0	9.16	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.273	10.273	0.000	95	1520664	10.0	9.62	
93 Benzidine	184	10.401	10.401	0.000	98	775965	10.0	9.67	
94 Pyrene	202	10.506	10.506	0.000	94	1455488	10.0	10.2	
95 Bisphenol-A	213	10.540	10.540	0.000	0	653459	NC	NC	
$ 96 Terphenyl-d14	244	10.666	10.666	0.000	98	1217050	10.0	9.66	
97 Butyl benzyl phthalate	149	11.192	11.192	0.000	86	848946	10.0	10.0	
98 2,3,7,8-TCDD	320	11.322	11.322	0.000	54	2347	0.1000	0.1000	
99 Carbamazepine	193	11.333	11.333	0.000	87	582626	10.0	10.8	
100 3,3'-Dichlorobenzidine	252	11.849	11.849	0.000	97	527631	10.0	10.4	
101 Benzo[a]anthracene	228	11.883	11.883	0.000	97	1139535	10.0	9.80	
* 102 Chrysene-d12	240	11.894	11.894	0.000	98	818471	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.905	11.905	0.000	91	966476	10.0	10.3	
104 Chrysene	228	11.928	11.928	0.000	97	1027312	10.0	9.92	
105 Di-n-octyl phthalate	149	12.783	12.783	0.000	95	1664185	10.0	9.80	
106 Benzo[b]fluoranthene	252	13.320	13.320	0.000	96	1141554	10.0	9.92	
107 Benzo[k]fluoranthene	252	13.365	13.365	0.000	97	1089824	10.0	10.0	
108 Benzo[a]pyrene	252	13.774	13.774	0.000	97	992651	10.0	9.70	
* 109 Perylene-d12	264	13.854	13.854	0.000	98	725093	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.447	15.447	0.000	97	888497	10.0	9.89	
111 Dibenz(a,h)anthracene	278	15.492	15.492	0.000	99	821345	10.0	10.6	
112 Benzo[g,h,i]perylene	276	15.907	15.907	0.000	96	892864	10.0	10.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL6_00043 Amount Added: 1.00 Units: mL

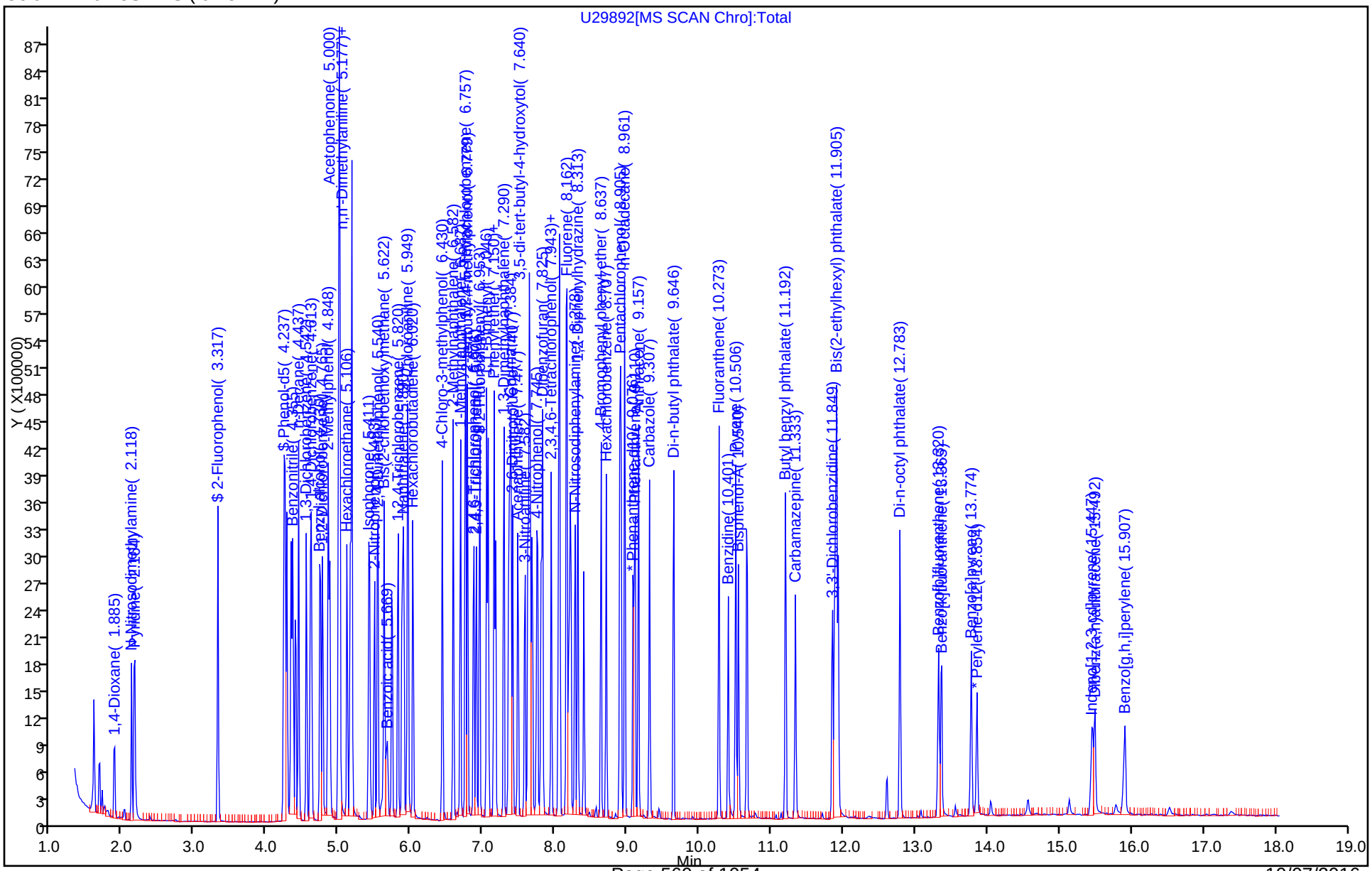
Report Date: 05-Oct-2016 14:13:43 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29892.D

Injection Date:	03-Oct-2016 16:32:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	icis			Worklist Smp#:	2
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29893.D
Lims ID: STD24
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 03-Oct-2016 17:13:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-003
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub1

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:13:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 19:28:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.876	1.885	-0.009	87	1046585	24.0	20.9	
2 N-Nitrosodimethylamine	74	2.122	2.118	0.004	88	1507694	24.0	21.5	
3 Pyridine	79	2.157	2.164	-0.007	93	2243925	24.0	20.8	
$ 4 2-Fluorophenol	112	3.314	3.317	-0.003	92	2154812	24.0	19.7	
$ 6 Phenol-d5	99	4.249	4.237	0.012	91	3133735	24.0	20.5	
7 Phenol	94	4.261	4.249	0.011	99	2964376	24.0	20.4	
8 Aniline	93	4.284	4.272	0.012	95	3543530	24.0	20.3	
9 Bis(2-chloroethyl)ether	93	4.343	4.331	0.012	95	2543389	24.0	19.7	
10 Benzonitrile	103	4.378	4.355	0.023	95	3964620	24.0	21.3	
11 2-Chlorophenol	128	4.401	4.401	0.000	84	1240583	24.0	21.7	
12 n-Decane	43	4.437	4.437	0.000	83	1450606	24.0	17.8	
13 1,3-Dichlorobenzene	146	4.554	4.542	0.012	80	1262740	24.0	21.7	
* 14 1,4-Dichlorobenzene-d4	152	4.601	4.601	0.000	87	304394	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.613	4.613	0.000	81	1229772	24.0	21.8	
17 Benzyl alcohol	108	4.754	4.730	0.024	93	1622599	24.0	23.0	
18 1,2-Dichlorobenzene	146	4.777	4.765	0.012	83	1148365	24.0	20.5	
19 2-Methylphenol	108	4.858	4.848	0.010	86	2016760	24.0	21.2	
20 2,2'-oxybis[1-chloropropan	45	4.870	4.871	-0.001	90	2268676	24.0	18.3	
23 N-Methylaniline	106	4.999	4.989	0.010	81	3077717	24.0	21.6	
24 Acetophenone	105	5.011	5.000	0.011	96	2610668	24.0	19.2	
21 4-Methylphenol	108	5.023	5.012	0.011	80	2124370	24.0	20.9	
25 N-Nitrosodi-n-propylamine	70	5.047	5.012	0.034	84	1493692	24.0	20.4	
26 3 & 4 Methylphenol	108	5.023	5.012	0.011	78	2131492	NC	NC	
27 Hexachloroethane	117	5.105	5.106	-0.001	85	1005124	24.0	19.6	
$ 28 Nitrobenzene-d5	82	5.164	5.153	0.011	86	2763765	24.0	19.6	
30 n,n'-Dimethylaniline	120	5.188	5.177	0.011	78	2187740	24.0	19.5	
29 Nitrobenzene	77	5.188	5.177	0.011	90	2598666	24.0	18.0	
31 Isophorone	82	5.434	5.411	0.023	98	5302457	24.0	21.4	
32 2-Nitrophenol	139	5.493	5.493	0.000	62	714626	24.0	21.3	
33 2,4-Dimethylphenol	122	5.540	5.540	0.000	80	1375274	24.0	21.7	
34 Bis(2-chloroethoxy)methane	93	5.634	5.622	0.012	94	2687492	24.0	19.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.728	5.669	0.059	79	1111333	24.0	32.1	
36 2,4-Dichlorophenol	162	5.740	5.739	0.001	79	959366	24.0	21.7	
37 1,2,4-Trichlorobenzene	180	5.823	5.820	0.003	88	1074593	24.0	21.3	
* 38 Naphthalene-d8	136	5.882	5.878	0.004	96	1037881	8.00	8.00	
39 Naphthalene	128	5.904	5.890	0.014	92	2764480	24.0	20.9	
40 4-Chloroaniline	127	5.962	5.949	0.013	86	1598599	24.0	22.4	
41 Hexachlorobutadiene	225	6.032	6.020	0.012	92	905897	24.0	22.4	
44 4-Chloro-3-methylphenol	107	6.441	6.430	0.011	88	2020729	24.0	19.8	
45 2-Methylnaphthalene	142	6.593	6.582	0.011	76	2119902	24.0	21.3	
46 1-Methylnaphthalene	142	6.687	6.687	0.000	84	1859232	24.0	20.0	
47 Hexachlorocyclopentadiene	237	6.756	6.745	0.011	91	986181	24.0	24.6	
48 1,2,4,5-Tetrachlorobenzene	216	6.767	6.757	0.010	93	1239561	24.0	22.9	
49 2-tertbutyl-4-methylphenol	149	6.789	6.779	0.010	77	1645700	NC	NC	
50 2,4,6-Trichlorophenol	196	6.870	6.871	-0.001	73	812869	24.0	23.4	
51 2,4,5-Trichlorophenol	196	6.916	6.906	0.010	91	778494	24.0	22.8	
$ 52 2-Fluorobiphenyl	172	6.962	6.953	0.009	93	2480555	24.0	21.8	
53 1,1'-Biphenyl	154	7.055	7.046	0.009	96	2290489	24.0	19.9	
54 2-Chloronaphthalene	162	7.078	7.068	0.010	88	1821452	24.0	22.0	
55 Phenyl ether	170	7.159	7.150	0.009	80	1489893	24.0	24.2	
57 2-Nitroaniline	65	7.182	7.174	0.008	80	1254377	24.0	21.8	
58 1,3-Dimethylnaphthalene	156	7.298	7.290	0.008	91	1898891	24.0	24.7	
59 Dimethyl phthalate	163	7.380	7.361	0.019	95	2354765	24.0	20.8	
60 Coumarin	146	7.403	7.384	0.019	64	783663	24.0	23.0	
61 2,6-Dinitrotoluene	165	7.426	7.407	0.019	85	636985	24.0	24.3	
62 Acenaphthylene	152	7.496	7.477	0.019	93	2606786	24.0	21.5	
63 3-Nitroaniline	138	7.588	7.582	0.006	82	656634	24.0	22.0	
* 64 Acenaphthene-d10	164	7.624	7.617	0.007	91	588044	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.646	7.640	0.006	95	2219187	NC	NC	
66 Acenaphthene	154	7.657	7.651	0.006	95	2070554	24.0	20.3	
67 2,4-Dinitrophenol	184	7.703	7.686	0.017	82	906435	48.0	58.9	
69 4-Nitrophenol	65	7.772	7.745	0.027	77	1547550	48.0	49.9	
70 2,4-Dinitrotoluene	165	7.819	7.801	0.018	77	824781	24.0	23.3	
71 Dibenzofuran	168	7.830	7.825	0.005	88	2496448	24.0	20.5	
72 2,3,4,6-Tetrachlorophenol	232	7.956	7.943	0.013	85	752951	24.0	23.1	
73 Diethyl phthalate	149	8.061	8.047	0.014	94	2723228	24.0	20.8	
74 4-Chlorophenyl phenyl ethe	204	8.163	8.151	0.012	82	1288721	24.0	23.4	
75 Fluorene	166	8.174	8.162	0.012	93	2262772	24.0	24.5	
76 4-Nitroaniline	138	8.219	8.185	0.034	78	511239	24.0	19.3	
77 4,6-Dinitro-2-methylphenol	198	8.231	8.220	0.011	68	1018402	48.0	55.7	
78 N-Nitrosodiphenylamine	169	8.289	8.278	0.011	69	1562701	24.0	22.4	
79 1,2-Diphenylhydrazine	77	8.325	8.313	0.012	93	3502637	24.0	18.5	
$ 80 2,4,6-Tribromophenol	330	8.406	8.406	0.000	78	467233	24.0	20.6	
81 4-Bromophenyl phenyl ether	248	8.647	8.637	0.010	80	827803	24.0	23.2	
82 Hexachlorobenzene	284	8.716	8.707	0.009	86	741578	24.0	21.9	
84 Pentachlorophenol	266	8.913	8.905	0.008	89	1164685	48.0	52.3	
85 Pentachloronitrobenzene	237	8.924	8.916	0.008	83	546030	NC	NC	
86 n-Octadecane	57	8.969	8.961	0.008	85	1735139	24.0	18.9	
* 87 Phenanthrene-d10	188	9.084	9.076	0.008	94	890170	8.00	8.00	
88 Phenanthrene	178	9.118	9.110	0.008	95	2423452	24.0	21.9	
89 Anthracene	178	9.164	9.157	0.007	91	2366758	24.0	20.1	
90 Carbazole	167	9.314	9.307	0.007	95	2080444	24.0	20.1	
91 Di-n-butyl phthalate	149	9.651	9.646	0.005	96	3249421	24.0	18.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.277	10.273	0.004	93	2621837	24.0	20.0	
93 Benzidine	184	10.405	10.401	0.004	96	1576849	24.0	23.7	
94 Pyrene	202	10.517	10.506	0.011	92	2592105	24.0	19.5	
95 Bisphenol-A	213	10.551	10.540	0.011	0	1390791	NC	NC	
$ 96 Terphenyl-d14	244	10.665	10.666	-0.001	96	2224800	24.0	18.9	
97 Butyl benzyl phthalate	149	11.203	11.192	0.011	88	1640261	24.0	20.7	
99 Carbamazepine	193	11.353	11.333	0.020	85	1286847	24.0	25.6	
100 3,3'-Dichlorobenzidine	252	11.865	11.849	0.016	97	1066175	24.0	22.6	
101 Benzo[a]anthracene	228	11.888	11.883	0.005	98	2260434	24.0	20.8	
* 102 Chrysene-d12	240	11.899	11.894	0.005	99	763834	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.910	11.905	0.005	92	2004385	24.0	22.8	
104 Chrysene	228	11.944	11.928	0.016	96	2251116	24.0	23.3	
105 Di-n-octyl phthalate	149	12.793	12.783	0.010	96	3325116	24.0	21.4	
106 Benzo[b]fluoranthene	252	13.335	13.320	0.015	96	2396720	24.0	22.7	
107 Benzo[k]fluoranthene	252	13.380	13.365	0.015	97	2202424	24.0	22.1	
108 Benzo[a]pyrene	252	13.795	13.774	0.021	96	2141401	24.0	22.9	
* 109 Perylene-d12	264	13.864	13.854	0.010	98	664061	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.481	15.447	0.034	96	2170253	24.0	26.4	
111 Dibenz(a,h)anthracene	278	15.526	15.492	0.034	96	1965304	24.0	27.7	
112 Benzo[g,h,i]perylene	276	15.952	15.907	0.045	96	2202832	24.0	27.1	
S 119 Total Cresols	1				0			21.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL8_00013 Amount Added: 1.00 Units: mL

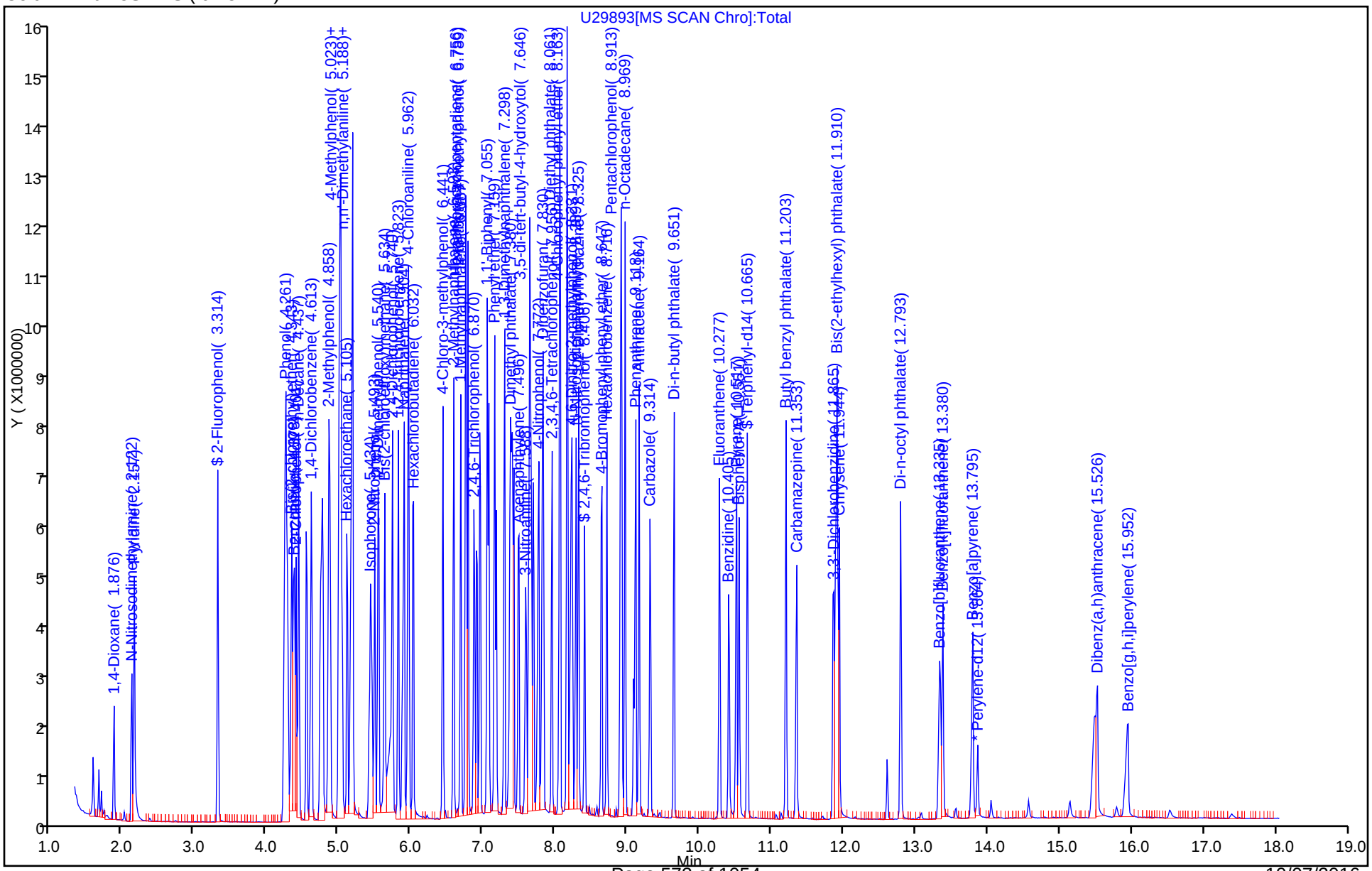
Report Date: 05-Oct-2016 14:13:47 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29893.D

Injection Date:	03-Oct-2016 17:13:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	STD24			Worklist Smp#:	3
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29894.D
Lims ID: STD16
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 03-Oct-2016 17:35:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-004
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub1

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:13:50 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 19:29:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.874	1.885	-0.011	89	801399	16.0	15.6	
2 N-Nitrosodimethylamine	74	2.120	2.118	0.002	89	1135787	16.0	15.7	
3 Pyridine	79	2.156	2.164	-0.008	95	1678106	16.0	15.1	
$ 4 2-Fluorophenol	112	3.311	3.317	-0.006	93	1690453	16.0	15.0	
$ 6 Phenol-d5	99	4.246	4.237	0.009	87	2443229	16.0	15.5	
7 Phenol	94	4.258	4.249	0.009	99	2406661	16.0	16.1	
8 Aniline	93	4.269	4.272	-0.003	95	2694562	16.0	15.0	
9 Bis(2-chloroethyl)ether	93	4.340	4.331	0.009	94	1917118	16.0	14.4	
10 Benzonitrile	103	4.363	4.355	0.008	95	2897500	16.0	15.1	
11 2-Chlorophenol	128	4.398	4.401	-0.003	82	886173	16.0	15.0	
12 n-Decane	43	4.432	4.437	-0.005	85	1207166	16.0	14.4	
13 1,3-Dichlorobenzene	146	4.547	4.542	0.005	77	915273	16.0	15.3	
* 14 1,4-Dichlorobenzene-d4	152	4.594	4.601	-0.007	83	313557	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.618	4.613	0.005	77	885709	16.0	15.3	
17 Benzyl alcohol	108	4.735	4.730	0.005	91	1199926	16.0	16.5	
18 1,2-Dichlorobenzene	146	4.770	4.765	0.005	77	839899	16.0	14.5	
19 2-Methylphenol	108	4.852	4.848	0.004	86	1473358	16.0	15.1	
20 2,2'-oxybis[1-chloropropan	45	4.876	4.871	0.005	92	1839620	16.0	14.4	
23 N-Methylaniline	106	4.993	4.989	0.004	81	2248041	16.0	15.3	
24 Acetophenone	105	5.005	5.000	0.005	97	1921044	16.0	13.7	
21 4-Methylphenol	108	5.017	5.012	0.005	85	1572122	16.0	15.0	
25 N-Nitrosodi-n-propylamine	70	5.017	5.012	0.005	65	1009516	16.0	13.4	
26 3 & 4 Methylphenol	108	5.017	5.012	0.005	81	1592707	NC	NC	
27 Hexachloroethane	117	5.109	5.106	0.003	86	749288	16.0	14.2	
$ 28 Nitrobenzene-d5	82	5.156	5.153	0.003	85	2203563	16.0	14.8	
30 n,n'-Dimethylaniline	120	5.180	5.177	0.003	77	1538965	16.0	13.3	
29 Nitrobenzene	77	5.180	5.177	0.003	90	2013167	16.0	13.1	
31 Isophorone	82	5.425	5.411	0.014	98	3828801	16.0	14.6	
32 2-Nitrophenol	139	5.495	5.493	0.002	71	551467	16.0	15.5	
33 2,4-Dimethylphenol	122	5.542	5.540	0.002	79	977564	16.0	14.6	
34 Bis(2-chloroethoxy)methane	93	5.624	5.622	0.002	94	2100027	16.0	14.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.695	5.669	0.026	80	709400	16.0	19.3	
36 2,4-Dichlorophenol	162	5.730	5.739	-0.009	87	696458	16.0	14.8	
37 1,2,4-Trichlorobenzene	180	5.813	5.820	-0.007	86	750522	16.0	14.0	
* 38 Naphthalene-d8	136	5.872	5.878	-0.006	94	1101817	8.00	8.00	
39 Naphthalene	128	5.895	5.890	0.005	93	2003334	16.0	14.3	
40 4-Chloroaniline	127	5.954	5.949	0.005	90	1145991	16.0	15.2	
41 Hexachlorobutadiene	225	6.024	6.020	0.004	88	614244	16.0	14.3	
44 4-Chloro-3-methylphenol	107	6.433	6.430	0.003	87	1542524	16.0	14.3	
45 2-Methylnaphthalene	142	6.586	6.582	0.004	77	1542151	16.0	14.6	
46 1-Methylnaphthalene	142	6.679	6.687	-0.008	83	1310474	16.0	13.3	
47 Hexachlorocyclopentadiene	237	6.749	6.745	0.004	91	719245	16.0	17.2	
48 1,2,4,5-Tetrachlorobenzene	216	6.761	6.757	0.004	94	853519	16.0	15.1	
49 2-tertbutyl-4-methylphenol	149	6.783	6.779	0.004	77	1236341	NC	NC	
50 2,4,6-Trichlorophenol	196	6.863	6.871	-0.008	72	560032	16.0	15.4	
51 2,4,5-Trichlorophenol	196	6.897	6.906	-0.009	80	561500	16.0	15.7	
$ 52 2-Fluorobiphenyl	172	6.943	6.953	-0.010	93	1711915	16.0	14.4	
53 1,1'-Biphenyl	154	7.047	7.046	0.001	97	1742178	16.0	14.4	
54 2-Chloronaphthalene	162	7.069	7.068	0.001	88	1315351	16.0	15.2	
55 Phenyl ether	170	7.151	7.150	0.001	80	1004412	16.0	15.6	
57 2-Nitroaniline	65	7.175	7.174	0.001	83	947955	16.0	15.7	
58 1,3-Dimethylnaphthalene	156	7.281	7.290	-0.009	84	1161598	16.0	14.4	
59 Dimethyl phthalate	163	7.362	7.361	0.001	92	1655607	16.0	14.0	
60 Coumarin	146	7.384	7.384	0.000	65	511948	16.0	14.2	
61 2,6-Dinitrotoluene	165	7.407	7.407	0.000	75	394857	16.0	14.4	
62 Acenaphthylene	152	7.486	7.477	0.009	94	1805810	16.0	14.3	
63 3-Nitroaniline	138	7.580	7.582	-0.002	82	429352	16.0	13.8	
* 64 Acenaphthene-d10	164	7.615	7.617	-0.002	92	614934	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.638	7.640	-0.002	96	1471844	NC	NC	
66 Acenaphthene	154	7.649	7.651	-0.002	94	1795497	16.0	16.8	
67 2,4-Dinitrophenol	184	7.684	7.686	-0.002	71	542895	32.0	33.7	
69 4-Nitrophenol	65	7.753	7.745	0.008	79	1020903	32.0	31.4	
70 2,4-Dinitrotoluene	165	7.811	7.801	0.010	80	550163	16.0	14.9	
71 Dibenzofuran	168	7.823	7.825	-0.002	87	1775746	16.0	14.0	
72 2,3,4,6-Tetrachlorophenol	232	7.949	7.943	0.006	91	504637	16.0	14.8	
73 Diethyl phthalate	149	8.054	8.047	0.007	96	1862898	16.0	13.6	
74 4-Chlorophenyl phenyl ethe	204	8.156	8.151	0.005	79	892641	16.0	15.5	
75 Fluorene	166	8.156	8.162	-0.006	92	1434578	16.0	14.9	
76 4-Nitroaniline	138	8.202	8.185	0.017	74	414335	16.0	15.0	
77 4,6-Dinitro-2-methylphenol	198	8.213	8.220	-0.007	54	657933	32.0	33.7	
78 N-Nitrosodiphenylamine	169	8.271	8.278	-0.007	67	1000364	16.0	13.4	
79 1,2-Diphenylhydrazine	77	8.318	8.313	0.005	97	2987319	16.0	14.7	
$ 80 2,4,6-Tribromophenol	330	8.400	8.406	-0.006	90	348037	16.0	14.7	
81 4-Bromophenyl phenyl ether	248	8.633	8.637	-0.004	72	533481	16.0	14.0	
82 Hexachlorobenzene	284	8.713	8.707	0.006	95	540658	16.0	14.9	
84 Pentachlorophenol	266	8.898	8.905	-0.007	85	714679	32.0	30.1	
85 Pentachloronitrobenzene	237	8.910	8.916	-0.006	79	343802	NC	NC	
86 n-Octadecane	57	8.966	8.961	0.005	87	1458697	16.0	14.8	
* 87 Phenanthrene-d10	188	9.079	9.076	0.003	96	951383	8.00	8.00	
88 Phenanthrene	178	9.101	9.110	-0.009	95	1597610	16.0	13.5	
89 Anthracene	178	9.159	9.157	0.002	94	1789362	16.0	14.2	
90 Carbazole	167	9.311	9.307	0.004	97	1547894	16.0	14.0	
91 Di-n-butyl phthalate	149	9.638	9.646	-0.008	97	2318326	16.0	12.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.271	10.273	-0.002	93	1831283	16.0	13.1	
93 Benzidine	184	10.398	10.401	-0.003	97	1143728	16.0	16.1	
94 Pyrene	202	10.501	10.506	-0.005	93	1755221	16.0	13.2	
95 Bisphenol-A	213	10.547	10.540	0.007	0	954735	NC	NC	
$ 96 Terphenyl-d14	244	10.661	10.666	-0.005	98	1615222	16.0	13.7	
97 Butyl benzyl phthalate	149	11.194	11.192	0.002	87	1160540	16.0	14.7	
99 Carbamazepine	193	11.333	11.333	0.000	87	850813	16.0	16.9	
100 3,3'-Dichlorobenzidine	252	11.847	11.849	-0.002	97	718097	16.0	15.2	
101 Benzo[a]anthracene	228	11.880	11.883	-0.003	99	1576570	16.0	14.5	
* 102 Chrysene-d12	240	11.892	11.894	-0.002	98	764830	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.903	11.905	-0.002	91	1389397	16.0	15.8	
104 Chrysene	228	11.925	11.928	-0.003	97	1373565	16.0	14.2	
105 Di-n-octyl phthalate	149	12.782	12.783	-0.001	96	2490305	16.0	14.9	
106 Benzo[b]fluoranthene	252	13.319	13.320	-0.001	95	1663298	16.0	14.7	
107 Benzo[k]fluoranthene	252	13.364	13.365	-0.001	96	1446481	16.0	13.5	
108 Benzo[a]pyrene	252	13.779	13.774	0.005	97	1606510	16.0	16.0	
* 109 Perylene-d12	264	13.847	13.854	-0.007	97	712891	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.463	15.447	0.016	96	1454855	16.0	16.5	M
111 Dibenz(a,h)anthracene	278	15.496	15.492	0.004	98	1207016	16.0	15.9	
112 Benzo[g,h,i]perylene	276	15.912	15.907	0.005	96	1464037	16.0	16.8	
S 119 Total Cresols	1				0			15.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL7_00013 Amount Added: 1.00 Units: mL

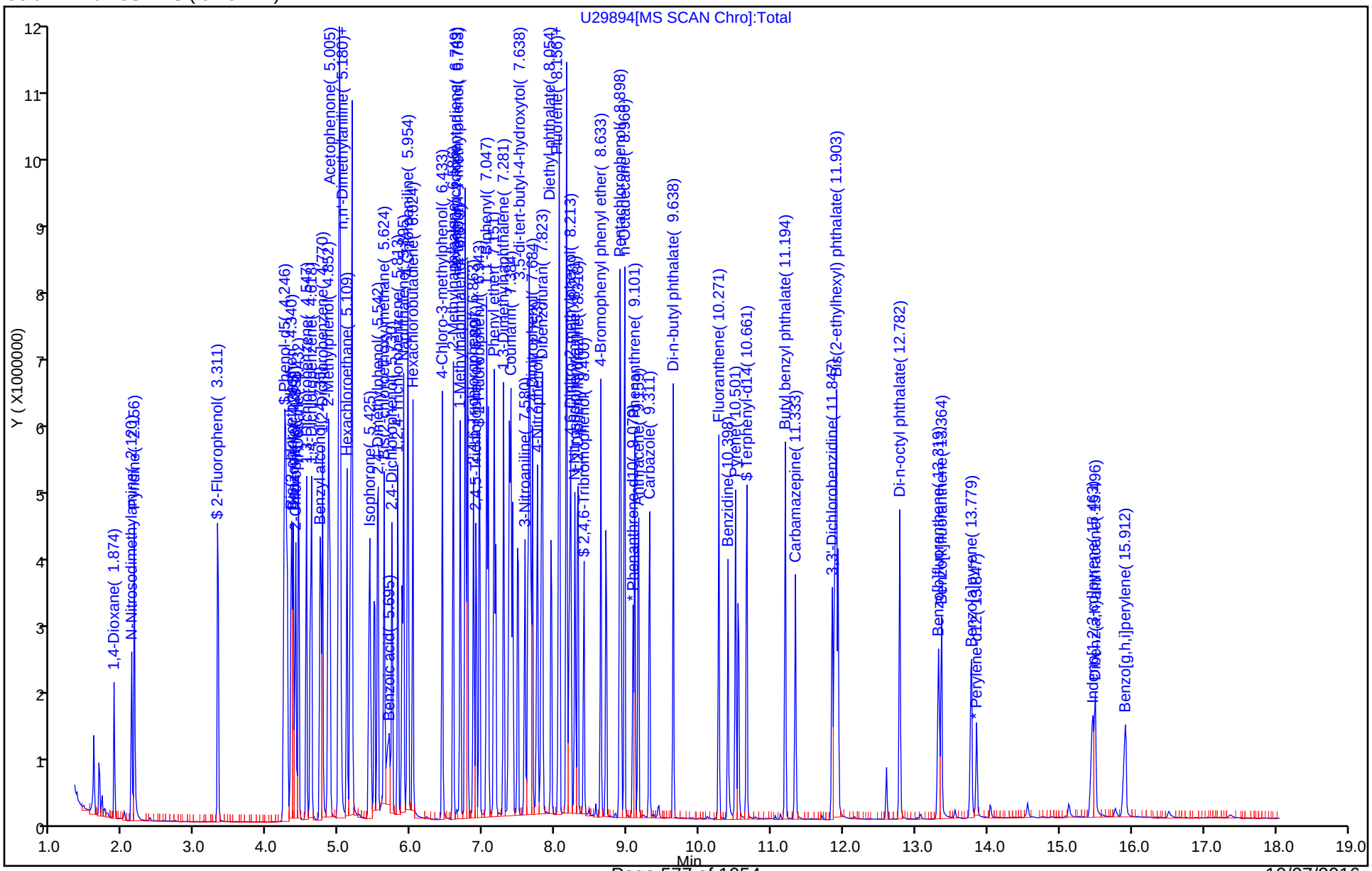
Report Date: 05-Oct-2016 14:13:52 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29894.D

Injection Date:	03-Oct-2016 17:35:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	STD16			Worklist Smp#:	4
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29895.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 03-Oct-2016 17:57:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-005
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub1

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:13:54 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 19:30:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.877	1.885	-0.008	86	213962	4.00	4.09	
2 N-Nitrosodimethylamine	74	2.109	2.118	-0.009	91	322374	4.00	4.40	
3 Pyridine	79	2.156	2.164	-0.008	97	437575	4.00	3.88	
$ 4 2-Fluorophenol	112	3.313	3.317	-0.004	94	476648	4.00	4.18	
$ 6 Phenol-d5	99	4.222	4.237	-0.015	89	684262	4.00	4.28	
7 Phenol	94	4.233	4.249	-0.016	97	667953	4.00	4.40	
8 Aniline	93	4.269	4.272	-0.003	93	769529	4.00	4.22	
9 Bis(2-chloroethyl)ether	93	4.316	4.331	-0.015	96	564878	4.00	4.18	
10 Benzonitrile	103	4.339	4.355	-0.016	98	899842	4.00	4.61	
11 2-Chlorophenol	128	4.386	4.401	-0.015	82	246768	4.00	4.12	
12 n-Decane	43	4.433	4.437	-0.004	86	374080	4.00	4.40	
13 1,3-Dichlorobenzene	146	4.538	4.542	-0.004	75	250416	4.00	4.12	
* 14 1,4-Dichlorobenzene-d4	152	4.597	4.601	-0.004	87	318281	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.609	4.613	-0.004	79	249476	4.00	4.23	
17 Benzyl alcohol	108	4.726	4.730	-0.004	91	303366	4.00	4.11	
18 1,2-Dichlorobenzene	146	4.761	4.765	-0.004	77	244446	4.00	4.16	
19 2-Methylphenol	108	4.843	4.848	-0.005	90	415718	4.00	4.19	
20 2,2'-oxybis[1-chloropropan	45	4.865	4.871	-0.006	90	592570	4.00	4.56	
23 N-Methylaniline	106	4.981	4.989	-0.008	83	673818	4.00	4.52	
24 Acetophenone	105	4.992	5.000	-0.008	89	648198	4.00	4.56	
21 4-Methylphenol	108	4.992	5.012	-0.020	71	440002	4.00	4.14	
25 N-Nitrosodi-n-propylamine	70	4.992	5.012	-0.020	70	299762	4.00	3.92	
26 3 & 4 Methylphenol	108	4.992	5.012	-0.020	80	447179	NC	NC	
27 Hexachloroethane	117	5.097	5.106	-0.009	83	210420	4.00	3.92	
$ 28 Nitrobenzene-d5	82	5.143	5.153	-0.010	82	649664	4.00	4.10	
30 n,n'-Dimethylaniline	120	5.167	5.177	-0.011	89	497993	4.00	4.23	
29 Nitrobenzene	77	5.167	5.177	-0.011	90	678760	4.00	4.17	
31 Isophorone	82	5.400	5.411	-0.011	97	1124722	4.00	4.04	
32 2-Nitrophenol	139	5.482	5.493	-0.011	65	155186	4.00	4.11	
33 2,4-Dimethylphenol	122	5.529	5.540	-0.011	79	281491	4.00	3.95	
34 Bis(2-chloroethoxy)methane	93	5.611	5.622	-0.011	94	640352	4.00	4.19	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.623	5.669	-0.046	79	146612	4.00	3.76	
36 2,4-Dichlorophenol	162	5.728	5.739	-0.011	84	201862	4.00	4.05	
37 1,2,4-Trichlorobenzene	180	5.810	5.820	-0.010	88	212592	4.00	3.75	
* 38 Naphthalene-d8	136	5.868	5.878	-0.010	96	1168151	8.00	8.00	
39 Naphthalene	128	5.892	5.890	0.002	96	597457	4.00	4.02	
40 4-Chloroaniline	127	5.939	5.949	-0.010	86	315983	4.00	3.94	
41 Hexachlorobutadiene	225	6.019	6.020	-0.001	89	177447	4.00	3.91	
44 4-Chloro-3-methylphenol	107	6.428	6.430	-0.002	87	471914	4.00	4.11	
45 2-Methylnaphthalene	142	6.578	6.582	-0.004	75	450811	4.00	4.03	
46 1-Methylnaphthalene	142	6.671	6.687	-0.016	84	411173	4.00	3.93	
47 Hexachlorocyclopentadiene	237	6.741	6.745	-0.004	90	186537	4.00	4.20	
48 1,2,4,5-Tetrachlorobenzene	216	6.752	6.757	-0.005	94	255325	4.00	4.25	
49 2-tertbutyl-4-methylphenol	149	6.776	6.779	-0.003	76	354958	NC	NC	
50 2,4,6-Trichlorophenol	196	6.856	6.871	-0.015	72	170993	4.00	4.44	
51 2,4,5-Trichlorophenol	196	6.891	6.906	-0.015	84	159518	4.00	4.22	
$ 52 2-Fluorobiphenyl	172	6.937	6.953	-0.016	94	538778	4.00	4.27	
53 1,1'-Biphenyl	154	7.042	7.046	-0.004	97	572212	4.00	4.48	
54 2-Chloronaphthalene	162	7.065	7.068	-0.003	91	364733	4.00	3.97	
55 Phenyl ether	170	7.145	7.150	-0.005	83	317578	4.00	4.65	
57 2-Nitroaniline	65	7.155	7.174	-0.019	81	279953	4.00	4.38	
58 1,3-Dimethylnaphthalene	156	7.271	7.290	-0.019	84	369050	4.00	4.33	
59 Dimethyl phthalate	163	7.342	7.361	-0.019	93	533418	4.00	4.25	
60 Coumarin	146	7.365	7.384	-0.019	64	161827	4.00	4.23	
61 2,6-Dinitrotoluene	165	7.401	7.407	-0.006	79	120575	4.00	4.15	
62 Acenaphthylene	152	7.471	7.477	-0.006	95	584706	4.00	4.36	
63 3-Nitroaniline	138	7.563	7.582	-0.019	83	141858	4.00	4.29	
* 64 Acenaphthene-d10	164	7.610	7.617	-0.007	92	651349	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.634	7.640	-0.006	96	422462	NC	NC	
66 Acenaphthene	154	7.645	7.651	-0.006	96	460729	4.00	4.07	
67 2,4-Dinitrophenol	184	7.668	7.686	-0.018	87	136195	8.00	7.99	
69 4-Nitrophenol	65	7.727	7.745	-0.018	82	292425	8.00	8.50	
70 2,4-Dinitrotoluene	165	7.797	7.801	-0.004	78	160901	4.00	4.11	
71 Dibenzofuran	168	7.809	7.825	-0.016	89	578448	4.00	4.29	
72 2,3,4,6-Tetrachlorophenol	232	7.938	7.943	-0.005	89	152878	4.00	4.24	
73 Diethyl phthalate	149	8.030	8.047	-0.017	93	611664	4.00	4.23	
74 4-Chlorophenyl phenyl ethe	204	8.147	8.151	-0.004	79	257050	4.00	4.21	
75 Fluorene	166	8.147	8.162	-0.015	91	405265	4.00	3.96	
76 4-Nitroaniline	138	8.171	8.185	-0.014	76	122439	4.00	4.17	
77 4,6-Dinitro-2-methylphenol	198	8.194	8.220	-0.026	65	190910	8.00	8.95	
78 N-Nitrosodiphenylamine	169	8.263	8.278	-0.015	68	329152	4.00	4.04	
79 1,2-Diphenylhydrazine	77	8.298	8.313	-0.015	96	990945	4.00	4.48	
$ 80 2,4,6-Tribromophenol	330	8.392	8.406	-0.014	87	97735	4.00	3.90	
81 4-Bromophenyl phenyl ether	248	8.625	8.637	-0.012	73	163957	4.00	3.95	
82 Hexachlorobenzene	284	8.695	8.707	-0.012	86	157900	4.00	3.99	
84 Pentachlorophenol	266	8.892	8.905	-0.013	90	211623	8.00	8.16	
85 Pentachloronitrobenzene	237	8.903	8.916	-0.013	82	112219	NC	NC	
86 n-Octadecane	57	8.950	8.961	-0.011	92	467720	4.00	4.36	
* 87 Phenanthrene-d10	188	9.066	9.076	-0.010	95	1037829	8.00	8.00	
88 Phenanthrene	178	9.090	9.110	-0.020	98	526445	4.00	4.09	
89 Anthracene	178	9.148	9.157	-0.009	97	557614	4.00	4.06	
90 Carbazole	167	9.299	9.307	-0.008	99	528998	4.00	4.38	
91 Di-n-butyl phthalate	149	9.636	9.646	-0.010	99	872129	4.00	4.18	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.265	10.273	-0.008	96	637774	4.00	4.17	
93 Benzidine	184	10.393	10.401	-0.008	98	316439	4.00	4.08	
94 Pyrene	202	10.499	10.506	-0.007	96	636463	4.00	4.31	
95 Bisphenol-A	213	10.533	10.540	-0.007	0	296665	NC	NC	
$ 96 Terphenyl-d14	244	10.646	10.666	-0.020	97	513428	4.00	3.93	
97 Butyl benzyl phthalate	149	11.184	11.192	-0.008	85	367192	4.00	4.18	
99 Carbamazepine	193	11.313	11.333	-0.020	87	238005	4.00	4.27	
100 3,3'-Dichlorobenzidine	252	11.827	11.849	-0.022	95	214694	4.00	4.09	
101 Benzo[a]anthracene	228	11.860	11.883	-0.023	99	481016	4.00	3.99	
* 102 Chrysene-d12	240	11.883	11.894	-0.011	98	848663	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.894	11.905	-0.011	91	414523	4.00	4.25	
104 Chrysene	228	11.917	11.928	-0.011	98	437565	4.00	4.07	
105 Di-n-octyl phthalate	149	12.777	12.783	-0.006	97	775218	4.00	4.37	
106 Benzo[b]fluoranthene	252	13.304	13.320	-0.016	96	490138	4.00	4.08	
107 Benzo[k]fluoranthene	252	13.338	13.365	-0.027	97	442044	4.00	3.90	
108 Benzo[a]pyrene	252	13.758	13.774	-0.016	97	448049	4.00	4.20	
* 109 Perylene-d12	264	13.839	13.854	-0.015	99	756856	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.428	15.447	-0.019	96	367842	4.00	3.92	M
111 Dibenz(a,h)anthracene	278	15.462	15.492	-0.030	96	332037	4.00	4.11	
112 Benzo[g,h,i]perylene	276	15.881	15.907	-0.026	96	350909	4.00	3.79	
S 119 Total Cresols	1				0			4.19	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL5_00021 Amount Added: 1.00 Units: mL

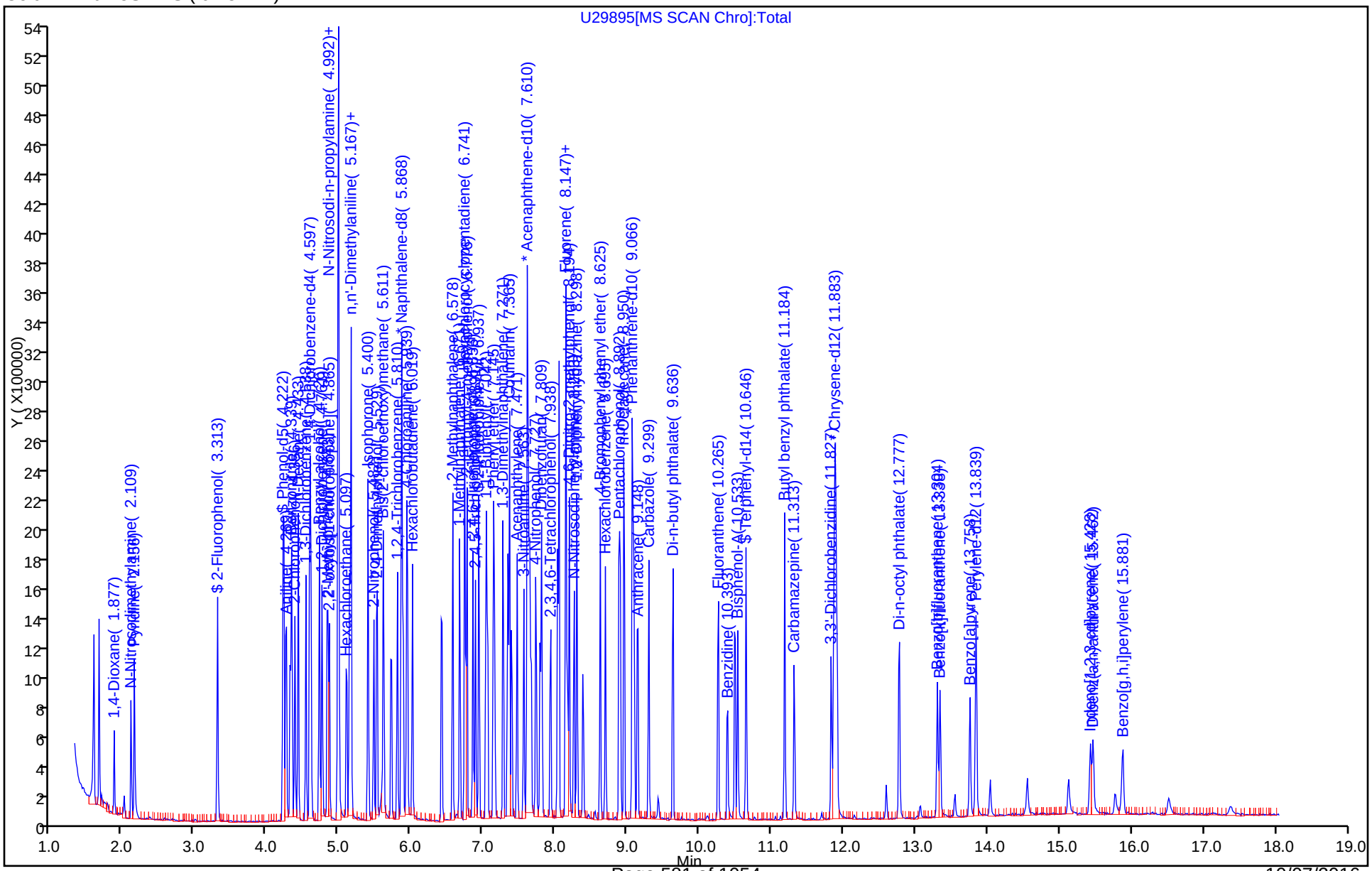
Report Date: 05-Oct-2016 14:13:56 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29895.D

Injection Date:	03-Oct-2016 17:57:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	STD4			Worklist Smp#:	5
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29896.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 03-Oct-2016 18:20:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-006
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub1

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:13:58 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 19:31:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.874	1.885	-0.011	89	116363	2.00	2.18	
2 N-Nitrosodimethylamine	74	2.106	2.118	-0.012	84	161338	2.00	2.16	
3 Pyridine	79	2.153	2.164	-0.011	95	276187	2.00	2.40	
$ 4 2-Fluorophenol	112	3.313	3.317	-0.004	94	259143	2.00	2.22	
$ 6 Phenol-d5	99	4.211	4.237	-0.026	89	361367	2.00	2.21	
7 Phenol	94	4.234	4.249	-0.015	95	326337	2.00	2.10	
8 Aniline	93	4.258	4.272	-0.014	95	417544	2.00	2.24	
9 Bis(2-chloroethyl)ether	93	4.316	4.331	-0.015	94	307148	2.00	2.23	
10 Benzonitrile	103	4.340	4.355	-0.015	99	351960	2.00	1.77	
11 2-Chlorophenol	128	4.387	4.401	-0.014	83	136346	2.00	2.23	
12 n-Decane	43	4.434	4.437	-0.003	88	205193	2.00	2.36	
13 1,3-Dichlorobenzene	146	4.539	4.542	-0.003	78	139093	2.00	2.24	
* 14 1,4-Dichlorobenzene-d4	152	4.586	4.601	-0.015	84	325238	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.610	4.613	-0.003	82	131672	2.00	2.19	
17 Benzyl alcohol	108	4.726	4.730	-0.004	92	149264	2.00	1.98	
18 1,2-Dichlorobenzene	146	4.760	4.765	-0.005	80	141095	2.00	2.35	
19 2-Methylphenol	108	4.829	4.848	-0.019	90	226041	2.00	2.23	
20 2,2'-oxybis[1-chloropropan	45	4.864	4.871	-0.007	93	306950	2.00	2.31	
23 N-Methylaniline	106	4.981	4.989	-0.008	82	268710	2.00	1.76	
24 Acetophenone	105	4.993	5.000	-0.007	88	342442	2.00	2.36	
21 4-Methylphenol	108	4.993	5.012	-0.019	72	237684	2.00	2.19	
25 N-Nitrosodi-n-propylamine	70	4.993	5.012	-0.019	66	162854	2.00	2.08	
26 3 & 4 Methylphenol	108	4.993	5.012	-0.019	86	239332	NC	NC	
27 Hexachloroethane	117	5.097	5.106	-0.009	83	118136	2.00	2.15	
$ 28 Nitrobenzene-d5	82	5.143	5.153	-0.010	83	368375	2.00	2.32	
30 n,n'-Dimethylaniline	120	5.165	5.177	-0.012	93	189566	2.00	1.58	
29 Nitrobenzene	77	5.153	5.177	-0.024	91	343140	2.00	2.10	
31 Isophorone	82	5.399	5.411	-0.013	97	614087	2.00	2.20	
32 2-Nitrophenol	139	5.479	5.493	-0.014	68	84950	2.00	2.24	
33 2,4-Dimethylphenol	122	5.526	5.540	-0.014	79	150508	2.00	2.11	
34 Bis(2-chloroethoxy)methane	93	5.609	5.622	-0.013	92	351325	2.00	2.29	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.597	5.669	-0.072	81	56547	2.00	1.45	
36 2,4-Dichlorophenol	162	5.726	5.739	-0.013	85	108585	2.00	2.17	
37 1,2,4-Trichlorobenzene	180	5.808	5.820	-0.012	88	117698	2.00	2.07	
* 38 Naphthalene-d8	136	5.867	5.878	-0.011	96	1172213	8.00	8.00	
39 Naphthalene	128	5.878	5.890	-0.012	95	349332	2.00	2.34	
40 4-Chloroaniline	127	5.937	5.949	-0.012	87	183264	2.00	2.28	
41 Hexachlorobutadiene	225	6.019	6.020	-0.001	90	95553	2.00	2.10	
44 4-Chloro-3-methylphenol	107	6.417	6.430	-0.013	86	257113	2.00	2.23	
45 2-Methylnaphthalene	142	6.569	6.582	-0.013	76	243032	2.00	2.17	
46 1-Methylnaphthalene	142	6.672	6.687	-0.015	84	234620	2.00	2.23	
47 Hexachlorocyclopentadiene	237	6.741	6.745	-0.004	89	99662	2.00	2.07	
48 1,2,4,5-Tetrachlorobenzene	216	6.741	6.757	-0.016	86	136447	2.00	2.09	
49 2-tertbutyl-4-methylphenol	149	6.775	6.779	-0.004	74	143454	NC	NC	
50 2,4,6-Trichlorophenol	196	6.856	6.871	-0.015	75	88929	2.00	2.13	
51 2,4,5-Trichlorophenol	196	6.890	6.906	-0.016	84	84113	2.00	2.05	
$ 52 2-Fluorobiphenyl	172	6.938	6.953	-0.015	95	300925	2.00	2.19	
53 1,1'-Biphenyl	154	7.031	7.046	-0.015	95	318465	2.00	2.29	
54 2-Chloronaphthalene	162	7.053	7.068	-0.015	89	208791	2.00	2.10	
55 Phenyl ether	170	7.135	7.150	-0.015	71	118445	2.00	1.60	
57 2-Nitroaniline	65	7.159	7.174	-0.015	83	139483	2.00	2.01	
58 1,3-Dimethylnaphthalene	156	7.276	7.290	-0.014	85	157724	2.00	1.70	
59 Dimethyl phthalate	163	7.334	7.361	-0.027	92	313018	2.00	2.30	
60 Coumarin	146	7.358	7.384	-0.026	63	64167	2.00	1.67	
61 2,6-Dinitrotoluene	165	7.393	7.407	-0.014	82	68347	2.00	2.17	
62 Acenaphthylene	152	7.464	7.477	-0.013	94	326001	2.00	2.24	
63 3-Nitroaniline	138	7.557	7.582	-0.025	82	75565	2.00	2.10	
* 64 Acenaphthene-d10	164	7.615	7.617	-0.002	93	707403	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.626	7.640	-0.014	97	168197	NC	NC	
66 Acenaphthene	154	7.638	7.651	-0.013	96	256891	2.00	2.09	
67 2,4-Dinitrophenol	184	7.661	7.686	-0.025	80	65207	4.00	3.52	
69 4-Nitrophenol	65	7.731	7.745	-0.014	78	149035	4.00	3.99	
70 2,4-Dinitrotoluene	165	7.789	7.801	-0.012	80	94968	2.00	2.23	
71 Dibenzofuran	168	7.813	7.825	-0.012	92	332835	2.00	2.28	
72 2,3,4,6-Tetrachlorophenol	232	7.930	7.943	-0.013	82	79898	2.00	2.04	
73 Diethyl phthalate	149	8.035	8.047	-0.012	96	349750	2.00	2.22	
74 4-Chlorophenyl phenyl ethe	204	8.139	8.151	-0.012	70	130282	2.00	1.96	
75 Fluorene	166	8.151	8.162	-0.011	94	234380	2.00	2.11	
76 4-Nitroaniline	138	8.163	8.185	-0.022	77	70288	2.00	2.21	
77 4,6-Dinitro-2-methylphenol	198	8.186	8.220	-0.034	54	102800	4.00	4.60	
78 N-Nitrosodiphenylamine	169	8.257	8.278	-0.021	68	193432	2.00	2.27	
79 1,2-Diphenylhydrazine	77	8.302	8.313	-0.011	98	543164	2.00	2.35	
$ 80 2,4,6-Tribromophenol	330	8.382	8.406	-0.024	85	57427	2.00	2.11	
81 4-Bromophenyl phenyl ether	248	8.625	8.637	-0.012	79	102078	2.00	2.35	
82 Hexachlorobenzene	284	8.695	8.707	-0.012	91	91211	2.00	2.20	
84 Pentachlorophenol	266	8.882	8.905	-0.023	83	112777	4.00	4.15	
85 Pentachloronitrobenzene	237	8.904	8.916	-0.012	85	45417	NC	NC	
86 n-Octadecane	57	8.951	8.961	-0.010	92	267360	2.00	2.38	
* 87 Phenanthrene-d10	188	9.067	9.076	-0.009	96	1086543	8.00	8.00	
88 Phenanthrene	178	9.091	9.110	-0.019	98	318691	2.00	2.36	
89 Anthracene	178	9.137	9.157	-0.020	94	333165	2.00	2.32	
90 Carbazole	167	9.300	9.307	-0.007	99	297870	2.00	2.36	
91 Di-n-butyl phthalate	149	9.636	9.646	-0.010	98	529762	2.00	2.42	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.254	10.273	-0.019	96	386736	2.00	2.42	
93 Benzidine	184	10.392	10.401	-0.009	97	170585	2.00	2.10	
94 Pyrene	202	10.486	10.506	-0.020	94	355867	2.00	2.22	
95 Bisphenol-A	213	10.533	10.540	-0.007	0	168193	NC	NC	
$ 96 Terphenyl-d14	244	10.649	10.666	-0.017	98	314176	2.00	2.22	
97 Butyl benzyl phthalate	149	11.183	11.192	-0.009	88	214417	2.00	2.25	
99 Carbamazepine	193	11.311	11.333	-0.022	87	95762	2.00	1.58	
100 3,3'-Dichlorobenzidine	252	11.834	11.849	-0.015	97	138184	2.00	2.43	
101 Benzo[a]anthracene	228	11.868	11.883	-0.015	98	266460	2.00	2.04	
* 102 Chrysene-d12	240	11.879	11.894	-0.015	98	920746	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.890	11.905	-0.015	91	225124	2.00	2.13	
104 Chrysene	228	11.913	11.928	-0.015	98	243475	2.00	2.09	
105 Di-n-octyl phthalate	149	12.773	12.783	-0.010	96	412468	2.00	2.23	
106 Benzo[b]fluoranthene	252	13.300	13.320	-0.020	97	280351	2.00	2.23	
107 Benzo[k]fluoranthene	252	13.336	13.365	-0.029	98	238574	2.00	2.01	
108 Benzo[a]pyrene	252	13.759	13.774	-0.015	97	236587	2.00	2.12	
* 109 Perylene-d12	264	13.840	13.854	-0.014	99	791002	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.416	15.447	-0.031	98	218625	2.00	2.23	
111 Dibenz(a,h)anthracene	278	15.462	15.492	-0.030	96	173545	2.00	2.06	
112 Benzo[g,h,i]perylene	276	15.870	15.907	-0.037	96	179959	2.00	1.86	
S 119 Total Cresols	1				0			2.23	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL4_00034 Amount Added: 1.00 Units: mL

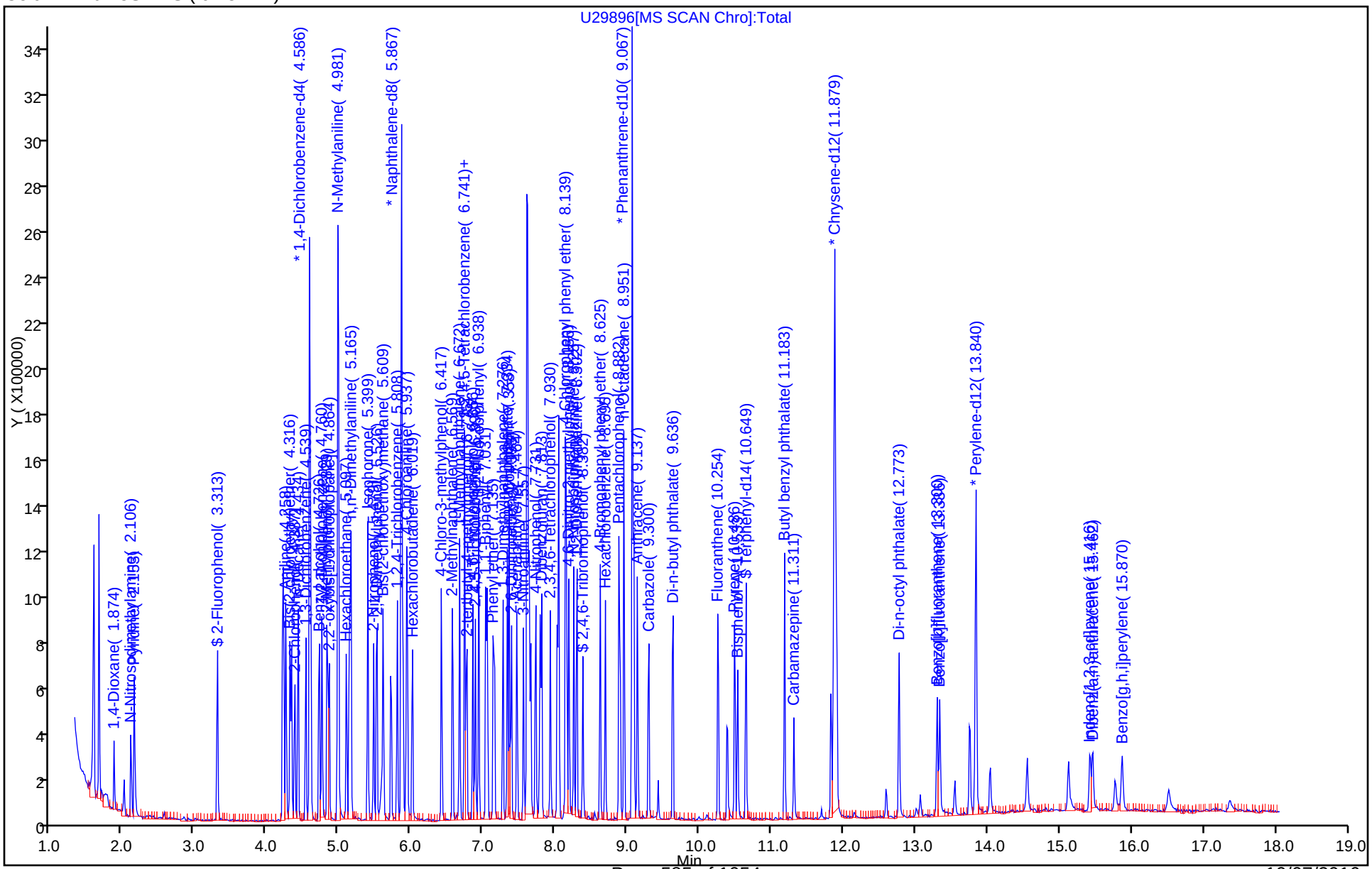
Report Date: 05-Oct-2016 14:14:00 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29896.D

Injection Date:	03-Oct-2016 18:20:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	STD2			Worklist Smp#:	6
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29897.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 03-Oct-2016 18:42:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-007
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub1

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:04 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 19:33:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.875	1.885	-0.010	87	62615	1.00	1.12	M
2 N-Nitrosodimethylamine	74	2.109	2.118	-0.009	87	79212	1.00	1.01	
3 Pyridine	79	2.168	2.164	0.004	95	127081	1.00	1.05	
$ 4 2-Fluorophenol	112	3.312	3.317	-0.005	94	125123	1.00	1.03	
$ 6 Phenol-d5	99	4.211	4.237	-0.026	89	177049	1.00	1.04	
7 Phenol	94	4.223	4.249	-0.026	99	162445	1.00	1.00	
8 Aniline	93	4.258	4.272	-0.014	95	217488	1.00	1.12	
9 Bis(2-chloroethyl)ether	93	4.317	4.331	-0.014	93	146777	1.00	1.02	
10 Benzonitrile	103	4.340	4.355	-0.015	98	233696	1.00	1.12	
11 2-Chlorophenol	128	4.387	4.401	-0.014	83	66009	1.00	1.03	
12 n-Decane	43	4.434	4.437	-0.003	91	105223	1.00	1.16	
13 1,3-Dichlorobenzene	146	4.539	4.542	-0.003	79	67137	1.00	1.03	
* 14 1,4-Dichlorobenzene-d4	152	4.586	4.601	-0.015	85	339996	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.610	4.613	-0.003	81	64268	1.00	1.02	
17 Benzyl alcohol	108	4.715	4.730	-0.015	91	79429	1.00	1.01	
18 1,2-Dichlorobenzene	146	4.762	4.765	-0.003	78	67376	1.00	1.07	
19 2-Methylphenol	108	4.833	4.848	-0.015	87	108860	1.00	1.03	
20 2,2'-oxybis[1-chloropropan	45	4.856	4.871	-0.015	93	155892	1.00	1.12	
23 N-Methylaniline	106	4.973	4.989	-0.016	83	184176	1.00	1.16	
24 Acetophenone	105	4.985	5.000	-0.015	84	173645	1.00	1.14	
21 4-Methylphenol	108	4.985	5.012	-0.027	68	126442	1.00	1.11	
25 N-Nitrosodi-n-propylamine	70	4.985	5.012	-0.027	69	93040	1.00	1.14	
26 3 & 4 Methylphenol	108	4.985	5.012	-0.027	79	126442	NC	NC	
27 Hexachloroethane	117	5.101	5.106	-0.005	85	55414	1.00	0.9654	
$ 28 Nitrobenzene-d5	82	5.136	5.153	-0.017	83	176890	1.00	1.12	
30 n,n'-Dimethylaniline	120	5.160	5.177	-0.017	74	137368	1.00	1.09	
29 Nitrobenzene	77	5.160	5.177	-0.017	91	191375	1.00	1.18	
31 Isophorone	82	5.393	5.411	-0.018	97	313676	1.00	1.13	
32 2-Nitrophenol	139	5.475	5.493	-0.018	51	37405	1.00	1.00	
33 2,4-Dimethylphenol	122	5.521	5.540	-0.019	80	85230	1.00	1.20	
34 Bis(2-chloroethoxy)methane	93	5.615	5.622	-0.007	92	179119	1.00	1.18	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.580	5.669	-0.089	87	24003	1.00	0.6197	
36 2,4-Dichlorophenol	162	5.720	5.739	-0.019	82	55345	1.00	1.12	
37 1,2,4-Trichlorobenzene	180	5.801	5.820	-0.019	86	56306	1.00	1.00	
* 38 Naphthalene-d8	136	5.859	5.878	-0.019	95	1160999	8.00	8.00	
39 Naphthalene	128	5.882	5.890	-0.008	96	168299	1.00	1.14	
40 4-Chloroaniline	127	5.929	5.949	-0.020	87	86637	1.00	1.09	
41 Hexachlorobutadiene	225	6.011	6.020	-0.009	83	45813	1.00	1.01	
44 4-Chloro-3-methylphenol	107	6.419	6.430	-0.011	87	135574	1.00	1.19	
45 2-Methylnaphthalene	142	6.572	6.582	-0.010	77	131089	1.00	1.18	
46 1-Methylnaphthalene	142	6.677	6.687	-0.010	87	115792	1.00	1.11	
47 Hexachlorocyclopentadiene	237	6.735	6.745	-0.010	83	42357	1.00	0.8444	
48 1,2,4,5-Tetrachlorobenzene	216	6.747	6.757	-0.010	94	75058	1.00	1.11	
49 2-tertbutyl-4-methylphenol	149	6.770	6.779	-0.009	76	99401	NC	NC	
50 2,4,6-Trichlorophenol	196	6.852	6.871	-0.019	71	43130	1.00	0.99	
51 2,4,5-Trichlorophenol	196	6.887	6.906	-0.019	81	42666	1.00	1.00	
$ 52 2-Fluorobiphenyl	172	6.934	6.953	-0.019	94	152732	1.00	1.07	
53 1,1'-Biphenyl	154	7.039	7.046	-0.007	95	156000	1.00	1.08	
54 2-Chloronaphthalene	162	7.051	7.068	-0.017	90	123453	1.00	1.19	
55 Phenyl ether	170	7.144	7.150	-0.006	86	83810	1.00	1.08	
57 2-Nitroaniline	65	7.156	7.174	-0.018	84	75613	1.00	1.05	
58 1,3-Dimethylnaphthalene	156	7.272	7.290	-0.018	85	109296	1.00	1.13	
59 Dimethyl phthalate	163	7.330	7.361	-0.031	90	155068	1.00	1.09	
60 Coumarin	146	7.354	7.384	-0.030	64	46129	1.00	1.21	
61 2,6-Dinitrotoluene	165	7.389	7.407	-0.018	79	35257	1.00	1.07	
62 Acenaphthylene	152	7.471	7.477	-0.006	95	164149	1.00	1.08	
63 3-Nitroaniline	138	7.563	7.582	-0.019	88	38875	1.00	1.04	
* 64 Acenaphthene-d10	164	7.609	7.617	-0.008	93	736422	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.621	7.640	-0.019	94	112030	NC	NC	
66 Acenaphthene	154	7.644	7.651	-0.007	95	130561	1.00	1.02	
67 2,4-Dinitrophenol	184	7.656	7.686	-0.030	74	28458	2.00	1.48	
69 4-Nitrophenol	65	7.727	7.745	-0.018	78	70261	2.00	1.81	
70 2,4-Dinitrotoluene	165	7.785	7.801	-0.016	78	44240	1.00	1.00	
71 Dibenzofuran	168	7.808	7.825	-0.017	92	177095	1.00	1.16	
72 2,3,4,6-Tetrachlorophenol	232	7.936	7.943	-0.007	91	42438	1.00	1.04	
73 Diethyl phthalate	149	8.029	8.047	-0.018	96	190955	1.00	1.17	
74 4-Chlorophenyl phenyl ethe	204	8.147	8.151	-0.004	75	74421	1.00	1.08	
75 Fluorene	166	8.147	8.162	-0.015	91	123408	1.00	1.07	
76 4-Nitroaniline	138	8.159	8.185	-0.026	81	36434	1.00	1.10	
77 4,6-Dinitro-2-methylphenol	198	8.194	8.220	-0.026	51	43802	2.00	1.78	
78 N-Nitrosodiphenylamine	169	8.252	8.278	-0.026	65	104422	1.00	1.11	
79 1,2-Diphenylhydrazine	77	8.299	8.313	-0.014	98	285257	1.00	1.12	
$ 80 2,4,6-Tribromophenol	330	8.382	8.406	-0.024	87	31670	1.00	1.12	
81 4-Bromophenyl phenyl ether	248	8.626	8.637	-0.011	81	50185	1.00	1.05	
82 Hexachlorobenzene	284	8.696	8.707	-0.011	95	46828	1.00	1.02	
84 Pentachlorophenol	266	8.884	8.905	-0.021	87	51285	2.00	1.71	
85 Pentachloronitrobenzene	237	8.895	8.916	-0.021	78	33144	NC	NC	
86 n-Octadecane	57	8.953	8.961	-0.008	91	138611	1.00	1.12	
* 87 Phenanthrene-d10	188	9.069	9.076	-0.007	97	1199848	8.00	8.00	
88 Phenanthrene	178	9.092	9.110	-0.018	98	157071	1.00	1.05	
89 Anthracene	178	9.139	9.157	-0.018	96	181241	1.00	1.14	
90 Carbazole	167	9.292	9.307	-0.015	98	155800	1.00	1.12	
91 Di-n-butyl phthalate	149	9.632	9.646	-0.014	99	317655	1.00	1.32	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.261	10.273	-0.012	96	200865	1.00	1.14	
93 Benzidine	184	10.390	10.401	-0.011	98	86839	1.00	0.9686	
94 Pyrene	202	10.484	10.506	-0.022	95	203959	1.00	1.15	
95 Bisphenol-A	213	10.531	10.540	-0.009	0	91340	NC	NC	
$ 96 Terphenyl-d14	244	10.648	10.666	-0.018	99	159078	1.00	1.02	
97 Butyl benzyl phthalate	149	11.185	11.192	-0.007	88	110047	1.00	1.05	
99 Carbamazepine	193	11.312	11.333	-0.021	86	62092	1.00	0.9306	
100 3,3'-Dichlorobenzidine	252	11.826	11.849	-0.023	97	60942	1.00	0.9709	
101 Benzo[a]anthracene	228	11.861	11.883	-0.022	98	142381	1.00	0.9867	
* 102 Chrysene-d12	240	11.872	11.894	-0.022	99	1015677	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.894	11.905	-0.011	89	110338	1.00	0.9448	
104 Chrysene	228	11.906	11.928	-0.022	98	135175	1.00	1.05	
105 Di-n-octyl phthalate	149	12.771	12.783	-0.012	95	192498	1.00	0.99	
106 Benzo[b]fluoranthene	252	13.296	13.320	-0.024	96	132163	1.00	1.00	
107 Benzo[k]fluoranthene	252	13.331	13.365	-0.034	98	130362	1.00	1.05	
108 Benzo[a]pyrene	252	13.750	13.774	-0.024	97	125300	1.00	1.07	
* 109 Perylene-d12	264	13.843	13.854	-0.011	99	830142	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.412	15.447	-0.035	96	98873	1.00	0.9610	
111 Dibenz(a,h)anthracene	278	15.459	15.492	-0.033	97	82302	1.00	0.9296	
112 Benzo[g,h,i]perylene	276	15.868	15.907	-0.039	96	95652	1.00	0.9411	
S 119 Total Cresols	1				0			1.03	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL3_00030 Amount Added: 1.00 Units: mL

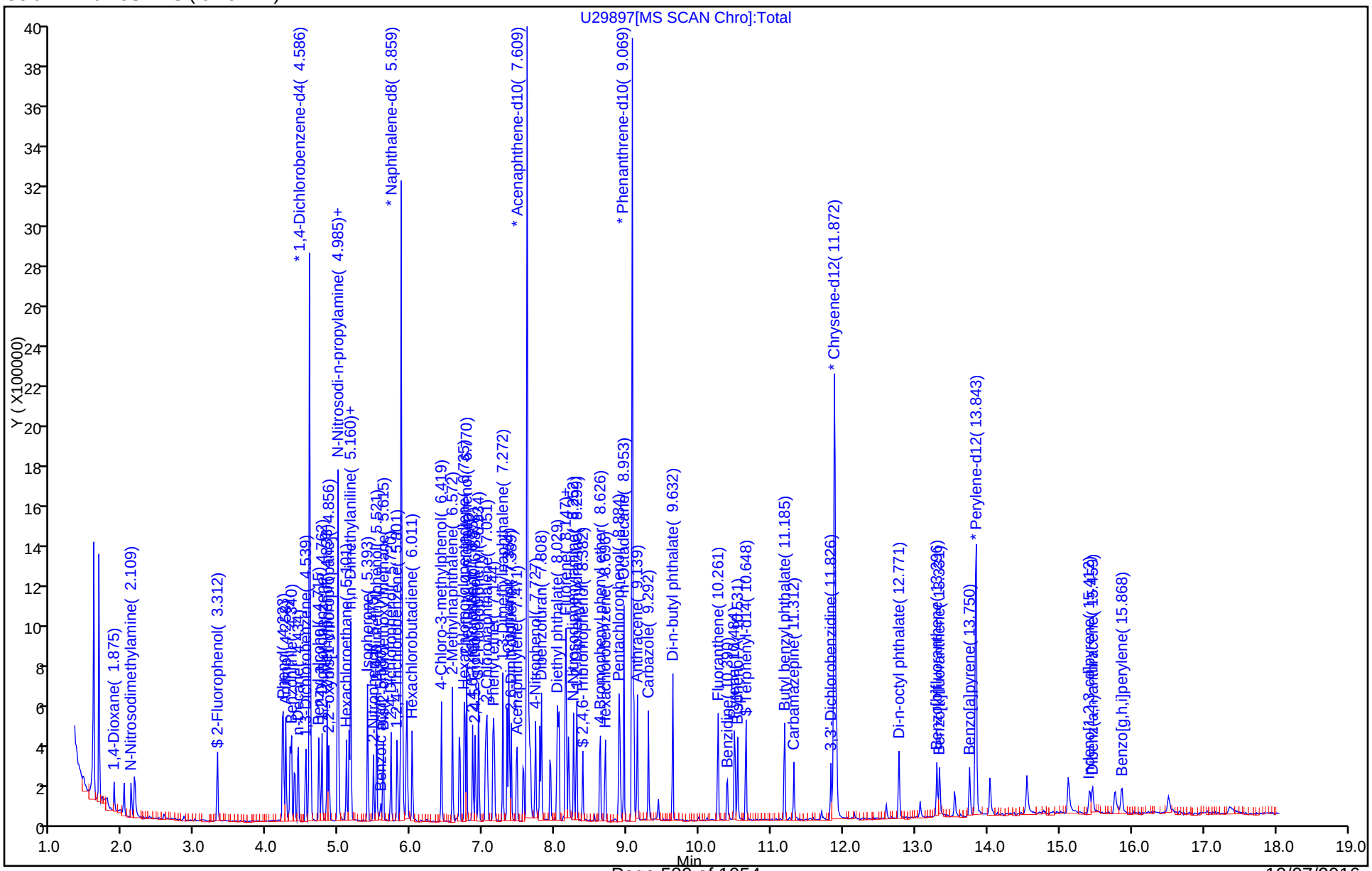
Report Date: 05-Oct-2016 14:14:06 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29897.D

Injection Date:	03-Oct-2016 18:42:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	7
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29898.D
Lims ID: STD02
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 03-Oct-2016 19:04:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-008
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub1

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:09 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 19:34:19

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.311	3.317	-0.006	92	26070	0.2000	0.2175	
$ 6 Phenol-d5	99	4.212	4.237	-0.025	87	33382	0.2000	0.1989	
9 Bis(2-chloroethyl)ether	93	4.316	4.331	-0.015	97	32337	0.2000	0.2280	
* 14 1,4-Dichlorobenzene-d4	152	4.585	4.601	-0.016	86	334407	8.00	8.00	
25 N-Nitrosodi-n-propylamine	70	4.983	5.012	-0.029	71	20374	0.2000	0.2537	
27 Hexachloroethane	117	5.099	5.106	-0.007	77	13715	0.2000	0.2429	
$ 28 Nitrobenzene-d5	82	5.134	5.153	-0.019	88	31895	0.2000	0.1927	
30 n,n'-Dimethylaniline	120	5.157	5.177	-0.020	67	28331	0.2000	0.2293	
29 Nitrobenzene	77	5.157	5.177	-0.020	90	37797	0.2000	0.2223	
31 Isophorone	82	5.398	5.411	-0.013	96	60518	0.2000	0.2077	
37 1,2,4-Trichlorobenzene	180	5.806	5.820	-0.014	90	13270	0.2000	0.2237	
* 38 Naphthalene-d8	136	5.865	5.878	-0.013	96	1221450	8.00	8.00	
41 Hexachlorobutadiene	225	6.017	6.020	-0.003	87	10664	0.2000	0.2245	
46 1-Methylnaphthalene	142	6.669	6.687	-0.018	86	25415	0.2000	0.2323	
50 2,4,6-Trichlorophenol	196	6.855	6.871	-0.016	70	8660	0.2000	0.1868	
$ 52 2-Fluorobiphenyl	172	6.937	6.953	-0.016	1	30821	0.2000	0.2027	M
61 2,6-Dinitrotoluene	165	7.389	7.407	-0.018	1	6353	0.2000	0.1816	
* 64 Acenaphthene-d10	164	7.608	7.617	-0.009	92	784173	8.00	8.00	
70 2,4-Dinitrotoluene	165	7.783	7.801	-0.018	62	8898	0.2000	0.1887	
77 4,6-Dinitro-2-methylphenol	198	8.193	8.220	-0.027	48	4649	0.4000	0.1827	
$ 80 2,4,6-Tribromophenol	330	8.379	8.406	-0.027	87	6554	0.2000	0.2170	
82 Hexachlorobenzene	284	8.694	8.707	-0.013	88	10003	0.2000	0.2118	
* 87 Phenanthrene-d10	188	9.067	9.076	-0.009	97	1238725	8.00	8.00	
$ 96 Terphenyl-d14	244	10.644	10.666	-0.022	97	37318	0.2000	0.2364	
100 3,3'-Dichlorobenzidine	252	11.821	11.849	-0.028	92	10871	0.2000	0.1715	
101 Benzo[a]anthracene	228	11.856	11.883	-0.027	96	29790	0.2000	0.2044	
* 102 Chrysene-d12	240	11.879	11.894	-0.015	98	1025730	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.890	11.905	-0.015	88	22760	0.2000	0.1930	
104 Chrysene	228	11.902	11.928	-0.026	96	26926	0.2000	0.2074	
106 Benzo[b]fluoranthene	252	13.292	13.320	-0.028	94	25688	0.2000	0.1942	
107 Benzo[k]fluoranthene	252	13.339	13.365	-0.026	21	26377	0.2000	0.2112	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
108 Benzo[a]pyrene	252	13.748	13.774	-0.026	92	19018	0.2000	0.1617	
* 109 Perylene-d12	264	13.841	13.854	-0.013	99	833242	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.411	15.447	-0.036	96	18190	0.2000	0.1761	
111 Dibenz(a,h)anthracene	278	15.458	15.492	-0.034	91	16732	0.2000	0.1883	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL2_00025 Amount Added: 1.00 Units: mL

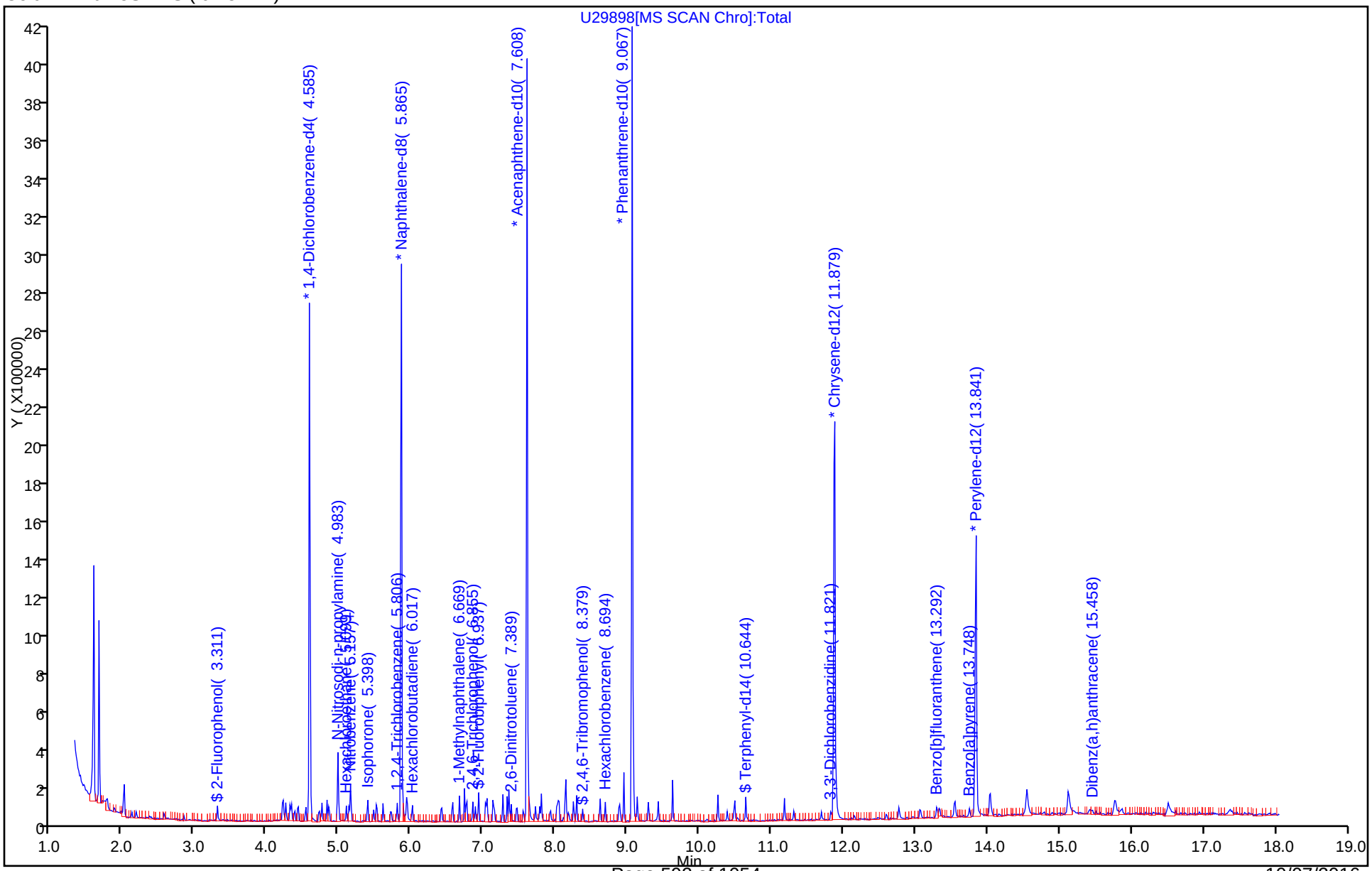
Report Date: 05-Oct-2016 14:14:11 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29898.D

Injection Date:	03-Oct-2016 19:04:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	STD02			Worklist Smp#:	8
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29899.D
Lims ID: STD01
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 03-Oct-2016 19:27:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-009
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub1

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:14 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 19:51:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
9 Bis(2-chloroethyl)ether	93	4.315	4.331	-0.016	92	15729	0.1000	0.1093	
* 14 1,4-Dichlorobenzene-d4	152	4.594	4.601	-0.007	89	339369	8.00	8.00	
25 N-Nitrosodi-n-propylamine	70	4.987	5.012	-0.025	64	8614	0.1000	0.1057	
27 Hexachloroethane	117	5.093	5.106	-0.013	88	6566	0.1000	0.1146	
$ 28 Nitrobenzene-d5	82	5.139	5.153	-0.014	82	18304	0.1000	0.1098	
30 n,n'-Dimethylaniline	120	5.162	5.177	-0.015	89	17385	0.1000	0.1387	
29 Nitrobenzene	77	5.162	5.177	-0.015	83	20545	0.1000	0.1200	
37 1,2,4-Trichlorobenzene	180	5.804	5.820	-0.016	86	7132	0.1000	0.1194	
* 38 Naphthalene-d8	136	5.862	5.878	-0.016	96	1229686	8.00	8.00	
41 Hexachlorobutadiene	225	6.013	6.020	-0.007	85	5289	0.1000	0.1106	
$ 52 2-Fluorobiphenyl	172	6.934	6.953	-0.019	1	16489	0.1000	0.1043	M
* 64 Acenaphthene-d10	164	7.611	7.617	-0.006	92	815285	8.00	8.00	
82 Hexachlorobenzene	284	8.694	8.707	-0.013	89	5000	0.1000	0.1022	
* 87 Phenanthrene-d10	188	9.064	9.076	-0.012	97	1282829	8.00	8.00	
$ 96 Terphenyl-d14	244	10.645	10.666	-0.021	95	17691	0.1000	0.1095	
101 Benzo[a]anthracene	228	11.854	11.883	-0.029	51	18204	0.1000	0.1220	
* 102 Chrysene-d12	240	11.877	11.894	-0.017	99	1049888	8.00	8.00	
106 Benzo[b]fluoranthene	252	13.301	13.320	-0.019	67	13840	0.1000	0.1033	
107 Benzo[k]fluoranthene	252	13.324	13.365	-0.041	93	14483	0.1000	0.1145	
108 Benzo[a]pyrene	252	13.745	13.774	-0.029	97	13012	0.1000	0.1093	
* 109 Perylene-d12	264	13.839	13.854	-0.015	98	843796	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.416	15.447	-0.031	19	9894	0.1000	0.0946	
111 Dibenz(a,h)anthracene	278	15.451	15.492	-0.041	61	7754	0.1000	0.0862	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL1_00023 Amount Added: 1.00 Units: mL

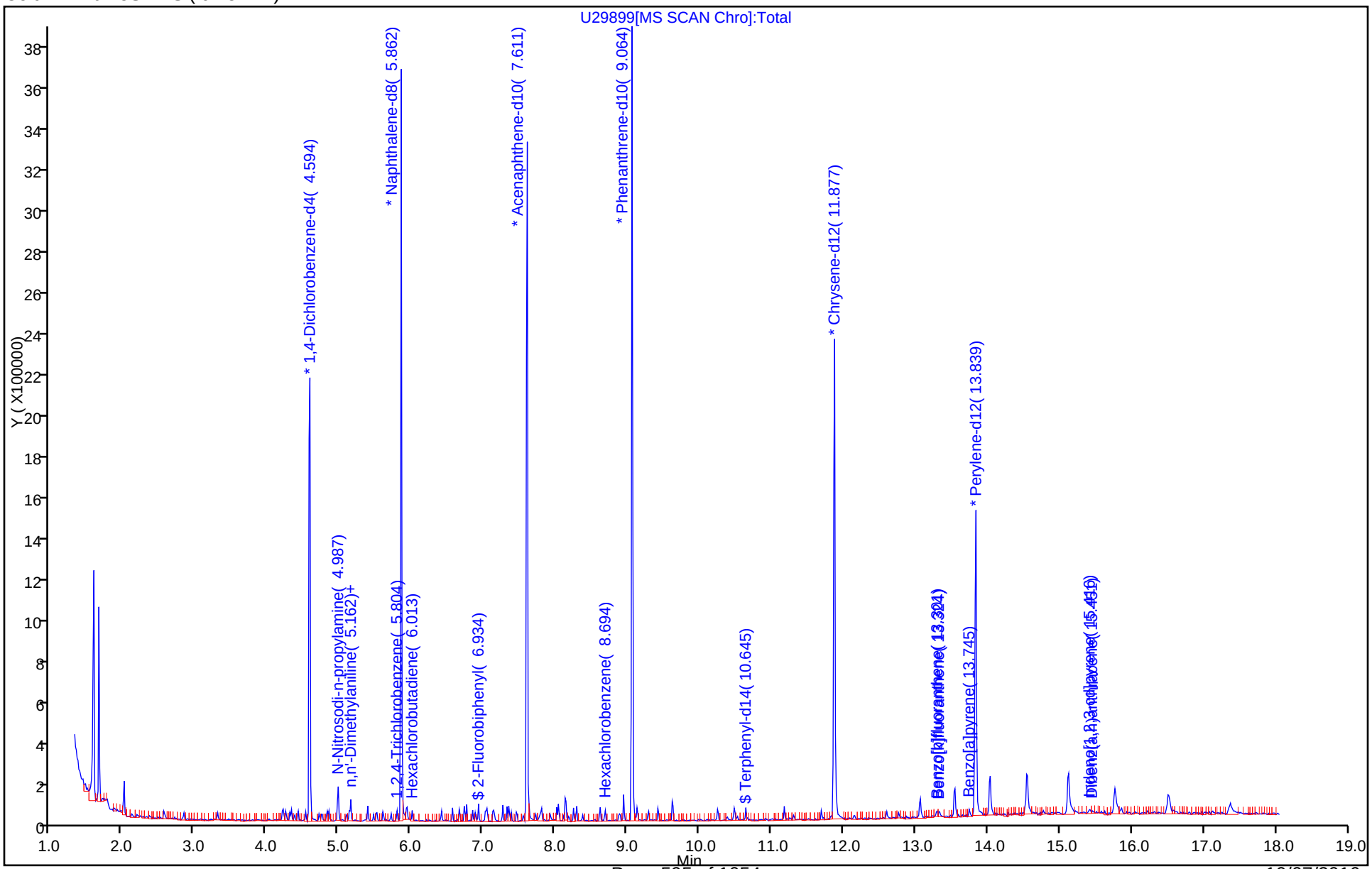
Report Date: 05-Oct-2016 14:14:16 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29899.D

Injection Date:	03-Oct-2016 19:27:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	STD01			Worklist Smp#:	9
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



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

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 394601

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2016 20:01 Calibration End Date: 10/03/2016 22:15 Calibration ID: 58235

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 460-394601/16	U29906.D
Level 2	STD1 460-394601/15	U29905.D
Level 3	STD2 460-394601/14	U29904.D
Level 4	STD4 460-394601/13	U29903.D
Level 5	STD10 460-394601/10	U29900.D
Level 6	STD16 460-394601/12	U29902.D
Level 7	STD24 460-394601/11	U29901.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								
Benzaldehyde	1.8051	2.1326 1.6814	2.6037	2.2333	2.1106	Ave		2.0945				15.6		35.0			
Caprolactam	0.2367	0.2331 0.2339	0.3125	0.2711	0.2676	Ave		0.2592				12.1		35.0			
Atrazine	0.2906 0.2101	0.3080 0.2105	0.2901	0.2878	0.2441	Ave		0.2630				15.6		35.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 394601

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2016 20:01 Calibration End Date: 10/03/2016 22:15 Calibration ID: 58235

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 460-394601/16	U29906.D
Level 2	STD1 460-394601/15	U29905.D
Level 3	STD2 460-394601/14	U29904.D
Level 4	STD4 460-394601/13	U29903.D
Level 5	STD10 460-394601/10	U29900.D
Level 6	STD16 460-394601/12	U29902.D
Level 7	STD24 460-394601/11	U29901.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Benzaldehyde	DCBd 4	Ave	1398861	100613 2040865	239665	423472	954497	16.0	1.00 24.0	2.00	4.00	10.0
Caprolactam	NPT	Ave	661603	39291 990244	102424	181830	442244	16.0	1.00 24.0	2.00	4.00	10.0
Atrazine	PHN	Ave	10257 584780	49449 832081	94978	182743	423024	0.200 16.0	1.00 24.0	2.00	4.00	10.0

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29900.D
Lims ID: std10
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 03-Oct-2016 20:01:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-010
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub5

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:19 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 23:16:38

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.148	4.148	0.000	94	954497	10.0	10.1	
* 14 1,4-Dichlorobenzene-d4	152	4.592	4.592	0.000	89	361785	8.00	8.00	
* 38 Naphthalene-d8	136	5.861	5.861	0.000	95	1322021	8.00	8.00	
42 Caprolactam	113	6.278	6.278	0.000	90	442244	10.0	10.3	
* 64 Acenaphthene-d10	164	7.609	7.609	0.000	92	829629	8.00	8.00	
83 Atrazine	200	8.788	8.788	0.000	83	423024	10.0	9.28	
* 87 Phenanthrene-d10	188	9.080	9.080	0.000	98	1386655	8.00	8.00	
* 102 Chrysene-d12	240	11.885	11.885	0.000	98	1142046	8.00	8.00	
* 109 Perylene-d12	264	13.843	13.843	0.000	99	949504	8.00	8.00	

Reagents:

SM_BNAL5B_00028 Amount Added: 1.00 Units: mL

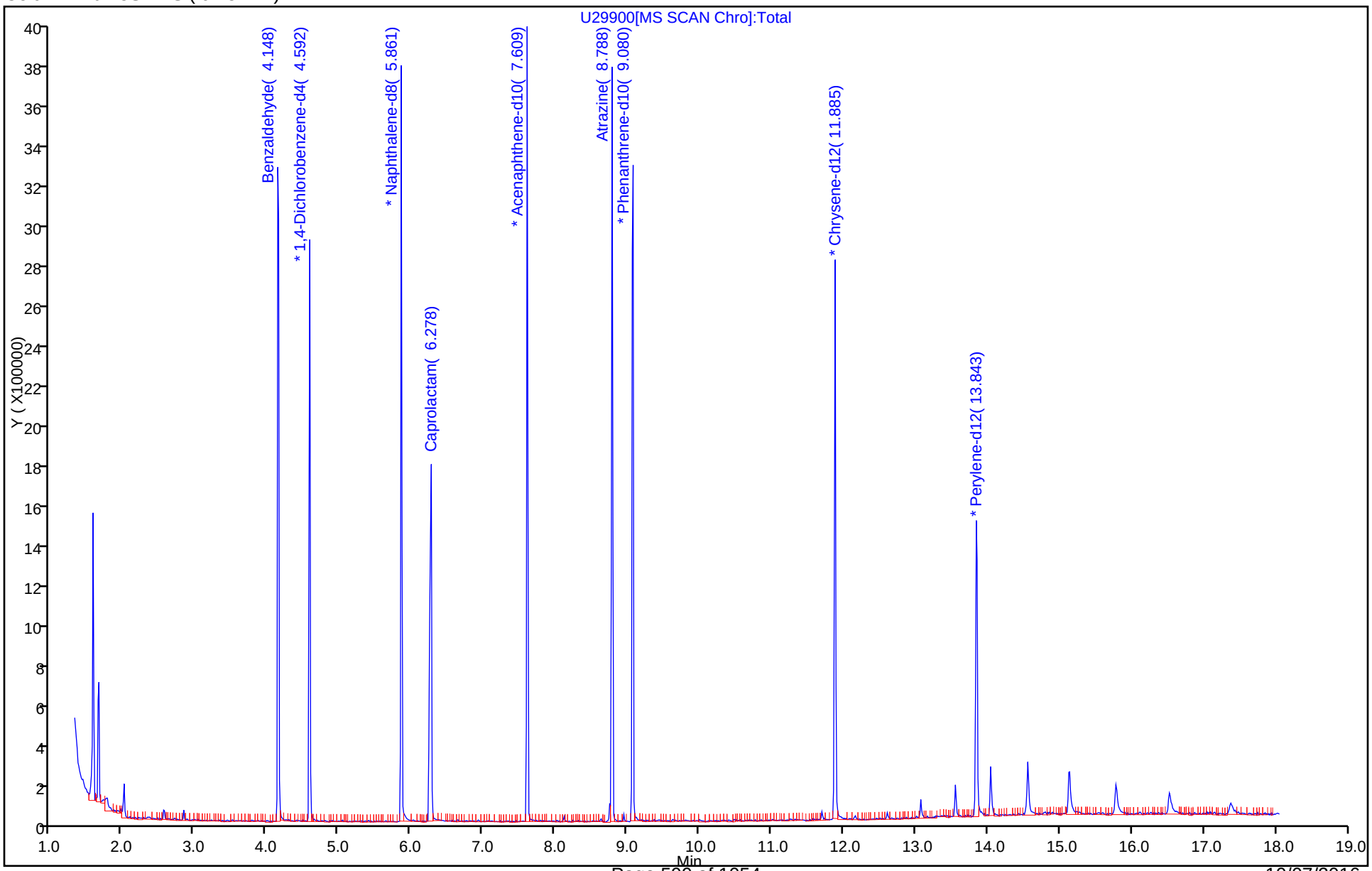
Report Date: 05-Oct-2016 14:14:21 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29900.D

Injection Date:	03-Oct-2016 20:01:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	std10			Worklist Smp#:	10
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29901.D
Lims ID: std24
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 03-Oct-2016 20:24:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-011
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub5

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:23 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 23:24:43

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.165	4.148	0.017	94	2040865	24.0	19.3	
* 14 1,4-Dichlorobenzene-d4	152	4.586	4.592	-0.006	86	404608	8.00	8.00	
* 38 Naphthalene-d8	136	5.858	5.861	-0.003	95	1411302	8.00	8.00	
42 Caprolactam	113	6.302	6.278	0.024	88	990244	24.0	21.7	
* 64 Acenaphthene-d10	164	7.608	7.609	-0.001	92	830633	8.00	8.00	
83 Atrazine	200	8.797	8.788	0.009	87	832081	24.0	19.2	
* 87 Phenanthrene-d10	188	9.066	9.080	-0.014	97	1317830	8.00	8.00	
* 102 Chrysene-d12	240	11.879	11.885	-0.006	99	1075679	8.00	8.00	
* 109 Perylene-d12	264	13.837	13.843	-0.006	99	910811	8.00	8.00	

Reagents:

SM_BNAL7B_00007 Amount Added: 1.00 Units: mL

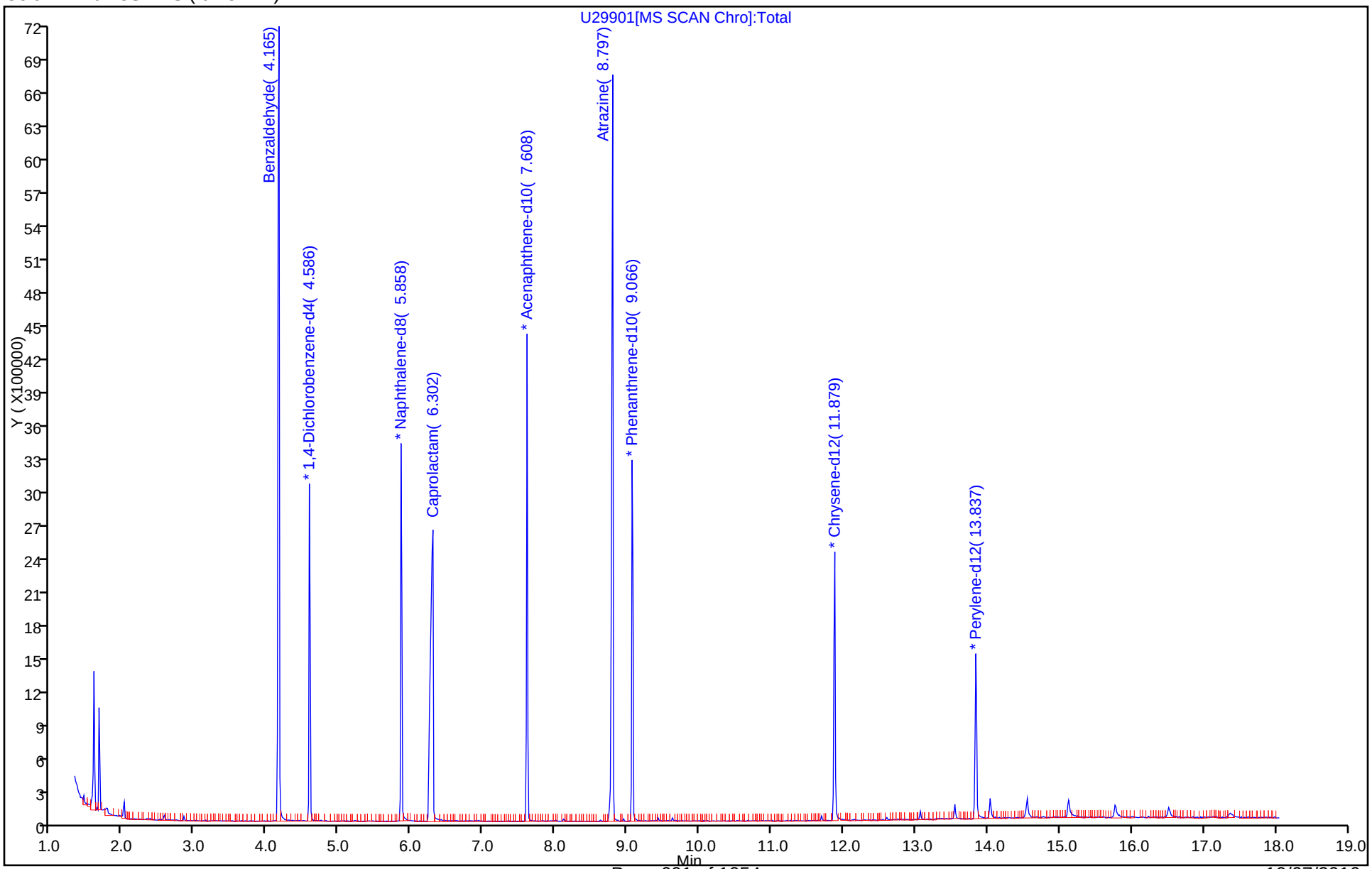
Report Date: 05-Oct-2016 14:14:26 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29901.D

Injection Date:	03-Oct-2016 20:24:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	std24			Worklist Smp#:	11
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29902.D
Lims ID: std16
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 03-Oct-2016 20:46:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-012
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub5

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:28 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 23:24:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.159	4.148	0.011	95	1398861	16.0	13.8	
* 14 1,4-Dichlorobenzene-d4	152	4.590	4.592	-0.002	89	387466	8.00	8.00	
* 38 Naphthalene-d8	136	5.860	5.861	-0.001	95	1397401	8.00	8.00	
42 Caprolactam	113	6.281	6.278	0.003	87	661603	16.0	14.6	
* 64 Acenaphthene-d10	164	7.610	7.609	0.001	93	871394	8.00	8.00	
83 Atrazine	200	8.787	8.788	-0.001	84	584780	16.0	12.8	
* 87 Phenanthrene-d10	188	9.067	9.080	-0.013	97	1391660	8.00	8.00	
* 102 Chrysene-d12	240	11.879	11.885	-0.006	99	1124662	8.00	8.00	
* 109 Perylene-d12	264	13.836	13.843	-0.007	99	909741	8.00	8.00	

Reagents:

SM_BNAL6B_00014 Amount Added: 1.00 Units: mL

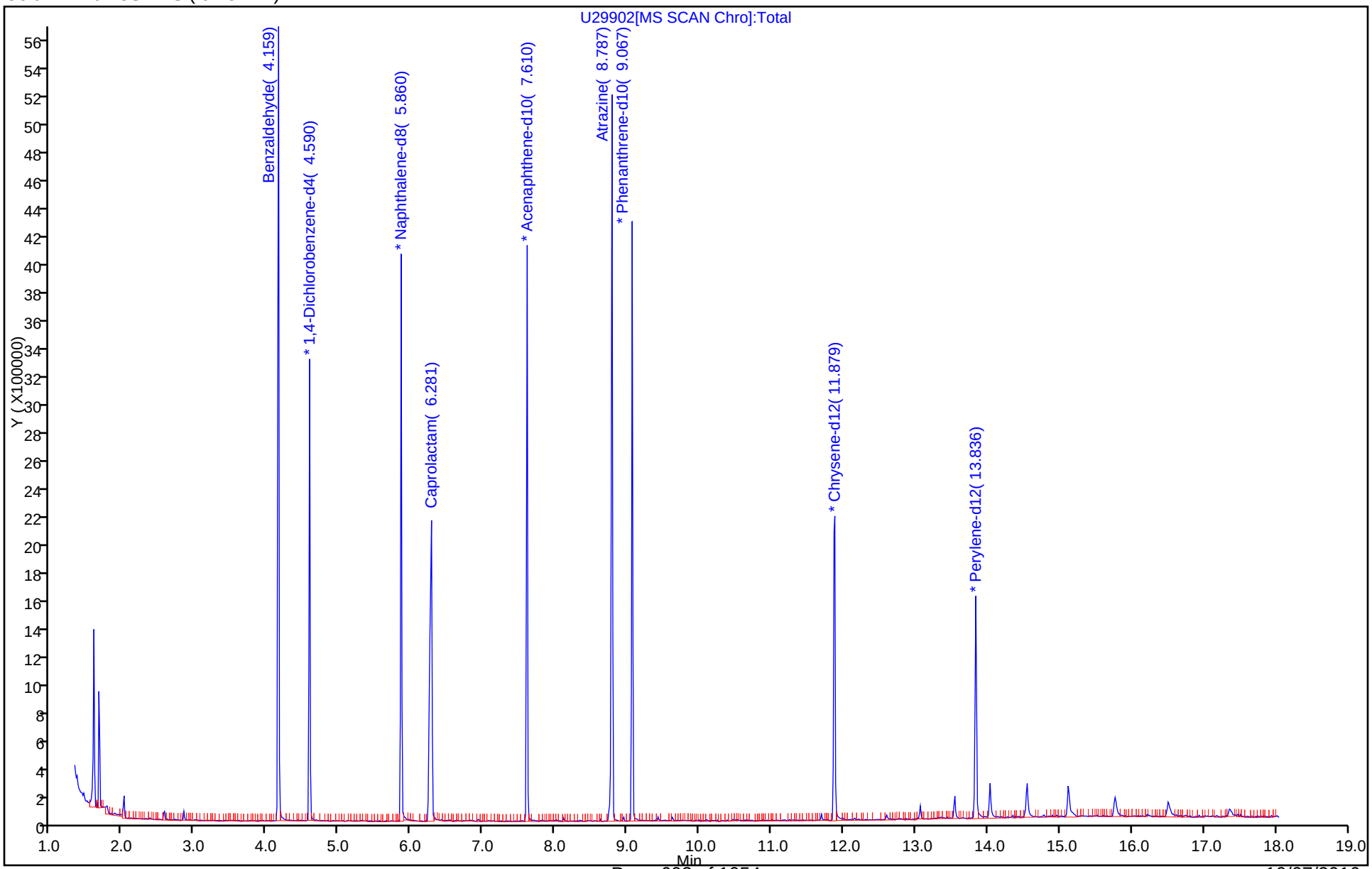
Report Date: 05-Oct-2016 14:14:30 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29902.D

Injection Date:	03-Oct-2016 20:46:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	std16			Worklist Smp#:	12
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29903.D
Lims ID: std4
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 03-Oct-2016 21:08:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-013
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub5

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:32 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 23:25:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.146	4.148	-0.002	94	423472	4.00	4.27	
* 14 1,4-Dichlorobenzene-d4	152	4.591	4.592	-0.001	89	379229	8.00	8.00	
* 38 Naphthalene-d8	136	5.866	5.861	0.005	97	1341354	8.00	8.00	
42 Caprolactam	113	6.250	6.278	-0.028	91	181830	4.00	4.18	
* 64 Acenaphthene-d10	164	7.612	7.609	0.003	93	817161	8.00	8.00	
83 Atrazine	200	8.777	8.788	-0.011	85	182743	4.00	4.38	
* 87 Phenanthrene-d10	188	9.067	9.080	-0.013	97	1270113	8.00	8.00	
* 102 Chrysene-d12	240	11.870	11.885	-0.015	99	1066212	8.00	8.00	
* 109 Perylene-d12	264	13.838	13.843	-0.005	99	920454	8.00	8.00	

Reagents:

SM_BNAL4B_00023 Amount Added: 1.00 Units: mL

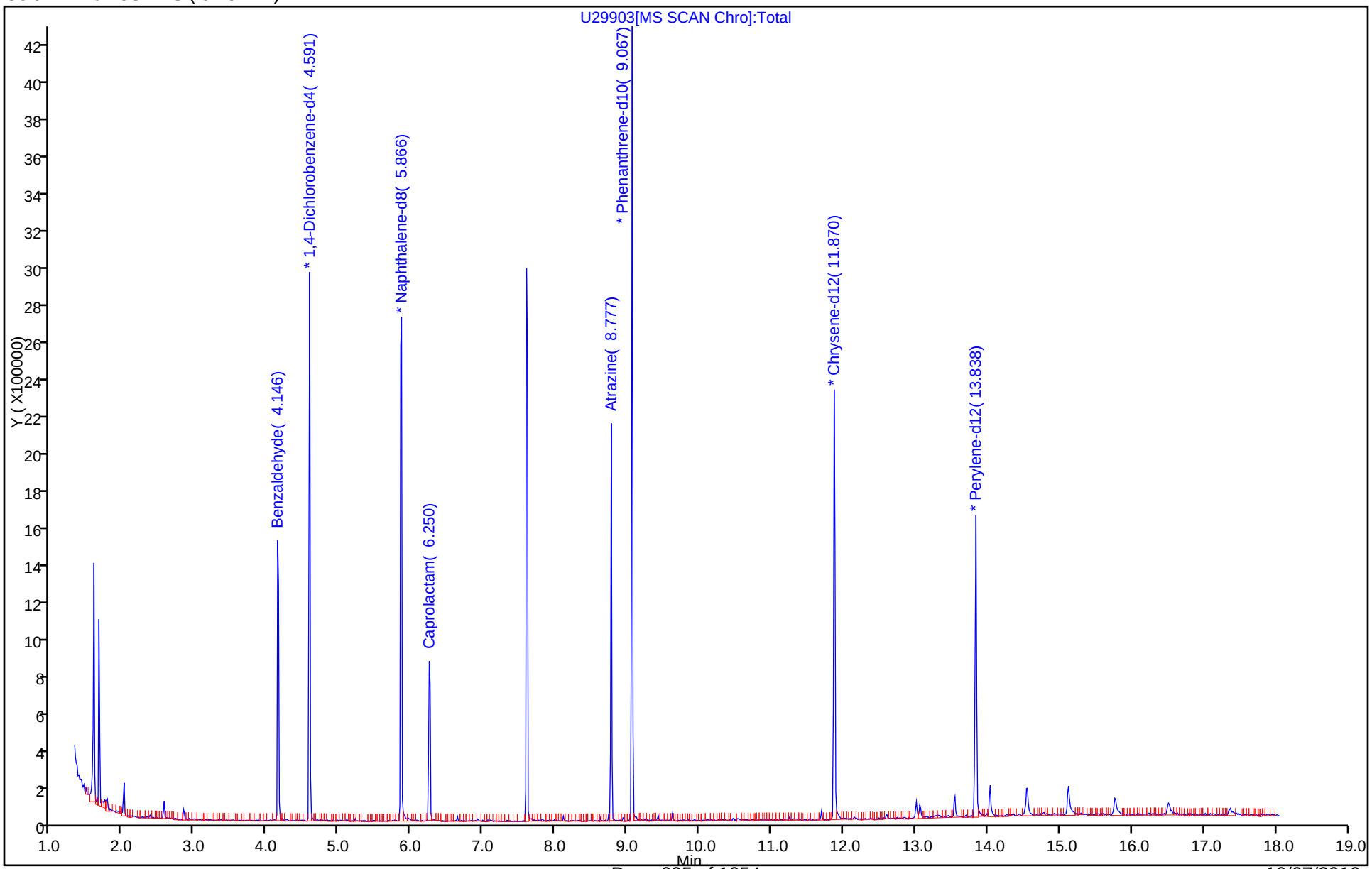
Report Date: 05-Oct-2016 14:14:35 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29903.D

Injection Date:	03-Oct-2016 21:08:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	std4			Worklist Smp#:	13
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29904.D
Lims ID: std2
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 03-Oct-2016 21:30:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-014
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub5

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:36 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 23:25:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.156	4.148	0.008	95	239665	2.00	2.49	
* 14 1,4-Dichlorobenzene-d4	152	4.587	4.592	-0.005	88	368189	8.00	8.00	
* 38 Naphthalene-d8	136	5.858	5.861	-0.003	95	1310995	8.00	8.00	
42 Caprolactam	113	6.253	6.278	-0.025	89	102424	2.00	2.41	
* 64 Acenaphthene-d10	164	7.604	7.609	-0.005	92	794058	8.00	8.00	
83 Atrazine	200	8.781	8.788	-0.007	92	94978	2.00	2.21	
* 87 Phenanthrene-d10	188	9.072	9.080	-0.008	98	1309454	8.00	8.00	
* 102 Chrysene-d12	240	11.871	11.885	-0.014	98	1086536	8.00	8.00	
* 109 Perylene-d12	264	13.837	13.843	-0.006	99	888297	8.00	8.00	

Reagents:

SM_BNAL3B_00014 Amount Added: 1.00 Units: mL

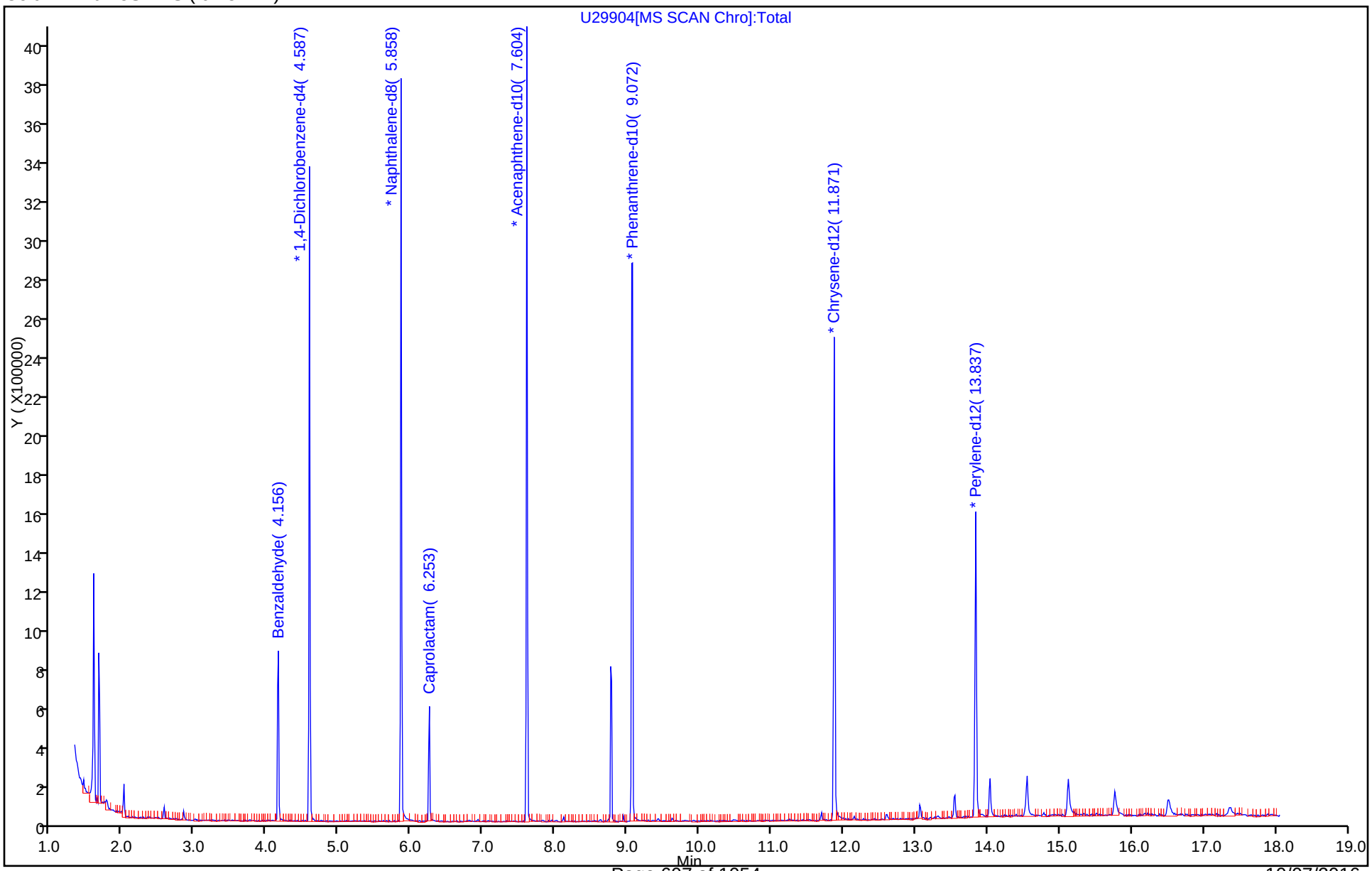
Report Date: 05-Oct-2016 14:14:39 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29904.D

Injection Date:	03-Oct-2016 21:30:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	std2			Worklist Smp#:	14
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29905.D
Lims ID: std1
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 03-Oct-2016 21:53:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-015
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub5

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:41 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 23:25:38

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.156	4.148	0.008	94	100613	1.00	1.02	
* 14 1,4-Dichlorobenzene-d4	152	4.587	4.592	-0.005	88	377431	8.00	8.00	
* 38 Naphthalene-d8	136	5.857	5.861	-0.004	95	1348393	8.00	8.00	
42 Caprolactam	113	6.241	6.278	-0.037	90	39291	1.00	0.8995	
* 64 Acenaphthene-d10	164	7.604	7.609	-0.005	92	818797	8.00	8.00	
83 Atrazine	200	8.773	8.788	-0.015	85	49449	1.00	1.17	
* 87 Phenanthrene-d10	188	9.065	9.080	-0.015	97	1284283	8.00	8.00	
* 102 Chrysene-d12	240	11.876	11.885	-0.009	99	1079426	8.00	8.00	
* 109 Perylene-d12	264	13.836	13.843	-0.007	99	894649	8.00	8.00	

Reagents:

SM_BNAL2B_00017 Amount Added: 1.00 Units: mL

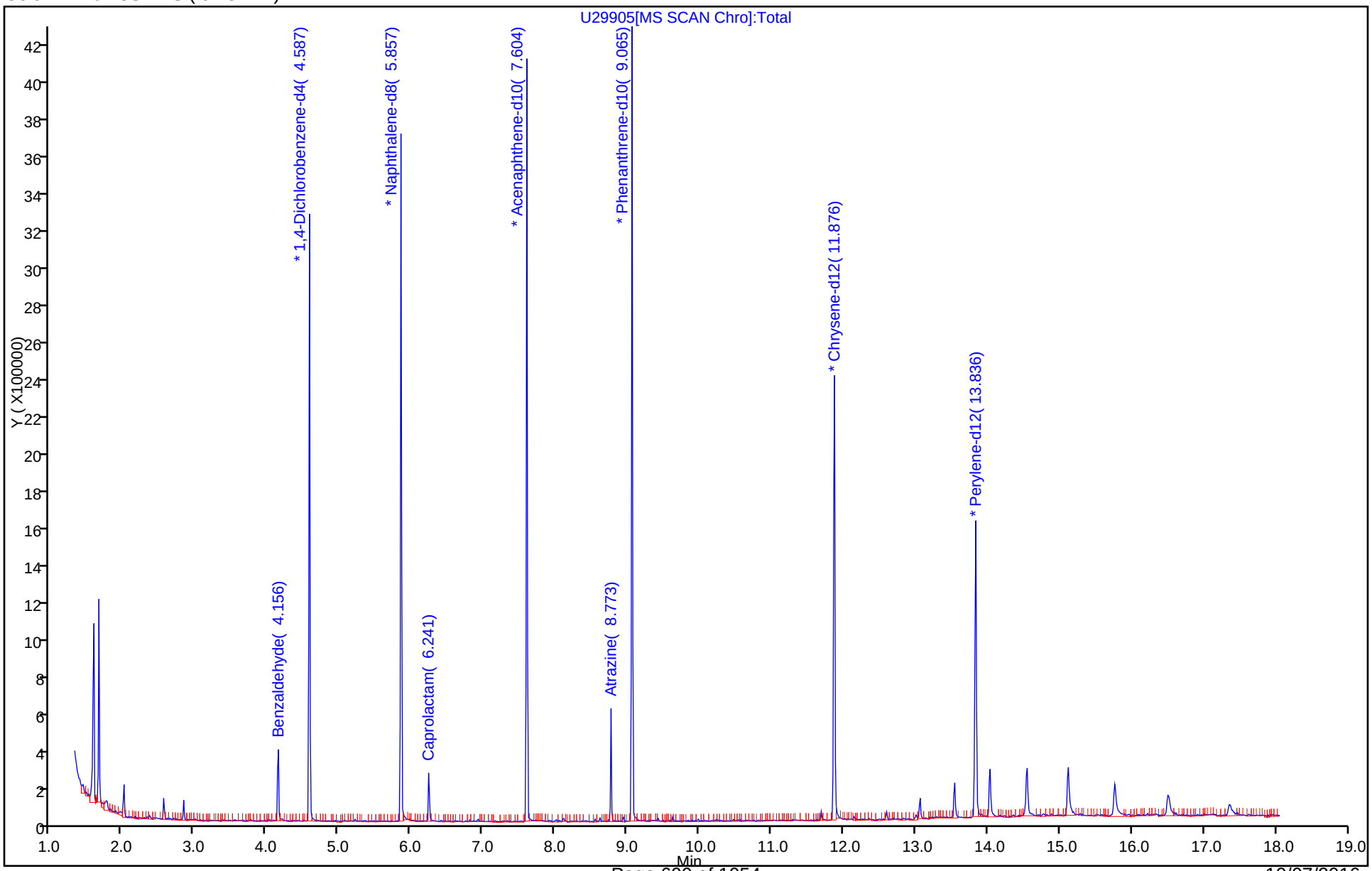
Report Date: 05-Oct-2016 14:14:44 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29905.D

Injection Date:	03-Oct-2016 21:53:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	std1			Worklist Smp#:	15
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D
Lims ID: std02
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 03-Oct-2016 22:15:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-016
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub5

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 23:25:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.587	4.592	-0.005	90	345209	8.00	8.00	
* 38 Naphthalene-d8	136	5.854	5.861	-0.007	95	1237648	8.00	8.00	
* 64 Acenaphthene-d10	164	7.602	7.609	-0.007	91	780168	8.00	8.00	
83 Atrazine	200	8.778	8.788	-0.010	68	10257	0.2000	0.2210	
* 87 Phenanthrene-d10	188	9.070	9.080	-0.010	98	1411952	8.00	8.00	
* 102 Chrysene-d12	240	11.868	11.885	-0.017	99	1143558	8.00	8.00	
* 109 Perylene-d12	264	13.841	13.843	-0.002	99	967426	8.00	8.00	

Reagents:

SM_BNAL1B_00015 Amount Added: 1.00 Units: mL

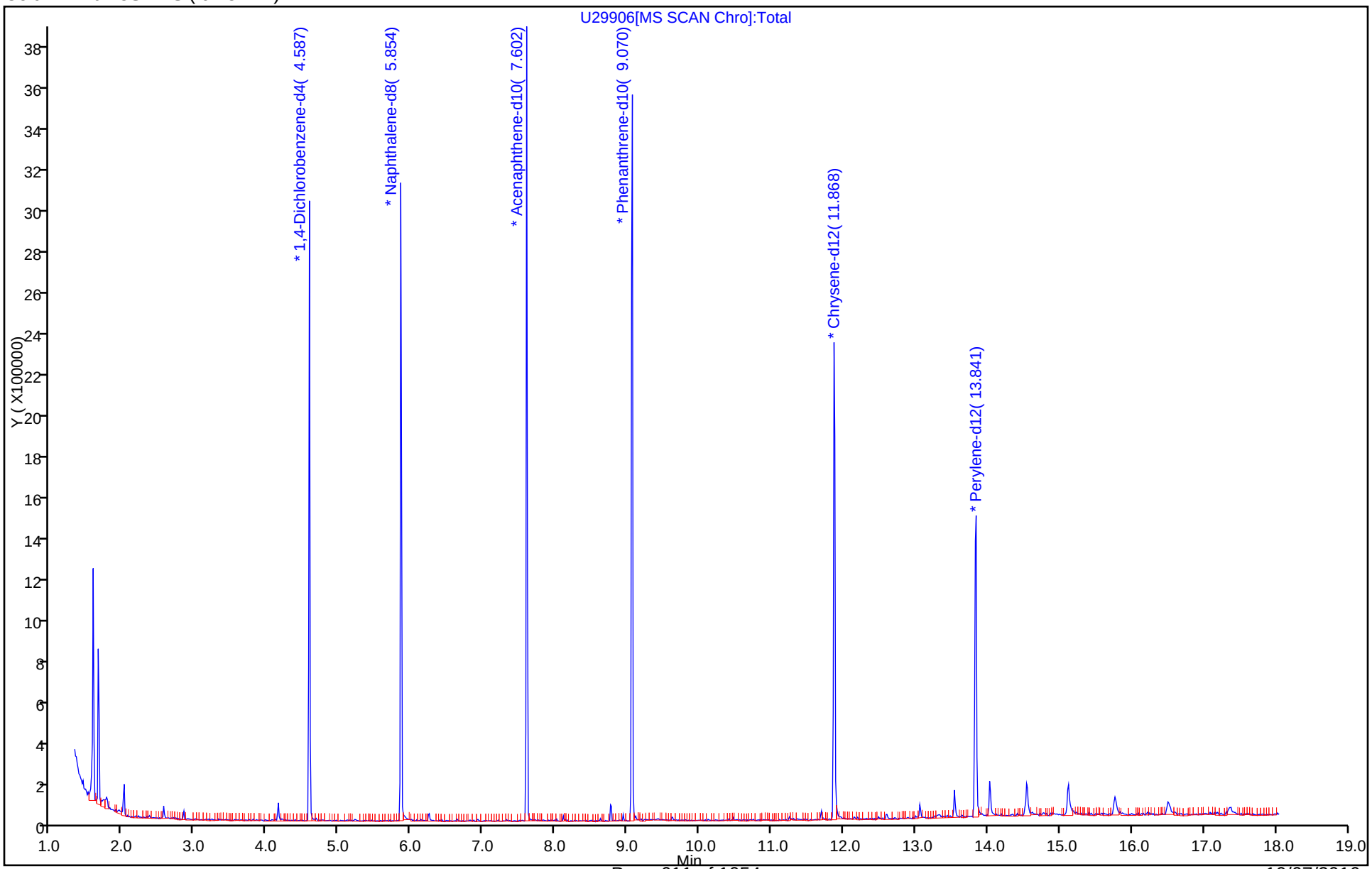
Report Date: 05-Oct-2016 14:14:47 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Injection Date:	03-Oct-2016 22:15:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	std02			Worklist Smp#:	16
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: ICV 460-394601/17 Calibration Date: 10/03/2016 22:37

Instrument ID: CBNAMS4 Calib Start Date: 10/03/2016 16:32

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/03/2016 19:27

Lab File ID: U29907.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	1.314	1.068		4060	5000	-18.7	20.0
N-Nitrosodimethylamine	Ave	1.840	1.331		3620	5000	-27.7*	20.0
Pyridine	Ave	2.835	2.738		4830	5000	-3.4	20.0
Phenol	Ave	3.818	4.020		5260	5000	5.3	20.0
Aniline	Ave	4.586	4.118		4490	5000	-10.2	20.0
Bis(2-chloroethyl)ether	Ave	3.393	2.848		4200	5000	-16.1	20.0
Benzonitrile	Ave	4.902	4.386		4470	5000	-10.5	20.0
2-Chlorophenol	Ave	1.506	1.398		4640	5000	-7.1	20.0
Decane	Ave	2.139	1.957		4580	5000	-8.5	20.0
1,3-Dichlorobenzene	Ave	1.527	1.502		4920	5000	-1.6	20.0
1,4-Dichlorobenzene	Ave	1.481	1.409		4760	5000	-4.9	20.0
Benzyl alcohol	Ave	1.854	1.687		4550	5000	-9.0	20.0
1,2-Dichlorobenzene	Ave	1.475	1.379		4670	5000	-6.6	20.0
2-Methylphenol	Ave	2.495	2.273		4560	5000	-8.9	20.0
bis (2-chloroisopropyl) ether	Ave	3.267	2.775		4250	5000	-15.1	20.0
4-Methylphenol	Ave	2.670	2.461		4610	5000	-7.8	20.0
Acetophenone	Ave	3.572	3.129		4380	5000	-12.4	20.0
N-Nitrosodi-n-propylamine	Ave	1.921	1.482	0.0500	3860	5000	-22.9*	20.0
Hexachloroethane	Ave	1.351	1.227		4540	5000	-9.1	20.0
n,n'-Dimethylaniline	Ave	2.956	2.435		4120	5000	-17.6	20.0
Nitrobenzene	Ave	1.113	0.9439		4240	5000	-15.2	20.0
Isophorone	Ave	1.908	1.679		4400	5000	-12.0	20.0
2-Nitrophenol	Ave	0.2586	0.2378		4600	5000	-8.1	20.0
2,4-Dimethylphenol	Ave	0.4875	0.4517		4630	5000	-7.4	20.0
Bis(2-chloroethoxy)methane	Ave	1.048	0.9907		4730	5000	-5.5	20.0
Benzoic acid	Ave	0.2669	0.2498		4680	5000	-6.4	20.0
2,4-Dichlorophenol	Ave	0.3415	0.3313		4850	5000	-3.0	20.0
1,2,4-Trichlorobenzene	Ave	0.3885	0.3674		4730	5000	-5.4	20.0
Naphthalene	Ave	1.019	1.033		5070	5000	1.4	20.0
4-Chloroaniline	Ave	0.5490	0.5335		4860	5000	-2.8	20.0
Hexachlorobutadiene	Ave	0.3111	0.2967		4770	5000	-4.6	20.0
4-Chloro-3-methylphenol	Ave	0.7855	0.7563		4810	5000	-3.7	20.0
2-Methylnaphthalene	Ave	0.7657	0.7505		4900	5000	-2.0	20.0
1-Methylnaphthalene	Ave	0.7166	0.7014		4890	5000	-2.1	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7374	0.6936		4700	5000	-5.9	20.0
Hexachlorocyclopentadiene	Ave	0.5450	0.4847	0.0500	4450	5000	-11.1	20.0
2,4,6-Trichlorophenol	Ave	0.4730	0.4404		4660	5000	-6.9	20.0
2,4,5-Trichlorophenol	Ave	0.4643	0.4429		4770	5000	-4.6	20.0
Diphenyl	Ave	1.569	1.492		4750	5000	-4.9	20.0
2-Chloronaphthalene	Ave	1.127	1.093		4850	5000	-3.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: ICV 460-394601/17 Calibration Date: 10/03/2016 22:37

Instrument ID: CBNAMS4 Calib Start Date: 10/03/2016 16:32

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/03/2016 19:27

Lab File ID: U29907.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl ether	Ave	0.8392	0.7929		4720	5000	-5.5	20.0
2-Nitroaniline	Ave	0.7844	0.6932		4420	5000	-11.6	20.0
Dimethylnaphthalene, total	Ave	1.046	0.9034		4320	5000	-13.7	20.0
Dimethyl phthalate	Ave	1.540	1.482		4810	5000	-3.8	20.0
Coumarin	Ave	0.2621	0.2536		4840	5000	-3.2	20.0
2,6-Dinitrotoluene	Ave	0.3569	0.3491		4890	5000	-2.2	20.0
Acenaphthylene	Ave	1.649	1.645		4990	5000	-0.2	20.0
3-Nitroaniline	Ave	0.4062	0.3604		4440	5000	-11.3	20.0
Acenaphthene	Ave	1.390	1.374		4940	5000	-1.1	20.0
2,4-Dinitrophenol	Ave	0.2095	0.1951	0.0500	9310	10000	-6.9	20.0
4-Nitrophenol	Ave	0.4223	0.3871	0.0500	9170	10000	-8.3	20.0
2,4-Dinitrotoluene	Ave	0.4810	0.4908		5100	5000	2.0	20.0
Dibenzofuran	Ave	1.654	1.577		4770	5000	-4.7	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.4428	0.4517		5100	5000	2.0	20.0
Diethyl phthalate	Ave	1.778	1.756		4940	5000	-1.2	20.0
4-Chlorophenyl phenyl ether	Ave	0.7504	0.6594		4390	5000	-12.1	20.0
Fluorene	Ave	1.256	1.125		4480	5000	-10.4	20.0
4-Nitroaniline	Ave	0.3603	0.3519		4880	5000	-2.3	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1644	0.1590		9670	10000	-3.3	20.0
N-Nitrosodiphenylamine	Ave	0.6276	0.5381		4290	5000	-14.3	20.0
1,2-Diphenylhydrazine	Ave	1.704	1.481		4340	5000	-13.1	20.0
4-Bromophenyl phenyl ether	Ave	0.3201	0.2824		4410	5000	-11.8	20.0
Hexachlorobenzene	Ave	0.3050	0.3009		4930	5000	-1.3	20.0
Pentachlorophenol	Ave	0.2000	0.1780		8900	10000	-11.0	20.0
n-Octadecane	Ave	0.8272	0.7490		4530	5000	-9.5	20.0
Phenanthrene	Ave	0.9930	0.8766		4410	5000	-11.7	20.0
Anthracene	Ave	1.059	0.9104		4300	5000	-14.0	20.0
Carbazole	Ave	0.9309	0.8270		4440	5000	-11.2	20.0
Di-n-butyl phthalate	Ave	1.610	1.390		4320	5000	-13.6	20.0
Fluoranthene	Ave	1.178	1.064		4510	5000	-9.7	20.0
Benzidine	Ave	0.5978	0.4740		3960	5000	-20.7*	20.0
Pyrene	Ave	1.392	1.263		4540	5000	-9.3	20.0
Butyl benzyl phthalate	Ave	0.8280	0.7522		4540	5000	-9.2	20.0
Carbamazepine	Ave	0.5255	0.5099		4850	5000	-3.0	20.0
3,3'-Dichlorobenzidine	Ave	0.4944	0.4399		4450	5000	-11.0	20.0
Benzo[a]anthracene	Ave	1.137	1.041		4580	5000	-8.4	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9199	0.8331		4530	5000	-9.4	20.0
Chrysene	Ave	1.013	0.9528		4700	5000	-5.9	20.0
Benzo[b]fluoranthene	Ave	1.270	1.055		4150	5000	-16.9	20.0
Benzo[k]fluoranthene	Ave	1.199	1.133		4730	5000	-5.5	20.0
Benzo[a]pyrene	Ave	1.129	1.004		4450	5000	-11.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: ICV 460-394601/17 Calibration Date: 10/03/2016 22:37

Instrument ID: CBNAMS4 Calib Start Date: 10/03/2016 16:32

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/03/2016 19:27

Lab File ID: U29907.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Indeno[1,2,3-cd]pyrene	Ave	0.9915	0.9687		4890	5000	-2.3	20.0
Dibenz(a,h)anthracene	Ave	0.8532	0.8296		4860	5000	-2.8	20.0
Benzo[g,h,i]perylene	Ave	0.9795	0.8770		4480	5000	-10.5	20.0
Di-n-octyl phthalate	Ave	1.874			0.690	5000		20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29907.D
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 03-Oct-2016 22:37:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-017
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 23:51:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.873	1.885	-0.012	87	225906	5.00	4.06	
2 N-Nitrosodimethylamine	74	2.107	2.118	-0.011	89	281558	5.00	3.62	
3 Pyridine	79	2.142	2.164	-0.022	94	579109	5.00	4.83	
7 Phenol	94	4.227	4.249	-0.023	98	850463	5.00	5.26	
8 Aniline	93	4.261	4.272	-0.011	96	871012	5.00	4.49	
9 Bis(2-chloroethyl)ether	93	4.319	4.331	-0.012	93	602528	5.00	4.20	
10 Benzonitrile	103	4.331	4.355	-0.024	97	927694	5.00	4.47	
11 2-Chlorophenol	128	4.378	4.401	-0.023	81	295768	5.00	4.64	
12 n-Decane	43	4.425	4.437	-0.012	88	414045	5.00	4.58	
13 1,3-Dichlorobenzene	146	4.530	4.542	-0.012	79	317760	5.00	4.92	
* 14 1,4-Dichlorobenzene-d4	152	4.588	4.592	-0.004	86	338458	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.600	4.613	-0.013	73	297954	5.00	4.76	
17 Benzyl alcohol	108	4.717	4.730	-0.013	91	356863	5.00	4.55	
18 1,2-Dichlorobenzene	146	4.764	4.765	-0.001	78	291627	5.00	4.67	
19 2-Methylphenol	108	4.834	4.848	-0.014	89	480743	5.00	4.56	
20 2,2'-oxybis[1-chloropropan	45	4.856	4.871	-0.015	91	586929	5.00	4.25	
23 N-Methylaniline	106	4.972	4.989	-0.017	84	713978	5.00	4.50	
24 Acetophenone	105	4.984	5.000	-0.016	84	661873	5.00	4.38	
21 4-Methylphenol	108	4.984	5.012	-0.028	74	520598	5.00	4.61	
25 N-Nitrosodi-n-propylamine	70	4.984	5.012	-0.028	63	313398	5.00	3.86	
26 3 & 4 Methylphenol	108	4.984	5.012	-0.028	87	520598	NC	NC	
27 Hexachloroethane	117	5.101	5.106	-0.005	86	259581	5.00	4.54	
30 n,n'-Dimethylaniline	120	5.159	5.177	-0.018	75	515082	5.00	4.12	
29 Nitrobenzene	77	5.159	5.177	-0.018	91	709603	5.00	4.24	
31 Isophorone	82	5.402	5.411	-0.009	98	1262463	5.00	4.40	
32 2-Nitrophenol	139	5.473	5.493	-0.020	59	178760	5.00	4.60	
33 2,4-Dimethylphenol	122	5.520	5.540	-0.020	81	339554	5.00	4.63	
34 Bis(2-chloroethoxy)methane	93	5.614	5.622	-0.008	92	744754	5.00	4.73	
35 Benzoic acid	122	5.625	5.669	-0.044	83	187814	5.00	4.68	
36 2,4-Dichlorophenol	162	5.717	5.739	-0.022	81	249035	5.00	4.85	
37 1,2,4-Trichlorobenzene	180	5.811	5.820	-0.009	90	276224	5.00	4.73	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 38 Naphthalene-d8	136	5.858	5.861	-0.003	96	1202827	8.00	8.00	
39 Naphthalene	128	5.881	5.890	-0.009	95	776711	5.00	5.07	
40 4-Chloroaniline	127	5.939	5.949	-0.010	86	401050	5.00	4.86	
41 Hexachlorobutadiene	225	6.019	6.020	-0.001	90	223071	5.00	4.77	
44 4-Chloro-3-methylphenol	107	6.417	6.430	-0.013	87	568592	5.00	4.81	
45 2-Methylnaphthalene	142	6.570	6.582	-0.012	78	564203	5.00	4.90	
46 1-Methylnaphthalene	142	6.674	6.687	-0.013	87	527303	5.00	4.89	
47 Hexachlorocyclopentadiene	237	6.744	6.745	-0.001	88	222031	5.00	4.45	
48 1,2,4,5-Tetrachlorobenzene	216	6.744	6.757	-0.013	95	317687	5.00	4.70	
49 2-tertbutyl-4-methylphenol	149	6.767	6.779	-0.012	74	396391	NC	NC	
50 2,4,6-Trichlorophenol	196	6.848	6.871	-0.023	71	201717	5.00	4.66	
51 2,4,5-Trichlorophenol	196	6.894	6.906	-0.012	84	202870	5.00	4.77	
53 1,1'-Biphenyl	154	7.033	7.046	-0.013	96	683401	5.00	4.75	
54 2-Chloronaphthalene	162	7.057	7.068	-0.011	92	500658	5.00	4.85	
55 Phenyl ether	170	7.139	7.150	-0.011	81	363190	5.00	4.72	
57 2-Nitroaniline	65	7.151	7.174	-0.023	80	317508	5.00	4.42	
58 1,3-Dimethylnaphthalene	156	7.269	7.290	-0.021	84	413798	5.00	4.32	
59 Dimethyl phthalate	163	7.339	7.361	-0.022	93	678794	5.00	4.81	
60 Coumarin	146	7.363	7.384	-0.021	65	190659	5.00	4.84	
61 2,6-Dinitrotoluene	165	7.398	7.407	-0.009	82	159929	5.00	4.89	
62 Acenaphthylene	152	7.468	7.477	-0.009	95	753650	5.00	4.99	
63 3-Nitroaniline	138	7.559	7.582	-0.023	84	165082	5.00	4.44	
* 64 Acenaphthene-d10	164	7.606	7.609	-0.003	92	732898	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.628	7.640	-0.012	96	511066	NC	NC	
66 Acenaphthene	154	7.639	7.651	-0.012	96	629435	5.00	4.94	
67 2,4-Dinitrophenol	184	7.663	7.686	-0.023	82	178700	10.0	9.31	
69 4-Nitrophenol	65	7.734	7.745	-0.011	78	354653	10.0	9.17	
70 2,4-Dinitrotoluene	165	7.792	7.801	-0.009	82	224822	5.00	5.10	
71 Dibenzofuran	168	7.804	7.825	-0.021	90	722262	5.00	4.77	
72 2,3,4,6-Tetrachlorophenol	232	7.931	7.943	-0.012	87	206912	5.00	5.10	
73 Diethyl phthalate	149	8.033	8.047	-0.014	94	804414	5.00	4.94	
74 4-Chlorophenyl phenyl ethe	204	8.138	8.151	-0.013	71	302051	5.00	4.39	
75 Fluorene	166	8.149	8.162	-0.013	94	515403	5.00	4.48	
76 4-Nitroaniline	138	8.161	8.185	-0.024	79	161177	5.00	4.88	
77 4,6-Dinitro-2-methylphenol	198	8.194	8.220	-0.026	72	249507	10.0	9.67	
78 N-Nitrosodiphenylamine	169	8.252	8.278	-0.026	65	422111	5.00	4.29	
79 1,2-Diphenylhydrazine	77	8.300	8.313	-0.013	98	1161470	5.00	4.34	
81 4-Bromophenyl phenyl ether	248	8.627	8.637	-0.010	91	221543	5.00	4.41	
82 Hexachlorobenzene	284	8.696	8.707	-0.011	94	236075	5.00	4.93	
84 Pentachlorophenol	266	8.882	8.905	-0.023	85	279225	10.0	8.90	
85 Pentachloronitrobenzene	237	8.905	8.916	-0.011	87	132427	NC	NC	
86 n-Octadecane	57	8.952	8.961	-0.009	90	587560	5.00	4.53	
* 87 Phenanthrene-d10	188	9.067	9.080	-0.013	96	1255215	8.00	8.00	
88 Phenanthrene	178	9.090	9.110	-0.020	98	687700	5.00	4.41	
89 Anthracene	178	9.136	9.157	-0.021	94	714218	5.00	4.30	
90 Carbazole	167	9.289	9.307	-0.018	98	648787	5.00	4.44	
91 Di-n-butyl phthalate	149	9.628	9.646	-0.018	98	1090718	5.00	4.32	
92 Fluoranthene	202	10.259	10.273	-0.014	96	834491	5.00	4.51	
93 Benzidine	184	10.388	10.401	-0.013	98	371826	5.00	3.96	
94 Pyrene	202	10.492	10.506	-0.014	95	783116	5.00	4.54	
95 Bisphenol-A	213	10.527	10.540	-0.013	0	588188	NC	NC	
97 Butyl benzyl phthalate	149	11.179	11.192	-0.013	87	466467	5.00	4.54	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
99 Carbamazepine	193	11.320	11.333	-0.013	88	316171	5.00	4.85	
100 3,3'-Dichlorobenzidine	252	11.831	11.849	-0.018	98	272778	5.00	4.45	
101 Benzo[a]anthracene	228	11.865	11.883	-0.018	99	645770	5.00	4.58	
* 102 Chrysene-d12	240	11.876	11.885	-0.009	98	992199	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.888	11.905	-0.017	91	516601	5.00	4.53	
104 Chrysene	228	11.910	11.928	-0.018	98	590844	5.00	4.70	
106 Benzo[b]fluoranthene	252	13.296	13.320	-0.024	97	586178	5.00	4.15	
107 Benzo[k]fluoranthene	252	13.342	13.365	-0.023	97	629727	5.00	4.73	
108 Benzo[a]pyrene	252	13.759	13.774	-0.015	98	557642	5.00	4.45	
* 109 Perylene-d12	264	13.841	13.843	-0.002	98	888992	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.418	15.447	-0.029	97	538243	5.00	4.89	
111 Dibenz(a,h)anthracene	278	15.464	15.492	-0.028	96	460921	5.00	4.86	
112 Benzo[g,h,i]perylene	276	15.871	15.907	-0.036	96	487264	5.00	4.48	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_ICV LVI_00017 Amount Added: 1.00 Units: mL

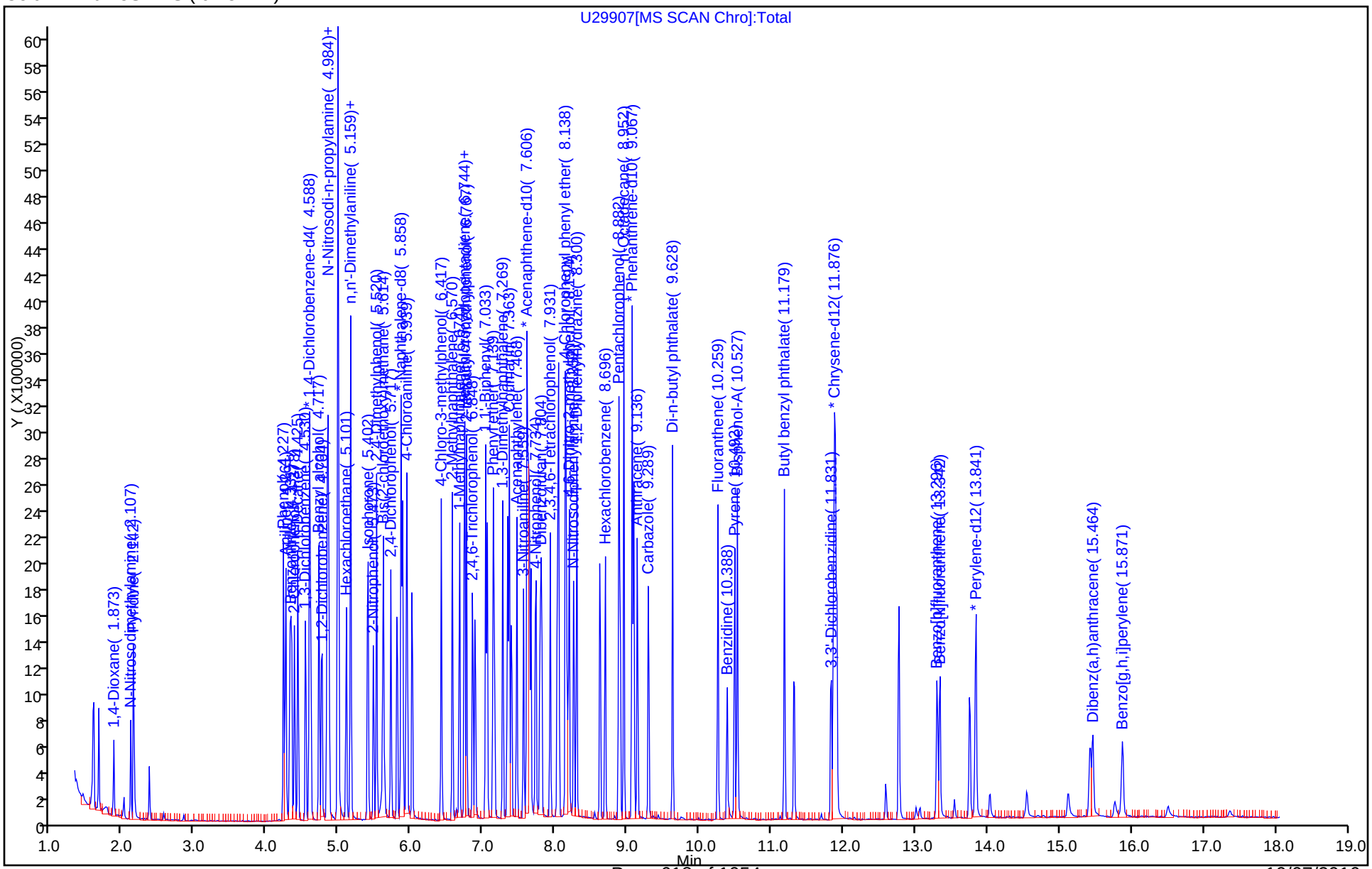
Report Date: 05-Oct-2016 14:14:50 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29907.D

Injection Date:	03-Oct-2016 22:37:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	icv			Worklist Smp#:	17
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: ICV 460-394601/18 Calibration Date: 10/03/2016 22:59

Instrument ID: CBNAMS4 Calib Start Date: 10/03/2016 20:01

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/03/2016 22:15

Lab File ID: U29908.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	2.094	2.245		5360	5000	7.2	20.0
Caprolactam	Ave	0.2592	0.2823		5450	5000	8.9	20.0
Atrazine	Ave	0.2630	0.3047		5790	5000	15.8	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29908.D
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 03-Oct-2016 22:59:30 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-018
Operator ID: Instrument ID: CBNAMS4
Sublist:

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: bayoumiw Date: 03-Oct-2016 23:57:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.148	4.148	0.000	91	455792	5.00	5.36	
* 14 1,4-Dichlorobenzene-d4	152	4.581	4.592	-0.011	87	324838	8.00	8.00	
* 38 Naphthalene-d8	136	5.860	5.861	-0.001	96	1190248	8.00	8.00	
42 Caprolactam	113	6.258	6.278	-0.020	90	209996	5.00	5.45	
* 64 Acenaphthene-d10	164	7.602	7.609	-0.007	92	754282	8.00	8.00	
83 Atrazine	200	8.782	8.788	-0.006	90	233812	5.00	5.79	
* 87 Phenanthrene-d10	188	9.072	9.080	-0.008	98	1227767	8.00	8.00	
* 102 Chrysene-d12	240	11.871	11.885	-0.014	99	1072091	8.00	8.00	
* 109 Perylene-d12	264	13.831	13.843	-0.012	99	869649	8.00	8.00	

Reagents:

SM_ICVLVI-Ben_00013 Amount Added: 1.00 Units: mL

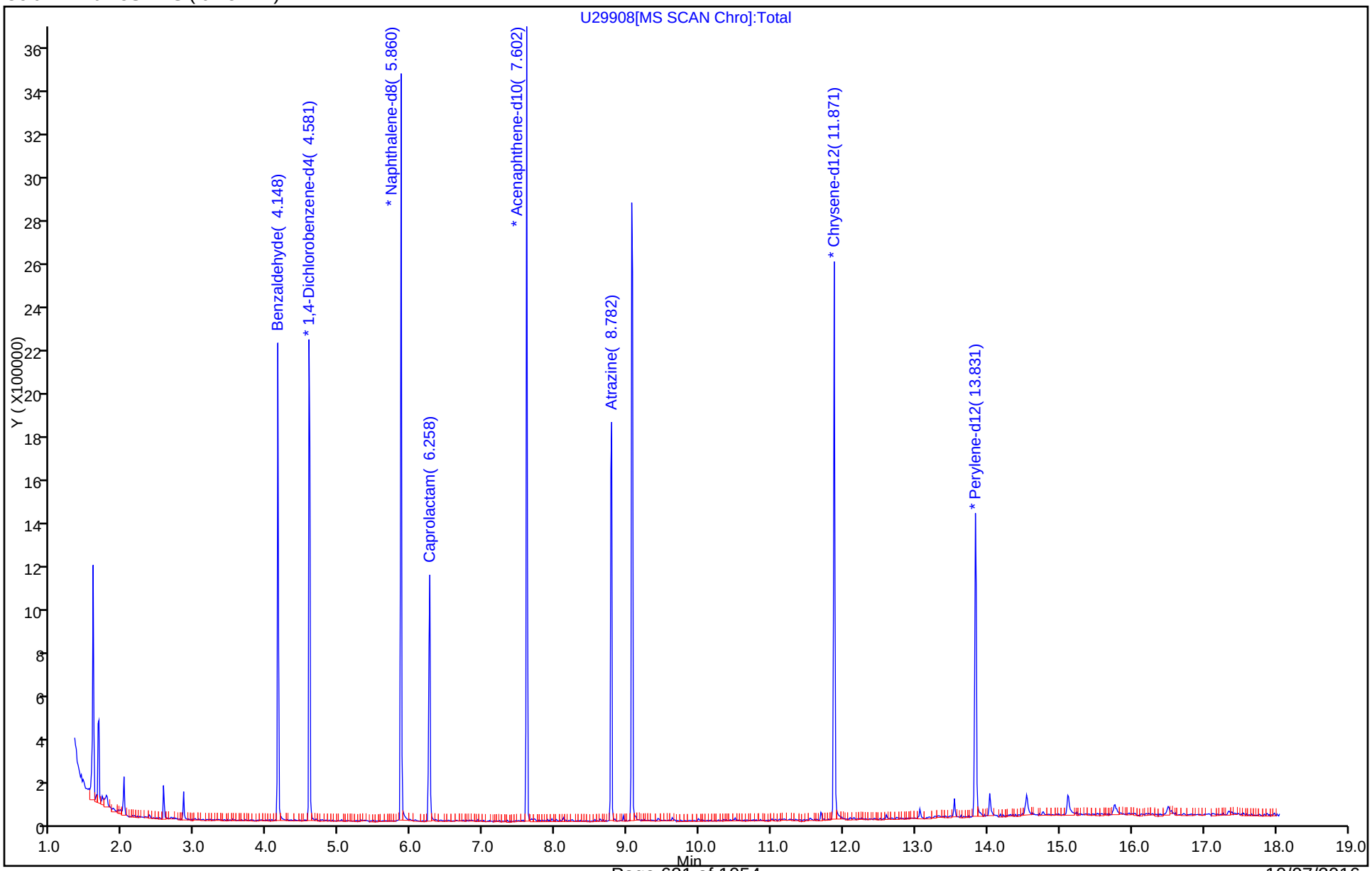
Report Date: 05-Oct-2016 14:14:55 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29908.D

Injection Date:	03-Oct-2016 22:59:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	icv			Worklist Smp#:	18
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29891.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 03-Oct-2016 16:06:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-001
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:26:18 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: croccom Date: 03-Oct-2016 16:24:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
16 Pentachlorophenol_T	266	5.430	5.430	0.000	81	52621	NR	NR	
43 Benzidine_T	184	7.217	7.217	0.000	97	285585	NR	NR	
124 DFTPP									
125 4,4'-DDE	246	7.450	7.450	0.000	1	287		NR	M
126 4,4'-DDD	235	7.876	7.876	0.000	4	1186		NR	
127 4,4'-DDT	235	8.191	8.191	0.000	94	145161	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
M - Manually Integrated

Reagents:

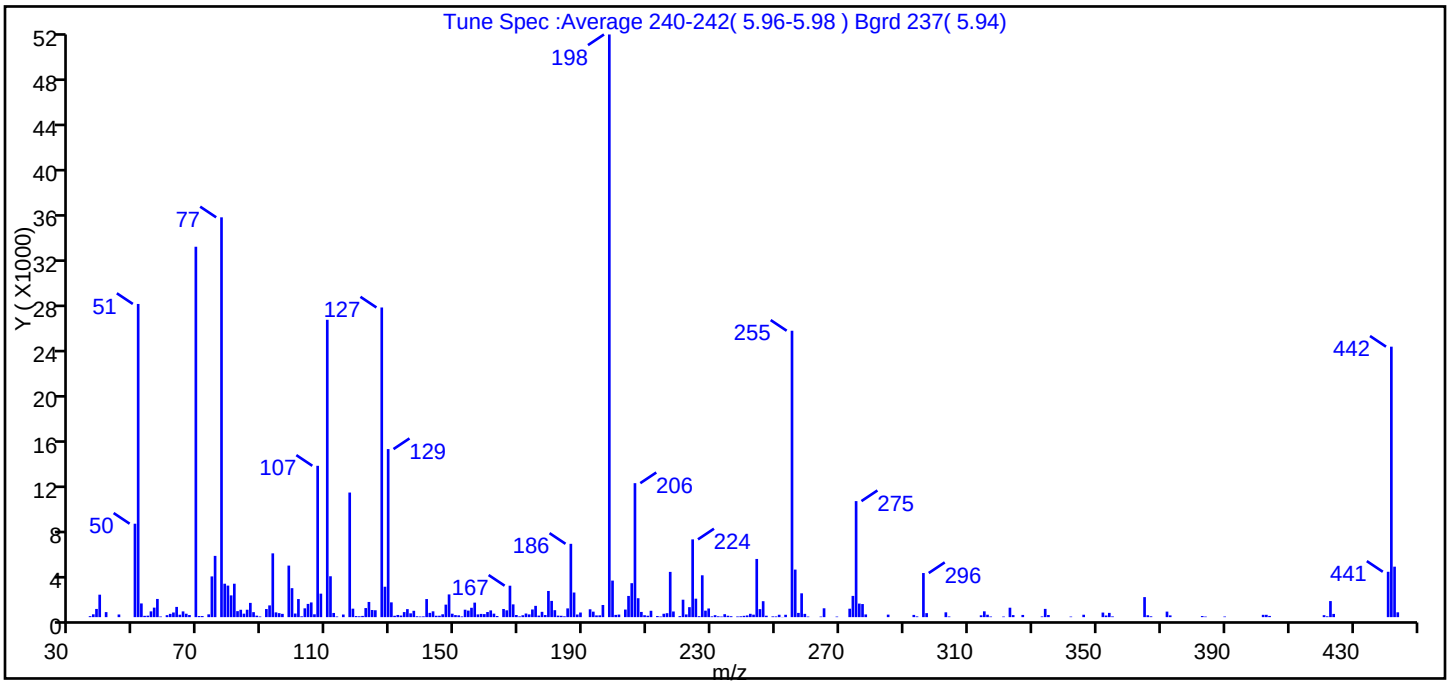
SMDFTTP_CH_00008 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29891.D
Injection Date: 03-Oct-2016 16:06:30 Instrument ID: CBNAMS4
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R4 Limit Group: SV 625 ICAL
Tune Method: DFTPP Method 625

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100 percent relative abundance	100.0
51	30-60 percent of Mass 198	53.8
68	Less than 2 percent of Mass 69	0.0 (0.0)
69	Present	63.6
70	Less than 2 percent of Mass 69	0.2 (0.3)
127	40-60 percent of Mass 198	53.1
197	Less than 1 percent of Mass 198	0.0
199	5-9 percent of Mass 198	6.3
275	10-30 percent of Mass 198	19.9
365	Greater than 1 percent of Mass 198	3.4
441	Present but less than Mass 443	7.8 (89.9)
442	Greater than 40 percent of Mass 198	46.4
443	17-23 percent of Mass 442	8.7 (18.7)

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29891.D\8270LVI_R4.rslt\spectra.d
Injection Date: 03-Oct-2016 16:06:30
Spectrum: Tune Spec :Average 240-242(5.96-5.98) Bgrd 237(5.94)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 249

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	86	115.00	231	181.00	616	252.00	15
37.00	250	117.00	11012	182.00	135	253.00	209
38.00	725	118.00	749	183.00	121	255.00	25312
39.00	1985	119.00	94	184.00	72	256.00	4202
41.00	445	120.00	74	185.00	774	257.00	374
45.00	234	121.00	109	186.00	6480	258.00	2106
50.00	8257	122.00	802	187.00	2176	259.00	290
51.00	27680	123.00	1343	188.00	233	260.00	52
52.00	1212	124.00	629	189.00	408	264.00	50
53.00	116	125.00	609	192.00	695	265.00	783
54.00	130	127.00	27368	193.00	485	269.00	51
55.00	511	128.00	2688	194.00	154	273.00	746
56.00	841	129.00	14854	195.00	159	274.00	1877
57.00	1608	130.00	1307	196.00	1074	275.00	10255
58.00	55	131.00	121	198.00	51496	276.00	1198
60.00	173	132.00	193	199.00	3230	277.00	1157
61.00	289	133.00	141	200.00	200	278.00	240
62.00	411	134.00	447	201.00	227	285.00	222
63.00	904	135.00	709	203.00	671	293.00	198
64.00	215	136.00	337	204.00	1874	294.00	65
65.00	509	137.00	561	205.00	3002	296.00	3898
66.00	302	138.00	76	206.00	11841	297.00	355
67.00	186	139.00	55	207.00	1673	303.00	427
69.00	32736	140.00	68	208.00	461	304.00	57
70.00	97	141.00	1600	209.00	170	314.00	161
71.00	96	142.00	378	210.00	124	315.00	514
73.00	247	143.00	515	211.00	563	316.00	213
74.00	3600	144.00	123	213.00	96	317.00	55
75.00	5414	145.00	126	214.00	53	321.00	53
77.00	35336	146.00	254	215.00	299	323.00	834
78.00	2955	147.00	1106	216.00	349	324.00	180
79.00	2788	148.00	2008	217.00	4000	327.00	195
80.00	1922	149.00	304	218.00	501	333.00	61

Report Date: 05-Oct-2016 14:26:21 Chrom Revision: 2.2 08-Sep-2016 14:45:52
Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29891.D\8270LVI_R4.rslt\spectra.d
Injection Date: 03-Oct-2016 16:06:30
Spectrum: Tune Spec :Average 240-242(5.96-5.98) Bgrd 237(5.94)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 249

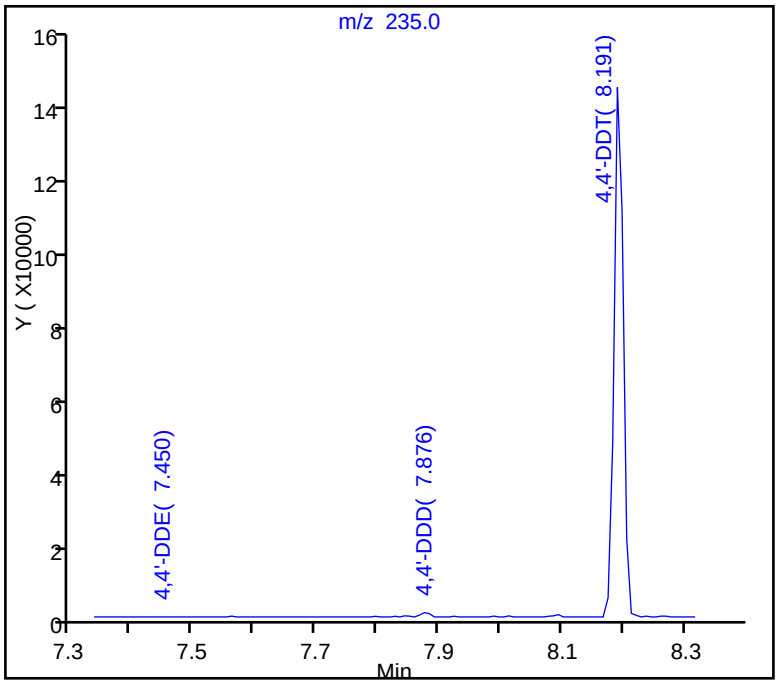
m/z	Y	m/z	Y	m/z	Y	m/z	Y
81.00	2954	150.00	181	220.00	89	334.00	730
82.00	530	151.00	159	221.00	1541	335.00	190
83.00	651	152.00	64	222.00	240	342.00	50
84.00	306	153.00	657	223.00	882	346.00	213
85.00	655	154.00	579	224.00	6873	352.00	406
86.00	1260	155.00	828	225.00	1632	353.00	143
87.00	441	156.00	1282	226.00	83	354.00	376
88.00	132	157.00	242	227.00	3699	355.00	66
89.00	58	158.00	286	228.00	573	365.00	1771
91.00	716	159.00	268	229.00	766	366.00	167
92.00	1039	160.00	450	230.00	67	367.00	72
93.00	5638	161.00	595	231.00	173	372.00	490
94.00	421	162.00	308	232.00	75	373.00	155
95.00	353	163.00	98	233.00	52	383.00	98
96.00	290	165.00	721	234.00	261	384.00	51
98.00	4556	166.00	604	235.00	124	390.00	55
99.00	2560	167.00	2778	236.00	81	402.00	205
100.00	318	168.00	1129	238.00	60	403.00	207
101.00	1599	169.00	189	239.00	73	404.00	108
102.00	72	170.00	67	240.00	116	421.00	174
103.00	779	171.00	168	241.00	151	422.00	71
104.00	1170	172.00	320	242.00	294	423.00	1420
105.00	1300	173.00	242	243.00	219	424.00	285
106.00	252	174.00	679	244.00	5143	441.00	4009
107.00	13376	175.00	998	245.00	708	442.00	23904
108.00	2076	176.00	136	246.00	1410	443.00	4461
110.00	26280	177.00	470	247.00	126	444.00	426
111.00	3614	178.00	185	249.00	67		
112.00	370	179.00	2313	250.00	63		
113.00	57	180.00	1436	251.00	211		

Breakdown Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29891.D
Injection Date: 03-Oct-2016 16:06:30 Instrument ID: CBNAMS4
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R4 Limit Group: SV 625 ICAL

127 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 145161
126 4,4'-DDD, Area = 1186
125 4,4'-DDE, Area = 287

%Breakdown: 1.00%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

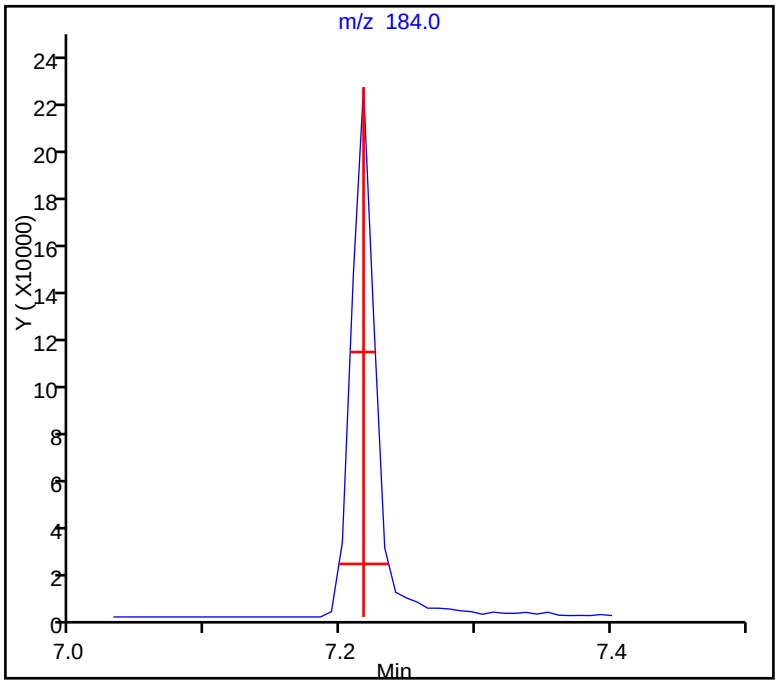
Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29891.D
Injection Date: 03-Oct-2016 16:06:30 Instrument ID: CBNAMS4
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R4 Limit Group: SV 625 ICAL

43 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.019 (min.)
Front Width = 0.018 (min.)

Tailing Factor = 1.0, Max. Tailing < 3.00
Passed



Peak Tailing Report

TestAmerica Edison

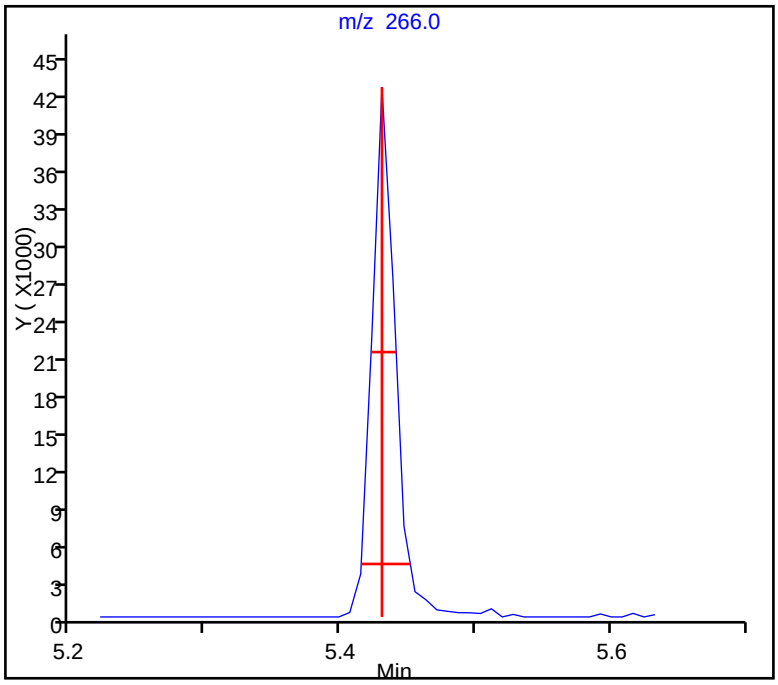
Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29891.D
Injection Date: 03-Oct-2016 16:06:30 Instrument ID: CBNAMS4
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R4 Limit Group: SV 625 ICAL

16 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.021 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 1.4, Max. Tailing < 3.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-394513/1-A

Matrix: Water | Lab File ID: U29915.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 01:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.12	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.1	U	10	1.1
106-46-7	1,4-Dichlorobenzene	0.66	U	10	0.66
95-50-1	1,2-Dichlorobenzene	0.83	U	10	0.83
621-64-7	N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83
67-72-1	Hexachloroethane	0.090	U	1.0	0.090
98-95-3	Nitrobenzene	0.49	U	1.0	0.49
78-59-1	Isophorone	0.67	U	10	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.69	U	10	0.69
120-82-1	1,2,4-Trichlorobenzene	0.61	U	1.0	0.61
91-20-3	Naphthalene	0.80	U	10	0.80
106-47-8	4-Chloroaniline	0.73	U	10	0.73
87-68-3	Hexachlorobutadiene	0.76	U	1.0	0.76
91-57-6	2-Methylnaphthalene	0.88	U	10	0.88
77-47-4	Hexachlorocyclopentadiene	0.61	U	10	0.61
91-58-7	2-Chloronaphthalene	0.61	U	10	0.61
88-74-4	2-Nitroaniline	0.65	U	10	0.65
131-11-3	Dimethyl phthalate	0.98	U	10	0.98
208-96-8	Acenaphthylene	0.65	U	10	0.65
606-20-2	2,6-Dinitrotoluene	0.88	U	2.0	0.88
99-09-2	3-Nitroaniline	0.82	U	10	0.82
83-32-9	Acenaphthene	0.88	U	10	0.88
132-64-9	Dibenzofuran	0.85	U	10	0.85
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	0.96	U	10	0.96
86-73-7	Fluorene	0.80	U	10	0.80
100-01-6	4-Nitroaniline	0.48	U	10	0.48
86-30-6	N-Nitrosodiphenylamine	0.74	U	10	0.74
101-55-3	4-Bromophenyl phenyl ether	1.0	U	10	1.0
118-74-1	Hexachlorobenzene	0.47	U	1.0	0.47
85-01-8	Phenanthrene	0.65	U	10	0.65
120-12-7	Anthracene	0.57	U	10	0.57
86-74-8	Carbazole	0.85	U	10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-394513/1-A

Matrix: Water | Lab File ID: U29915.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 01:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.82	U	10	0.82
206-44-0	Fluoranthene	0.72	U	10	0.72
129-00-0	Pyrene	0.83	U	10	0.83
85-68-7	Butyl benzyl phthalate	0.60	U	10	0.60
91-94-1	3,3'-Dichlorobenzidine	1.0	U	10	1.0
56-55-3	Benzo[a]anthracene	0.55	U	1.0	0.55
218-01-9	Chrysene	0.67	U	2.0	0.67
117-81-7	Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72
117-84-0	Di-n-octyl phthalate	0.69	U	10	0.69
205-99-2	Benzo[b]fluoranthene	0.44	U	1.0	0.44
207-08-9	Benzo[k]fluoranthene	0.18	U	1.0	0.18
50-32-8	Benzo[a]pyrene	0.16	U	1.0	0.16
193-39-5	Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21
53-70-3	Dibenz(a,h)anthracene	0.090	U	1.0	0.090
191-24-2	Benzo[g,h,i]perylene	0.75	U	10	0.75
108-60-1	bis (2-chloroisopropyl) ether	0.93	U	10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	76		49-125
1718-51-0	Terphenyl-d14	79		28-150
321-60-8	2-Fluorobiphenyl	71		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-394513/1-A

Matrix: Water | Lab File ID: U29915.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 01:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29915.D
Lims ID: MB 460-394513/1-A
Client ID:
Sample Type: MB
Inject. Date: 04-Oct-2016 01:54:30 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-025
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 12:49:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.297	3.317	-0.020	94	442672	10.0	4.17	
$ 6 Phenol-d5	99	4.209	4.237	-0.028	88	421752	10.0	2.84	
* 14 1,4-Dichlorobenzene-d4	152	4.582	4.592	-0.010	89	296147	8.00	8.00	
$ 28 Nitrobenzene-d5	82	5.141	5.153	-0.012	85	1125554	10.0	7.62	
* 38 Naphthalene-d8	136	5.863	5.861	0.002	95	1089732	8.00	8.00	
$ 52 2-Fluorobiphenyl	172	6.935	6.953	-0.018	94	999289	10.0	7.08	
* 64 Acenaphthene-d10	164	7.613	7.609	0.004	93	728283	8.00	8.00	
$ 80 2,4,6-Tribromophenol	330	8.383	8.406	-0.023	82	220201	10.0	7.85	
* 87 Phenanthrene-d10	188	9.071	9.080	-0.009	96	1172821	8.00	8.00	
$ 96 Terphenyl-d14	244	10.655	10.666	-0.011	98	1222454	10.0	7.87	
* 102 Chrysene-d12	240	11.877	11.885	-0.008	98	1009232	8.00	8.00	
* 109 Perylene-d12	264	13.845	13.843	0.002	99	840759	8.00	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

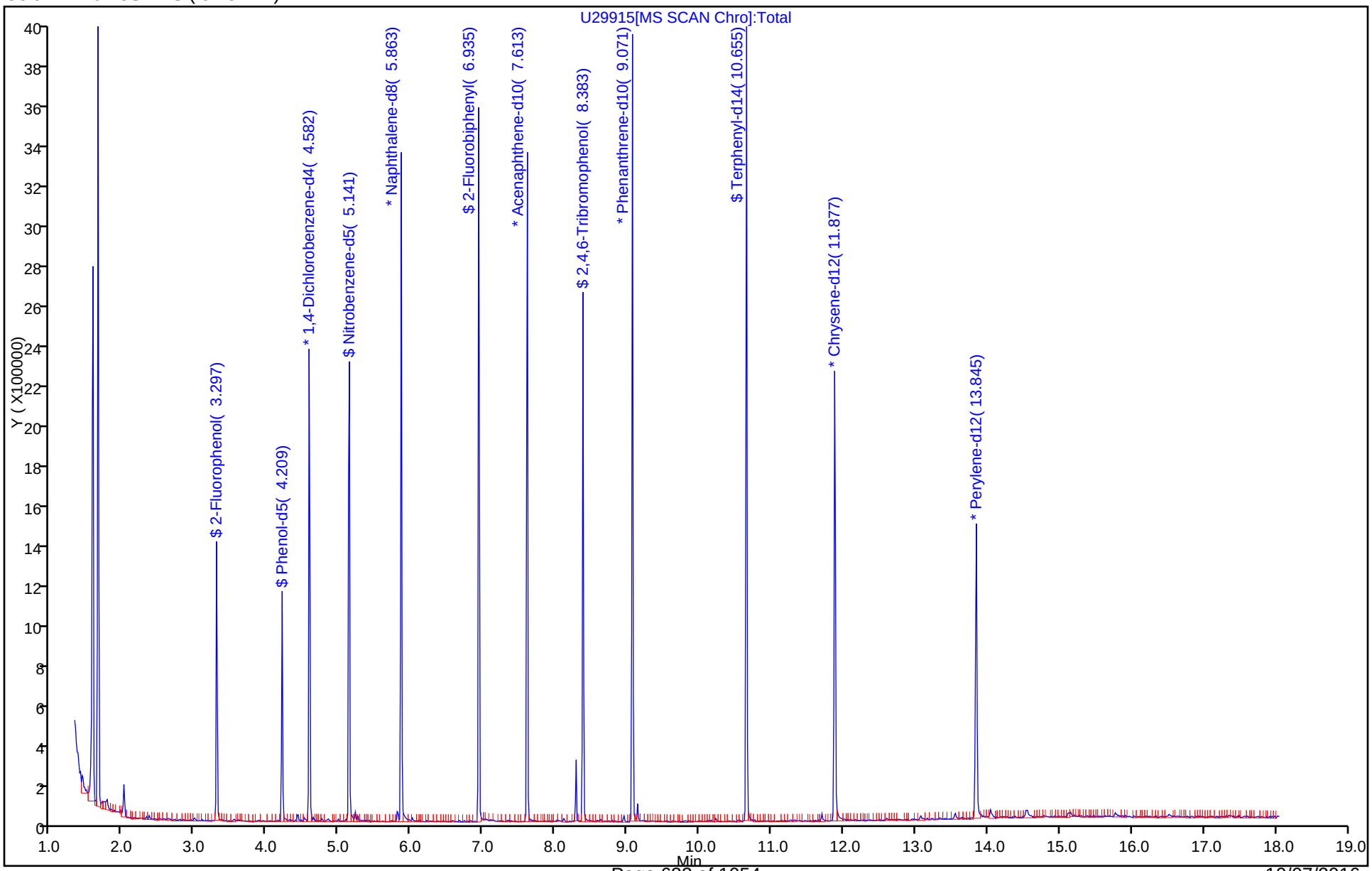
Report Date: 05-Oct-2016 14:15:30 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29915.D

Injection Date:	04-Oct-2016 01:54:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	MB 460-394513/1-A			Worklist Smp#:	25
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-394654/1-A

Matrix: Water | Lab File ID: U29940.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/03/2016 20:21

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 11:07

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.12	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.1	U	10	1.1
106-46-7	1,4-Dichlorobenzene	0.66	U	10	0.66
95-50-1	1,2-Dichlorobenzene	0.83	U	10	0.83
621-64-7	N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83
67-72-1	Hexachloroethane	0.090	U	1.0	0.090
98-95-3	Nitrobenzene	0.49	U	1.0	0.49
78-59-1	Isophorone	0.67	U	10	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.69	U	10	0.69
120-82-1	1,2,4-Trichlorobenzene	0.61	U	1.0	0.61
91-20-3	Naphthalene	0.80	U	10	0.80
106-47-8	4-Chloroaniline	0.73	U	10	0.73
87-68-3	Hexachlorobutadiene	0.76	U	1.0	0.76
91-57-6	2-Methylnaphthalene	0.88	U	10	0.88
77-47-4	Hexachlorocyclopentadiene	0.61	U	10	0.61
91-58-7	2-Chloronaphthalene	0.61	U	10	0.61
88-74-4	2-Nitroaniline	0.65	U	10	0.65
131-11-3	Dimethyl phthalate	0.98	U	10	0.98
208-96-8	Acenaphthylene	0.65	U	10	0.65
606-20-2	2,6-Dinitrotoluene	0.88	U	2.0	0.88
99-09-2	3-Nitroaniline	0.82	U	10	0.82
83-32-9	Acenaphthene	0.88	U	10	0.88
132-64-9	Dibenzofuran	0.85	U	10	0.85
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	0.96	U	10	0.96
86-73-7	Fluorene	0.80	U	10	0.80
100-01-6	4-Nitroaniline	0.48	U	10	0.48
86-30-6	N-Nitrosodiphenylamine	0.74	U	10	0.74
101-55-3	4-Bromophenyl phenyl ether	1.0	U	10	1.0
118-74-1	Hexachlorobenzene	0.47	U	1.0	0.47
85-01-8	Phenanthrene	0.65	U	10	0.65
120-12-7	Anthracene	0.57	U	10	0.57
86-74-8	Carbazole	0.85	U	10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-394654/1-A

Matrix: Water | Lab File ID: U29940.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/03/2016 20:21

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 11:07

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.82	U	10	0.82
206-44-0	Fluoranthene	0.72	U	10	0.72
129-00-0	Pyrene	0.83	U	10	0.83
85-68-7	Butyl benzyl phthalate	0.60	U	10	0.60
91-94-1	3,3'-Dichlorobenzidine	1.0	U	10	1.0
56-55-3	Benzo[a]anthracene	0.55	U	1.0	0.55
218-01-9	Chrysene	0.67	U	2.0	0.67
117-81-7	Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72
117-84-0	Di-n-octyl phthalate	0.69	U	10	0.69
205-99-2	Benzo[b]fluoranthene	0.44	U	1.0	0.44
207-08-9	Benzo[k]fluoranthene	0.18	U	1.0	0.18
50-32-8	Benzo[a]pyrene	0.16	U	1.0	0.16
193-39-5	Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21
53-70-3	Dibenz(a,h)anthracene	0.090	U	1.0	0.090
191-24-2	Benzo[g,h,i]perylene	0.75	U	10	0.75
108-60-1	bis (2-chloroisopropyl) ether	0.93	U	10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	55		49-125
1718-51-0	Terphenyl-d14	59		28-150
321-60-8	2-Fluorobiphenyl	51		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-394654/1-A

Matrix: Water | Lab File ID: U29940.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/03/2016 20:21

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 11:07

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29940.D
Lims ID: MB 460-394654/1-A
Client ID:
Sample Type: MB
Inject. Date: 04-Oct-2016 11:07:30 ALS Bottle#: 50 Worklist Smp#: 50
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-050
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 16:50:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.297	3.317	-0.020	93	310717	10.0	2.76	
$ 6 Phenol-d5	99	4.204	4.237	-0.033	89	303876	10.0	1.92	
* 14 1,4-Dichlorobenzene-d4	152	4.579	4.592	-0.013	84	314605	8.00	8.00	
$ 28 Nitrobenzene-d5	82	5.124	5.153	-0.029	84	864119	10.0	5.47	
* 38 Naphthalene-d8	136	5.856	5.861	-0.005	95	1166359	8.00	8.00	
$ 52 2-Fluorobiphenyl	172	6.926	6.953	-0.027	95	696578	10.0	5.09	
* 64 Acenaphthene-d10	164	7.601	7.609	-0.008	93	706109	8.00	8.00	
$ 80 2,4,6-Tribromophenol	330	8.368	8.406	-0.038	78	137699	10.0	5.06	
* 87 Phenanthrene-d10	188	9.052	9.080	-0.028	96	1160939	8.00	8.00	
$ 96 Terphenyl-d14	244	10.641	10.666	-0.025	99	834471	10.0	5.86	
* 102 Chrysene-d12	240	11.864	11.885	-0.021	98	924740	8.00	8.00	
* 109 Perylene-d12	264	13.821	13.843	-0.022	99	803050	8.00	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

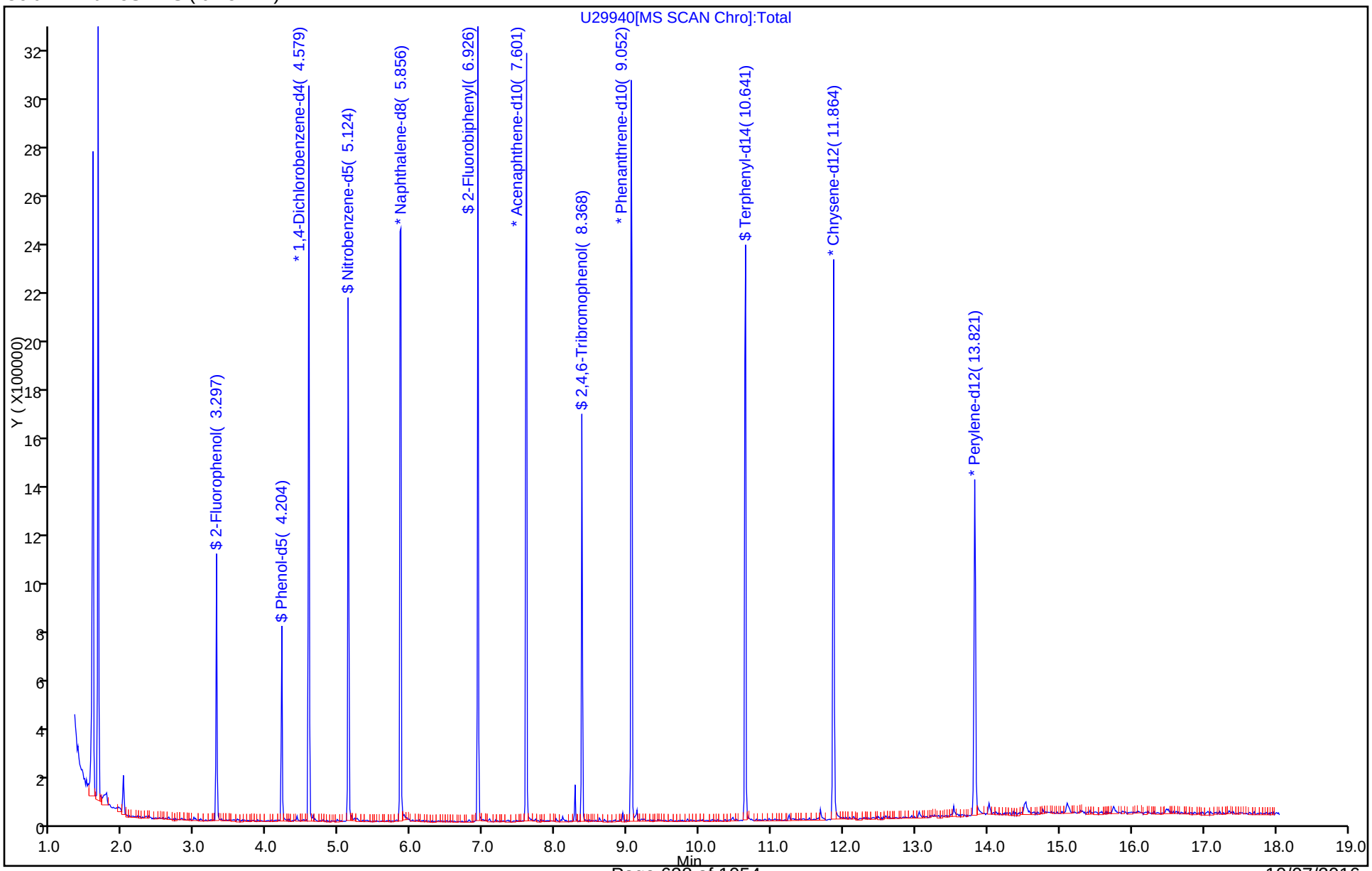
Report Date: 05-Oct-2016 14:17:34 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29940.D

Injection Date:	04-Oct-2016 11:07:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	MB 460-394654/1-A			Worklist Smp#:	50
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	50
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-394513/2-A

Matrix: Water | Lab File ID: U29916.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 02:16

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	60.9		1.0	0.12
541-73-1	1,3-Dichlorobenzene	59.0		10	1.1
106-46-7	1,4-Dichlorobenzene	59.0		10	0.66
95-50-1	1,2-Dichlorobenzene	59.7		10	0.83
621-64-7	N-Nitrosodi-n-propylamine	54.4		1.0	0.83
67-72-1	Hexachloroethane	56.6		1.0	0.090
98-95-3	Nitrobenzene	59.4		1.0	0.49
78-59-1	Isophorone	59.9		10	0.67
111-91-1	Bis(2-chloroethoxy)methane	67.9		10	0.69
120-82-1	1,2,4-Trichlorobenzene	59.6		1.0	0.61
91-20-3	Naphthalene	64.7		10	0.80
106-47-8	4-Chloroaniline	59.1		10	0.73
87-68-3	Hexachlorobutadiene	58.0		1.0	0.76
91-57-6	2-Methylnaphthalene	64.4		10	0.88
77-47-4	Hexachlorocyclopentadiene	61.6		10	0.61
91-58-7	2-Chloronaphthalene	68.4		10	0.61
88-74-4	2-Nitroaniline	75.2		10	0.65
131-11-3	Dimethyl phthalate	67.8		10	0.98
208-96-8	Acenaphthylene	68.3		10	0.65
606-20-2	2,6-Dinitrotoluene	74.6		2.0	0.88
99-09-2	3-Nitroaniline	67.3		10	0.82
83-32-9	Acenaphthene	76.1		10	0.88
132-64-9	Dibenzofuran	71.0		10	0.85
121-14-2	2,4-Dinitrotoluene	78.5		2.0	1.0
84-66-2	Diethyl phthalate	73.1		10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	72.0		10	0.96
86-73-7	Fluorene	70.8		10	0.80
100-01-6	4-Nitroaniline	74.7		10	0.48
86-30-6	N-Nitrosodiphenylamine	68.8		10	0.74
101-55-3	4-Bromophenyl phenyl ether	70.8		10	1.0
118-74-1	Hexachlorobenzene	73.0		1.0	0.47
85-01-8	Phenanthrene	71.9		10	0.65
120-12-7	Anthracene	73.7		10	0.57
86-74-8	Carbazole	73.1		10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-394513/2-A

Matrix: Water | Lab File ID: U29916.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 02:16

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	69.1		10	0.82
206-44-0	Fluoranthene	72.5		10	0.72
129-00-0	Pyrene	78.4		10	0.83
85-68-7	Butyl benzyl phthalate	79.8		10	0.60
91-94-1	3,3'-Dichlorobenzidine	74.8		10	1.0
56-55-3	Benzo[a]anthracene	77.0		1.0	0.55
218-01-9	Chrysene	79.2		2.0	0.67
117-81-7	Bis(2-ethylhexyl) phthalate	82.5		2.0	0.72
117-84-0	Di-n-octyl phthalate	74.9		10	0.69
205-99-2	Benzo[b]fluoranthene	71.9		1.0	0.44
207-08-9	Benzo[k]fluoranthene	75.5		1.0	0.18
50-32-8	Benzo[a]pyrene	73.1		1.0	0.16
193-39-5	Indeno[1,2,3-cd]pyrene	75.1		1.0	0.21
53-70-3	Dibenz(a,h)anthracene	85.5		1.0	0.090
191-24-2	Benzo[g,h,i]perylene	79.3		10	0.75
108-60-1	bis (2-chloroisopropyl) ether	59.5		10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	74		49-125
1718-51-0	Terphenyl-d14	88		28-150
321-60-8	2-Fluorobiphenyl	81		44-129

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29916.D
Lims ID: LCS 460-394513/2-A
Client ID:
Sample Type: LCS
Inject. Date: 04-Oct-2016 02:16:30 ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-026
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 12:51:28

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.877	1.885	-0.008	87	250254	10.0	4.89	
	2 N-Nitrosodimethylamine	74	2.111	2.118	-0.007	88	353036	10.0	4.92	
	3 Pyridine	79	2.146	2.164	-0.018	95	483202	10.0	4.37	
$	4 2-Fluorophenol	112	3.305	3.317	-0.012	93	488488	10.0	4.37	
$	6 Phenol-d5	99	4.213	4.237	-0.024	89	433415	10.0	2.77	
	7 Phenol	94	4.236	4.249	-0.013	96	466514	10.0	3.13	
	8 Aniline	93	4.260	4.272	-0.012	95	1170966	10.0	6.55	
	9 Bis(2-chloroethyl)ether	93	4.318	4.331	-0.013	95	1006518	10.0	7.61	
	10 Benzonitrile	103	4.342	4.355	-0.013	96	1622195	10.0	8.49	
	11 2-Chlorophenol	128	4.389	4.401	-0.012	84	430347	10.0	7.33	
	12 n-Decane	43	4.424	4.437	-0.013	86	572013	10.0	6.86	
	13 1,3-Dichlorobenzene	146	4.541	4.542	-0.001	77	438807	10.0	7.37	
*	14 1,4-Dichlorobenzene-d4	152	4.588	4.592	-0.004	85	311862	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.612	4.613	-0.001	81	425400	10.0	7.37	
	17 Benzyl alcohol	108	4.728	4.730	-0.002	91	479352	10.0	6.63	
	18 1,2-Dichlorobenzene	146	4.763	4.765	-0.002	79	429098	10.0	7.46	
	19 2-Methylphenol	108	4.834	4.848	-0.014	90	595829	10.0	6.13	
	20 2,2'-oxybis[1-chloropropan	45	4.857	4.871	-0.014	92	947044	10.0	7.44	
	23 N-Methylaniline	106	4.986	4.989	-0.003	86	1186382	10.0	8.12	
	24 Acetophenone	105	4.998	5.000	-0.002	91	1047100	10.0	7.52	
	21 4-Methylphenol	108	4.986	5.012	-0.026	70	586301	10.0	5.63	
	25 N-Nitrosodi-n-propylamine	70	4.998	5.012	-0.014	91	509497	10.0	6.80	
	26 3 & 4 Methylphenol	108	4.986	5.012	-0.026	84	589238	NC	NC	
	27 Hexachloroethane	117	5.103	5.106	-0.003	85	372245	10.0	7.07	
$	28 Nitrobenzene-d5	82	5.138	5.153	-0.015	85	1077263	10.0	7.35	
	30 n,n'-Dimethylaniline	120	5.161	5.177	-0.016	73	844400	10.0	7.33	
	29 Nitrobenzene	77	5.161	5.177	-0.016	90	1117476	10.0	7.43	
	31 Isophorone	82	5.407	5.411	-0.004	98	1929485	10.0	7.49	
	32 2-Nitrophenol	139	5.477	5.493	-0.016	59	283799	10.0	8.12	
	33 2,4-Dimethylphenol	122	5.524	5.540	-0.016	80	507719	10.0	7.71	
	34 Bis(2-chloroethoxy)methane	93	5.617	5.622	-0.005	92	1201263	10.0	8.49	
	35 Benzoic acid	122	5.594	5.669	-0.075	78	55573	10.0	1.54	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
36 2,4-Dichlorophenol	162	5.723	5.739	-0.016	81	380730	10.0	8.25	
37 1,2,4-Trichlorobenzene	180	5.805	5.820	-0.015	88	391036	10.0	7.45	
* 38 Naphthalene-d8	136	5.864	5.861	0.003	95	1080657	8.00	8.00	
39 Naphthalene	128	5.887	5.890	-0.003	94	1112485	10.0	8.09	
40 4-Chloroaniline	127	5.934	5.949	-0.015	91	547913	10.0	7.39	
41 Hexachlorobutadiene	225	6.016	6.020	-0.004	89	304803	10.0	7.25	
44 4-Chloro-3-methylphenol	107	6.414	6.430	-0.016	87	836136	10.0	7.88	
45 2-Methylnaphthalene	142	6.578	6.582	-0.004	77	832090	10.0	8.04	
46 1-Methylnaphthalene	142	6.673	6.687	-0.014	85	777008	10.0	8.03	
47 Hexachlorocyclopentadiene	237	6.742	6.745	-0.003	87	302742	10.0	7.70	
48 1,2,4,5-Tetrachlorobenzene	216	6.742	6.757	-0.015	88	452056	10.0	8.50	
49 2-tertbutyl-4-methylphenol	149	6.775	6.779	-0.004	75	697844	NC	NC	
50 2,4,6-Trichlorophenol	196	6.858	6.871	-0.013	77	298731	10.0	8.76	
51 2,4,5-Trichlorophenol	196	6.893	6.906	-0.013	85	317215	10.0	9.48	
$ 52 2-Fluorobiphenyl	172	6.939	6.953	-0.014	94	904519	10.0	8.09	
53 1,1'-Biphenyl	154	7.033	7.046	-0.013	96	994149	10.0	8.79	
54 2-Chloronaphthalene	162	7.057	7.068	-0.011	88	694402	10.0	8.54	
55 Phenyl ether	170	7.139	7.150	-0.011	79	561551	10.0	9.28	
57 2-Nitroaniline	65	7.163	7.174	-0.011	83	531556	10.0	9.40	
58 1,3-Dimethylnaphthalene	156	7.280	7.290	-0.010	84	687162	10.0	9.11	
59 Dimethyl phthalate	163	7.338	7.361	-0.023	90	941027	10.0	8.48	
60 Coumarin	146	7.361	7.384	-0.023	64	306139	10.0	8.65	
61 2,6-Dinitrotoluene	165	7.397	7.407	-0.010	78	240012	10.0	9.33	
62 Acenaphthylene	152	7.467	7.477	-0.010	94	1014580	10.0	8.54	
63 3-Nitroaniline	138	7.561	7.582	-0.021	83	246511	10.0	8.42	
* 64 Acenaphthene-d10	164	7.608	7.609	-0.001	92	576829	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.631	7.640	-0.009	97	862133	NC	NC	
66 Acenaphthene	154	7.642	7.651	-0.009	96	953472	10.0	9.51	
67 2,4-Dinitrophenol	184	7.665	7.686	-0.021	67	275514	20.0	18.2	
69 4-Nitrophenol	65	7.723	7.745	-0.022	80	209471	20.0	6.88	
70 2,4-Dinitrotoluene	165	7.794	7.801	-0.007	80	340475	10.0	9.82	
71 Dibenzofuran	168	7.817	7.825	-0.008	90	1058544	10.0	8.87	
72 2,3,4,6-Tetrachlorophenol	232	7.934	7.943	-0.009	85	301905	10.0	9.46	
73 Diethyl phthalate	149	8.038	8.047	-0.009	94	1170715	10.0	9.13	
74 4-Chlorophenyl phenyl ethe	204	8.143	8.151	-0.008	77	487015	10.0	9.00	
75 Fluorene	166	8.143	8.162	-0.019	95	802097	10.0	8.85	
76 4-Nitroaniline	138	8.178	8.185	-0.007	76	242629	10.0	9.34	
77 4,6-Dinitro-2-methylphenol	198	8.202	8.220	-0.018	68	407144	20.0	21.2	
78 N-Nitrosodiphenylamine	169	8.260	8.278	-0.018	67	629755	10.0	8.60	
79 1,2-Diphenylhydrazine	77	8.305	8.313	-0.008	97	1776605	10.0	8.93	
$ 80 2,4,6-Tribromophenol	330	8.387	8.406	-0.019	90	194468	10.0	8.75	
81 4-Bromophenyl phenyl ether	248	8.621	8.637	-0.016	68	330393	10.0	8.84	
82 Hexachlorobenzene	284	8.703	8.707	-0.004	93	324646	10.0	9.12	
84 Pentachlorophenol	266	8.889	8.905	-0.016	88	459116	20.0	19.7	
85 Pentachloronitrobenzene	237	8.901	8.916	-0.015	80	230513	NC	NC	
86 n-Octadecane	57	8.957	8.961	-0.004	89	925826	10.0	9.59	
* 87 Phenanthrene-d10	188	9.075	9.080	-0.005	98	933766	8.00	8.00	
88 Phenanthrene	178	9.098	9.110	-0.012	98	1041728	10.0	8.99	
89 Anthracene	178	9.144	9.157	-0.013	94	1138917	10.0	9.21	
90 Carbazole	167	9.297	9.307	-0.010	97	993367	10.0	9.14	
91 Di-n-butyl phthalate	149	9.625	9.646	-0.021	97	1623584	10.0	8.64	
92 Fluoranthene	202	10.267	10.273	-0.006	97	1246328	10.0	9.06	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Benzidine	184	10.384	10.401	-0.017	97	388455	10.0	5.57	
94 Pyrene	202	10.499	10.506	-0.007	96	1189467	10.0	9.80	
95 Bisphenol-A	213	10.534	10.540	-0.006	0	231686	NC	NC	
$ 96 Terphenyl-d14	244	10.648	10.666	-0.018	98	943325	10.0	8.79	
97 Butyl benzyl phthalate	149	11.185	11.192	-0.007	88	719790	10.0	9.97	
99 Carbamazepine	193	11.324	11.333	-0.009	86	505250	10.0	11.0	
100 3,3'-Dichlorobenzidine	252	11.834	11.849	-0.015	98	403137	10.0	9.35	
101 Benzo[a]anthracene	228	11.867	11.883	-0.016	99	953300	10.0	9.62	
* 102 Chrysene-d12	240	11.879	11.885	-0.006	98	697581	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.890	11.905	-0.015	91	826939	10.0	10.3	
104 Chrysene	228	11.912	11.928	-0.016	98	874241	10.0	9.90	
105 Di-n-octyl phthalate	149	12.774	12.783	-0.009	97	1461366	10.0	9.36	
106 Benzo[b]fluoranthene	252	13.299	13.320	-0.021	96	951129	10.0	8.99	
107 Benzo[k]fluoranthene	252	13.345	13.365	-0.020	97	942505	10.0	9.43	
108 Benzo[a]pyrene	252	13.756	13.774	-0.018	97	859915	10.0	9.14	
* 109 Perylene-d12	264	13.837	13.843	-0.006	99	666651	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.432	15.447	-0.015	97	775633	10.0	9.39	
111 Dibenz(a,h)anthracene	278	15.466	15.492	-0.026	96	760011	10.0	10.7	
112 Benzo[g,h,i]perylene	276	15.884	15.907	-0.023	96	808595	10.0	9.91	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

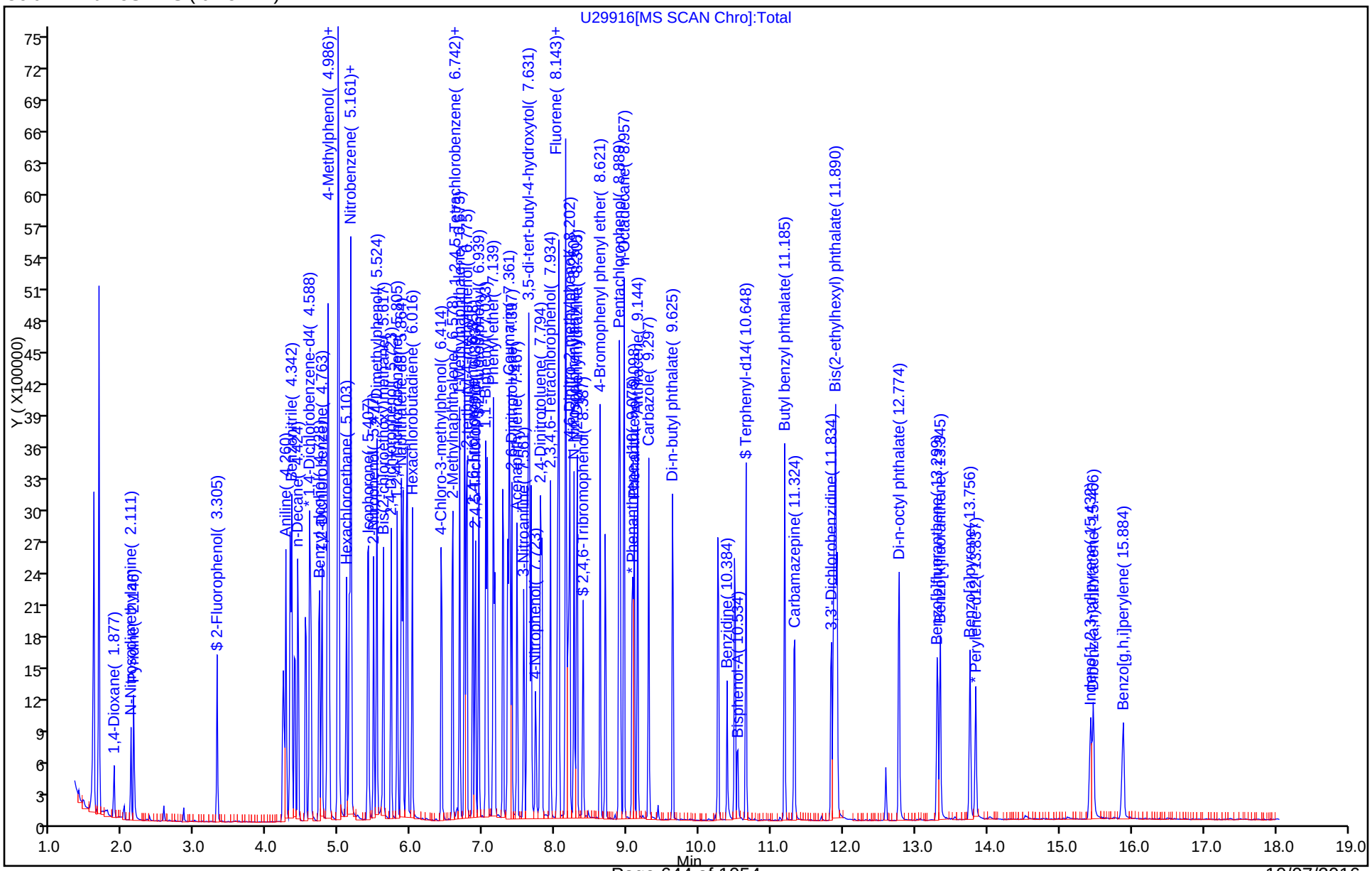
Report Date: 05-Oct-2016 14:15:36 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29916.D

Injection Date:	04-Oct-2016 02:16:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	LCS 460-394513/2-A			Worklist Smp#:	26
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-394654/2-A

Matrix: Water | Lab File ID: U29945.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/03/2016 20:21

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 12:58

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	50.4		1.0	0.12
541-73-1	1,3-Dichlorobenzene	43.1		10	1.1
106-46-7	1,4-Dichlorobenzene	44.9		10	0.66
95-50-1	1,2-Dichlorobenzene	44.5		10	0.83
621-64-7	N-Nitrosodi-n-propylamine	46.3		1.0	0.83
67-72-1	Hexachloroethane	41.0		1.0	0.090
98-95-3	Nitrobenzene	48.4		1.0	0.49
78-59-1	Isophorone	47.0		10	0.67
111-91-1	Bis(2-chloroethoxy)methane	53.9		10	0.69
120-82-1	1,2,4-Trichlorobenzene	43.4		1.0	0.61
91-20-3	Naphthalene	49.1		10	0.80
106-47-8	4-Chloroaniline	49.8		10	0.73
87-68-3	Hexachlorobutadiene	40.9		1.0	0.76
91-57-6	2-Methylnaphthalene	48.3		10	0.88
77-47-4	Hexachlorocyclopentadiene	41.6		10	0.61
91-58-7	2-Chloronaphthalene	53.4		10	0.61
88-74-4	2-Nitroaniline	56.0		10	0.65
131-11-3	Dimethyl phthalate	54.1		10	0.98
208-96-8	Acenaphthylene	51.6		10	0.65
606-20-2	2,6-Dinitrotoluene	55.3		2.0	0.88
99-09-2	3-Nitroaniline	49.8		10	0.82
83-32-9	Acenaphthene	46.8		10	0.88
132-64-9	Dibenzofuran	51.6		10	0.85
121-14-2	2,4-Dinitrotoluene	57.7		2.0	1.0
84-66-2	Diethyl phthalate	54.6		10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	55.6		10	0.96
86-73-7	Fluorene	51.2		10	0.80
100-01-6	4-Nitroaniline	53.4		10	0.48
86-30-6	N-Nitrosodiphenylamine	50.7		10	0.74
101-55-3	4-Bromophenyl phenyl ether	50.7		10	1.0
118-74-1	Hexachlorobenzene	54.6		1.0	0.47
85-01-8	Phenanthrene	52.5		10	0.65
120-12-7	Anthracene	49.1		10	0.57
86-74-8	Carbazole	50.6		10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-394654/2-A

Matrix: Water | Lab File ID: U29945.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/03/2016 20:21

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 12:58

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	53.7		10	0.82
206-44-0	Fluoranthene	52.8		10	0.72
129-00-0	Pyrene	57.3		10	0.83
85-68-7	Butyl benzyl phthalate	65.8		10	0.60
91-94-1	3,3'-Dichlorobenzidine	55.7		10	1.0
56-55-3	Benzo[a]anthracene	58.7		1.0	0.55
218-01-9	Chrysene	61.8		2.0	0.67
117-81-7	Bis(2-ethylhexyl) phthalate	62.1		2.0	0.72
117-84-0	Di-n-octyl phthalate	58.9		10	0.69
205-99-2	Benzo[b]fluoranthene	57.8		1.0	0.44
207-08-9	Benzo[k]fluoranthene	53.0		1.0	0.18
50-32-8	Benzo[a]pyrene	57.1		1.0	0.16
193-39-5	Indeno[1,2,3-cd]pyrene	69.1		1.0	0.21
53-70-3	Dibenz(a,h)anthracene	64.8		1.0	0.090
191-24-2	Benzo[g,h,i]perylene	64.6		10	0.75
108-60-1	bis (2-chloroisopropyl) ether	51.7		10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	59		49-125
1718-51-0	Terphenyl-d14	63		28-150
321-60-8	2-Fluorobiphenyl	62		44-129

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29945.D
Lims ID: LCS 460-394654/2-A
Client ID:
Sample Type: LCS
Inject. Date: 04-Oct-2016 12:58:30 ALS Bottle#: 55 Worklist Smp#: 55
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-055
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: croccom Date: 04-Oct-2016 14:20:22

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.861	1.885	-0.024	90	172001	10.0	3.58	M
	2 N-Nitrosodimethylamine	74	2.093	2.118	-0.025	82	255208	10.0	3.79	
	3 Pyridine	79	2.140	2.164	-0.024	96	355183	10.0	3.42	
$	4 2-Fluorophenol	112	3.295	3.317	-0.022	94	350748	10.0	3.34	
$	6 Phenol-d5	99	4.206	4.237	-0.031	88	321852	10.0	2.19	
	7 Phenol	94	4.217	4.249	-0.032	100	404495	10.0	2.89	
	8 Aniline	93	4.253	4.272	-0.019	95	919756	10.0	5.48	
	9 Bis(2-chloroethyl)ether	93	4.310	4.331	-0.021	93	782817	10.0	6.30	
	10 Benzonitrile	103	4.334	4.355	-0.021	97	1271693	10.0	7.09	
	11 2-Chlorophenol	128	4.367	4.401	-0.034	81	309647	10.0	5.62	
	12 n-Decane	43	4.414	4.437	-0.023	88	412337	10.0	5.27	
	13 1,3-Dichlorobenzene	146	4.531	4.542	-0.011	80	300795	10.0	5.38	
*	14 1,4-Dichlorobenzene-d4	152	4.578	4.592	-0.014	83	292808	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.600	4.613	-0.013	79	304102	10.0	5.61	
	17 Benzyl alcohol	108	4.717	4.730	-0.013	91	376322	10.0	5.54	
	18 1,2-Dichlorobenzene	146	4.752	4.765	-0.013	77	300179	10.0	5.56	
	19 2-Methylphenol	108	4.823	4.848	-0.025	90	450264	10.0	4.93	
	20 2,2'-oxybis[1-chloropropan	45	4.846	4.871	-0.025	92	772720	10.0	6.46	
	23 N-Methylaniline	106	4.975	4.989	-0.014	83	921517	10.0	6.72	
	24 Acetophenone	105	4.975	5.000	-0.025	89	838365	10.0	6.41	
	21 4-Methylphenol	108	4.975	5.012	-0.037	69	444004	10.0	4.54	
	25 N-Nitrosodi-n-propylamine	70	4.975	5.012	-0.037	72	407046	10.0	5.79	
	26 3 & 4 Methylphenol	108	4.975	5.012	-0.037	83	448619	NC	NC	
	27 Hexachloroethane	117	5.092	5.106	-0.014	85	253147	10.0	5.12	
$	28 Nitrobenzene-d5	82	5.127	5.153	-0.026	85	858500	10.0	5.93	
	30 n,n'-Dimethylaniline	120	5.151	5.177	-0.026	70	632498	10.0	5.85	
	29 Nitrobenzene	77	5.151	5.177	-0.026	89	899122	10.0	6.05	
	31 Isophorone	82	5.385	5.411	-0.026	98	1497493	10.0	5.88	
	32 2-Nitrophenol	139	5.467	5.493	-0.026	58	217847	10.0	6.31	
	33 2,4-Dimethylphenol	122	5.514	5.540	-0.026	79	370955	10.0	5.70	
	34 Bis(2-chloroethoxy)methane	93	5.606	5.622	-0.016	93	942152	10.0	6.73	
	35 Benzoic acid	122	5.583	5.669	-0.086	76	57708	10.0	1.62	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
36 2,4-Dichlorophenol	162	5.710	5.739	-0.029	78	285441	10.0	6.26	
37 1,2,4-Trichlorobenzene	180	5.802	5.820	-0.018	88	281519	10.0	5.43	
* 38 Naphthalene-d8	136	5.849	5.861	-0.012	94	1068165	8.00	8.00	
39 Naphthalene	128	5.873	5.890	-0.017	95	834211	10.0	6.13	
40 4-Chloroaniline	127	5.931	5.949	-0.018	88	456228	10.0	6.22	
41 Hexachlorobutadiene	225	6.001	6.020	-0.019	84	212357	10.0	5.11	
44 4-Chloro-3-methylphenol	107	6.409	6.430	-0.021	87	643083	10.0	6.13	
45 2-Methylnaphthalene	142	6.561	6.582	-0.021	75	616742	10.0	6.03	
46 1-Methylnaphthalene	142	6.665	6.687	-0.022	84	575022	10.0	6.01	
47 Hexachlorocyclopentadiene	237	6.734	6.745	-0.011	79	209840	10.0	5.21	
48 1,2,4,5-Tetrachlorobenzene	216	6.734	6.757	-0.023	90	342628	10.0	6.28	
49 2-tertbutyl-4-methylphenol	149	6.757	6.779	-0.022	72	517125	NC	NC	
50 2,4,6-Trichlorophenol	196	6.850	6.871	-0.021	79	226062	10.0	6.46	
51 2,4,5-Trichlorophenol	196	6.886	6.906	-0.020	84	226453	10.0	6.59	
$ 52 2-Fluorobiphenyl	172	6.933	6.953	-0.020	96	713163	10.0	6.22	
53 1,1'-Biphenyl	154	7.027	7.046	-0.019	97	766040	10.0	6.60	
54 2-Chloronaphthalene	162	7.050	7.068	-0.018	92	556384	10.0	6.67	
55 Phenyl ether	170	7.133	7.150	-0.017	82	436314	10.0	7.03	
57 2-Nitroaniline	65	7.145	7.174	-0.029	80	406062	10.0	7.00	
58 1,3-Dimethylnaphthalene	156	7.262	7.290	-0.028	84	500346	10.0	6.47	
59 Dimethyl phthalate	163	7.332	7.361	-0.029	92	769577	10.0	6.76	
60 Coumarin	146	7.355	7.384	-0.029	64	256620	10.0	7.33	
61 2,6-Dinitrotoluene	165	7.389	7.407	-0.018	79	182516	10.0	6.91	
62 Acenaphthylene	152	7.458	7.477	-0.019	94	787189	10.0	6.46	
63 3-Nitroaniline	138	7.552	7.582	-0.030	83	186926	10.0	6.22	
* 64 Acenaphthene-d10	164	7.599	7.609	-0.010	92	591742	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.623	7.640	-0.017	96	619797	NC	NC	
66 Acenaphthene	154	7.634	7.651	-0.017	94	601965	10.0	5.86	
67 2,4-Dinitrophenol	184	7.658	7.686	-0.028	79	187131	20.0	12.1	
69 4-Nitrophenol	65	7.716	7.745	-0.029	81	163565	20.0	5.24	
70 2,4-Dinitrotoluene	165	7.786	7.801	-0.015	79	256750	10.0	7.22	
71 Dibenzofuran	168	7.798	7.825	-0.027	88	788919	10.0	6.45	
72 2,3,4,6-Tetrachlorophenol	232	7.927	7.943	-0.016	90	219928	10.0	6.71	
73 Diethyl phthalate	149	8.020	8.047	-0.027	93	897911	10.0	6.83	
74 4-Chlorophenyl phenyl ethe	204	8.135	8.151	-0.016	74	385965	10.0	6.95	
75 Fluorene	166	8.135	8.162	-0.027	86	594469	10.0	6.40	
76 4-Nitroaniline	138	8.158	8.185	-0.027	77	177923	10.0	6.68	
77 4,6-Dinitro-2-methylphenol	198	8.193	8.220	-0.027	69	287479	20.0	14.0	
78 N-Nitrosodiphenylamine	169	8.252	8.278	-0.026	67	497920	10.0	6.33	
79 1,2-Diphenylhydrazine	77	8.287	8.313	-0.026	96	1383435	10.0	6.48	
$ 80 2,4,6-Tribromophenol	330	8.381	8.406	-0.025	89	146406	10.0	6.42	
81 4-Bromophenyl phenyl ether	248	8.613	8.637	-0.024	67	254311	10.0	6.34	
82 Hexachlorobenzene	284	8.693	8.707	-0.014	95	260620	10.0	6.82	
84 Pentachlorophenol	266	8.877	8.905	-0.028	85	307934	20.0	12.3	
85 Pentachloronitrobenzene	237	8.888	8.916	-0.028	80	173200	NC	NC	
86 n-Octadecane	57	8.946	8.961	-0.015	89	720385	10.0	6.95	
* 87 Phenanthrene-d10	188	9.064	9.080	-0.016	97	1002322	8.00	8.00	
88 Phenanthrene	178	9.087	9.110	-0.023	98	815722	10.0	6.56	
89 Anthracene	178	9.133	9.157	-0.024	94	814935	10.0	6.14	
90 Carbazole	167	9.284	9.307	-0.023	97	738018	10.0	6.33	
91 Di-n-butyl phthalate	149	9.621	9.646	-0.025	98	1353555	10.0	6.71	
92 Fluoranthene	202	10.254	10.273	-0.019	95	973442	10.0	6.59	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Benzidine	184	10.383	10.401	-0.018	98	329379	10.0	4.40	
94 Pyrene	202	10.488	10.506	-0.018	96	949755	10.0	7.17	
95 Bisphenol-A	213	10.524	10.540	-0.016	0	195988	NC	NC	
$ 96 Terphenyl-d14	244	10.639	10.666	-0.027	98	739098	10.0	6.31	
97 Butyl benzyl phthalate	149	11.176	11.192	-0.016	88	648577	10.0	8.23	
99 Carbamazepine	193	11.304	11.333	-0.029	87	425506	10.0	8.51	
100 3,3'-Dichlorobenzidine	252	11.817	11.849	-0.032	96	327528	10.0	6.96	
101 Benzo[a]anthracene	228	11.850	11.883	-0.033	99	793553	10.0	7.34	
* 102 Chrysene-d12	240	11.873	11.885	-0.012	98	761424	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.884	11.905	-0.021	91	679473	10.0	7.76	
104 Chrysene	228	11.907	11.928	-0.021	98	744311	10.0	7.72	
105 Di-n-octyl phthalate	149	12.758	12.783	-0.025	96	1227386	10.0	7.36	
106 Benzo[b]fluoranthene	252	13.292	13.320	-0.028	96	817082	10.0	7.23	
107 Benzo[k]fluoranthene	252	13.327	13.365	-0.038	97	706397	10.0	6.62	
108 Benzo[a]pyrene	252	13.746	13.774	-0.028	97	716494	10.0	7.13	
* 109 Perylene-d12	264	13.828	13.843	-0.015	98	711940	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.421	15.447	-0.026	97	761977	10.0	8.64	
111 Dibenz(a,h)anthracene	278	15.454	15.492	-0.038	97	614952	10.0	8.10	
112 Benzo[g,h,i]perylene	276	15.871	15.907	-0.036	96	704218	10.0	8.08	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

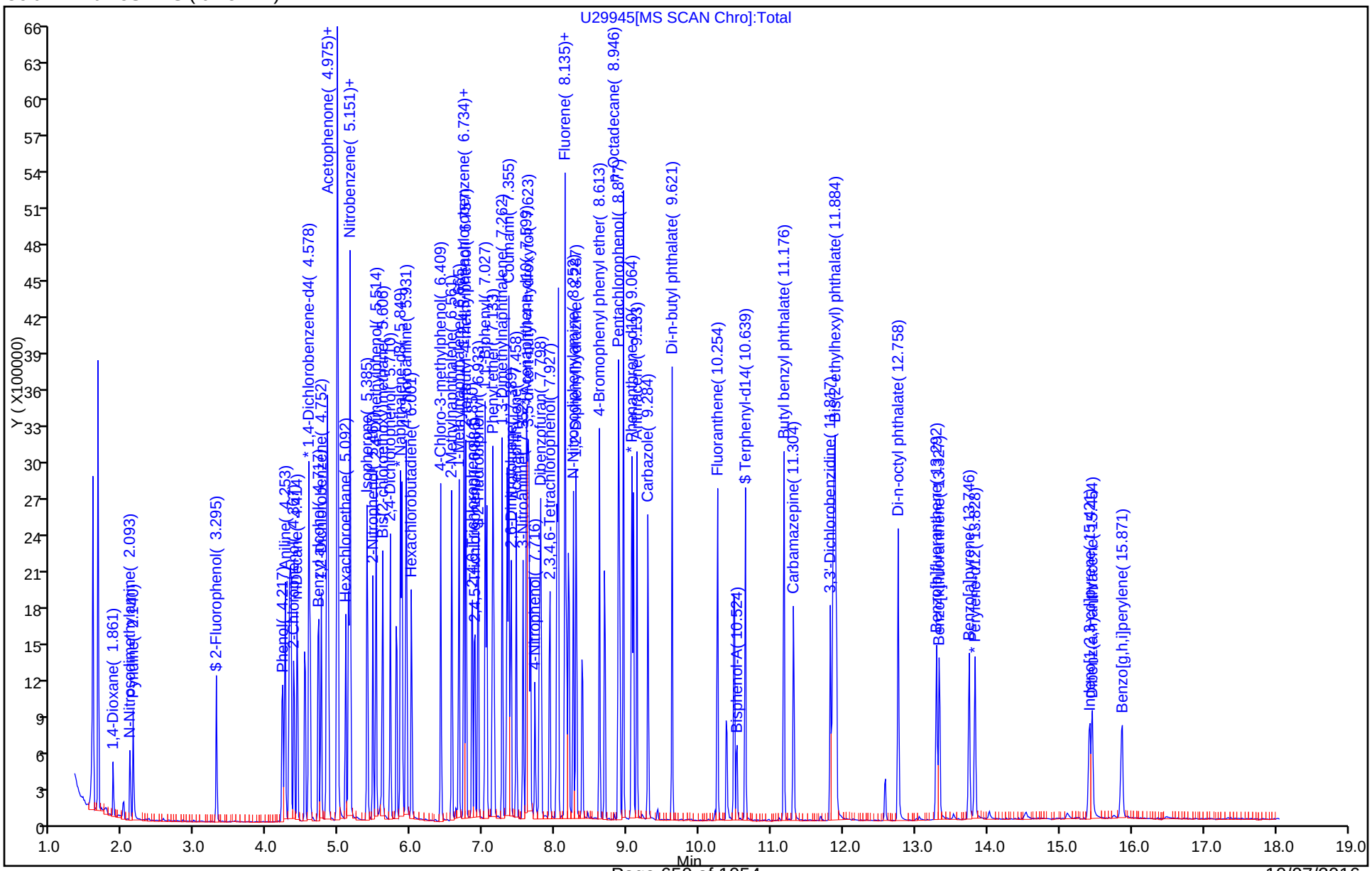
Report Date: 05-Oct-2016 14:19:54 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29945.D

Injection Date:	04-Oct-2016 12:58:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	LCS 460-394654/2-A			Worklist Smp#:	55
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	55
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-394513/3-A

Matrix: Water | Lab File ID: U29917.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 02:38

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	60.5		1.0	0.12
541-73-1	1,3-Dichlorobenzene	55.9		10	1.1
106-46-7	1,4-Dichlorobenzene	56.6		10	0.66
95-50-1	1,2-Dichlorobenzene	56.4		10	0.83
621-64-7	N-Nitrosodi-n-propylamine	57.9		1.0	0.83
67-72-1	Hexachloroethane	54.1		1.0	0.090
98-95-3	Nitrobenzene	60.0		1.0	0.49
78-59-1	Isophorone	62.2		10	0.67
111-91-1	Bis(2-chloroethoxy)methane	67.1		10	0.69
120-82-1	1,2,4-Trichlorobenzene	58.2		1.0	0.61
91-20-3	Naphthalene	63.8		10	0.80
106-47-8	4-Chloroaniline	62.4		10	0.73
87-68-3	Hexachlorobutadiene	57.9		1.0	0.76
91-57-6	2-Methylnaphthalene	62.0		10	0.88
77-47-4	Hexachlorocyclopentadiene	60.5		10	0.61
91-58-7	2-Chloronaphthalene	71.7		10	0.61
88-74-4	2-Nitroaniline	79.1		10	0.65
131-11-3	Dimethyl phthalate	68.8		10	0.98
208-96-8	Acenaphthylene	69.6		10	0.65
606-20-2	2,6-Dinitrotoluene	80.1		2.0	0.88
99-09-2	3-Nitroaniline	70.8		10	0.82
83-32-9	Acenaphthene	82.2		10	0.88
132-64-9	Dibenzofuran	70.3		10	0.85
121-14-2	2,4-Dinitrotoluene	80.9		2.0	1.0
84-66-2	Diethyl phthalate	73.6		10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	75.7		10	0.96
86-73-7	Fluorene	69.2		10	0.80
100-01-6	4-Nitroaniline	76.6		10	0.48
86-30-6	N-Nitrosodiphenylamine	69.2		10	0.74
101-55-3	4-Bromophenyl phenyl ether	69.7		10	1.0
118-74-1	Hexachlorobenzene	72.1		1.0	0.47
85-01-8	Phenanthrene	72.2		10	0.65
120-12-7	Anthracene	70.8		10	0.57
86-74-8	Carbazole	70.3		10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-394513/3-A

Matrix: Water | Lab File ID: U29917.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/03/2016 10:31

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 02:38

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	69.7		10	0.82
206-44-0	Fluoranthene	71.4		10	0.72
129-00-0	Pyrene	77.8		10	0.83
85-68-7	Butyl benzyl phthalate	81.0		10	0.60
91-94-1	3,3'-Dichlorobenzidine	72.7		10	1.0
56-55-3	Benzo[a]anthracene	74.3		1.0	0.55
218-01-9	Chrysene	79.1		2.0	0.67
117-81-7	Bis(2-ethylhexyl) phthalate	80.9		2.0	0.72
117-84-0	Di-n-octyl phthalate	73.8		10	0.69
205-99-2	Benzo[b]fluoranthene	75.2		1.0	0.44
207-08-9	Benzo[k]fluoranthene	69.8		1.0	0.18
50-32-8	Benzo[a]pyrene	74.4		1.0	0.16
193-39-5	Indeno[1,2,3-cd]pyrene	85.7		1.0	0.21
53-70-3	Dibenz(a,h)anthracene	81.0		1.0	0.090
191-24-2	Benzo[g,h,i]perylene	78.6		10	0.75
108-60-1	bis (2-chloroisopropyl) ether	57.7		10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	74		49-125
1718-51-0	Terphenyl-d14	84		28-150
321-60-8	2-Fluorobiphenyl	80		44-129

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29917.D
Lims ID: LCSD 460-394513/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 04-Oct-2016 02:38:30 ALS Bottle#: 27 Worklist Smp#: 27
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-027
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 12:52:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.876	1.885	-0.009	86	250733	10.0	4.54	
2 N-Nitrosodimethylamine	74	2.107	2.118	-0.011	88	358486	10.0	4.63	
3 Pyridine	79	2.142	2.164	-0.022	94	482783	10.0	4.05	
$ 4 2-Fluorophenol	112	3.307	3.317	-0.010	94	478683	10.0	3.97	
$ 6 Phenol-d5	99	4.215	4.237	-0.022	93	477596	10.0	2.83	
7 Phenol	94	4.227	4.249	-0.022	98	596997	10.0	3.72	
8 Aniline	93	4.262	4.272	-0.010	95	1275422	10.0	6.61	
9 Bis(2-chloroethyl)ether	93	4.320	4.331	-0.011	93	1079618	10.0	7.57	
10 Benzonitrile	103	4.344	4.355	-0.011	96	1715017	10.0	8.32	
11 2-Chlorophenol	128	4.379	4.401	-0.022	82	446233	10.0	7.05	
12 n-Decane	43	4.426	4.437	-0.011	87	597103	10.0	6.64	
13 1,3-Dichlorobenzene	146	4.532	4.542	-0.010	75	448363	10.0	6.98	
* 14 1,4-Dichlorobenzene-d4	152	4.590	4.592	-0.002	86	336386	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.601	4.613	-0.012	74	440562	10.0	7.08	
17 Benzyl alcohol	108	4.717	4.730	-0.013	92	544400	10.0	6.98	
18 1,2-Dichlorobenzene	146	4.764	4.765	-0.001	76	437539	10.0	7.05	
19 2-Methylphenol	108	4.834	4.848	-0.014	90	601068	10.0	5.73	
20 2,2'-oxybis[1-chloropropan	45	4.857	4.871	-0.014	91	990305	10.0	7.21	
23 N-Methylaniline	106	4.975	4.989	-0.014	82	1302928	10.0	8.26	
24 Acetophenone	105	4.986	5.000	-0.014	91	1137513	10.0	7.57	
21 4-Methylphenol	108	4.986	5.012	-0.026	68	618779	10.0	5.51	
25 N-Nitrosodi-n-propylamine	70	4.986	5.012	-0.026	91	584830	10.0	7.24	
26 3 & 4 Methylphenol	108	4.986	5.012	-0.026	83	619223	NC	NC	
27 Hexachloroethane	117	5.092	5.106	-0.014	85	384098	10.0	6.76	
$ 28 Nitrobenzene-d5	82	5.137	5.153	-0.016	86	1179637	10.0	7.40	
30 n,n'-Dimethylaniline	120	5.161	5.177	-0.016	74	922727	10.0	7.42	
29 Nitrobenzene	77	5.161	5.177	-0.016	90	1227180	10.0	7.50	
31 Isophorone	82	5.407	5.411	-0.004	98	2181886	10.0	7.78	
32 2-Nitrophenol	139	5.477	5.493	-0.016	62	311759	10.0	8.20	
33 2,4-Dimethylphenol	122	5.524	5.540	-0.016	79	539651	10.0	7.53	
34 Bis(2-chloroethoxy)methane	93	5.606	5.622	-0.016	94	1290917	10.0	8.38	
35 Benzoic acid	122	5.606	5.669	-0.063	84	100698	10.0	2.57	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
36 2,4-Dichlorophenol	162	5.723	5.739	-0.016	82	434943	10.0	8.66	
37 1,2,4-Trichlorobenzene	180	5.804	5.820	-0.016	88	415727	10.0	7.28	
* 38 Naphthalene-d8	136	5.863	5.861	0.002	95	1175931	8.00	8.00	
39 Naphthalene	128	5.887	5.890	-0.003	94	1193844	10.0	7.97	
40 4-Chloroaniline	127	5.934	5.949	-0.015	88	629232	10.0	7.80	
41 Hexachlorobutadiene	225	6.016	6.020	-0.004	89	330883	10.0	7.24	
44 4-Chloro-3-methylphenol	107	6.424	6.430	-0.006	87	958065	10.0	8.30	
45 2-Methylnaphthalene	142	6.576	6.582	-0.006	76	872657	10.0	7.75	
46 1-Methylnaphthalene	142	6.667	6.687	-0.020	82	803788	10.0	7.63	
47 Hexachlorocyclopentadiene	237	6.737	6.745	-0.008	89	334317	10.0	7.56	
48 1,2,4,5-Tetrachlorobenzene	216	6.749	6.757	-0.008	95	506939	10.0	8.47	
49 2-tertbutyl-4-methylphenol	149	6.772	6.779	-0.007	77	801807	NC	NC	
50 2,4,6-Trichlorophenol	196	6.854	6.871	-0.017	74	370759	10.0	9.66	
51 2,4,5-Trichlorophenol	196	6.889	6.906	-0.017	84	349529	10.0	9.28	
$ 52 2-Fluorobiphenyl	172	6.937	6.953	-0.016	94	1011968	10.0	8.04	
53 1,1'-Biphenyl	154	7.042	7.046	-0.004	97	1060169	10.0	8.32	
54 2-Chloronaphthalene	162	7.053	7.068	-0.015	87	819742	10.0	8.96	
55 Phenyl ether	170	7.134	7.150	-0.016	78	604742	10.0	8.88	
57 2-Nitroaniline	65	7.157	7.174	-0.017	80	629663	10.0	9.89	
58 1,3-Dimethylnaphthalene	156	7.271	7.290	-0.019	84	729349	10.0	8.59	
59 Dimethyl phthalate	163	7.342	7.361	-0.019	89	1074349	10.0	8.60	
60 Coumarin	146	7.365	7.384	-0.019	64	359622	10.0	9.33	
61 2,6-Dinitrotoluene	165	7.401	7.407	-0.006	82	289871	10.0	10.0	
62 Acenaphthylene	152	7.471	7.477	-0.006	94	1164440	10.0	8.70	
63 3-Nitroaniline	138	7.565	7.582	-0.017	82	291752	10.0	8.85	
* 64 Acenaphthene-d10	164	7.611	7.609	0.002	92	649272	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.623	7.640	-0.017	94	938692	NC	NC	
66 Acenaphthene	154	7.645	7.651	-0.006	97	1159483	10.0	10.3	
67 2,4-Dinitrophenol	184	7.668	7.686	-0.018	69	347843	20.0	20.5	
69 4-Nitrophenol	65	7.726	7.745	-0.019	79	244013	20.0	7.12	
70 2,4-Dinitrotoluene	165	7.796	7.801	-0.005	82	394797	10.0	10.1	
71 Dibenzofuran	168	7.808	7.825	-0.017	89	1180560	10.0	8.79	
72 2,3,4,6-Tetrachlorophenol	232	7.935	7.943	-0.008	87	334377	10.0	9.30	
73 Diethyl phthalate	149	8.028	8.047	-0.019	92	1327635	10.0	9.20	
74 4-Chlorophenyl phenyl ethe	204	8.145	8.151	-0.006	77	576591	10.0	9.47	
75 Fluorene	166	8.145	8.162	-0.017	91	881878	10.0	8.65	
76 4-Nitroaniline	138	8.180	8.185	-0.005	75	280103	10.0	9.58	
77 4,6-Dinitro-2-methylphenol	198	8.202	8.220	-0.018	62	471526	20.0	21.5	
78 N-Nitrosodiphenylamine	169	8.260	8.278	-0.018	68	723352	10.0	8.64	
79 1,2-Diphenylhydrazine	77	8.295	8.313	-0.018	97	1994713	10.0	8.78	
$ 80 2,4,6-Tribromophenol	330	8.389	8.406	-0.017	91	228185	10.0	9.13	
81 4-Bromophenyl phenyl ether	248	8.622	8.637	-0.015	71	371670	10.0	8.71	
82 Hexachlorobenzene	284	8.692	8.707	-0.015	86	366544	10.0	9.01	
84 Pentachlorophenol	266	8.891	8.905	-0.014	85	508027	20.0	19.1	
85 Pentachloronitrobenzene	237	8.902	8.916	-0.014	82	259595	NC	NC	
86 n-Octadecane	57	8.948	8.961	-0.013	90	1021032	10.0	9.26	
* 87 Phenanthrene-d10	188	9.064	9.080	-0.016	96	1066550	8.00	8.00	
88 Phenanthrene	178	9.098	9.110	-0.012	98	1194079	10.0	9.02	
89 Anthracene	178	9.144	9.157	-0.013	94	1250329	10.0	8.85	
90 Carbazole	167	9.296	9.307	-0.011	97	1090176	10.0	8.78	
91 Di-n-butyl phthalate	149	9.632	9.646	-0.014	98	1870175	10.0	8.71	
92 Fluoranthene	202	10.263	10.273	-0.010	96	1402498	10.0	8.93	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Benzidine	184	10.381	10.401	-0.020	97	248413	10.0	3.12	
94 Pyrene	202	10.487	10.506	-0.019	94	1358373	10.0	9.72	
95 Bisphenol-A	213	10.533	10.540	-0.007	0	274411	NC	NC	
$ 96 Terphenyl-d14	244	10.649	10.666	-0.017	98	1035563	10.0	8.39	
97 Butyl benzyl phthalate	149	11.185	11.192	-0.007	88	841092	10.0	10.1	
99 Carbamazepine	193	11.314	11.333	-0.019	87	580559	10.0	11.0	
100 3,3'-Dichlorobenzidine	252	11.829	11.849	-0.020	95	450713	10.0	9.09	
101 Benzo[a]anthracene	228	11.862	11.883	-0.021	99	1058451	10.0	9.28	
* 102 Chrysene-d12	240	11.874	11.885	-0.011	98	802610	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.896	11.905	-0.009	91	933129	10.0	10.1	
104 Chrysene	228	11.907	11.928	-0.021	98	1005086	10.0	9.89	
105 Di-n-octyl phthalate	149	12.768	12.783	-0.015	97	1660504	10.0	9.23	
106 Benzo[b]fluoranthene	252	13.303	13.320	-0.017	96	1146365	10.0	9.40	
107 Benzo[k]fluoranthene	252	13.338	13.365	-0.027	97	1004100	10.0	8.72	
108 Benzo[a]pyrene	252	13.759	13.774	-0.015	97	1008511	10.0	9.30	
* 109 Perylene-d12	264	13.839	13.843	-0.004	98	768312	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.435	15.447	-0.012	96	1020604	10.0	10.7	
111 Dibenz(a,h)anthracene	278	15.468	15.492	-0.024	96	829294	10.0	10.1	
112 Benzo[g,h,i]perylene	276	15.887	15.907	-0.020	96	924060	10.0	9.82	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 05-Oct-2016 14:15:41 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29917.D

Injection Date: 04-Oct-2016 02:38:30 Instrument ID: CBNAMS4 Operator ID:

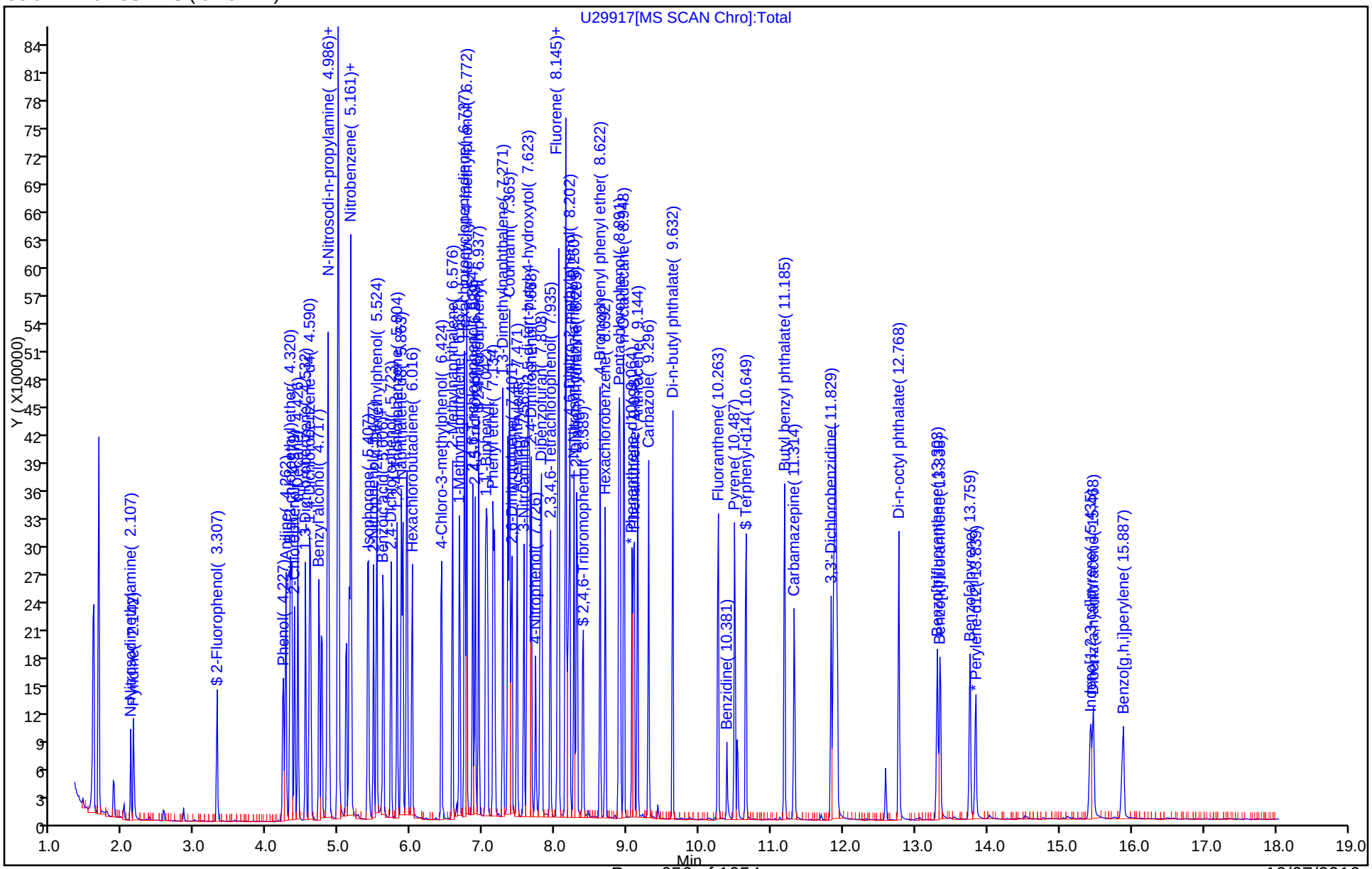
Lims ID: LCSD 460-394513/3-A Worklist Smp#: 27

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 27

Method: 8270LVI_R4 Limit Group: SV 625 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-394654/3-A

Matrix: Water | Lab File ID: U29942.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/03/2016 20:21

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 11:52

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	54.7		1.0	0.12
541-73-1	1,3-Dichlorobenzene	48.6		10	1.1
106-46-7	1,4-Dichlorobenzene	48.5		10	0.66
95-50-1	1,2-Dichlorobenzene	48.5		10	0.83
621-64-7	N-Nitrosodi-n-propylamine	52.4		1.0	0.83
67-72-1	Hexachloroethane	46.0		1.0	0.090
98-95-3	Nitrobenzene	54.6		1.0	0.49
78-59-1	Isophorone	53.8		10	0.67
111-91-1	Bis(2-chloroethoxy)methane	58.2		10	0.69
120-82-1	1,2,4-Trichlorobenzene	49.3		1.0	0.61
91-20-3	Naphthalene	53.7		10	0.80
106-47-8	4-Chloroaniline	52.3		10	0.73
87-68-3	Hexachlorobutadiene	48.9		1.0	0.76
91-57-6	2-Methylnaphthalene	54.0		10	0.88
77-47-4	Hexachlorocyclopentadiene	44.6		10	0.61
91-58-7	2-Chloronaphthalene	55.4		10	0.61
88-74-4	2-Nitroaniline	58.0		10	0.65
131-11-3	Dimethyl phthalate	58.4		10	0.98
208-96-8	Acenaphthylene	57.6		10	0.65
606-20-2	2,6-Dinitrotoluene	59.8		2.0	0.88
99-09-2	3-Nitroaniline	57.5		10	0.82
83-32-9	Acenaphthene	60.4		10	0.88
132-64-9	Dibenzofuran	55.9		10	0.85
121-14-2	2,4-Dinitrotoluene	60.0		2.0	1.0
84-66-2	Diethyl phthalate	60.1		10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	60.6		10	0.96
86-73-7	Fluorene	56.6		10	0.80
100-01-6	4-Nitroaniline	58.8		10	0.48
86-30-6	N-Nitrosodiphenylamine	59.0		10	0.74
101-55-3	4-Bromophenyl phenyl ether	61.2		10	1.0
118-74-1	Hexachlorobenzene	58.0		1.0	0.47
85-01-8	Phenanthrene	58.3		10	0.65
120-12-7	Anthracene	56.0		10	0.57
86-74-8	Carbazole	57.4		10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-394654/3-A

Matrix: Water | Lab File ID: U29942.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/03/2016 20:21

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 11:52

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394601 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	58.7		10	0.82
206-44-0	Fluoranthene	61.2		10	0.72
129-00-0	Pyrene	64.8		10	0.83
85-68-7	Butyl benzyl phthalate	66.9		10	0.60
91-94-1	3,3'-Dichlorobenzidine	59.2		10	1.0
56-55-3	Benzo[a]anthracene	63.3		1.0	0.55
218-01-9	Chrysene	67.1		2.0	0.67
117-81-7	Bis(2-ethylhexyl) phthalate	67.2		2.0	0.72
117-84-0	Di-n-octyl phthalate	66.5		10	0.69
205-99-2	Benzo[b]fluoranthene	57.8		1.0	0.44
207-08-9	Benzo[k]fluoranthene	69.0		1.0	0.18
50-32-8	Benzo[a]pyrene	65.1		1.0	0.16
193-39-5	Indeno[1,2,3-cd]pyrene	70.6		1.0	0.21
53-70-3	Dibenz(a,h)anthracene	75.0		1.0	0.090
191-24-2	Benzo[g,h,i]perylene	70.9		10	0.75
108-60-1	bis (2-chloroisopropyl) ether	55.0		10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	68		49-125
1718-51-0	Terphenyl-d14	67		28-150
321-60-8	2-Fluorobiphenyl	60		44-129

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29942.D
Lims ID: LCSD 460-394654/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 04-Oct-2016 11:52:30 ALS Bottle#: 52 Worklist Smp#: 52
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046376-052
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 05-Oct-2016 14:14:45 Calib Date: 03-Oct-2016 22:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29906.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: zhaoc Date: 04-Oct-2016 17:30:44

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.866	1.885	-0.019	76	289042	10.0	5.84	
2 N-Nitrosodimethylamine	74	2.100	2.118	-0.018	88	297436	10.0	4.29	
3 Pyridine	79	2.135	2.164	-0.029	92	382541	10.0	3.58	
$ 4 2-Fluorophenol	112	3.301	3.317	-0.016	94	404345	10.0	3.74	
$ 6 Phenol-d5	99	4.211	4.237	-0.026	93	405767	10.0	2.68	
7 Phenol	94	4.246	4.249	-0.003	56	121026	10.0	0.8412	
8 Aniline	93	4.246	4.272	-0.026	96	999487	10.0	5.78	
9 Bis(2-chloroethyl)ether	93	4.305	4.331	-0.026	96	873526	10.0	6.83	
10 Benzonitrile	103	4.328	4.355	-0.027	96	1394559	10.0	7.55	
11 2-Chlorophenol	128	4.375	4.401	-0.026	82	356106	10.0	6.28	
12 n-Decane	43	4.422	4.437	-0.015	87	494431	10.0	6.14	
13 1,3-Dichlorobenzene	146	4.527	4.542	-0.015	76	349337	10.0	6.07	
* 14 1,4-Dichlorobenzene-d4	152	4.586	4.592	-0.006	85	301431	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.597	4.613	-0.016	76	338608	10.0	6.07	
17 Benzyl alcohol	108	4.715	4.730	-0.015	91	428587	10.0	6.13	
18 1,2-Dichlorobenzene	146	4.750	4.765	-0.015	74	337117	10.0	6.06	
19 2-Methylphenol	108	4.832	4.848	-0.016	89	507574	10.0	5.40	
20 2,2'-oxybis[1-chloropropan	45	4.855	4.871	-0.016	92	846303	10.0	6.88	
23 N-Methylaniline	106	4.972	4.989	-0.017	80	1027511	10.0	7.27	
24 Acetophenone	105	4.983	5.000	-0.017	90	987272	10.0	7.34	
21 4-Methylphenol	108	4.983	5.012	-0.029	74	514725	10.0	5.12	
25 N-Nitrosodi-n-propylamine	70	4.983	5.012	-0.029	72	474025	10.0	6.55	
26 3 & 4 Methylphenol	108	4.983	5.012	-0.029	77	519725	NC	NC	
27 Hexachloroethane	117	5.088	5.106	-0.018	81	292531	10.0	5.75	
$ 28 Nitrobenzene-d5	82	5.135	5.153	-0.018	85	993358	10.0	6.76	
30 n,n'-Dimethylaniline	120	5.158	5.177	-0.019	90	729208	10.0	6.55	
29 Nitrobenzene	77	5.158	5.177	-0.019	90	1030568	10.0	6.83	
31 Isophorone	82	5.391	5.411	-0.020	98	1740720	10.0	6.73	
32 2-Nitrophenol	139	5.473	5.493	-0.020	65	258399	10.0	7.37	
33 2,4-Dimethylphenol	122	5.520	5.540	-0.020	78	415567	10.0	6.29	
34 Bis(2-chloroethoxy)methane	93	5.601	5.622	-0.021	95	1033924	10.0	7.28	
35 Benzoic acid	122	5.589	5.669	-0.080	77	59716	10.0	1.65	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
36 2,4-Dichlorophenol	162	5.716	5.739	-0.023	81	316889	10.0	6.84	
37 1,2,4-Trichlorobenzene	180	5.798	5.820	-0.022	87	324631	10.0	6.16	
* 38 Naphthalene-d8	136	5.856	5.861	-0.005	96	1084535	8.00	8.00	
39 Naphthalene	128	5.880	5.890	-0.010	96	927633	10.0	6.72	
40 4-Chloroaniline	127	5.927	5.949	-0.022	86	486402	10.0	6.54	
41 Hexachlorobutadiene	225	6.009	6.020	-0.011	90	257977	10.0	6.12	
44 4-Chloro-3-methylphenol	107	6.416	6.430	-0.014	87	751807	10.0	7.06	
45 2-Methylnaphthalene	142	6.568	6.582	-0.014	76	701334	10.0	6.76	
46 1-Methylnaphthalene	142	6.662	6.687	-0.025	84	645008	10.0	6.64	
47 Hexachlorocyclopentadiene	237	6.732	6.745	-0.013	88	242673	10.0	5.58	
48 1,2,4,5-Tetrachlorobenzene	216	6.732	6.757	-0.025	85	390263	10.0	6.63	
49 2-tertbutyl-4-methylphenol	149	6.766	6.779	-0.013	75	623134	NC	NC	
50 2,4,6-Trichlorophenol	196	6.846	6.871	-0.025	71	259600	10.0	6.87	
51 2,4,5-Trichlorophenol	196	6.879	6.906	-0.027	79	254811	10.0	6.87	
$ 52 2-Fluorobiphenyl	172	6.927	6.953	-0.026	94	742570	10.0	6.00	
53 1,1'-Biphenyl	154	7.032	7.046	-0.014	96	926612	10.0	7.39	
54 2-Chloronaphthalene	162	7.055	7.068	-0.013	98	623523	10.0	6.93	
55 Phenyl ether	170	7.137	7.150	-0.013	81	502640	10.0	7.50	
57 2-Nitroaniline	65	7.148	7.174	-0.026	80	453833	10.0	7.25	
58 1,3-Dimethylnaphthalene	156	7.264	7.290	-0.026	84	607644	10.0	7.27	
59 Dimethyl phthalate	163	7.334	7.361	-0.027	91	897578	10.0	7.30	
60 Coumarin	146	7.358	7.384	-0.026	64	282909	10.0	7.96	
61 2,6-Dinitrotoluene	165	7.393	7.407	-0.014	78	213052	10.0	7.48	
62 Acenaphthylene	152	7.464	7.477	-0.013	95	948134	10.0	7.20	
63 3-Nitroaniline	138	7.557	7.582	-0.025	82	232987	10.0	7.18	
* 64 Acenaphthene-d10	164	7.604	7.609	-0.005	92	638775	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.616	7.640	-0.024	94	673698	NC	NC	
66 Acenaphthene	154	7.639	7.651	-0.012	96	838323	10.0	7.55	
67 2,4-Dinitrophenol	184	7.662	7.686	-0.024	86	218857	20.0	13.1	
69 4-Nitrophenol	65	7.721	7.745	-0.024	78	209867	20.0	6.22	
70 2,4-Dinitrotoluene	165	7.779	7.801	-0.022	76	287970	10.0	7.50	
71 Dibenzofuran	168	7.803	7.825	-0.022	89	922817	10.0	6.99	
72 2,3,4,6-Tetrachlorophenol	232	7.930	7.943	-0.013	92	260308	10.0	7.36	
73 Diethyl phthalate	149	8.022	8.047	-0.025	93	1066071	10.0	7.51	
74 4-Chlorophenyl phenyl ethe	204	8.140	8.151	-0.011	78	453982	10.0	7.58	
75 Fluorene	166	8.140	8.162	-0.022	91	709259	10.0	7.07	
76 4-Nitroaniline	138	8.163	8.185	-0.022	77	211549	10.0	7.35	
77 4,6-Dinitro-2-methylphenol	198	8.186	8.220	-0.034	51	325002	20.0	15.9	
78 N-Nitrosodiphenylamine	169	8.256	8.278	-0.022	66	576918	10.0	7.38	
79 1,2-Diphenylhydrazine	77	8.291	8.313	-0.022	96	1671017	10.0	7.87	
$ 80 2,4,6-Tribromophenol	330	8.384	8.406	-0.022	85	162603	10.0	6.61	
81 4-Bromophenyl phenyl ether	248	8.617	8.637	-0.020	77	305253	10.0	7.66	
82 Hexachlorobenzene	284	8.687	8.707	-0.020	87	275244	10.0	7.24	
84 Pentachlorophenol	266	8.874	8.905	-0.031	82	355843	20.0	14.3	
85 Pentachloronitrobenzene	237	8.897	8.916	-0.019	84	204061	NC	NC	
86 n-Octadecane	57	8.943	8.961	-0.018	90	804269	10.0	7.81	
* 87 Phenanthrene-d10	188	9.060	9.080	-0.020	95	996560	8.00	8.00	
88 Phenanthrene	178	9.083	9.110	-0.027	97	901916	10.0	7.29	
89 Anthracene	178	9.130	9.157	-0.027	94	923938	10.0	7.00	
90 Carbazole	167	9.294	9.307	-0.013	98	832537	10.0	7.18	
91 Di-n-butyl phthalate	149	9.622	9.646	-0.024	98	1470120	10.0	7.33	
92 Fluoranthene	202	10.254	10.273	-0.019	95	1122083	10.0	7.65	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Benzidine	184	10.371	10.401	-0.030	97	176768	10.0	2.37	
94 Pyrene	202	10.487	10.506	-0.019	95	1087036	10.0	8.10	
95 Bisphenol-A	213	10.522	10.540	-0.018	0	238601	NC	NC	
$ 96 Terphenyl-d14	244	10.637	10.666	-0.029	98	793453	10.0	6.69	
97 Butyl benzyl phthalate	149	11.169	11.192	-0.023	85	667200	10.0	8.36	
99 Carbamazepine	193	11.309	11.333	-0.024	86	479447	10.0	9.46	
100 3,3'-Dichlorobenzidine	252	11.820	11.849	-0.029	96	352845	10.0	7.40	
101 Benzo[a]anthracene	228	11.854	11.883	-0.029	98	867038	10.0	7.91	
* 102 Chrysene-d12	240	11.865	11.885	-0.020	98	771188	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.887	11.905	-0.018	91	745220	10.0	8.40	
104 Chrysene	228	11.899	11.928	-0.029	98	818450	10.0	8.38	
105 Di-n-octyl phthalate	149	12.760	12.783	-0.023	96	1362554	10.0	8.32	
106 Benzo[b]fluoranthene	252	13.297	13.320	-0.023	95	802548	10.0	7.23	
107 Benzo[k]fluoranthene	252	13.331	13.365	-0.034	97	903791	10.0	8.62	
108 Benzo[a]pyrene	252	13.751	13.774	-0.023	97	803477	10.0	8.14	
* 109 Perylene-d12	264	13.832	13.843	-0.011	98	699502	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.414	15.447	-0.033	97	764603	10.0	8.82	
111 Dibenz(a,h)anthracene	278	15.459	15.492	-0.033	99	699124	10.0	9.37	
112 Benzo[g,h,i]perylene	276	15.867	15.907	-0.040	96	759191	10.0	8.86	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 05-Oct-2016 14:19:44 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161003-46376.b\U29942.D

Injection Date: 04-Oct-2016 11:52:30 Instrument ID: CBNAMS4 Operator ID:

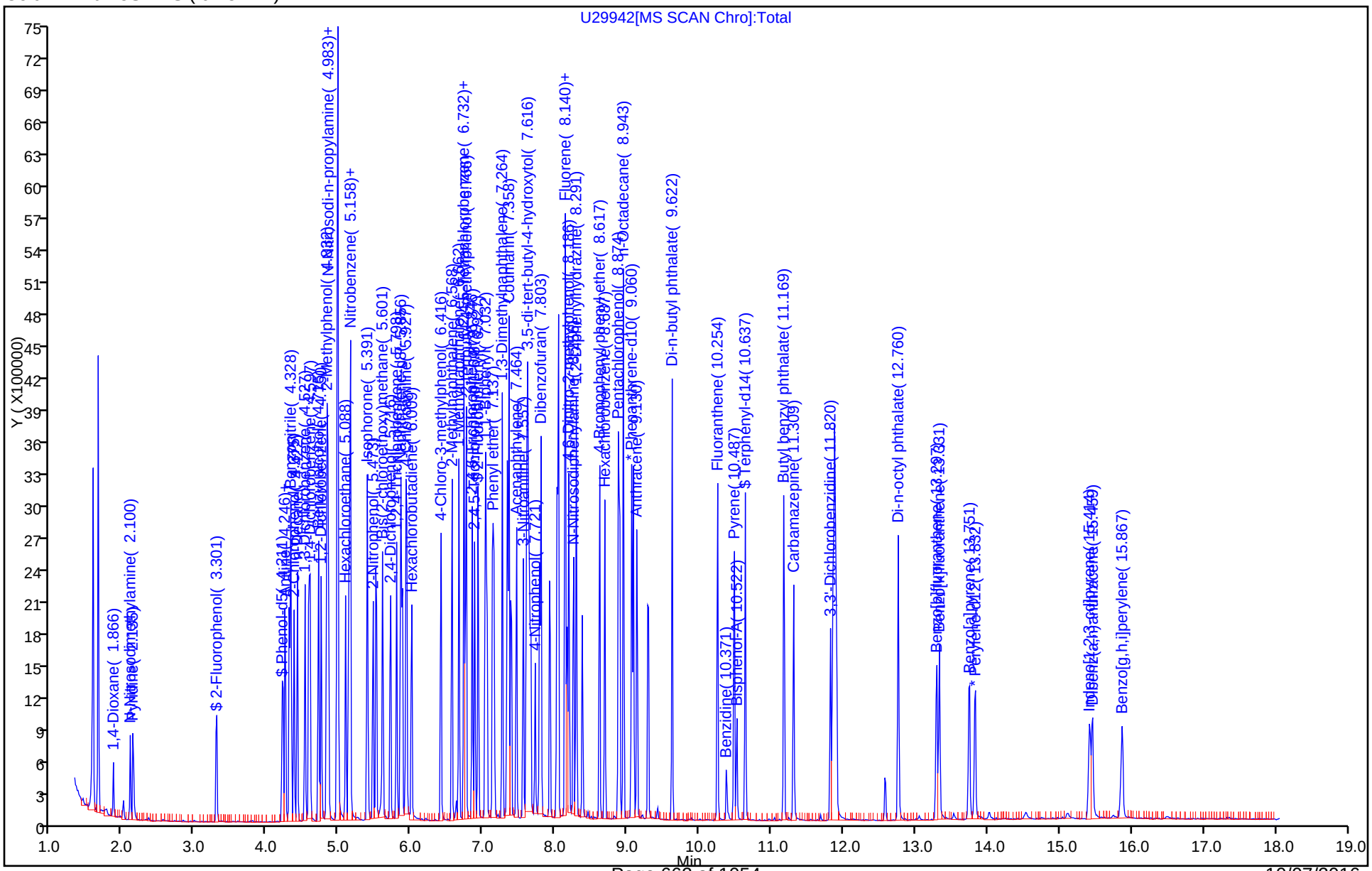
Lims ID: LCSD 460-394654/3-A Worklist Smp#: 52

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 52

Method: 8270LVI_R4 Limit Group: SV 625 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Instrument ID: CBNAMS4 Start Date: 10/03/2016 16:06

Analysis Batch Number: 394601 End Date: 10/04/2016 14:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-394601/1		10/03/2016 16:06	1	U29891.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-394601/2		10/03/2016 16:32	1	U29892.D	Rtxi-5Sil MS 0.25(mm)
STD24 460-394601/3 IC		10/03/2016 17:13	1	U29893.D	Rtxi-5Sil MS 0.25(mm)
STD16 460-394601/4 IC		10/03/2016 17:35	1	U29894.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-394601/5 IC		10/03/2016 17:57	1	U29895.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-394601/6 IC		10/03/2016 18:20	1	U29896.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-394601/7 IC		10/03/2016 18:42	1	U29897.D	Rtxi-5Sil MS 0.25(mm)
STD02 460-394601/8 IC		10/03/2016 19:04	1	U29898.D	Rtxi-5Sil MS 0.25(mm)
STD01 460-394601/9 IC		10/03/2016 19:27	1	U29899.D	Rtxi-5Sil MS 0.25(mm)
STD10 460-394601/10 IC		10/03/2016 20:01	1	U29900.D	Rtxi-5Sil MS 0.25(mm)
STD24 460-394601/11 IC		10/03/2016 20:24	1	U29901.D	Rtxi-5Sil MS 0.25(mm)
STD16 460-394601/12 IC		10/03/2016 20:46	1	U29902.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-394601/13 IC		10/03/2016 21:08	1	U29903.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-394601/14 IC		10/03/2016 21:30	1	U29904.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-394601/15 IC		10/03/2016 21:53	1	U29905.D	Rtxi-5Sil MS 0.25(mm)
STD02 460-394601/16 IC		10/03/2016 22:15	1	U29906.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-394601/17		10/03/2016 22:37	1	U29907.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-394601/18		10/03/2016 22:59	1	U29908.D	Rtxi-5Sil MS 0.25(mm)
MB 460-394513/1-A		10/04/2016 01:54	1	U29915.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-394513/2-A		10/04/2016 02:16	1	U29916.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-394513/3-A		10/04/2016 02:38	1	U29917.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 03:00	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 03:22	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 03:44	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 04:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 04:28	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 04:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 05:12	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 05:35	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 05:57	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 06:19	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 06:41	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 07:03	1		Rtxi-5Sil MS 0.25(mm)
460-121167-1		10/04/2016 07:25	1	U29930.D	Rtxi-5Sil MS 0.25(mm)
460-121167-2		10/04/2016 07:48	1	U29931.D	Rtxi-5Sil MS 0.25(mm)
460-121167-3		10/04/2016 08:10	1	U29932.D	Rtxi-5Sil MS 0.25(mm)
460-121167-4		10/04/2016 08:32	1	U29933.D	Rtxi-5Sil MS 0.25(mm)
460-121167-5		10/04/2016 08:54	1	U29934.D	Rtxi-5Sil MS 0.25(mm)
460-121167-6		10/04/2016 09:16	1	U29935.D	Rtxi-5Sil MS 0.25(mm)
460-121167-7		10/04/2016 09:38	1	U29936.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Instrument ID: CBNAMS4 Start Date: 10/03/2016 16:06

Analysis Batch Number: 394601 End Date: 10/04/2016 14:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
460-121167-8		10/04/2016 10:01	1	U29937.D	Rtxi-5Sil MS 0.25(mm)
460-121167-9		10/04/2016 10:23	1	U29938.D	Rtxi-5Sil MS 0.25(mm)
460-121167-10		10/04/2016 10:45	1	U29939.D	Rtxi-5Sil MS 0.25(mm)
MB 460-394654/1-A		10/04/2016 11:07	1	U29940.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-394654/3-A		10/04/2016 11:52	1	U29942.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 12:14	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 12:36	1		Rtxi-5Sil MS 0.25(mm)
LCS 460-394654/2-A		10/04/2016 12:58	1	U29945.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 13:21	1		Rtxi-5Sil MS 0.25(mm)
460-121167-11		10/04/2016 13:43	1	U29947.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/04/2016 14:05	5		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Batch Number: 394513 Batch Start Date: 10/03/16 10:30 Batch Analyst: Barthelus, Guyrlande R

Batch Method: 625 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	SecondAdjustpH	OP_BNA SPIK 00021
MB 460-394513/1		625, 625		250 mL	2 mL	7 SU	<2 SU	>12 SU	
LCS 460-394513/2		625, 625		250 mL	2 mL	7 SU	<2 SU	>12 SU	200 uL
LCSD 460-394513/3		625, 625		250 mL	2 mL	7 SU	<2 SU	>12 SU	200 uL
460-121167-F-1	MW-13D	625, 625	T	240 mL	2 mL	5 SU	<2 SU	>12 SU	
460-121167-F-2	MW-7B	625, 625	T	250 mL	2 mL	6 SU	<2 SU	>12 SU	
460-121167-E-3	MW-7D	625, 625	T	250 mL	2 mL	5 SU	<2 SU	>12 SU	
460-121167-D-4	MW-13	625, 625	T	239 mL	2 mL	6 SU	<2 SU	>12 SU	
460-121167-G-5	MW-8D	625, 625	T	250 mL	2 mL	5 SU	<2 SU	>12 SU	
460-121167-D-6	MW-3	625, 625	T	239 mL	2 mL	6 SU	<2 SU	>12 SU	
460-121167-E-7	MW-3 Filtered	625, 625	T	240 mL	2 mL	6 SU	<2 SU	>12 SU	
460-121167-D-8	MW-6	625, 625	T	250 mL	2 mL	5 SU	<2 SU	>12 SU	
460-121167-D-9	MW-6 Filtered	625, 625	T	250 mL	2 mL	5 SU	<2 SU	>12 SU	
460-121167-G-10	MW-8	625, 625	T	240 mL	2 mL	7 SU	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_BNASurroga 00010					
MB 460-394513/1		625, 625		200 uL					
LCS 460-394513/2		625, 625		200 uL					
LCSD 460-394513/3		625, 625		200 uL					
460-121167-F-1	MW-13D	625, 625	T	200 uL					
460-121167-F-2	MW-7B	625, 625	T	200 uL					
460-121167-E-3	MW-7D	625, 625	T	200 uL					
460-121167-D-4	MW-13	625, 625	T	200 uL					
460-121167-G-5	MW-8D	625, 625	T	200 uL					
460-121167-D-6	MW-3	625, 625	T	200 uL					
460-121167-E-7	MW-3 Filtered	625, 625	T	200 uL					
460-121167-D-8	MW-6	625, 625	T	200 uL					
460-121167-D-9	MW-6 Filtered	625, 625	T	200 uL					
460-121167-G-10	MW-8	625, 625	T	200 uL					

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/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Batch Number: 394513 Batch Start Date: 10/03/16 10:30 Batch Analyst: Barthelus, Guyrlande R

Batch Method: 625 Batch End Date:

Batch Notes	
Acid used for pH adjustment	H2SO4
Acid Used for pH Adjustment ID	143508
Base used for pH adjustment	NaOH
Base Used to Adjust pH ID	OP1873
Batch Comment	625_Prep_LVI
Analyst ID - Concentration	GB
N-evap ID	222299
N-evap Temperature	35 Degrees C
Na2SO4 ID	144042
Prep Solvent ID	151768
Prep Solvent Name	MECL2
Prep Solvent Volume Used	120 mL
Person's name who did the prep	GB
Analyst ID - Reagent Drop Witness	GB
Uncorrected N-evap Temperature	35 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Batch Number: 394654 Batch Start Date: 10/03/16 20:19 Batch Analyst: Rivera, Rene A

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	OP_BNA SPIK 00021
MB 460-394654/1		3510C, 625		7 SU	250 mL	2 mL	<2 SU	>12 SU	
LCS 460-394654/2		3510C, 625		7 SU	250 mL	2 mL	<2 SU	>12 SU	200 uL
LCSD 460-394654/3		3510C, 625		7 SU	250 mL	2 mL	<2 SU	>12 SU	200 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_BNASurroga 00010					
MB 460-394654/1		3510C, 625		200 uL					
LCS 460-394654/2		3510C, 625		200 uL					
LCSD 460-394654/3		3510C, 625		200 uL					

Batch Notes	
Acid used for pH adjustment	H2SO4
Acid Used for pH Adjustment ID	143508
Base used for pH adjustment	NaOH
Base Used to Adjust pH ID	OP1884
Batch Comment	3510C LVI 625
Analyst ID - Concentration	RAR
N-evap ID	222299
N-evap Temperature	35 Degrees C
Na2SO4 ID	144042
Prep Solvent ID	151768
Prep Solvent Name	MECL2
Prep Solvent Volume Used	120 mL
Person's name who did the prep	RAR
Analyst ID - Reagent Drop Witness	RAR
Uncorrected N-evap Temperature	35 Degrees C

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/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Batch Number: 394654 Batch Start Date: 10/03/16 20:19 Batch Analyst: Rivera, Rene A

Batch Method: 3510C Batch End Date:

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/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Batch Number: 394654 Batch Start Date: 10/03/16 20:19 Batch Analyst: Rivera, Rene A

Batch Method: 625 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	OP_BNASurroga 00010
460-121167-G-11	FB-20160929	625, 625	T	5 SU	250 mL	2 mL	<2 SU	>12 SU	200 uL

Batch Notes	
Acid used for pH adjustment	H2SO4
Acid Used for pH Adjustment ID	143508
Base used for pH adjustment	NaOH
Base Used to Adjust pH ID	OP1884
Batch Comment	3510C LVI 625
Analyst ID - Concentration	RAR
N-evap ID	222299
N-evap Temperature	35 Degrees C
Na2SO4 ID	144042
Prep Solvent ID	151768
Prep Solvent Name	MECL2
Prep Solvent Volume Used	120 mL
Person's name who did the prep	RAR
Analyst ID - Reagent Drop Witness	RAR
Uncorrected N-evap Temperature	35 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8082A

Polychlorinated Biphenyls (PCBs) by Gas Chromatography

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

Client Sample ID	Lab Sample ID	DCBP1 #	DCBP2 #
MW-13D	460-121167-1	106	104
MW-7B	460-121167-2	105	103
MW-7D	460-121167-3	109	101
MW-13 DL	460-121167-4 DL	123 D	110 D
MW-8D	460-121167-5	103	101
MW-3	460-121167-6	88	94
MW-3 Filtered	460-121167-7	100	105
MW-6	460-121167-8	94	95
MW-6 Filtered	460-121167-9	102	101
MW-8	460-121167-10	85	66
FB-20160929	460-121167-11	107	108
	MB 460-394557/1-A	113	105
	MB 460-394557/1-A RA	110	105
	LCS 460-394557/2-A	100	95
	LCS 460-394557/2-A RA	99	94
	LCSD 460-394557/3-A	91	87
	LCSD 460-394557/3-A RA	88	85

	QC LIMITS
DCBP = DCB Decachlorobiphenyl	10-150

Column to be used to flag recovery values

FORM II 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T1334125.D

Lab ID: LCS 460-394557/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	4.00	4.00	100	77-150	
Aroclor 1016	4.00	4.34	109	77-150	
Aroclor 1260	4.00	4.30	108	80-150	
Aroclor 1260	4.00	4.67	117	80-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T1334168.D

Lab ID: LCS 460-394557/2-A RA Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	4.00	3.87	97	77-150	
Aroclor 1016	4.00	4.08	102	77-150	
Aroclor 1260	4.00	4.26	107	80-150	
Aroclor 1260	4.00	4.54	114	80-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T1334126.D

Lab ID: LCSD 460-394557/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	4.00	3.59	90	11	30	77-150	
Aroclor 1016	4.00	3.86	97	12	30	77-150	
Aroclor 1260	4.00	3.92	98	9	30	80-150	
Aroclor 1260	4.00	4.24	106	10	30	80-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T1334165.D

Lab ID: LCSD 460-394557/3-A RA Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	4.00	3.57	89	8	30	77-150	
Aroclor 1016	4.00	3.77	94	8	30	77-150	
Aroclor 1260	4.00	3.78	94	12	30	80-150	
Aroclor 1260	4.00	4.04	101	12	30	80-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: MB 460-394557/1-A

Matrix: Water Date Extracted: 10/03/2016 13:55

Lab File ID:(1) T1334124.D Lab File ID:(2) T1334124.D

Date Analyzed:(1) 10/04/2016 14:24 Date Analyzed:(2) 10/04/2016 14:24

Instrument ID:(1) CPESTGC11 Instrument ID:(2) CPESTGC11

GC Column:(1) Rtx-CLP ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-394557/2-A	10/04/2016 14:39	10/04/2016 14:39
	LCSD 460-394557/3-A	10/04/2016 14:54	10/04/2016 14:54
MW-13D	460-121167-1	10/04/2016 16:01	10/04/2016 16:01
MW-7B	460-121167-2	10/04/2016 16:16	10/04/2016 16:16
MW-7D	460-121167-3	10/04/2016 16:31	10/04/2016 16:31
MW-8D	460-121167-5	10/04/2016 17:00	10/04/2016 17:00
MW-3	460-121167-6	10/04/2016 17:15	10/04/2016 17:15
MW-6	460-121167-8	10/04/2016 17:45	10/04/2016 17:45
MW-6 Filtered	460-121167-9	10/04/2016 18:00	10/04/2016 18:00
FB-20160929	460-121167-11	10/04/2016 18:30	10/04/2016 18:30

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: MB 460-394557/1-A

Matrix: Water Date Extracted: 10/03/2016 13:55

Lab File ID:(1) T1334169.D Lab File ID:(2) T1334169.D

Date Analyzed:(1) 10/05/2016 10:44 Date Analyzed:(2) 10/05/2016 10:44

Instrument ID:(1) CPESTGC11 Instrument ID:(2) CPESTGC11

GC Column:(1) Rtx-CLP ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
MW-3 Filtered	460-121167-7	10/05/2016 09:13	10/05/2016 09:13
	LCSD 460-394557/3-A RA	10/05/2016 09:43	10/05/2016 09:43
MW-13 DL	460-121167-4 DL	10/05/2016 10:00	10/05/2016 10:00
MW-8	460-121167-10	10/05/2016 10:14	10/05/2016 10:14
	LCS 460-394557/2-A RA	10/05/2016 10:29	10/05/2016 10:29

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Sample No.: IC 460-374290/4 Date Analyzed: 06/17/2016 17:18

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): T1329659.D Heated Purge: (Y/N) N

Calibration ID: 56313

		DCBP					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION SURROGATE		171272113	10.54				
UPPER LIMIT			10.61				
LOWER LIMIT			10.47				
LAB SAMPLE ID	CLIENT SAMPLE ID						

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Sample No.: IC 460-374290/4 Date Analyzed: 06/17/2016 17:18

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): T1329659.D Heated Purge: (Y/N) N

Calibration ID: 56314

		DCBP					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION SURROGATE		200322733	9.07				
UPPER LIMIT			9.14				
LOWER LIMIT			9.00				
LAB SAMPLE ID	CLIENT SAMPLE ID						

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Sample No.: CCVIS 460-394836/2 Date Analyzed: 10/04/2016 13:23

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): T1334122.D Heated Purge: (Y/N) N

Calibration ID: 56355

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		53483706	1.49				
UPPER LIMIT		106967412	1.56				
LOWER LIMIT		26741853	1.42				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-394557/1-A		48309587	1.49				
LCS 460-394557/2-A		47553381	1.49				
LCSD 460-394557/3-A		52221709	1.49				
CCV 460-394836/8		43991938	1.49				
460-121167-1	MW-13D	49003831	1.49				
460-121167-2	MW-7B	44573577	1.49				
460-121167-3	MW-7D	48228781	1.49				
460-121167-5	MW-8D	46793334	1.49				
460-121167-6	MW-3	47095677	1.49				
460-121167-8	MW-6	46883900	1.49				
460-121167-9	MW-6 Filtered	47106812	1.49				
460-121167-11	FB-20160929	44014788	1.49				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Sample No.: CCVIS 460-394836/2 Date Analyzed: 10/04/2016 13:23

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): T1334122.D Heated Purge: (Y/N) N

Calibration ID: 56356

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		54263474	1.32				
UPPER LIMIT		108526948	1.39				
LOWER LIMIT		27131737	1.25				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-394557/1-A		48128099	1.32				
LCS 460-394557/2-A		48895040	1.32				
LCSD 460-394557/3-A		54028787	1.32				
CCV 460-394836/8		44737858	1.32				
460-121167-1	MW-13D	51743527	1.32				
460-121167-2	MW-7B	45005232	1.32				
460-121167-3	MW-7D	48745419	1.32				
460-121167-5	MW-8D	47688592	1.32				
460-121167-6	MW-3	51256481	1.32				
460-121167-8	MW-6	49352728	1.32				
460-121167-9	MW-6 Filtered	48972577	1.32				
460-121167-11	FB-20160929	45918180	1.32				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Sample No.: CCVIS 460-395004/2 Date Analyzed: 10/05/2016 06:37

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): T1334153.D Heated Purge: (Y/N) N

Calibration ID: 56355

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		55915806	1.49				
UPPER LIMIT		111831612	1.56				
LOWER LIMIT		27957903	1.42				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 460-395004/3		44045331	1.49				
460-121167-7	MW-3 Filtered	47187479	1.49				
LCSD 460-394557/3-A RA		54329502	1.49				
460-121167-4 DL	MW-13 DL	47682495	1.49				
460-121167-10	MW-8	66075540	1.49				
LCS 460-394557/2-A RA		50896351	1.49				
MB 460-394557/1-A RA		51152161	1.49				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Sample No.: CCVIS 460-395004/2 Date Analyzed: 10/05/2016 06:37

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): T1334153.D Heated Purge: (Y/N) N

Calibration ID: 56356

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		57555136	1.32				
UPPER LIMIT		115110272	1.39				
LOWER LIMIT		28777568	1.25				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 460-395004/3		45213937	1.32				
460-121167-7	MW-3 Filtered	52642361	1.32				
LCSD 460-394557/3-A RA		56446780	1.32				
460-121167-4 DL	MW-13 DL	47179871	1.32				
460-121167-10	MW-8	54389264	1.32				
LCS 460-394557/2-A RA		53156677	1.32				
MB 460-394557/1-A RA		52790864	1.32				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-13 DL Lab Sample ID: 460-121167-4 DL

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 10/05/2016 10:00 Date Analyzed (2): 10/05/2016 10:00

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.28	2.25	2.31	16.4	35	7.7
		2	2.63	2.60	2.66	56.3		
		3	2.83	2.80	2.86	62.3		
		4	3.09	3.07	3.13	43.5		
		5	3.24	3.21	3.27	26.5		
		6	3.67	3.64	3.70	30.0		
		7	4.12	4.09	4.15	23.0		
		8	4.35	4.32	4.38	24.6		
	2	1	2.93	2.90	2.96	15.1	33	
		2	3.39	3.37	3.43	49.0		
		3	3.66	3.63	3.69	56.8		
		4	3.90	3.88	3.94	42.1		
		5	4.06	4.04	4.10	24.5		
		6	4.73	4.71	4.77	24.6		
		7	5.04	5.01	5.07	23.5		
		8	5.08	5.06	5.12	25.8		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-3 Lab Sample ID: 460-121167-6

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 10/04/2016 17:15 Date Analyzed (2): 10/04/2016 17:15

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	1	2.63	2.61	2.67	10.6	5.1	13.6
		2	3.10	3.07	3.13	3.62		
		3	3.44	3.42	3.48	6.85		
		4	3.76	3.73	3.79	6.48		
		5	4.12	4.10	4.16	5.23		
		6	4.35	4.33	4.39	2.83		
		7	4.77	4.75	4.81	2.56		
		8	5.36	5.34	5.40	2.42		
	2	1	3.38	3.36	3.42	11.1	5.8	
		2	3.90	3.88	3.94	3.54		
		3	4.30	4.28	4.34	6.04		
		4	4.34	4.32	4.38	7.38		
		5	4.73	4.71	4.77	6.38		
		6	5.03	5.01	5.07	4.09		
		7	5.08	5.06	5.12	4.99		
		8	6.14	6.13	6.19	2.98		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-8 Lab Sample ID: 460-121167-10

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 10/05/2016 10:14 Date Analyzed (2): 10/05/2016 10:14

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.28	2.25	2.31	0.620	0.62	17.8
		2	2.63	2.60	2.66	0.669		
		3	2.82	2.80	2.86	1.02		
		4	3.10	3.07	3.13	0.330		
		5	3.26	3.21	3.27	0.392		
		6	3.67	3.64	3.70	1.15		
		7	4.12	4.09	4.15	0.463		
		8	4.35	4.32	4.38	0.329		
	2	1	2.92	2.90	2.96	0.370	0.52	
		2	3.38	3.37	3.43	0.674		
		3	3.65	3.63	3.69	0.686		
		5	4.05	4.04	4.10	0.287		
		6	4.73	4.71	4.77	0.479		
		7	5.03	5.01	5.07	0.497		
		8	5.08	5.06	5.12	0.646		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-394557/2-A

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 10/04/2016 14:39 Date Analyzed (2): 10/04/2016 14:39

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.28	2.25	2.31	4.09	4.34	8.3
		2	2.63	2.60	2.66	4.47		
		3	2.83	2.80	2.86	4.43		
		4	3.10	3.07	3.13	4.06		
		5	3.24	3.21	3.27	4.28		
		6	3.30	3.27	3.33	4.17		
		7	3.67	3.64	3.70	4.37		
		8	3.76	3.73	3.79	4.87		
	2	1	2.92	2.89	2.95	3.80	4.00	
		2	3.39	3.36	3.42	3.96		
		3	3.66	3.63	3.69	3.96		
		4	3.90	3.87	3.93	3.82		
		5	4.06	4.03	4.09	3.90		
		6	4.30	4.27	4.33	4.21		
		7	4.60	4.57	4.63	4.11		
		8	4.73	4.70	4.76	4.23		
Aroclor 1260	1	1	4.98	4.95	5.01	4.67	4.67	8.1
		2	5.59	5.56	5.62	4.70		
		3	5.73	5.70	5.76	4.39		
		4	6.03	6.00	6.06	4.47		
		5	6.46	6.43	6.49	4.94		
		6	6.86	6.83	6.89	4.45		
		7	7.00	6.97	7.03	4.79		
		8	7.94	7.91	7.97	4.91		
	2	1	5.89	5.86	5.92	4.37	4.30	
		2	6.10	6.07	6.13	4.34		
		3	6.41	6.37	6.43	4.27		
		4	7.09	7.06	7.12	4.28		
		5	7.59	7.55	7.61	4.32		
		6	8.07	8.04	8.10	4.24		
		7	8.79	8.76	8.82	4.24		
		8	9.88	9.85	9.91	4.36		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-394557/2-A RA

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 10/05/2016 10:29 Date Analyzed (2): 10/05/2016 10:29

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.28	2.25	2.31	3.87	4.08	5.2
		2	2.63	2.60	2.66	4.21		
		3	2.83	2.80	2.86	4.09		
		4	3.10	3.07	3.13	3.83		
		5	3.24	3.21	3.27	4.01		
		6	3.30	3.27	3.33	3.87		
		7	3.67	3.64	3.70	4.12		
		8	3.76	3.73	3.79	4.62		
	2	1	2.92	2.89	2.95	3.72	3.87	
		2	3.39	3.36	3.42	3.80		
		3	3.66	3.63	3.69	3.74		
		4	3.90	3.87	3.93	3.68		
		5	4.06	4.03	4.09	3.80		
		6	4.30	4.27	4.33	4.08		
		7	4.59	4.57	4.63	4.03		
		8	4.73	4.71	4.77	4.13		
Aroclor 1260	1	1	4.98	4.95	5.01	4.43	4.54	6.4
		2	5.59	5.56	5.62	4.57		
		3	5.73	5.70	5.76	4.26		
		4	6.03	6.00	6.06	4.37		
		5	6.46	6.43	6.49	4.86		
		6	6.86	6.84	6.90	4.39		
		7	7.00	6.97	7.03	4.70		
		8	7.94	7.91	7.97	4.76		
	2	1	5.89	5.87	5.93	4.30	4.26	
		2	6.10	6.07	6.13	4.29		
		3	6.40	6.38	6.44	4.21		
		4	7.09	7.07	7.13	4.22		
		5	7.58	7.56	7.62	4.28		
		6	8.07	8.05	8.11	4.24		
		7	8.79	8.77	8.83	4.29		
		8	9.88	9.85	9.91	4.25		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-394557/3-A

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 10/04/2016 14:54 Date Analyzed (2): 10/04/2016 14:54

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.28	2.25	2.31	3.68	3.86	7.4
		2	2.63	2.60	2.66	3.84		
		3	2.83	2.80	2.86	3.91		
		4	3.10	3.07	3.13	3.65		
		5	3.24	3.21	3.27	3.84		
		6	3.30	3.27	3.33	3.75		
		7	3.67	3.64	3.70	3.93		
		8	3.76	3.73	3.79	4.31		
	2	1	2.92	2.89	2.95	3.44	3.59	
		2	3.39	3.36	3.42	3.54		
		3	3.66	3.63	3.69	3.45		
		4	3.90	3.87	3.93	3.42		
		5	4.06	4.03	4.09	3.49		
		6	4.30	4.27	4.33	3.83		
		7	4.59	4.57	4.63	3.73		
		8	4.73	4.70	4.76	3.82		
Aroclor 1260	1	1	4.98	4.95	5.01	4.25	4.24	7.8
		2	5.59	5.56	5.62	4.30		
		3	5.73	5.70	5.76	4.01		
		4	6.03	6.00	6.06	4.08		
		5	6.46	6.43	6.49	4.51		
		6	6.87	6.83	6.89	4.03		
		7	7.00	6.97	7.03	4.29		
		8	7.94	7.91	7.97	4.42		
	2	1	5.89	5.86	5.92	3.91	3.92	
		2	6.10	6.07	6.13	3.92		
		3	6.40	6.37	6.43	3.87		
		4	7.09	7.06	7.12	3.92		
		5	7.59	7.55	7.61	3.94		
		6	8.07	8.04	8.10	3.90		
		7	8.79	8.76	8.82	3.88		
		8	9.88	9.85	9.91	3.98		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-394557/3-A RA

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 10/05/2016 09:43 Date Analyzed (2): 10/05/2016 09:43

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.28	2.25	2.31	3.57	3.77	5.4
		2	2.63	2.60	2.66	3.78		
		3	2.83	2.80	2.86	3.80		
		4	3.10	3.07	3.13	3.57		
		5	3.24	3.21	3.27	3.70		
		6	3.30	3.27	3.33	3.57		
		7	3.67	3.64	3.70	3.78		
		8	3.76	3.73	3.79	4.35		
	2	1	2.92	2.89	2.95	3.45	3.57	
		2	3.39	3.36	3.42	3.53		
		3	3.65	3.63	3.69	3.53		
		4	3.90	3.87	3.93	3.43		
		5	4.06	4.03	4.09	3.53		
		6	4.30	4.27	4.33	3.79		
		7	4.59	4.57	4.63	3.63		
		8	4.73	4.71	4.77	3.68		
Aroclor 1260	1	1	4.98	4.95	5.01	3.98	4.04	6.6
		2	5.59	5.56	5.62	4.13		
		3	5.73	5.70	5.76	3.86		
		4	6.03	6.00	6.06	3.96		
		5	6.45	6.43	6.49	4.37		
		6	6.86	6.84	6.90	3.96		
		7	7.00	6.97	7.03	4.03		
		8	7.93	7.91	7.97	4.01		
	2	1	5.89	5.87	5.93	3.81	3.78	
		2	6.10	6.07	6.13	3.80		
		3	6.40	6.38	6.44	3.78		
		4	7.09	7.07	7.13	3.80		
		5	7.58	7.56	7.62	3.81		
		6	8.07	8.05	8.11	3.78		
		7	8.78	8.77	8.83	3.73		
		8	9.87	9.85	9.91	3.71		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-13D Lab Sample ID: 460-121167-1

Matrix: Water Lab File ID: T1334130.D

Analysis Method: 8082A Date Collected: 09/29/2016 09:30

Extraction Method: 3510C Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) Date Analyzed: 10/04/2016 16:01

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 394836 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334130.D
Lims ID: 460-121167-E-1-A
Client ID: MW-13D
Sample Type: Client
Inject. Date: 04-Oct-2016 16:01:44 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-010
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:25 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:02:20

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.487	1.487	0.000	49003831	20.0	
2	1.318	1.319	-0.001	51743527	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.457	10.453	0.004	182754291	104.3	
2	8.860	8.864	-0.004	263904594	106.0	
					RPD = 1.61	

Reagents:

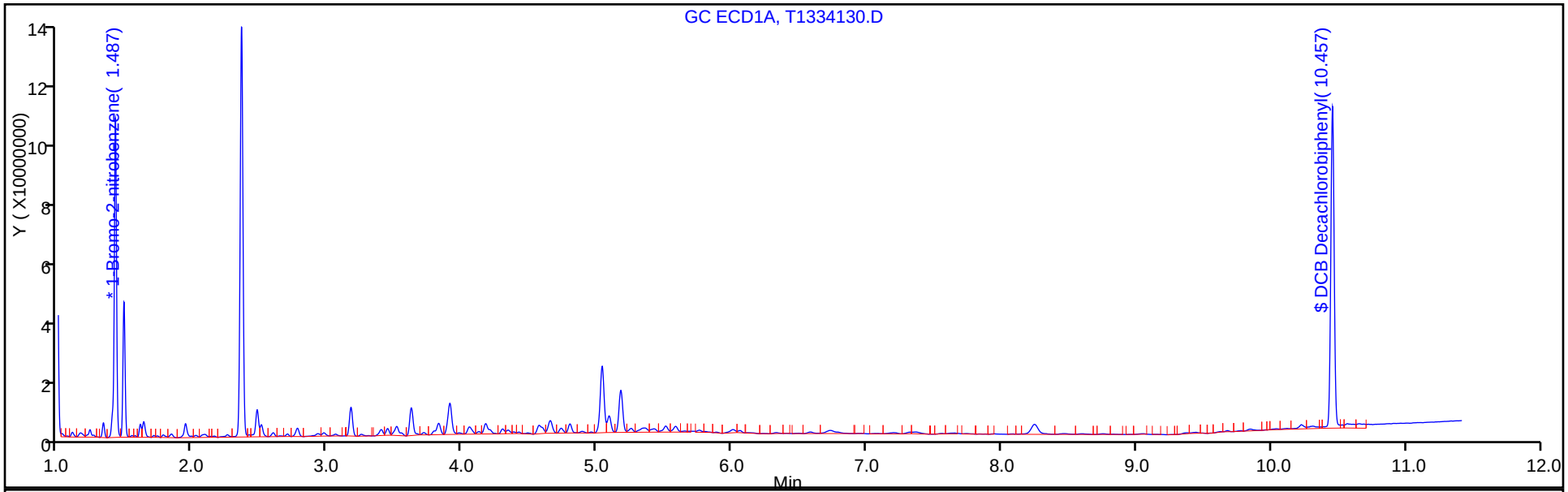
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

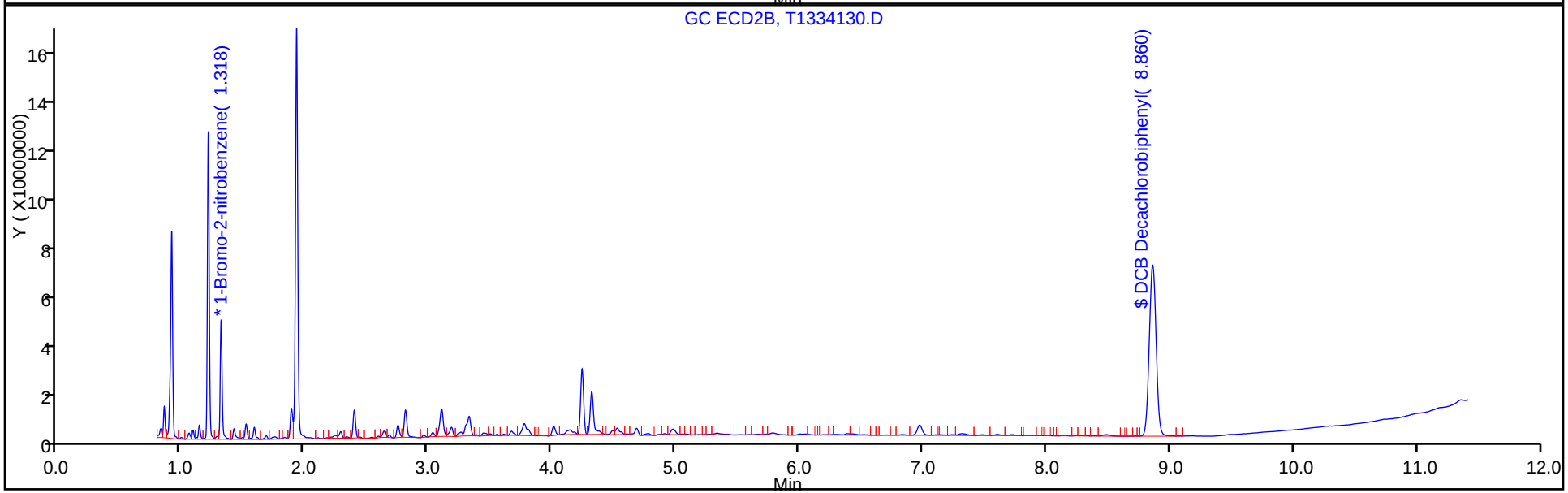
Report Date: 05-Oct-2016 10:43:37 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334130.D

Injection Date:	04-Oct-2016 16:01:44	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121167-E-1-A	Lab Sample ID:	460-121167-1	Worklist Smp#:	10
Client ID:	MW-13D				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-13D | Lab Sample ID: 460-121167-1

Matrix: Water | Lab File ID: T1334130.D

Analysis Method: 8082A | Date Collected: 09/29/2016 09:30

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 16:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394836 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.098	U	0.40	0.098
11104-28-2	Aroclor 1221	0.098	U	0.40	0.098
11141-16-5	Aroclor 1232	0.098	U	0.40	0.098
53469-21-9	Aroclor 1242	0.098	U	0.40	0.098
12672-29-6	Aroclor 1248	0.098	U	0.40	0.098
11097-69-1	Aroclor 1254	0.084	U	0.40	0.084
11096-82-5	Aroclor 1260	0.084	U	0.40	0.084
37324-23-5	Aroclor 1262	0.084	U	0.40	0.084
11100-14-4	Aroclor 1268	0.084	U	0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334130.D
Lims ID: 460-121167-E-1-A
Client ID: MW-13D
Sample Type: Client
Inject. Date: 04-Oct-2016 16:01:44 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-010
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:25 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:02:20

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.487	1.487	0.000	49003831	20.0	
2	1.318	1.319	-0.001	51743527	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.457	10.453	0.004	182754291	104.3	
2	8.860	8.864	-0.004	263904594	106.0	
					RPD = 1.61	

Reagents:

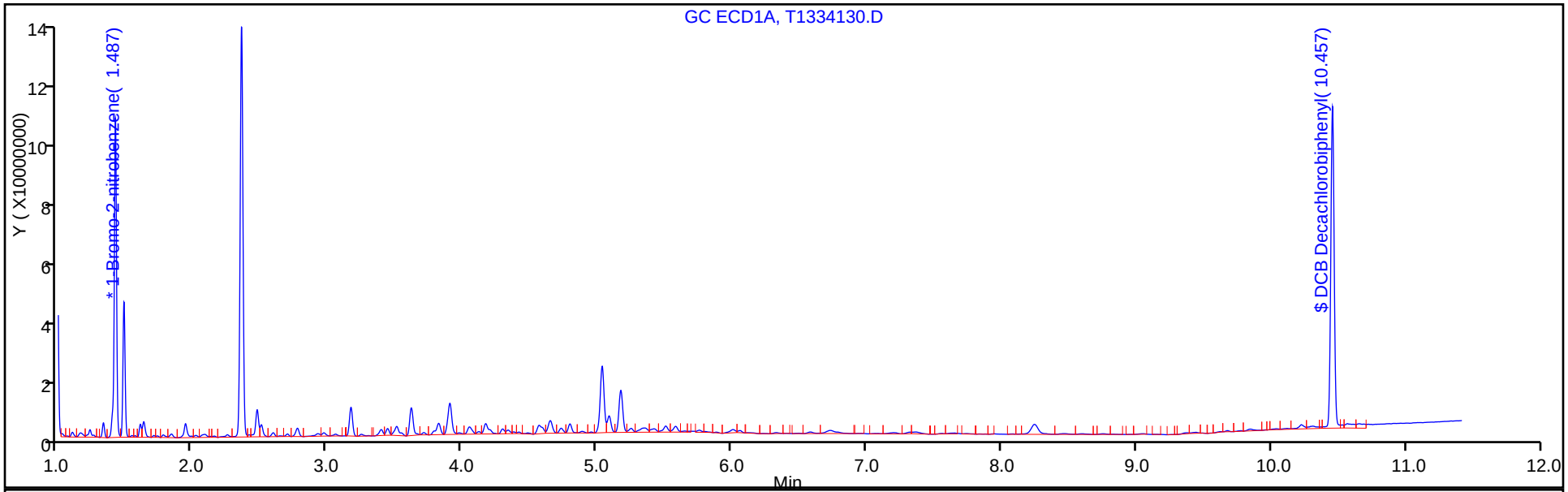
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

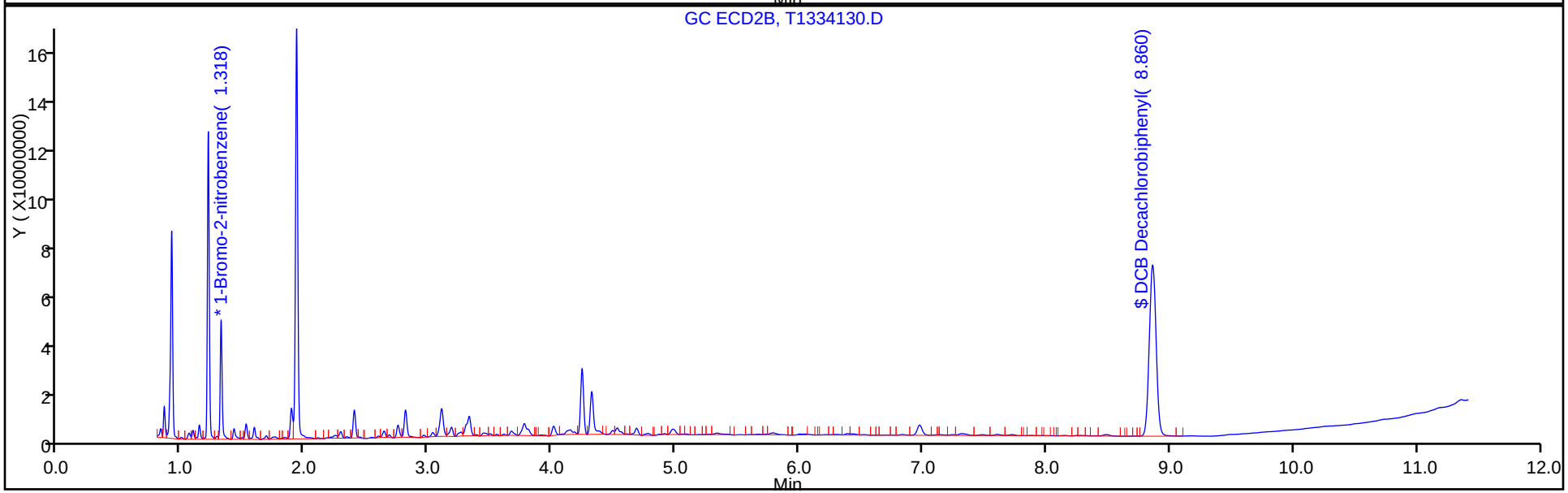
Report Date: 05-Oct-2016 10:43:37 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334130.D

Injection Date:	04-Oct-2016 16:01:44	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121167-E-1-A	Lab Sample ID:	460-121167-1	Worklist Smp#:	10
Client ID:	MW-13D				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-7B | Lab Sample ID: 460-121167-2

Matrix: Water | Lab File ID: T1334131.D

Analysis Method: 8082A | Date Collected: 09/29/2016 09:45

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 16:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394836 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334131.D
Lims ID: 460-121167-D-2-A
Client ID: MW-7B
Sample Type: Client
Inject. Date: 04-Oct-2016 16:16:31 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-011
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:25 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:02:12

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.487	1.487	0.000	44573577	20.0	
2	1.318	1.319	-0.001	45005232	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.451	10.453	-0.002	163792967	102.7	
2	8.856	8.864	-0.008	226585671	104.6	
					RPD = 1.80	

Reagents:

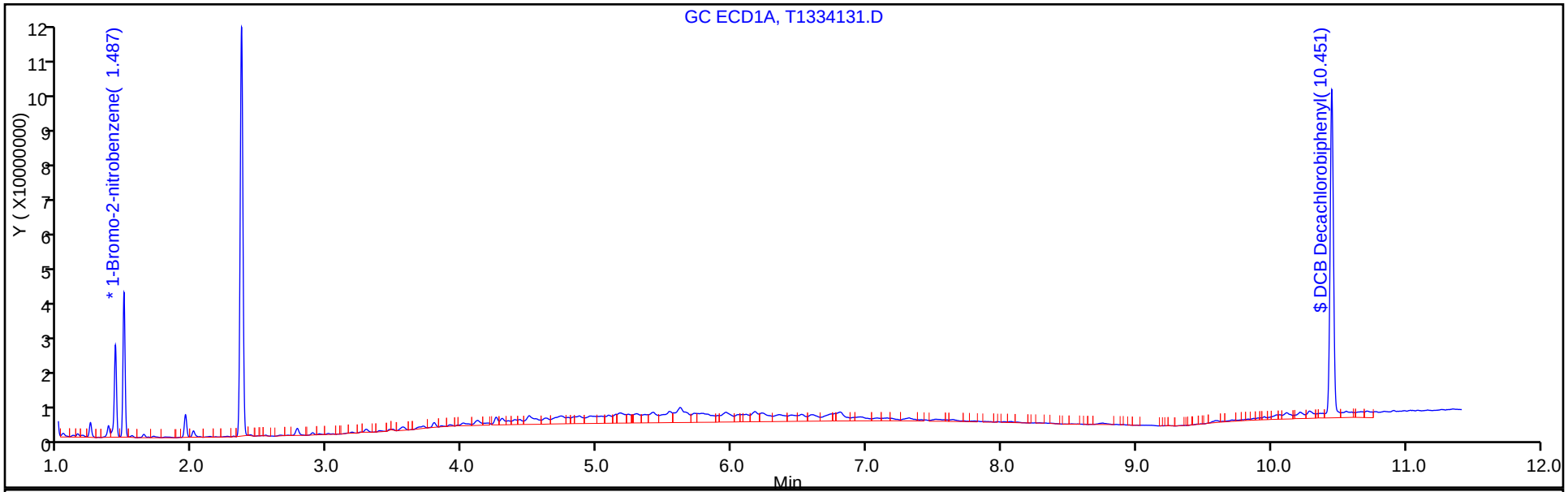
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

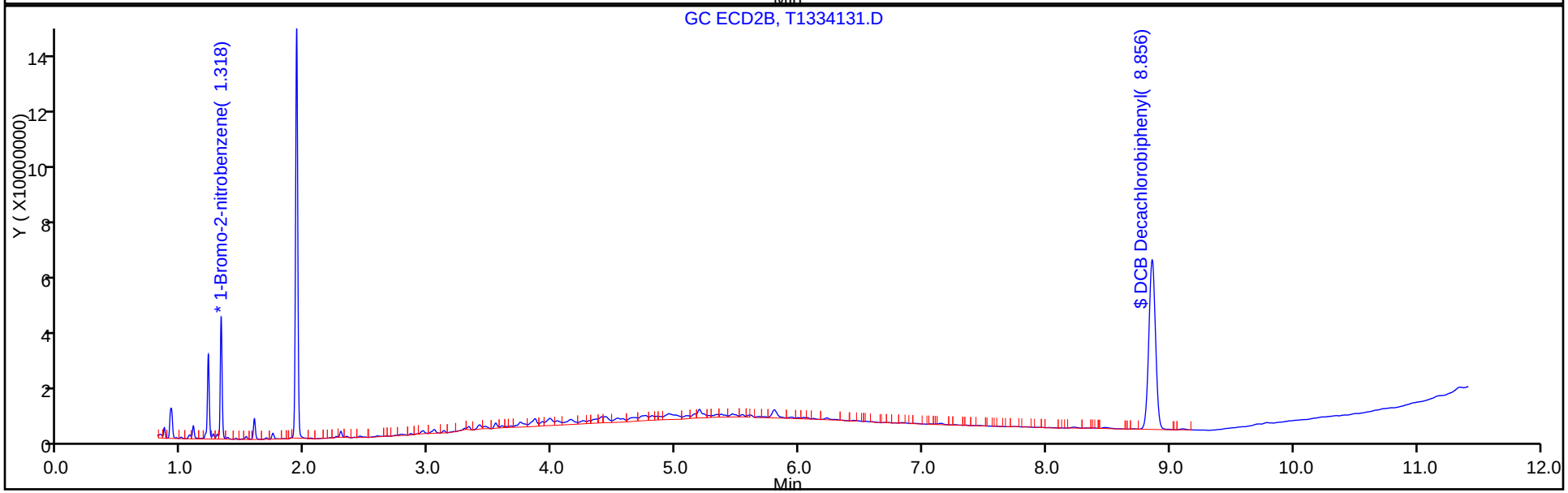
Report Date: 05-Oct-2016 10:43:39 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334131.D

Injection Date:	04-Oct-2016 16:16:31	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121167-D-2-A	Lab Sample ID:	460-121167-2	Worklist Smp#:	11
Client ID:	MW-7B				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-7B | Lab Sample ID: 460-121167-2

Matrix: Water | Lab File ID: T1334131.D

Analysis Method: 8082A | Date Collected: 09/29/2016 09:45

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 16:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394836 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.098	U	0.40	0.098
11104-28-2	Aroclor 1221	0.098	U	0.40	0.098
11141-16-5	Aroclor 1232	0.098	U	0.40	0.098
53469-21-9	Aroclor 1242	0.098	U	0.40	0.098
12672-29-6	Aroclor 1248	0.098	U	0.40	0.098
11097-69-1	Aroclor 1254	0.084	U	0.40	0.084
11096-82-5	Aroclor 1260	0.084	U	0.40	0.084
37324-23-5	Aroclor 1262	0.084	U	0.40	0.084
11100-14-4	Aroclor 1268	0.084	U	0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334131.D
Lims ID: 460-121167-D-2-A
Client ID: MW-7B
Sample Type: Client
Inject. Date: 04-Oct-2016 16:16:31 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-011
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:25 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:02:12

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.487	1.487	0.000	44573577	20.0	
2	1.318	1.319	-0.001	45005232	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.451	10.453	-0.002	163792967	102.7	
2	8.856	8.864	-0.008	226585671	104.6	
					RPD = 1.80	

Reagents:

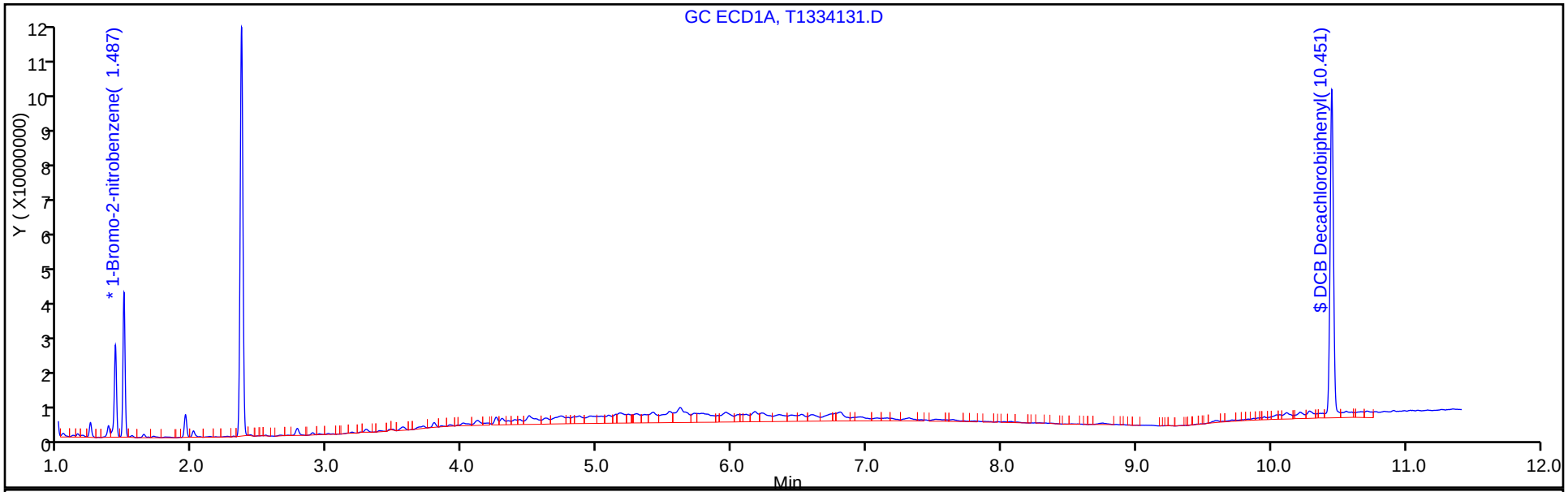
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

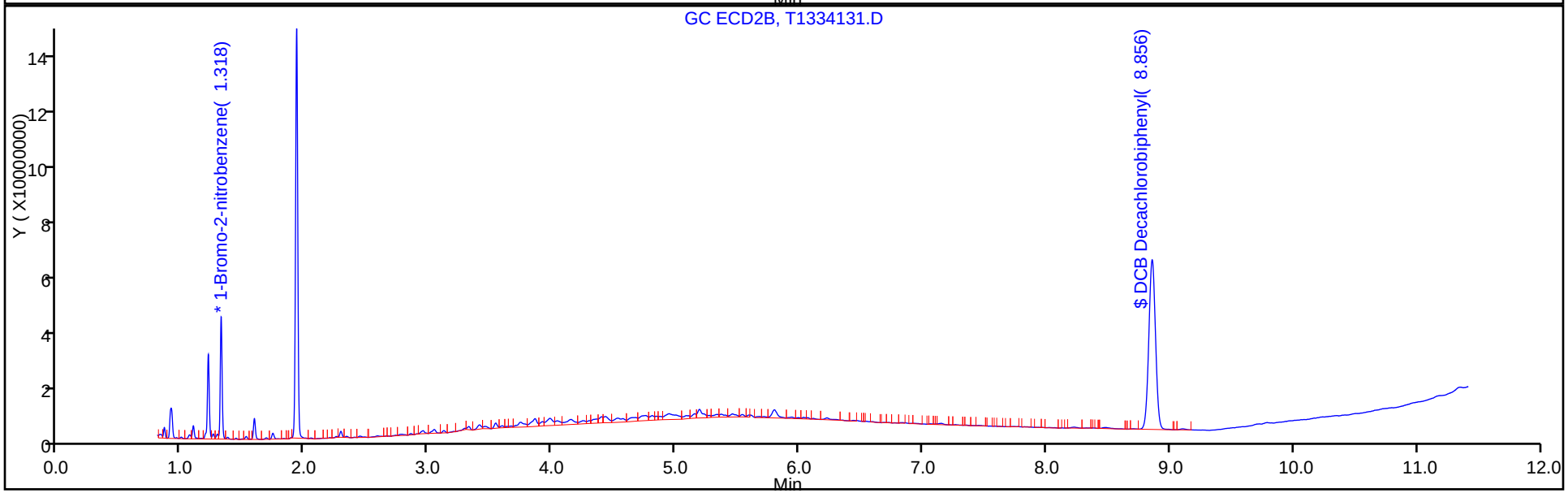
Report Date: 05-Oct-2016 10:43:40 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334131.D

Injection Date:	04-Oct-2016 16:16:31	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121167-D-2-A	Lab Sample ID:	460-121167-2	Worklist Smp#:	11
Client ID:	MW-7B				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-7D Lab Sample ID: 460-121167-3

Matrix: Water Lab File ID: T1334132.D

Analysis Method: 8082A Date Collected: 09/29/2016 11:05

Extraction Method: 3510C Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) Date Analyzed: 10/04/2016 16:31

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 394836 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334132.D
Lims ID: 460-121167-G-3-A
Client ID: MW-7D
Sample Type: Client
Inject. Date: 04-Oct-2016 16:31:20 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-012
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:25 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:02:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.488	1.487	0.001	48228781	20.0	
2	1.319	1.319	0.000	48745419	20.0	
				RPD =	0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.454	10.453	0.001	174779387	101.3	
2	8.861	8.864	-0.003	255480673	108.9	
				RPD =	7.20	

Reagents:

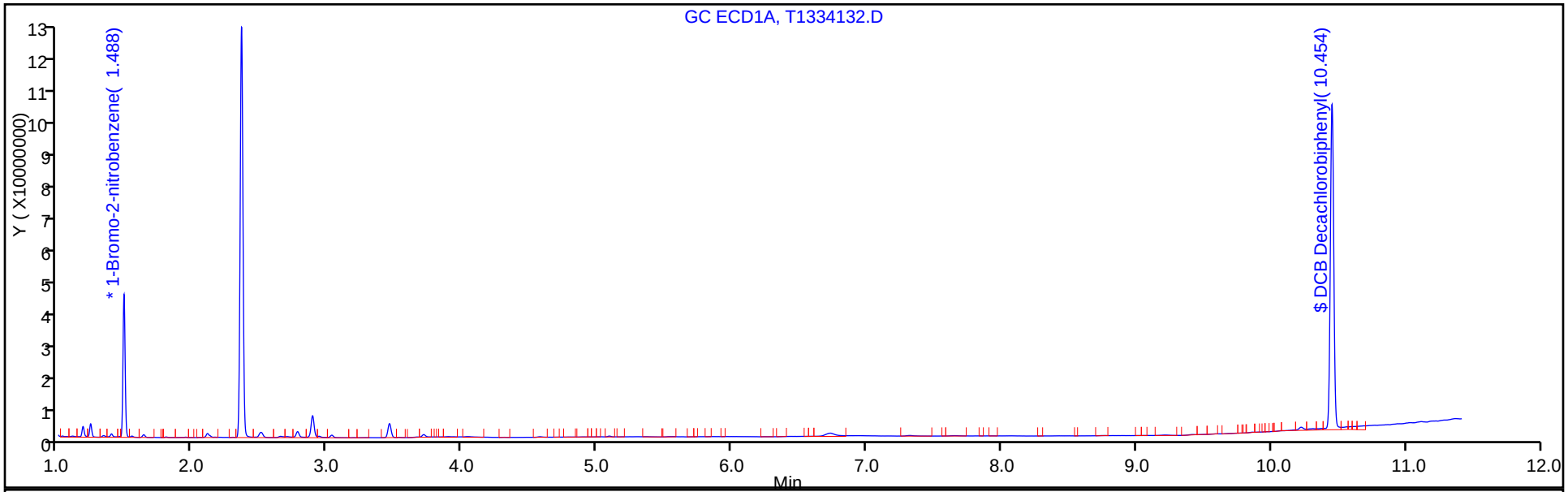
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

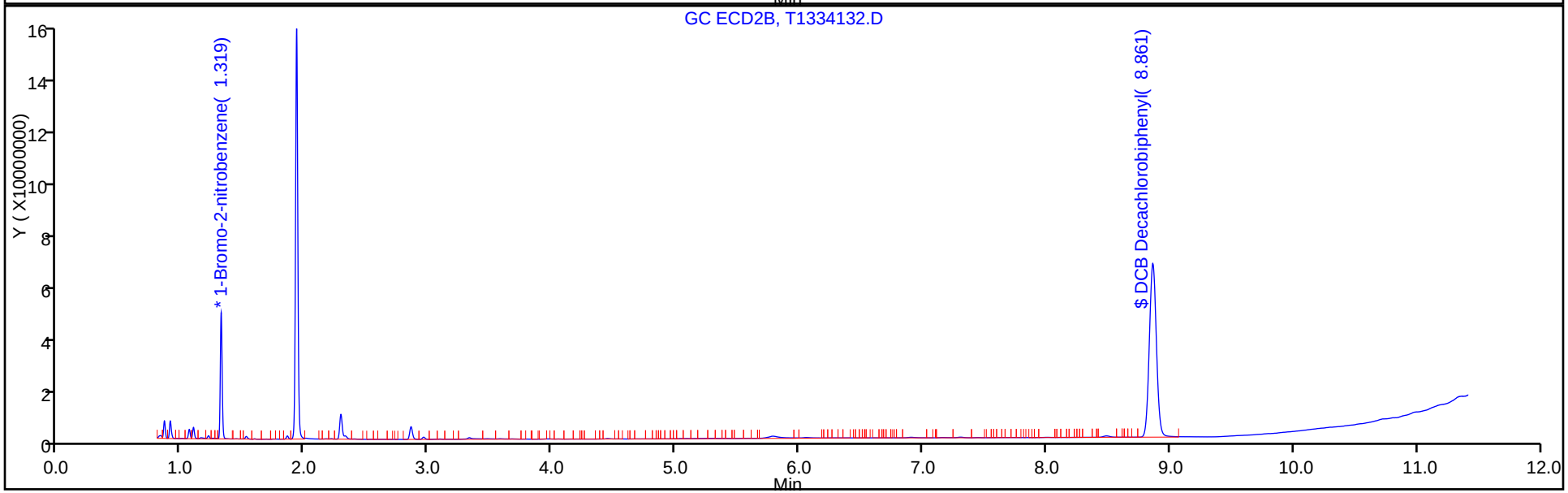
Report Date: 05-Oct-2016 10:43:42 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334132.D

Injection Date:	04-Oct-2016 16:31:20	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121167-G-3-A	Lab Sample ID:	460-121167-3	Worklist Smp#:	12
Client ID:	MW-7D				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-7D | Lab Sample ID: 460-121167-3

Matrix: Water | Lab File ID: T1334132.D

Analysis Method: 8082A | Date Collected: 09/29/2016 11:05

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 16:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394836 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.098	U	0.40	0.098
11104-28-2	Aroclor 1221	0.098	U	0.40	0.098
11141-16-5	Aroclor 1232	0.098	U	0.40	0.098
53469-21-9	Aroclor 1242	0.098	U	0.40	0.098
12672-29-6	Aroclor 1248	0.098	U	0.40	0.098
11097-69-1	Aroclor 1254	0.084	U	0.40	0.084
11096-82-5	Aroclor 1260	0.084	U	0.40	0.084
37324-23-5	Aroclor 1262	0.084	U	0.40	0.084
11100-14-4	Aroclor 1268	0.084	U	0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334132.D
Lims ID: 460-121167-G-3-A
Client ID: MW-7D
Sample Type: Client
Inject. Date: 04-Oct-2016 16:31:20 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-012
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:25 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:02:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.488	1.487	0.001	48228781	20.0	
2	1.319	1.319	0.000	48745419	20.0	
				RPD =	0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.454	10.453	0.001	174779387	101.3	
2	8.861	8.864	-0.003	255480673	108.9	
				RPD =	7.20	

Reagents:

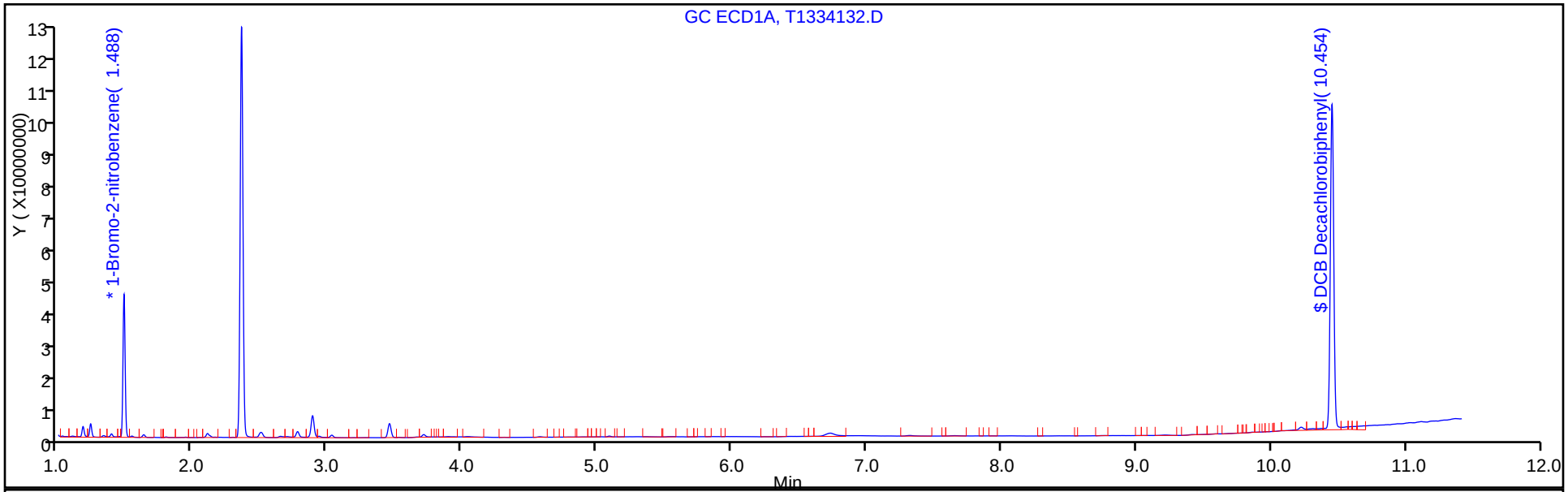
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

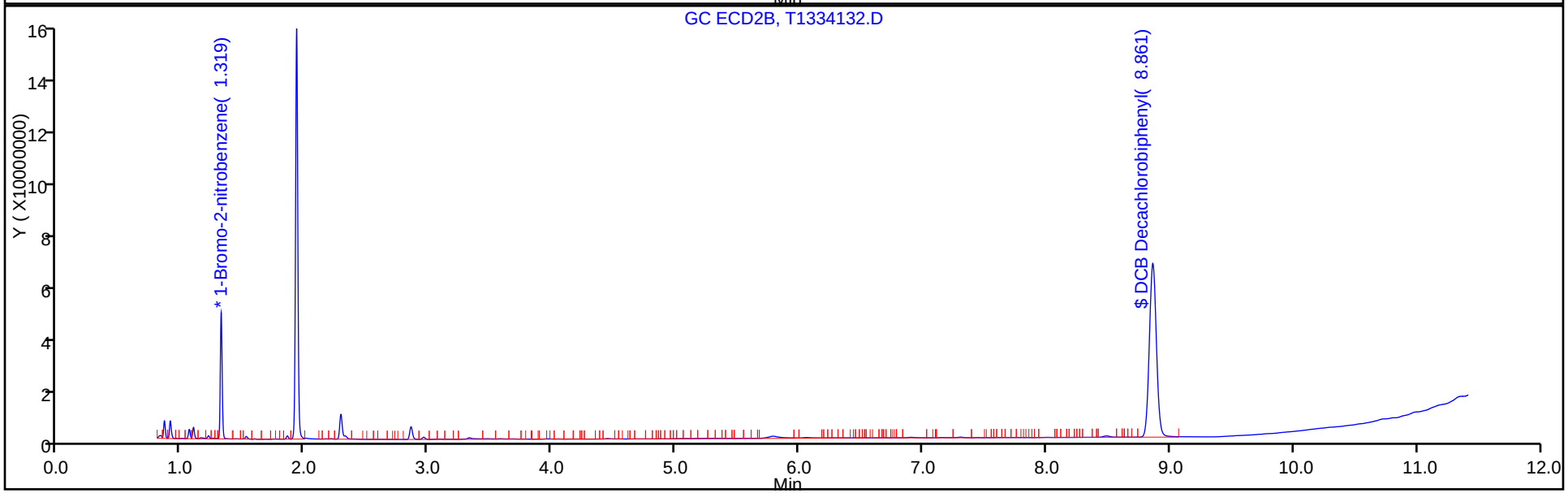
Report Date: 05-Oct-2016 10:43:43 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334132.D

Injection Date:	04-Oct-2016 16:31:20	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121167-G-3-A	Lab Sample ID:	460-121167-3	Worklist Smp#:	12
Client ID:	MW-7D				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-13 DL | Lab Sample ID: 460-121167-4 DL

Matrix: Water | Lab File ID: T1334166.D

Analysis Method: 8082A | Date Collected: 09/29/2016 11:10

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/05/2016 10:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 395004 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110	*D*	10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334166.D
Lims ID: 460-121167-G-4-A
Client ID: MW-13
Sample Type: Client
Inject. Date: 05-Oct-2016 10:00:05 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0046450-015
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:38 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 10:26:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.490	1.490	0.000	47682495	20.0	
2	1.317	1.320	-0.003	47179871	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	2.925	2.932	-0.007	13032619	378.7	
1	3.389	3.396	-0.007	82619152	1224.5	
1	3.657	3.664	-0.007	38449554	1421.1	
1	3.904	3.911	-0.007	143881670	1051.5	
1	4.059	4.066	-0.007	35099015	611.4	
1	4.734	4.741	-0.007	32717551	615.8	
1	5.035	5.041	-0.006	28088573	587.8	
1	5.081	5.088	-0.007	34373832	645.0	
		Average of Peak Amounts =			817.0	
2	2.278	2.281	-0.003	14031602	410.6	
2	2.628	2.631	-0.003	94339228	1407.3	M
2	2.827	2.829	-0.002	69710805	1557.7	M
2	3.088	3.100	-0.012	160365055	1087.2	M
2	3.235	3.237	-0.002	40542397	661.9	M
2	3.667	3.669	-0.002	46206478	749.9	M
2	4.121	4.122	-0.001	55856525	573.9	M
2	4.351	4.353	-0.002	23350394	613.9	M
		Average of Peak Amounts =			882.8	
					RPD = 7.74	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	10.461	10.460	0.001	18810648	11.0	M
2	8.861	8.864	-0.003	27948922	12.3	
					RPD = 10.95	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

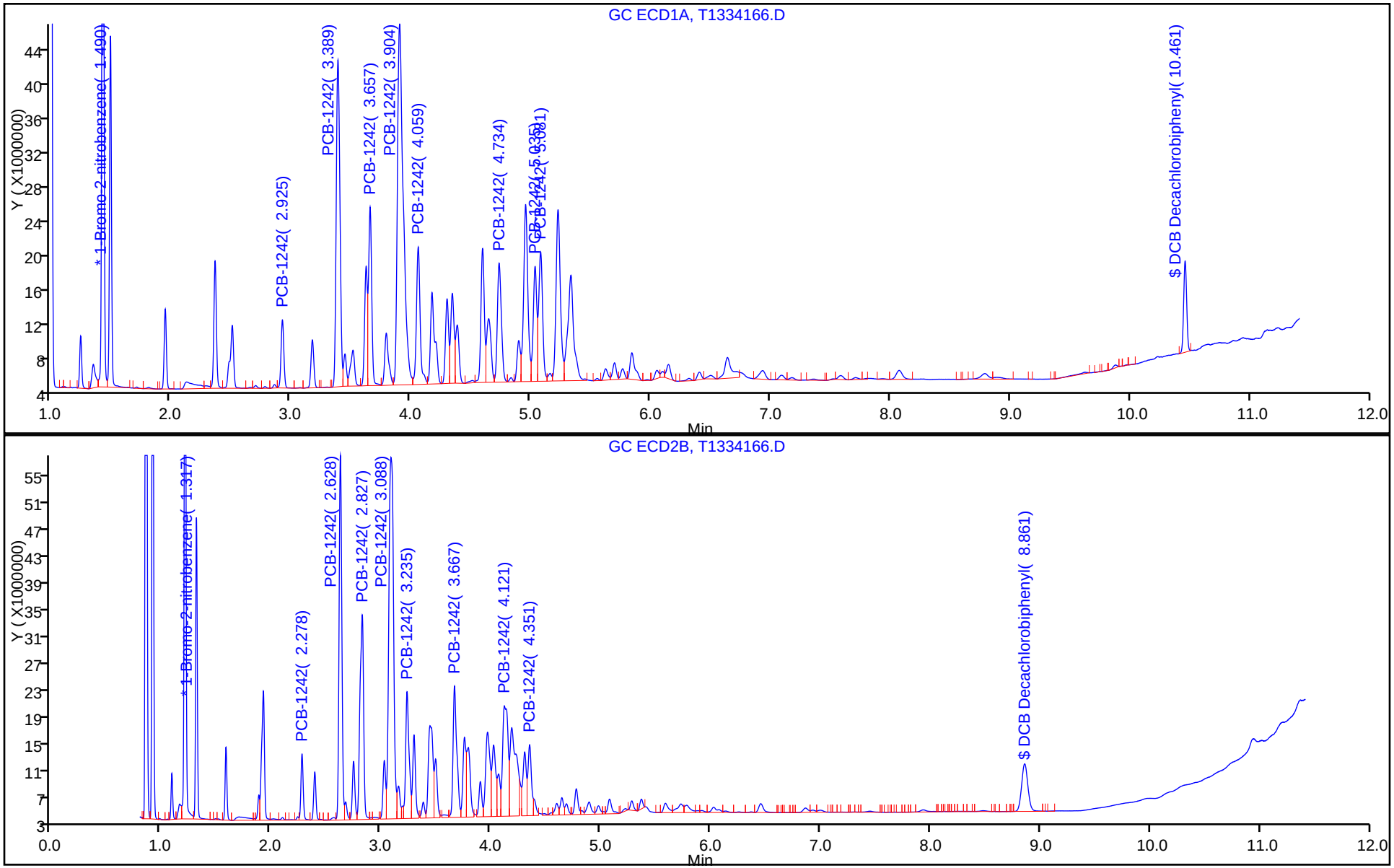
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 05-Oct-2016 11:10:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334166.D

Injection Date:	05-Oct-2016 10:00:05	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121167-G-4-A	Lab Sample ID:	460-121167-4	Worklist Smp#:	15
Client ID:	MW-13				
Injection Vol:	1.0 ul	Dil. Factor:	10.0000	ALS Bottle#:	15
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



Manual Integration/User Assign Peak Report

TestAmerica Edison

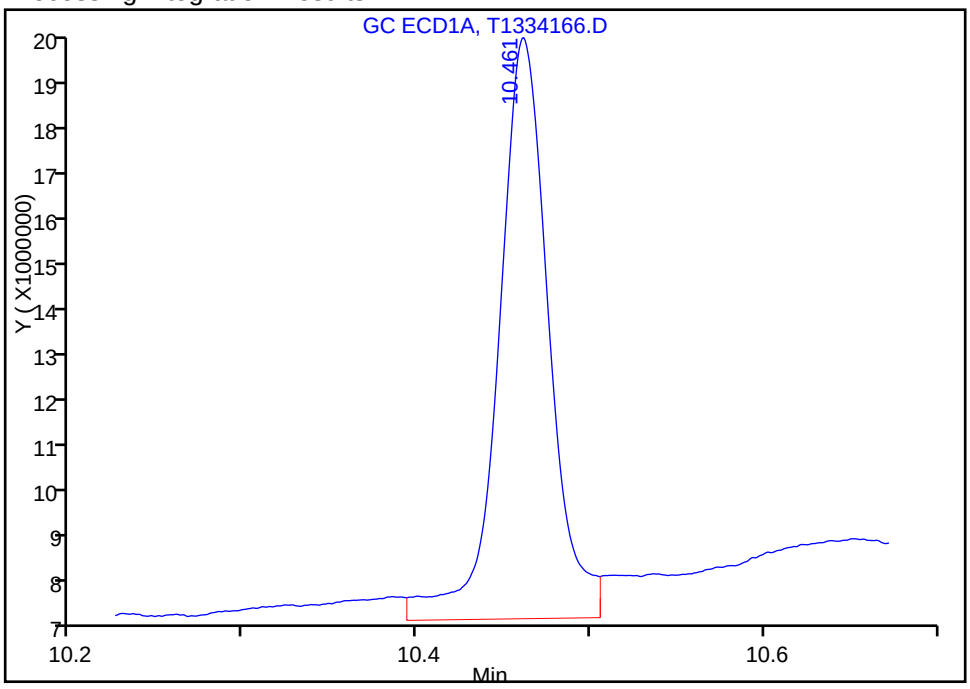
Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334166.D				
Injection Date:	05-Oct-2016 10:00:05	Instrument ID:	CPESTGC11		
Lims ID:	460-121167-G-4-A	Lab Sample ID:	460-121167-4		
Client ID:	MW-13				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

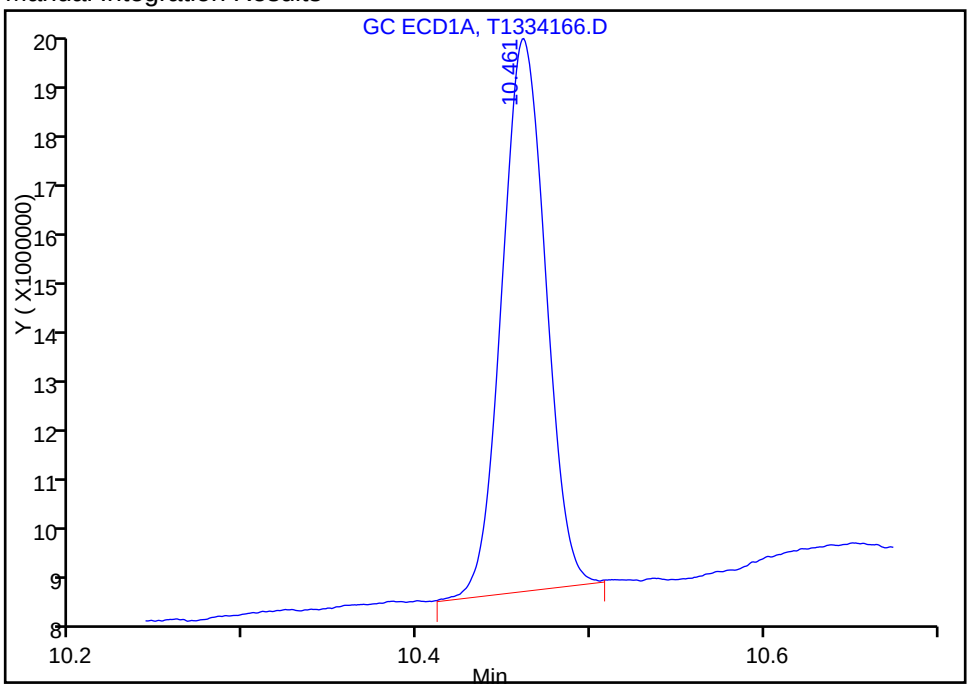
Processing Integration Results

RT: 10.46
Area: 22701538
Amount: 13.311314
Amount Units: ug/l



Manual Integration Results

RT: 10.46
Area: 18810648
Amount: 11.029845
Amount Units: ug/l



Reviewer: patelji, 05-Oct-2016 10:26:09

Audit Action: Manually Integrated Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-13 DL | Lab Sample ID: 460-121167-4 DL

Matrix: Water | Lab File ID: T1334166.D

Analysis Method: 8082A | Date Collected: 09/29/2016 11:10

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/05/2016 10:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 395004 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.98	U	4.0	0.98
11104-28-2	Aroclor 1221	0.98	U	4.0	0.98
11141-16-5	Aroclor 1232	0.98	U	4.0	0.98
53469-21-9	Aroclor 1242	35	D	4.0	0.98
12672-29-6	Aroclor 1248	0.98	U	4.0	0.98
11097-69-1	Aroclor 1254	0.84	U	4.0	0.84
11096-82-5	Aroclor 1260	0.84	U	4.0	0.84
37324-23-5	Aroclor 1262	0.84	U	4.0	0.84
11100-14-4	Aroclor 1268	0.84	U	4.0	0.84

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	123	D	10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334166.D
Lims ID: 460-121167-G-4-A
Client ID: MW-13
Sample Type: Client
Inject. Date: 05-Oct-2016 10:00:05 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0046450-015
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:38 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 10:26:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.490	1.490	0.000	47682495	20.0	
2	1.317	1.320	-0.003	47179871	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	2.925	2.932	-0.007	13032619	378.7	
1	3.389	3.396	-0.007	82619152	1224.5	
1	3.657	3.664	-0.007	38449554	1421.1	
1	3.904	3.911	-0.007	143881670	1051.5	
1	4.059	4.066	-0.007	35099015	611.4	
1	4.734	4.741	-0.007	32717551	615.8	
1	5.035	5.041	-0.006	28088573	587.8	
1	5.081	5.088	-0.007	34373832	645.0	
		Average of Peak Amounts =			817.0	
2	2.278	2.281	-0.003	14031602	410.6	
2	2.628	2.631	-0.003	94339228	1407.3	M
2	2.827	2.829	-0.002	69710805	1557.7	M
2	3.088	3.100	-0.012	160365055	1087.2	M
2	3.235	3.237	-0.002	40542397	661.9	M
2	3.667	3.669	-0.002	46206478	749.9	M
2	4.121	4.122	-0.001	55856525	573.9	M
2	4.351	4.353	-0.002	23350394	613.9	M
		Average of Peak Amounts =			882.8	
					RPD = 7.74	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	10.461	10.460	0.001	18810648	11.0	M
2	8.861	8.864	-0.003	27948922	12.3	
					RPD = 10.95	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

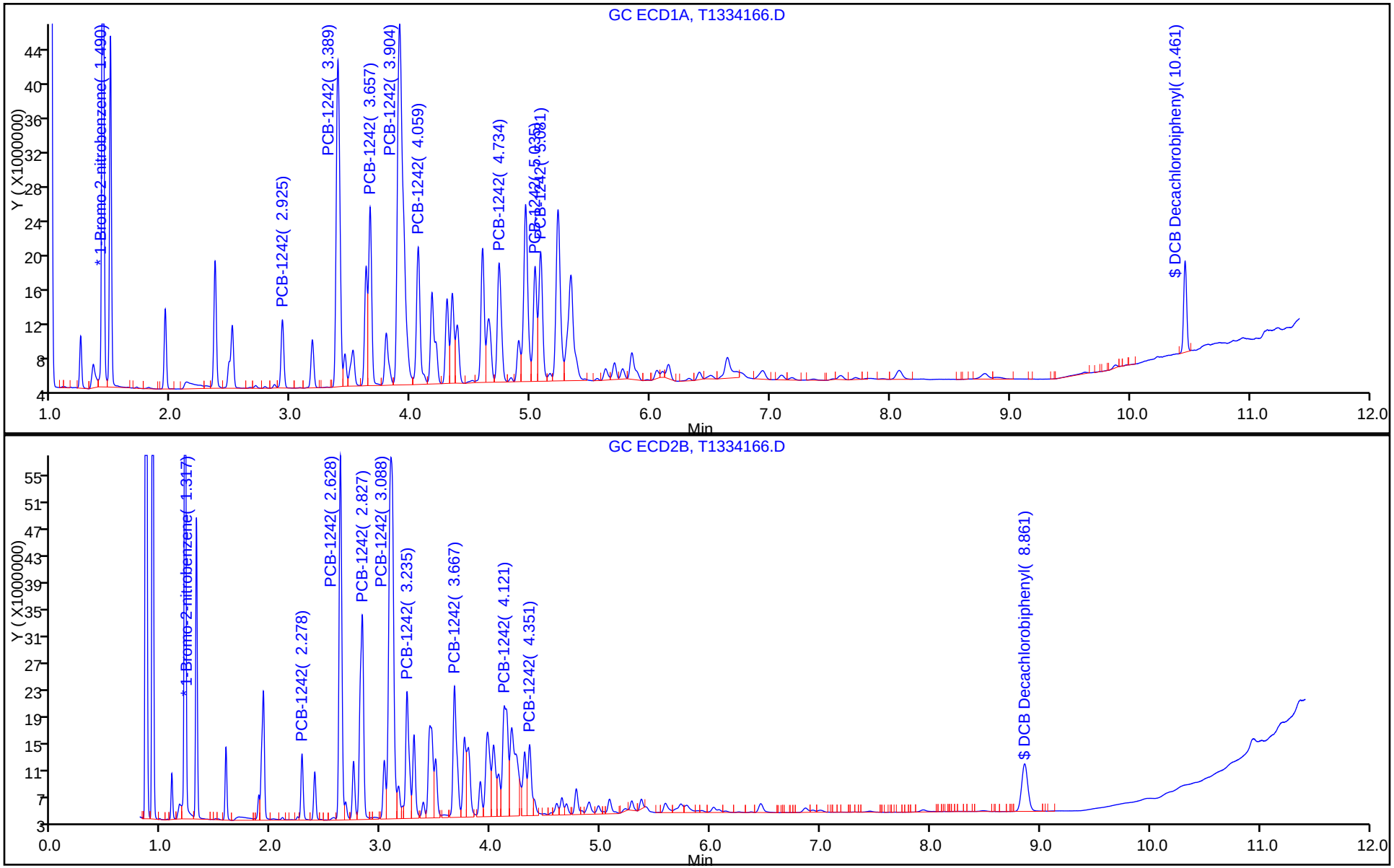
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 05-Oct-2016 11:10:26 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334166.D

Injection Date:	05-Oct-2016 10:00:05	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121167-G-4-A	Lab Sample ID:	460-121167-4	Worklist Smp#:	15
Client ID:	MW-13				
Injection Vol:	1.0 ul	Dil. Factor:	10.0000	ALS Bottle#:	15
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



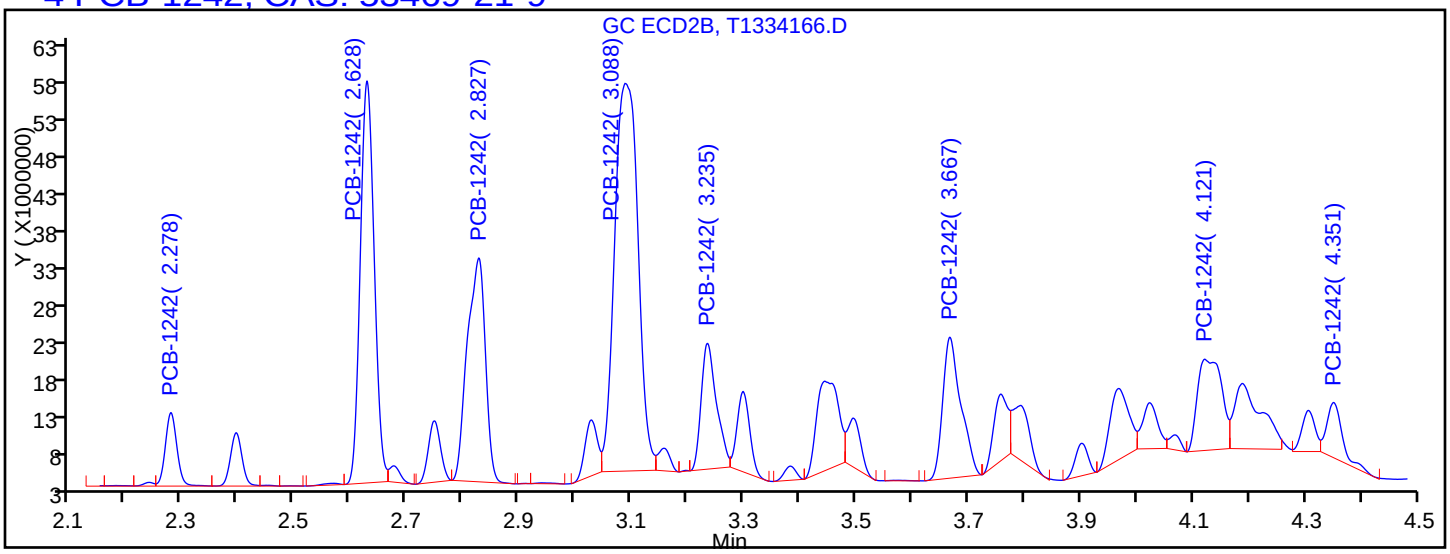
Report Date: 05-Oct-2016 11:10:26 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334166.D

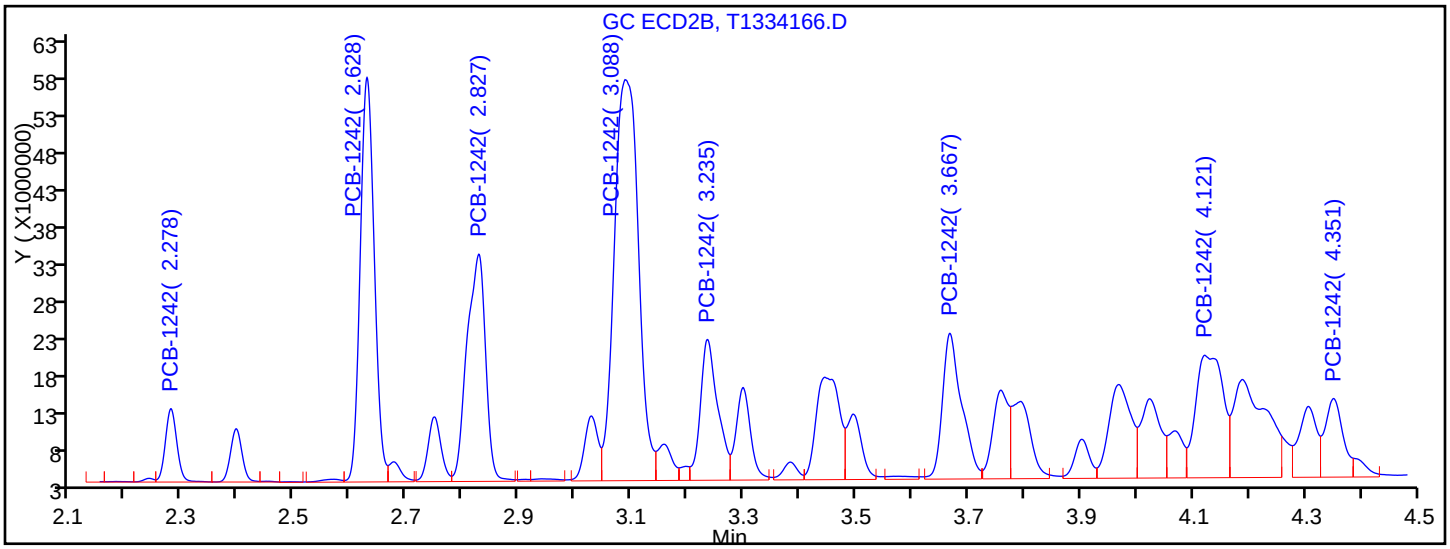
Injection Date:	05-Oct-2016 10:00:05	Instrument ID:	CPESTGC11		
Lims ID:	460-121167-G-4-A	Lab Sample ID:	460-121167-4		
Client ID:	MW-13				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

2.278	Response = 14031602
2.628	Response = 92462212
2.827	Response = 66684213
3.088	Response = 149813182
3.235	Response = 31767378
3.667	Response = 41973136
4.121	Response = 36572835
4.351	Response = 14257236



Manual Integration Results

2.278	Response = 14031602	
2.628	Response = 94339228	M
2.827	Response = 69710805	M
3.088	Response = 160365055	M
3.235	Response = 40542397	M
3.667	Response = 46206478	M

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-8D Lab Sample ID: 460-121167-5

Matrix: Water Lab File ID: T1334134.D

Analysis Method: 8082A Date Collected: 09/29/2016 12:35

Extraction Method: 3510C Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) Date Analyzed: 10/04/2016 17:00

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 394836 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334134.D
Lims ID: 460-121167-E-5-A
Client ID: MW-8D
Sample Type: Client
Inject. Date: 04-Oct-2016 17:00:59 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-014
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:25 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:01:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.487	1.487	0.000	46793334	20.0	
2	1.318	1.319	-0.001	47688592	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.455	10.453	0.002	169015841	101.0	
2	8.859	8.864	-0.005	237305906	103.4	
					RPD = 2.35	

Reagents:

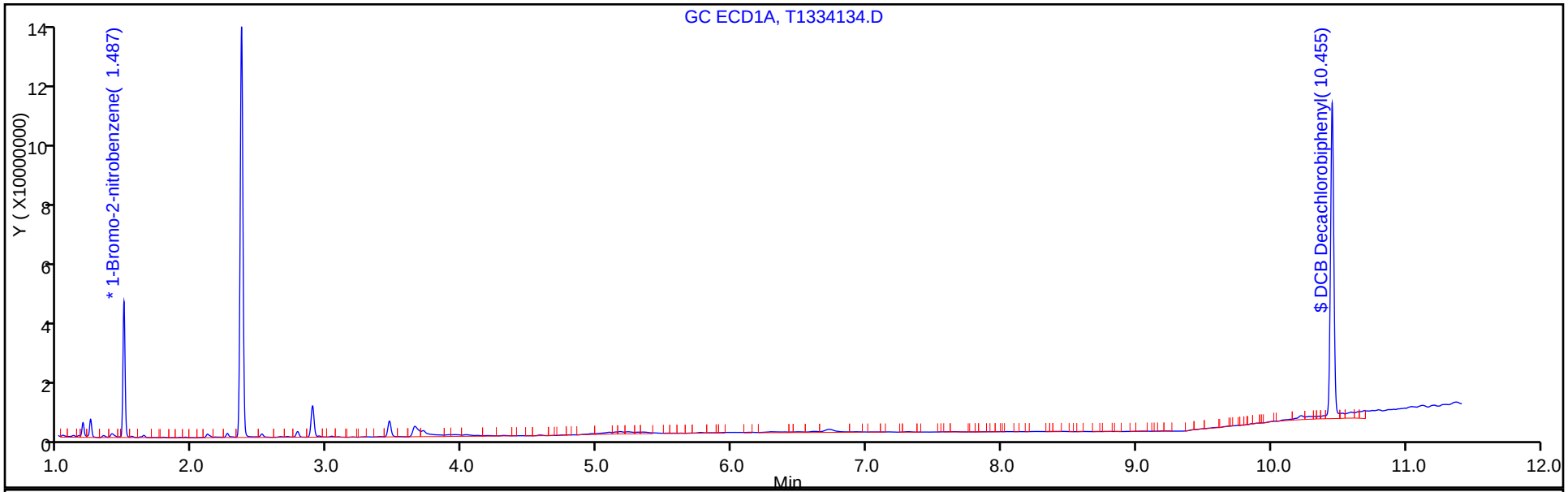
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

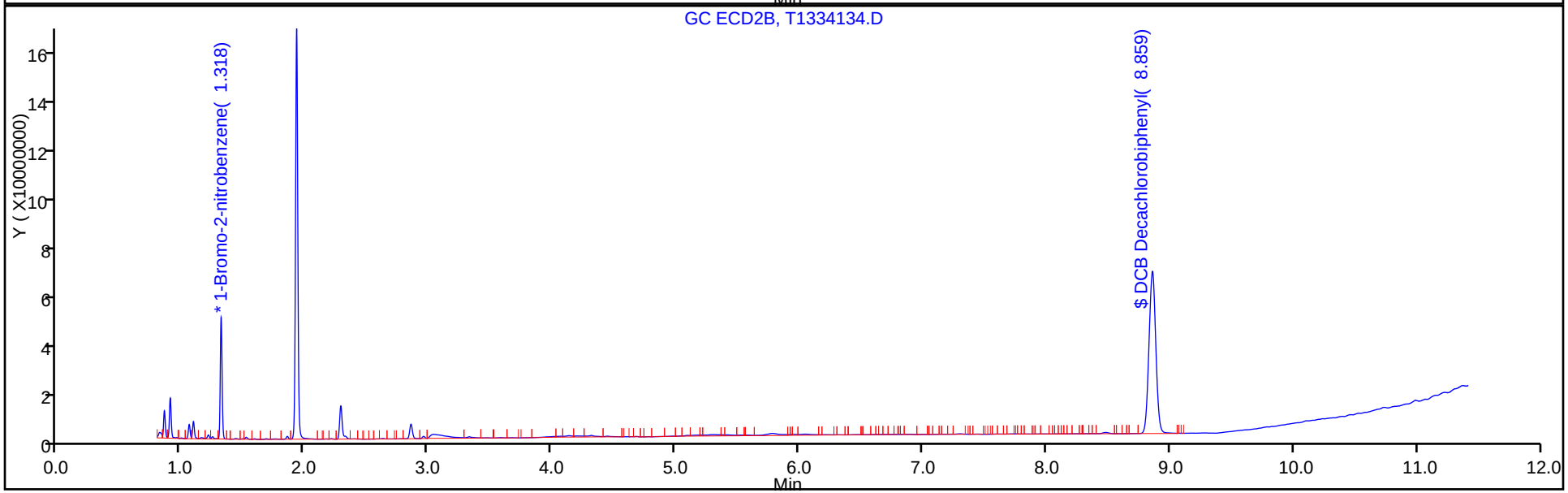
Report Date: 05-Oct-2016 10:43:52 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334134.D

Injection Date:	04-Oct-2016 17:00:59	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121167-E-5-A	Lab Sample ID:	460-121167-5	Worklist Smp#:	14
Client ID:	MW-8D				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-8D | Lab Sample ID: 460-121167-5

Matrix: Water | Lab File ID: T1334134.D

Analysis Method: 8082A | Date Collected: 09/29/2016 12:35

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 17:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394836 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.098	U	0.40	0.098
11104-28-2	Aroclor 1221	0.098	U	0.40	0.098
11141-16-5	Aroclor 1232	0.098	U	0.40	0.098
53469-21-9	Aroclor 1242	0.098	U	0.40	0.098
12672-29-6	Aroclor 1248	0.098	U	0.40	0.098
11097-69-1	Aroclor 1254	0.084	U	0.40	0.084
11096-82-5	Aroclor 1260	0.084	U	0.40	0.084
37324-23-5	Aroclor 1262	0.084	U	0.40	0.084
11100-14-4	Aroclor 1268	0.084	U	0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334134.D
Lims ID: 460-121167-E-5-A
Client ID: MW-8D
Sample Type: Client
Inject. Date: 04-Oct-2016 17:00:59 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-014
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:25 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:01:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.487	1.487	0.000	46793334	20.0	
2	1.318	1.319	-0.001	47688592	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.455	10.453	0.002	169015841	101.0	
2	8.859	8.864	-0.005	237305906	103.4	
					RPD = 2.35	

Reagents:

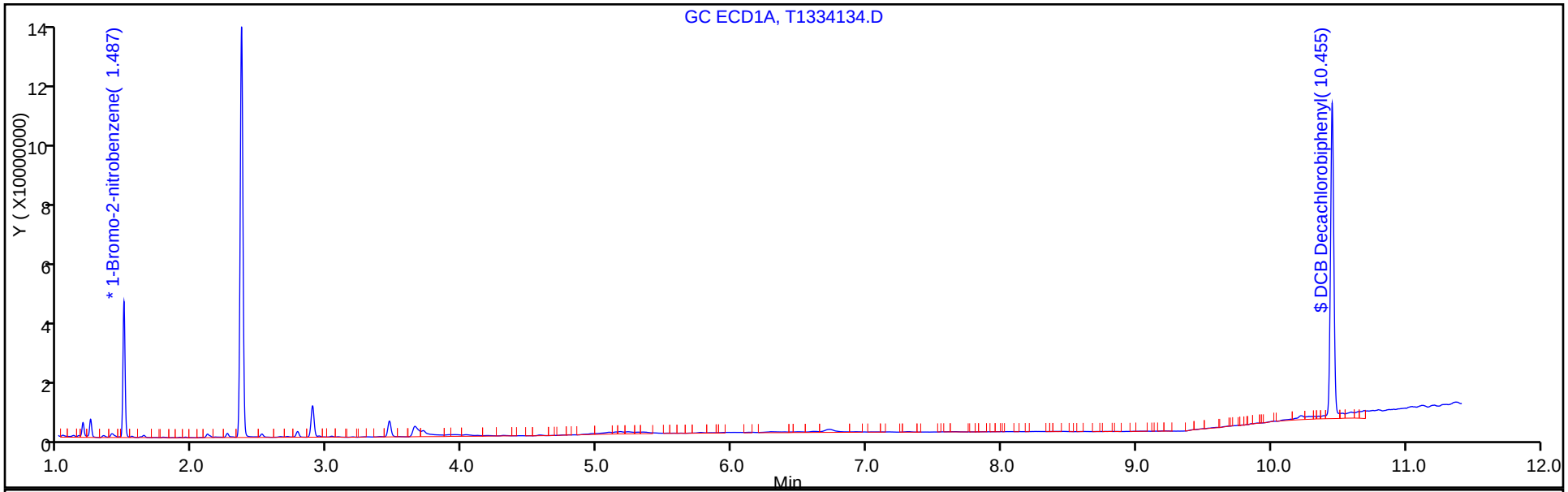
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

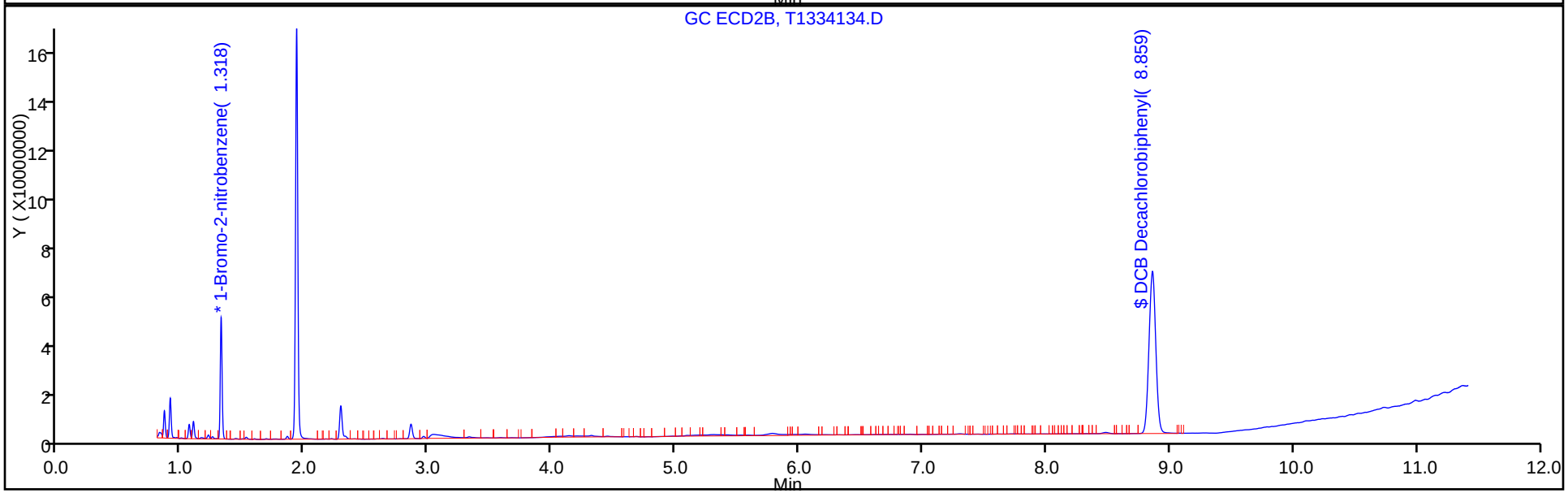
Report Date: 05-Oct-2016 10:43:53 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334134.D

Injection Date:	04-Oct-2016 17:00:59	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121167-E-5-A	Lab Sample ID:	460-121167-5	Worklist Smp#:	14
Client ID:	MW-8D				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-3 | Lab Sample ID: 460-121167-6

Matrix: Water | Lab File ID: T1334135.D

Analysis Method: 8082A | Date Collected: 09/29/2016 12:50

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 17:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394836 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	5.8		0.40	0.098

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	94		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334135.D
Lims ID: 460-121167-G-6-A
Client ID: MW-3
Sample Type: Client
Inject. Date: 04-Oct-2016 17:15:50 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-015
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:25 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 06:58:47

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.487	1.487	0.000	47095677	20.0	
2	1.319	1.319	0.000	51256481	20.0	
					RPD = 0.00	
6 PCB-1248						M
1	3.384	3.394	-0.010	90588222	2786.1	M
1	3.900	3.909	-0.009	71755474	885.2	M
1	4.295	4.307	-0.012	72908540	1509.7	M
1	4.339	4.351	-0.012	81040926	1844.2	M
1	4.730	4.741	-0.011	110723979	1594.6	M
1	5.030	5.041	-0.011	75909116	1022.3	M
1	5.078	5.088	-0.010	100724776	1247.8	M
1	6.141	6.157	-0.016	23388012	745.4	M
		Average of Peak Amounts =			1454.4	
2	2.629	2.637	-0.008	93334367	2651.7	M
2	3.099	3.101	-0.002	86881417	905.7	M
2	3.442	3.450	-0.008	170507959	1711.6	M
2	3.756	3.764	-0.008	95014429	1621.1	M
2	4.118	4.128	-0.010	212825109	1308.6	M
2	4.351	4.360	-0.009	50533414	707.9	M
2	4.774	4.784	-0.010	28904183	640.9	M
2	5.363	5.374	-0.011	18422985	605.3	M
		Average of Peak Amounts =			1269.1	
					RPD = 13.61	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.455	10.453	0.002	157879867	93.7	
2	8.856	8.864	-0.008	216890612	87.9	
					RPD = 6.40	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

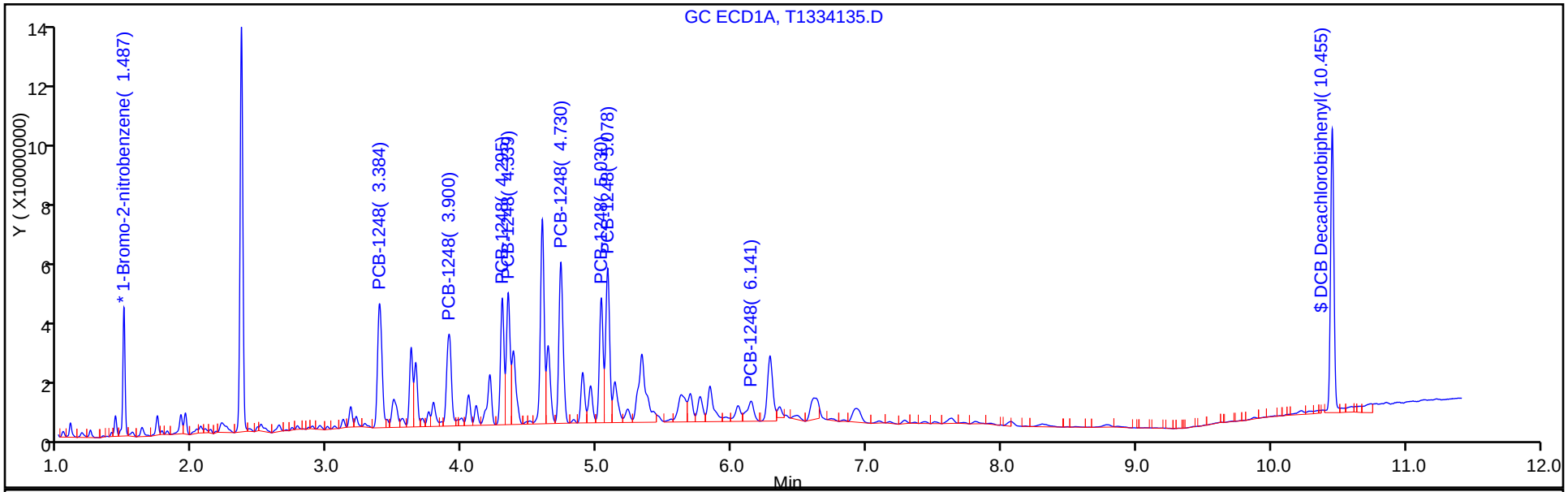
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

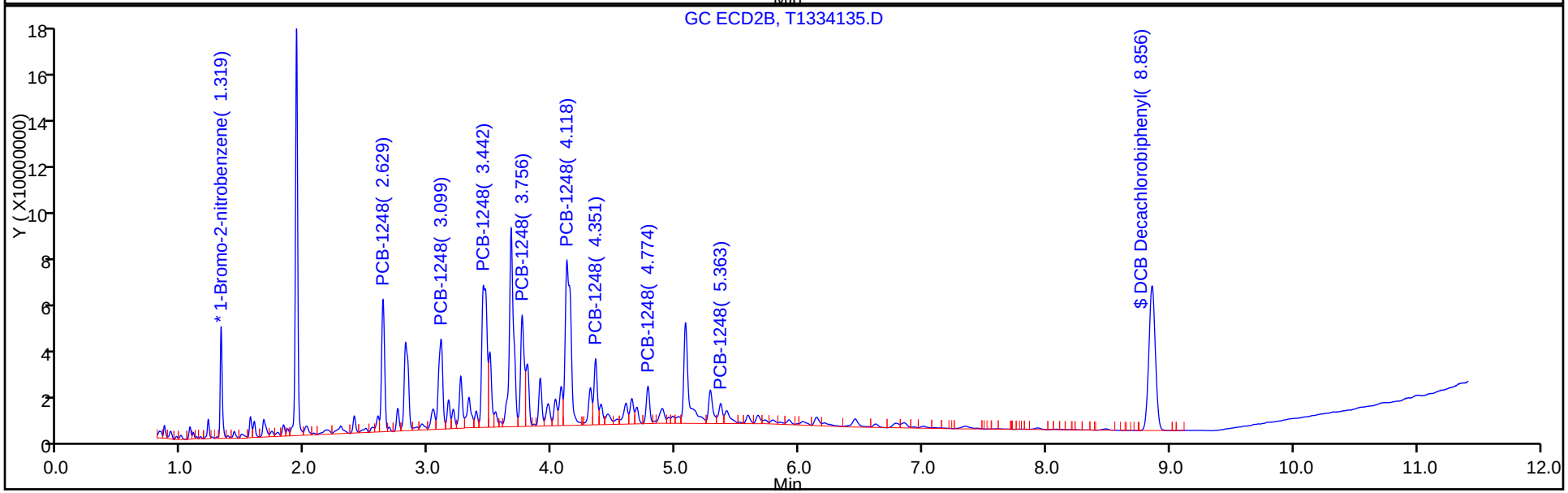
Report Date: 05-Oct-2016 10:43:55 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334135.D

Injection Date:	04-Oct-2016 17:15:50	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121167-G-6-A	Lab Sample ID:	460-121167-6	Worklist Smp#:	15
Client ID:	MW-3				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





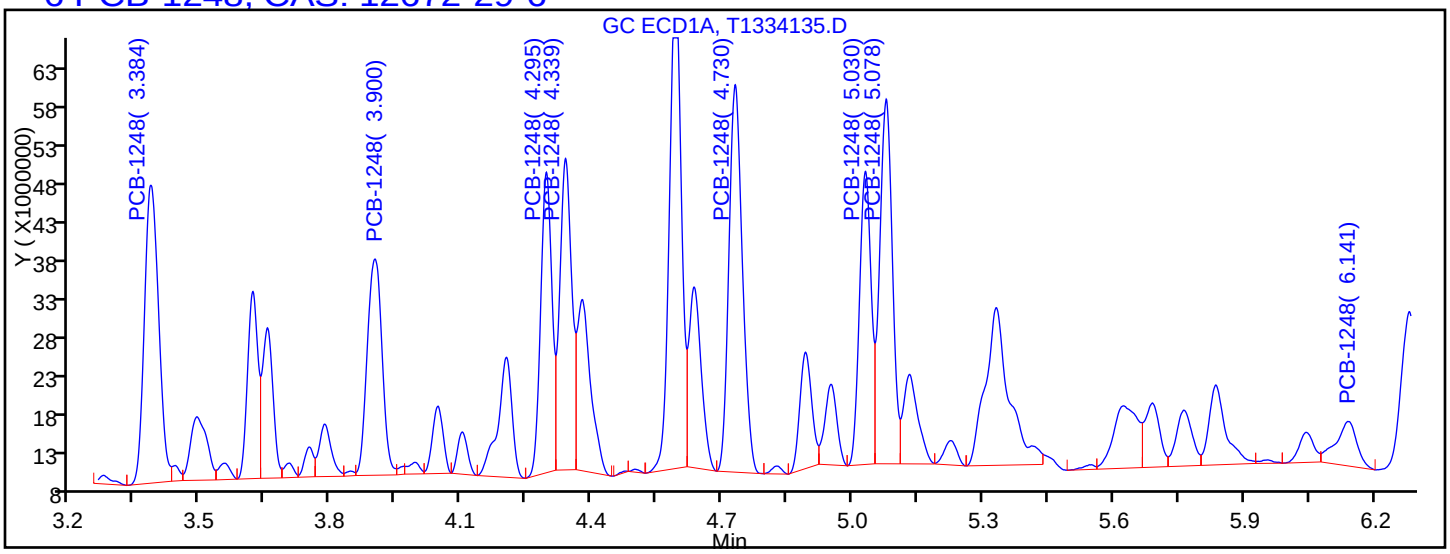
Report Date: 05-Oct-2016 10:43:55 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334135.D

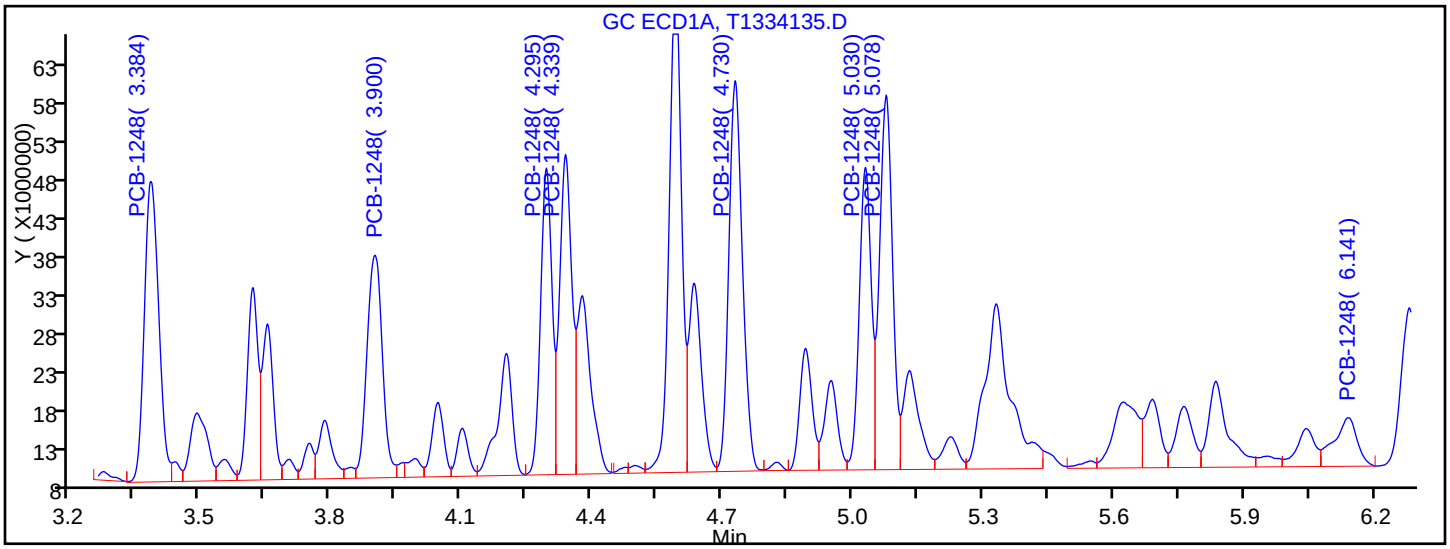
Injection Date:	04-Oct-2016 17:15:50	Instrument ID:	CPESTGC11
Lims ID:	460-121167-G-6-A	Lab Sample ID:	460-121167-6
Client ID:	MW-3		
Operator ID:		ALS Bottle#:	15 Worklist Smp#: 15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD1A

6 PCB-1248, CAS: 12672-29-6



Processing Integration Results

3.384	Response = 88650529
3.900	Response = 67073533
4.295	Response = 70581502
4.339	Response = 78041962
4.730	Response = 108611696
5.030	Response = 71493336
5.078	Response = 96359647
6.141	Response = 19376922



Manual Integration Results

3.384	Response = 90588222	M
3.900	Response = 71755474	M
4.295	Response = 72908540	M
4.339	Response = 81040926	M
4.730	Response = 110723979	M
5.030	Response = 75909116	M

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-3 | Lab Sample ID: 460-121167-6

Matrix: Water | Lab File ID: T1334135.D

Analysis Method: 8082A | Date Collected: 09/29/2016 12:50

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 17:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394836 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.098	U	0.40	0.098
11104-28-2	Aroclor 1221	0.098	U	0.40	0.098
11141-16-5	Aroclor 1232	0.098	U	0.40	0.098
53469-21-9	Aroclor 1242	0.098	U	0.40	0.098
11097-69-1	Aroclor 1254	0.084	U	0.40	0.084
11096-82-5	Aroclor 1260	0.084	U	0.40	0.084
37324-23-5	Aroclor 1262	0.084	U	0.40	0.084
11100-14-4	Aroclor 1268	0.084	U	0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334135.D
Lims ID: 460-121167-G-6-A
Client ID: MW-3
Sample Type: Client
Inject. Date: 04-Oct-2016 17:15:50 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-015
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:25 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 06:58:47

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.487	1.487	0.000	47095677	20.0	
2	1.319	1.319	0.000	51256481	20.0	
					RPD = 0.00	
6 PCB-1248						M
1	3.384	3.394	-0.010	90588222	2786.1	M
1	3.900	3.909	-0.009	71755474	885.2	M
1	4.295	4.307	-0.012	72908540	1509.7	M
1	4.339	4.351	-0.012	81040926	1844.2	M
1	4.730	4.741	-0.011	110723979	1594.6	M
1	5.030	5.041	-0.011	75909116	1022.3	M
1	5.078	5.088	-0.010	100724776	1247.8	M
1	6.141	6.157	-0.016	23388012	745.4	M
		Average of Peak Amounts =			1454.4	
2	2.629	2.637	-0.008	93334367	2651.7	M
2	3.099	3.101	-0.002	86881417	905.7	M
2	3.442	3.450	-0.008	170507959	1711.6	M
2	3.756	3.764	-0.008	95014429	1621.1	M
2	4.118	4.128	-0.010	212825109	1308.6	M
2	4.351	4.360	-0.009	50533414	707.9	M
2	4.774	4.784	-0.010	28904183	640.9	M
2	5.363	5.374	-0.011	18422985	605.3	M
		Average of Peak Amounts =			1269.1	
					RPD = 13.61	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.455	10.453	0.002	157879867	93.7	
2	8.856	8.864	-0.008	216890612	87.9	
					RPD = 6.40	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

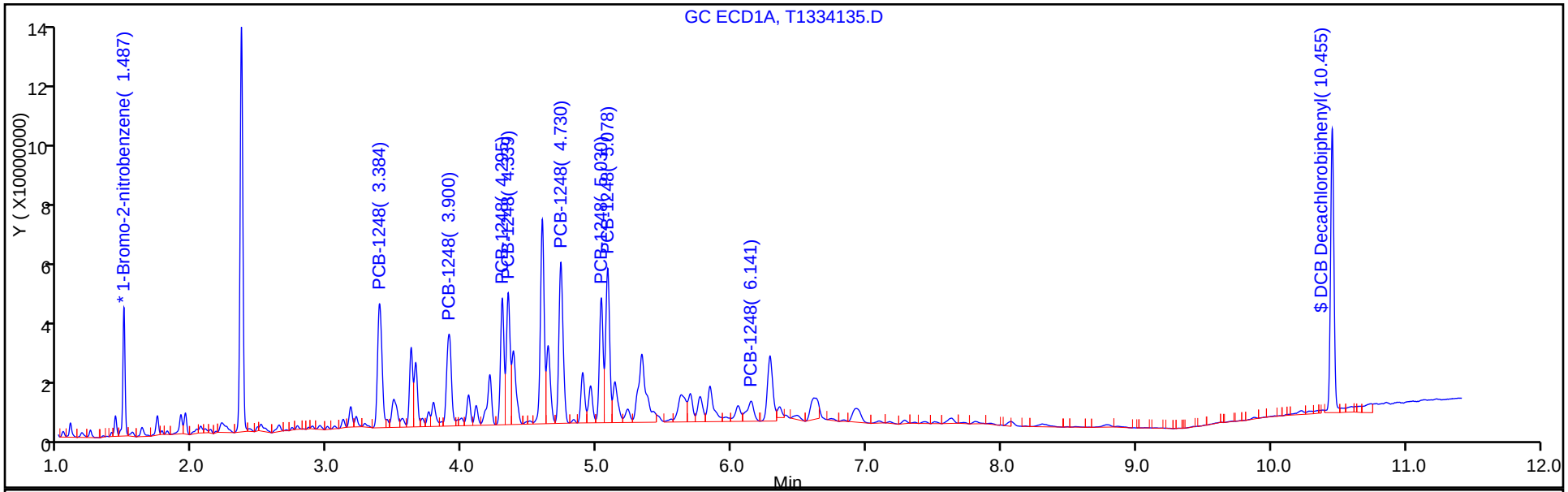
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

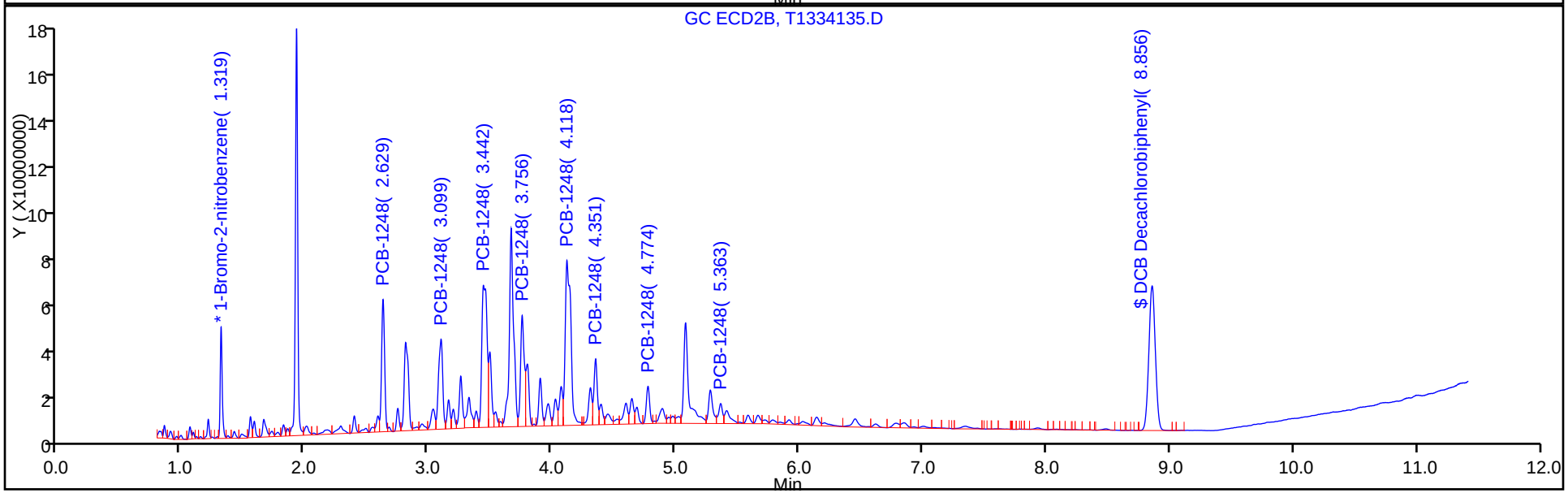
Report Date: 05-Oct-2016 10:43:56 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334135.D

Injection Date:	04-Oct-2016 17:15:50	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121167-G-6-A	Lab Sample ID:	460-121167-6	Worklist Smp#:	15
Client ID:	MW-3				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





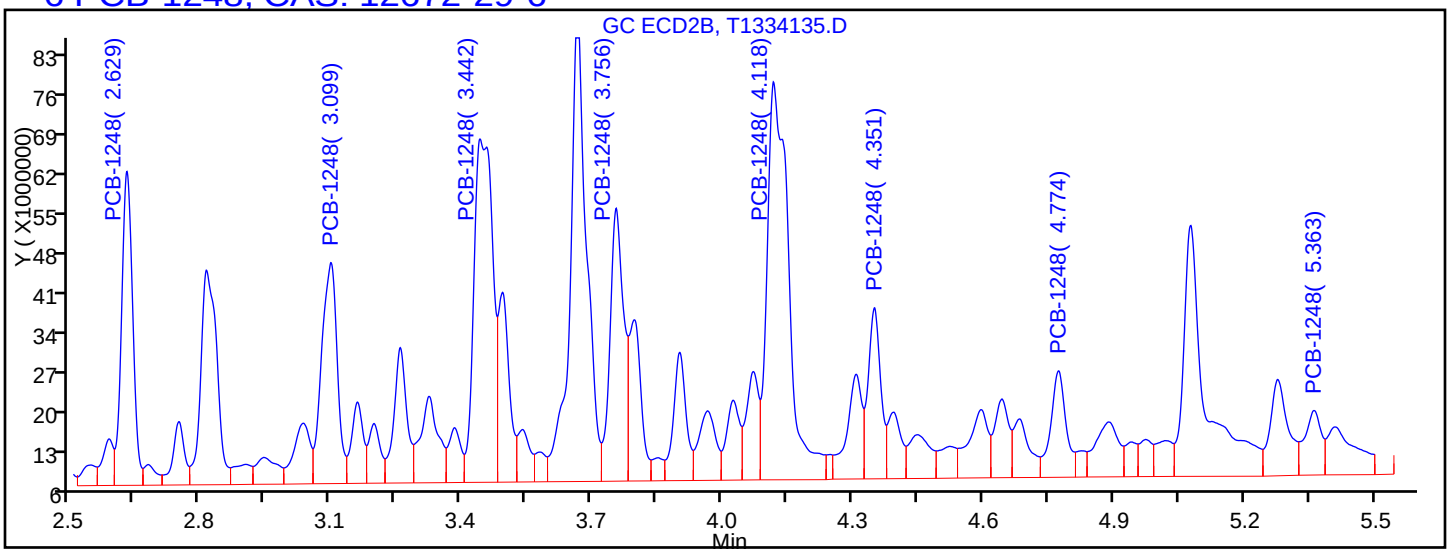
Report Date: 05-Oct-2016 10:43:56 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334135.D

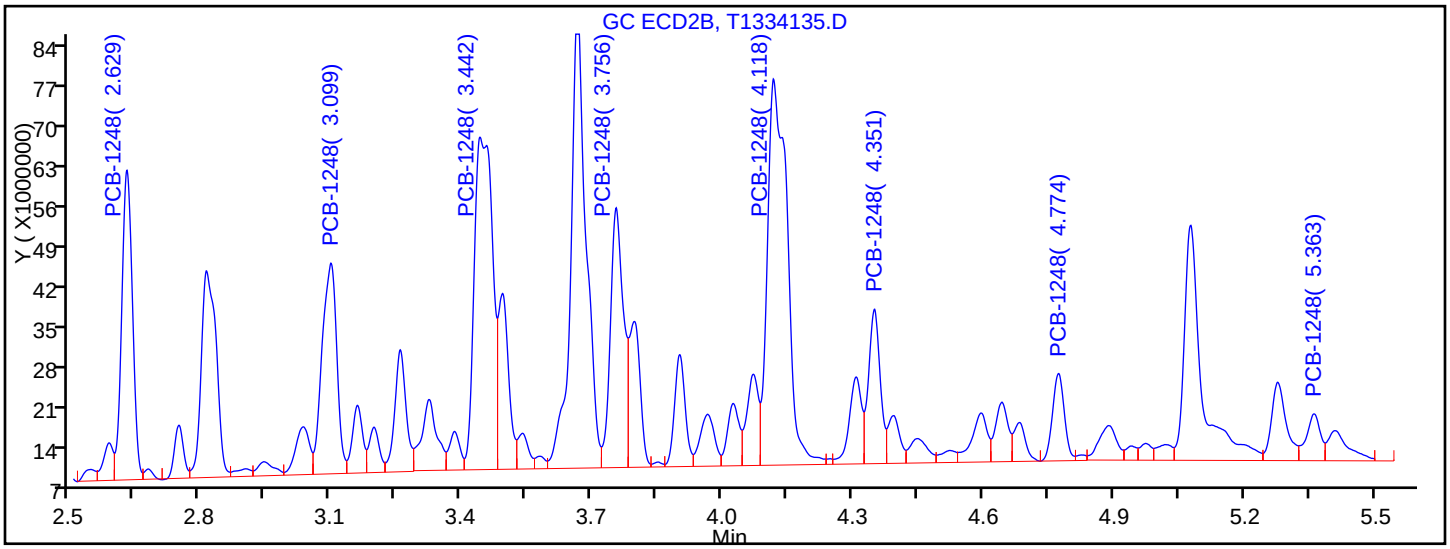
Injection Date:	04-Oct-2016 17:15:50	Instrument ID:	CPESTGC11
Lims ID:	460-121167-G-6-A	Lab Sample ID:	460-121167-6
Client ID:	MW-3		
Operator ID:		ALS Bottle#:	15 Worklist Smp#: 15
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD2B

6 PCB-1248, CAS: 12672-29-6



Processing Integration Results

2.629	Response = 100445473
3.099	Response = 98645156
3.442	Response = 184455224
3.756	Response = 106805684
4.118	Response = 243828513
4.351	Response = 61253020
4.774	Response = 46721039
5.363	Response = 30477382



Manual Integration Results

2.629	Response = 93334367	M
3.099	Response = 86881417	M
3.442	Response = 170507959	M
3.756	Response = 95014429	M
4.118	Response = 212825109	M
4.351	Response = 50533414	M

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-3 Filtered Lab Sample ID: 460-121167-7

Matrix: Water Lab File ID: T1334163.D

Analysis Method: 8082A Date Collected: 09/29/2016 13:00

Extraction Method: 3510C Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) Date Analyzed: 10/05/2016 09:13

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 395004 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334163.D
Lims ID: 460-121167-F-7-A
Client ID: MW-3 Filtered
Sample Type: Client
Inject. Date: 05-Oct-2016 09:13:28 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-012
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:38 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 09:42:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.488	1.490	-0.002	47187479	20.0	
2	1.319	1.320	-0.001	52642361	20.0	
				RPD =	0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.456	10.460	-0.004	177559114	105.2	
2	8.856	8.864	-0.008	254557912	100.5	
				RPD =	4.61	

Reagents:

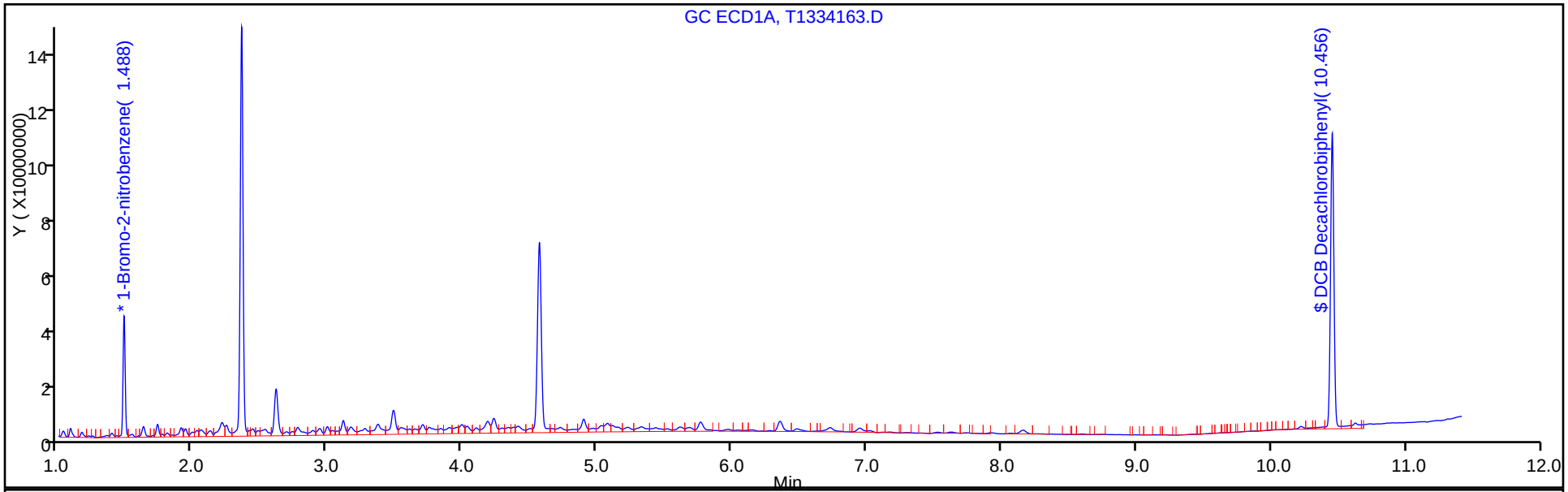
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

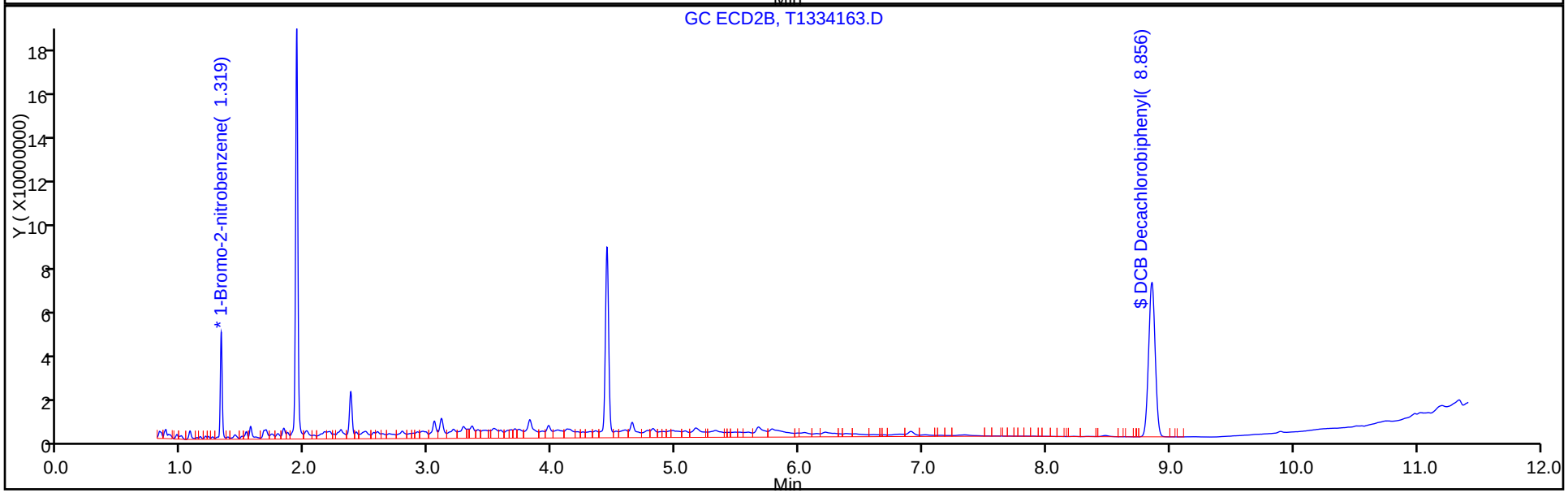
Report Date: 05-Oct-2016 11:10:08 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334163.D

Injection Date:	05-Oct-2016 09:13:28	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121167-F-7-A	Lab Sample ID:	460-121167-7	Worklist Smp#:	12
Client ID:	MW-3 Filtered				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-3 Filtered | Lab Sample ID: 460-121167-7

Matrix: Water | Lab File ID: T1334163.D

Analysis Method: 8082A | Date Collected: 09/29/2016 13:00

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/05/2016 09:13

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 395004 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.098	U	0.40	0.098
11104-28-2	Aroclor 1221	0.098	U	0.40	0.098
11141-16-5	Aroclor 1232	0.098	U	0.40	0.098
53469-21-9	Aroclor 1242	0.098	U	0.40	0.098
12672-29-6	Aroclor 1248	0.098	U	0.40	0.098
11097-69-1	Aroclor 1254	0.084	U	0.40	0.084
11096-82-5	Aroclor 1260	0.084	U	0.40	0.084
37324-23-5	Aroclor 1262	0.084	U	0.40	0.084
11100-14-4	Aroclor 1268	0.084	U	0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334163.D
Lims ID: 460-121167-F-7-A
Client ID: MW-3 Filtered
Sample Type: Client
Inject. Date: 05-Oct-2016 09:13:28 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-012
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:38 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 09:42:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.488	1.490	-0.002	47187479	20.0	
2	1.319	1.320	-0.001	52642361	20.0	
				RPD =	0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.456	10.460	-0.004	177559114	105.2	
2	8.856	8.864	-0.008	254557912	100.5	
				RPD =	4.61	

Reagents:

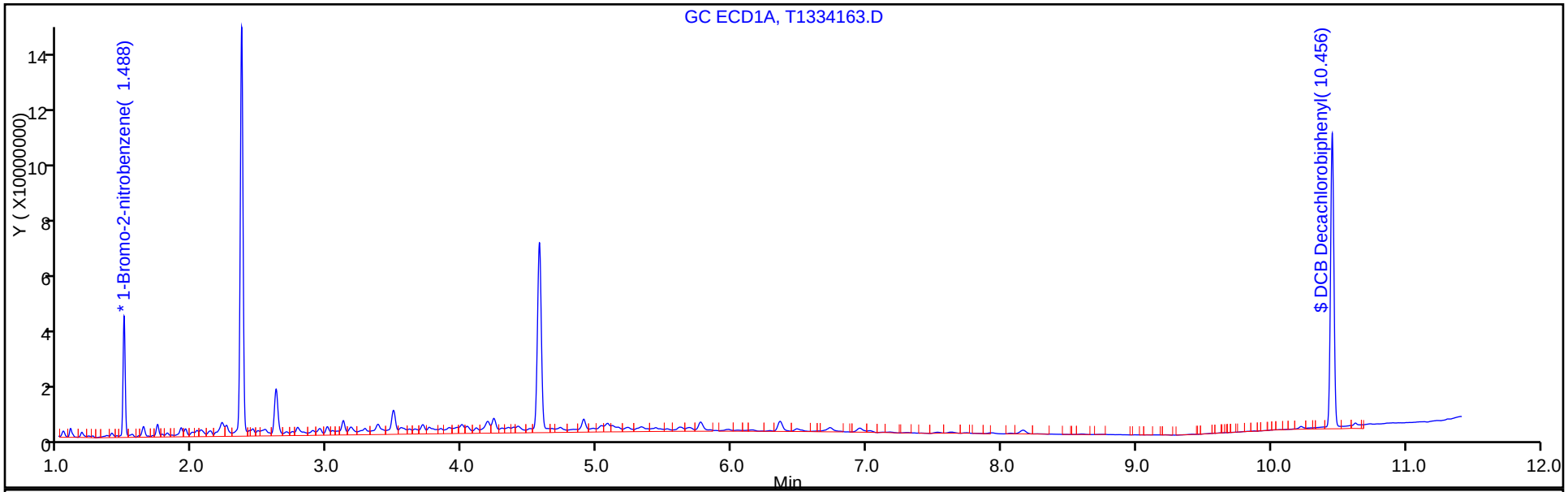
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

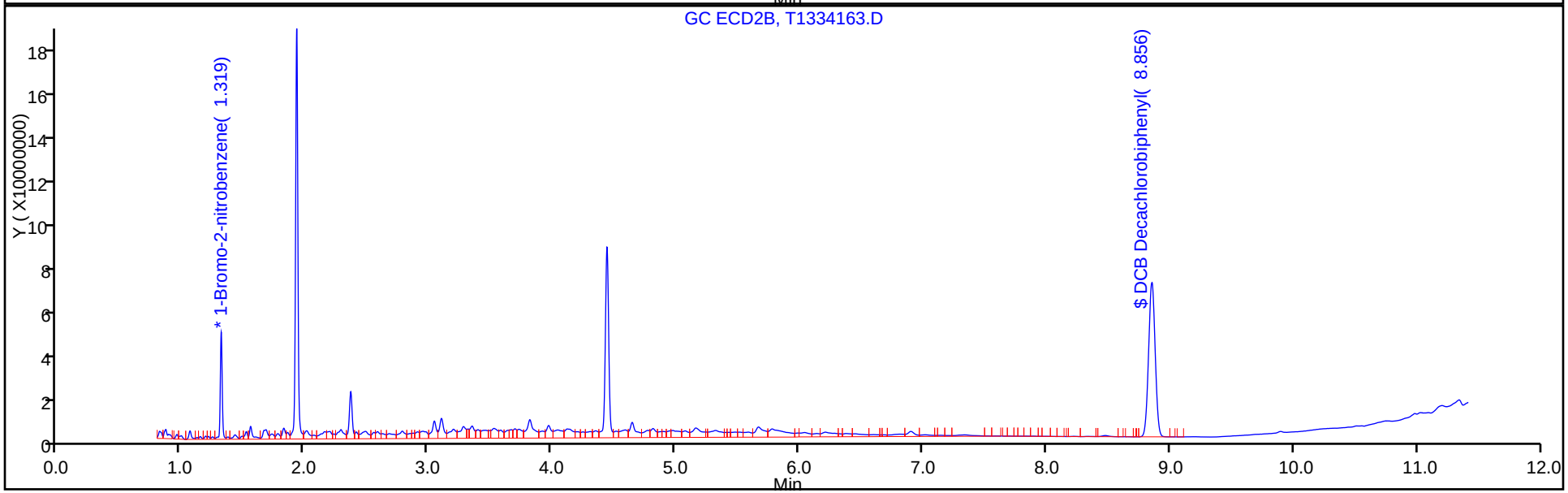
Report Date: 05-Oct-2016 11:10:09 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334163.D

Injection Date:	05-Oct-2016 09:13:28	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121167-F-7-A	Lab Sample ID:	460-121167-7	Worklist Smp#:	12
Client ID:	MW-3 Filtered				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-6 Lab Sample ID: 460-121167-8

Matrix: Water Lab File ID: T1334137.D

Analysis Method: 8082A Date Collected: 09/29/2016 14:35

Extraction Method: 3510C Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) Date Analyzed: 10/04/2016 17:45

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 394836 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334137.D
Lims ID: 460-121167-F-8-A
Client ID: MW-6
Sample Type: Client
Inject. Date: 04-Oct-2016 17:45:29 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-017
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:25 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 06:59:52

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.487	1.487	0.000	46883900	20.0	
2	1.318	1.319	-0.001	49352728	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.453	10.453	0.000	158889595	94.8	
2	8.855	8.864	-0.009	222412335	93.6	
					RPD = 1.19	

Reagents:

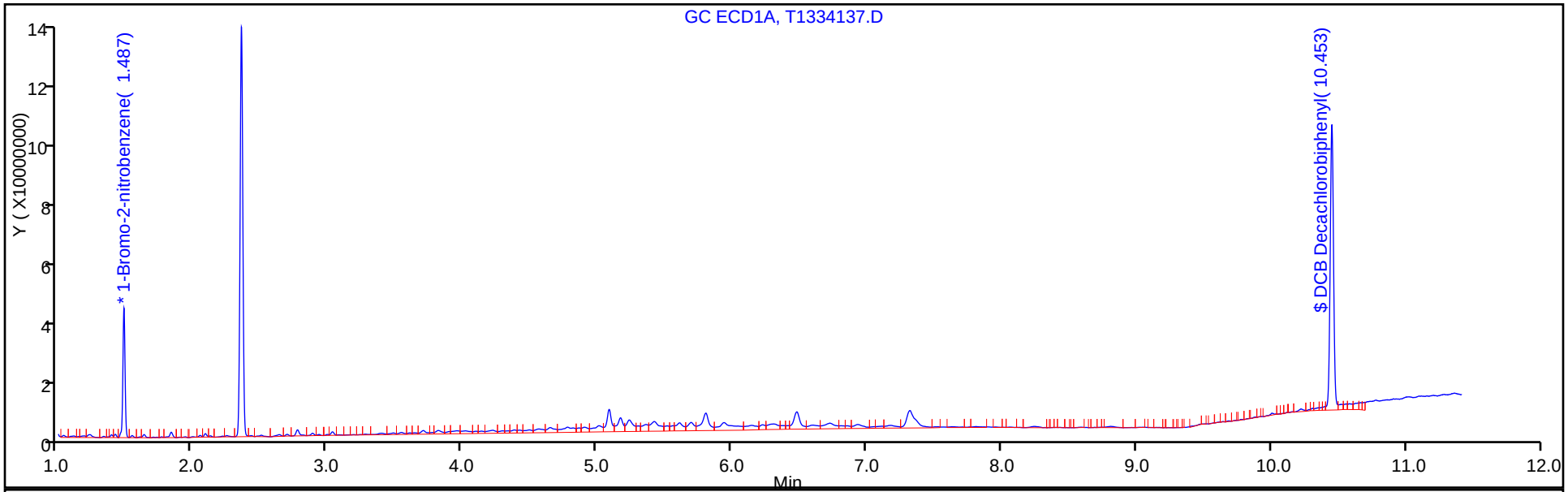
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

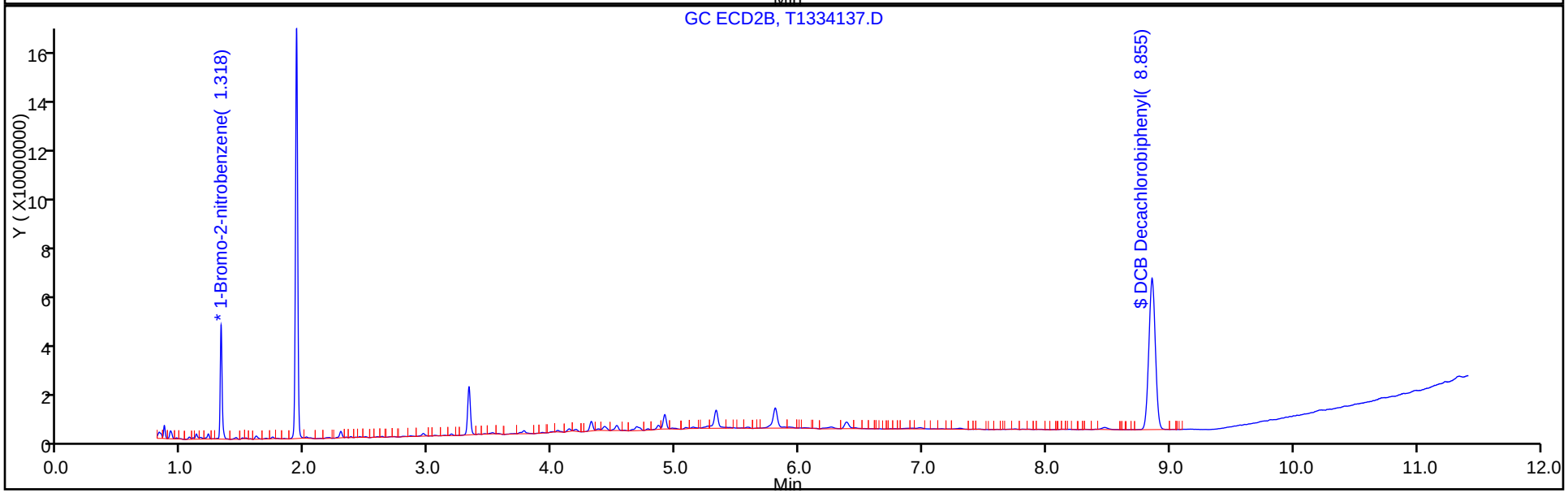
Report Date: 05-Oct-2016 10:44:04 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334137.D

Injection Date:	04-Oct-2016 17:45:29	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121167-F-8-A	Lab Sample ID:	460-121167-8	Worklist Smp#:	17
Client ID:	MW-6				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-6 | Lab Sample ID: 460-121167-8

Matrix: Water | Lab File ID: T1334137.D

Analysis Method: 8082A | Date Collected: 09/29/2016 14:35

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 17:45

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394836 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.098	U	0.40	0.098
11104-28-2	Aroclor 1221	0.098	U	0.40	0.098
11141-16-5	Aroclor 1232	0.098	U	0.40	0.098
53469-21-9	Aroclor 1242	0.098	U	0.40	0.098
12672-29-6	Aroclor 1248	0.098	U	0.40	0.098
11097-69-1	Aroclor 1254	0.084	U	0.40	0.084
11096-82-5	Aroclor 1260	0.084	U	0.40	0.084
37324-23-5	Aroclor 1262	0.084	U	0.40	0.084
11100-14-4	Aroclor 1268	0.084	U	0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	94		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334137.D
Lims ID: 460-121167-F-8-A
Client ID: MW-6
Sample Type: Client
Inject. Date: 04-Oct-2016 17:45:29 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-017
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:25 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 06:59:52

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.487	1.487	0.000	46883900	20.0	
2	1.318	1.319	-0.001	49352728	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.453	10.453	0.000	158889595	94.8	
2	8.855	8.864	-0.009	222412335	93.6	
					RPD = 1.19	

Reagents:

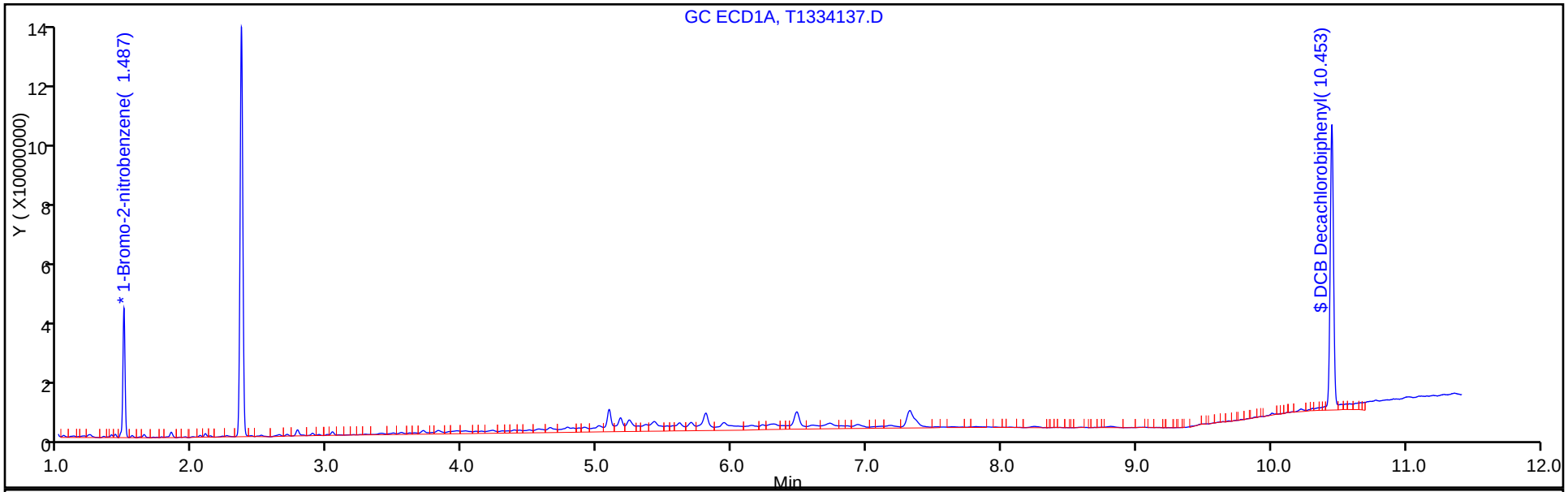
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

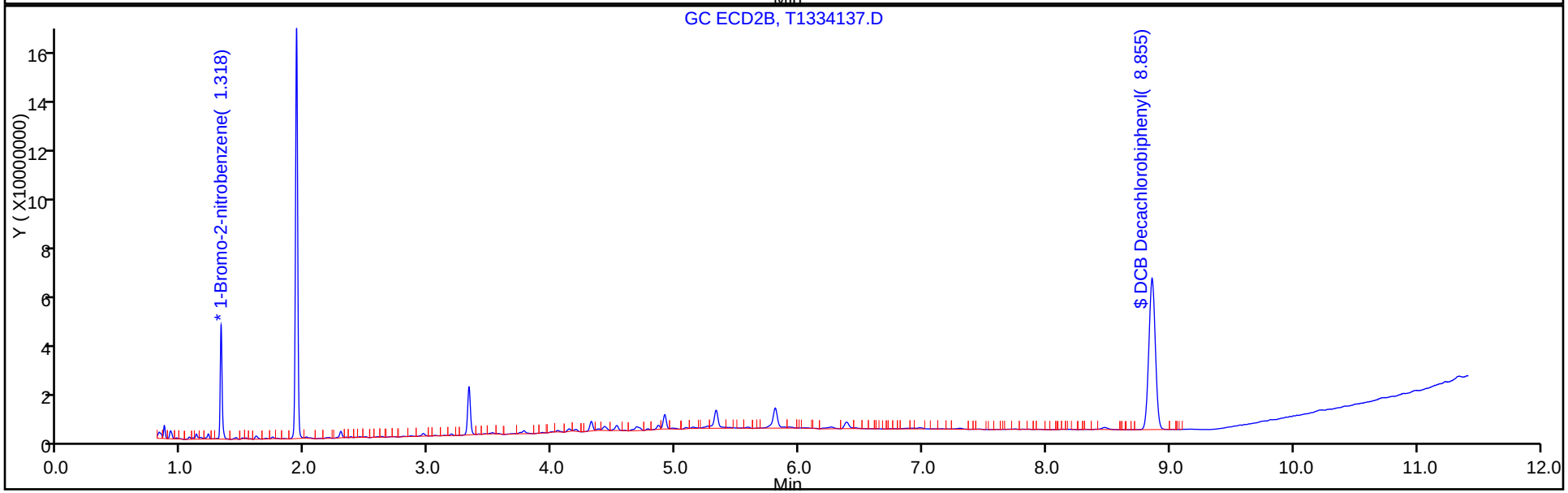
Report Date: 05-Oct-2016 10:44:05 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334137.D

Injection Date:	04-Oct-2016 17:45:29	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121167-F-8-A	Lab Sample ID:	460-121167-8	Worklist Smp#:	17
Client ID:	MW-6				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-6 Filtered Lab Sample ID: 460-121167-9

Matrix: Water Lab File ID: T1334138.D

Analysis Method: 8082A Date Collected: 09/29/2016 14:45

Extraction Method: 3510C Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) Date Analyzed: 10/04/2016 18:00

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 394836 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334138.D
Lims ID: 460-121167-F-9-A
Client ID: MW-6 Filtered
Sample Type: Client
Inject. Date: 04-Oct-2016 18:00:20 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-018
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:25 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 06:59:47

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.487	1.487	0.000	47106812	20.0	
2	1.318	1.319	-0.001	48972577	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.452	10.453	-0.001	169732672	100.7	
2	8.857	8.864	-0.007	239784983	101.7	
					RPD = 0.98	

Reagents:

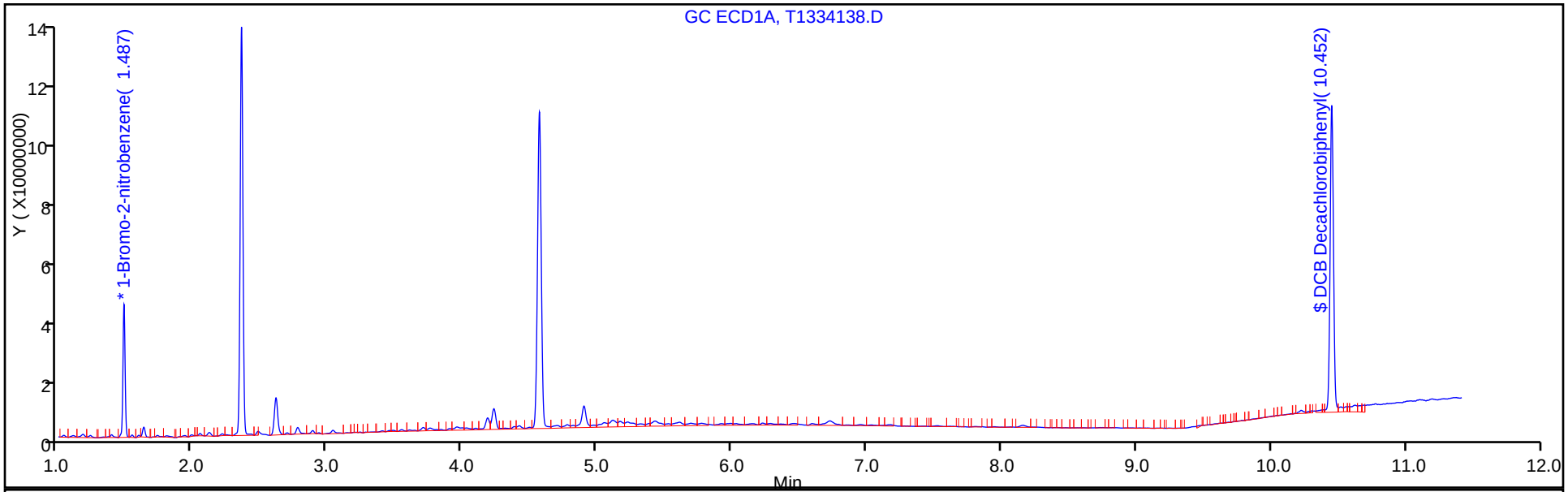
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

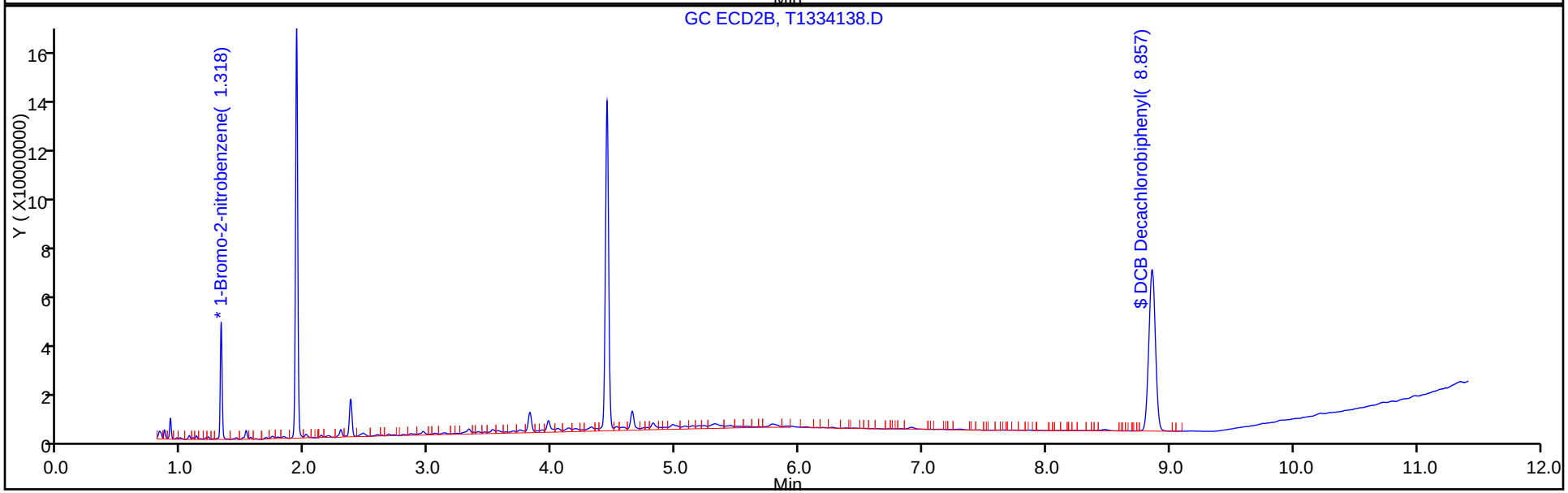
Report Date: 05-Oct-2016 10:44:07 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334138.D

Injection Date:	04-Oct-2016 18:00:20	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121167-F-9-A	Lab Sample ID:	460-121167-9	Worklist Smp#:	18
Client ID:	MW-6 Filtered				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-6 Filtered | Lab Sample ID: 460-121167-9

Matrix: Water | Lab File ID: T1334138.D

Analysis Method: 8082A | Date Collected: 09/29/2016 14:45

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 18:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394836 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.098	U	0.40	0.098
11104-28-2	Aroclor 1221	0.098	U	0.40	0.098
11141-16-5	Aroclor 1232	0.098	U	0.40	0.098
53469-21-9	Aroclor 1242	0.098	U	0.40	0.098
12672-29-6	Aroclor 1248	0.098	U	0.40	0.098
11097-69-1	Aroclor 1254	0.084	U	0.40	0.084
11096-82-5	Aroclor 1260	0.084	U	0.40	0.084
37324-23-5	Aroclor 1262	0.084	U	0.40	0.084
11100-14-4	Aroclor 1268	0.084	U	0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334138.D
Lims ID: 460-121167-F-9-A
Client ID: MW-6 Filtered
Sample Type: Client
Inject. Date: 04-Oct-2016 18:00:20 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-018
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:25 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 06:59:47

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.487	1.487	0.000	47106812	20.0	
2	1.318	1.319	-0.001	48972577	20.0	
				RPD =	0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.452	10.453	-0.001	169732672	100.7	
2	8.857	8.864	-0.007	239784983	101.7	
				RPD =	0.98	

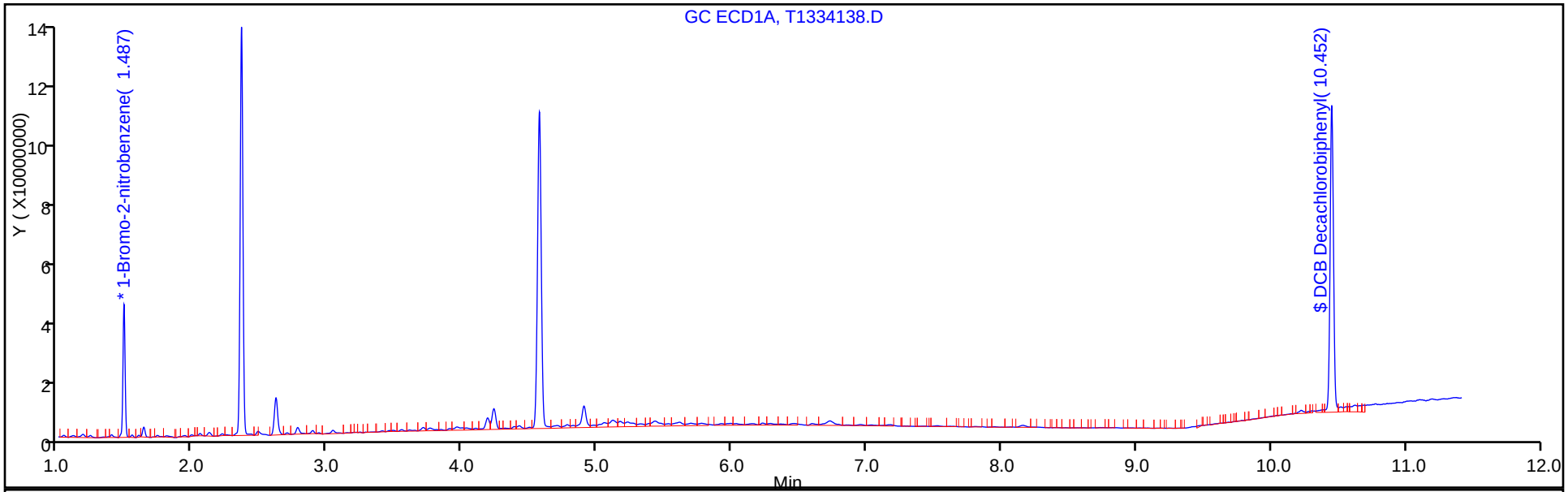
Reagents:

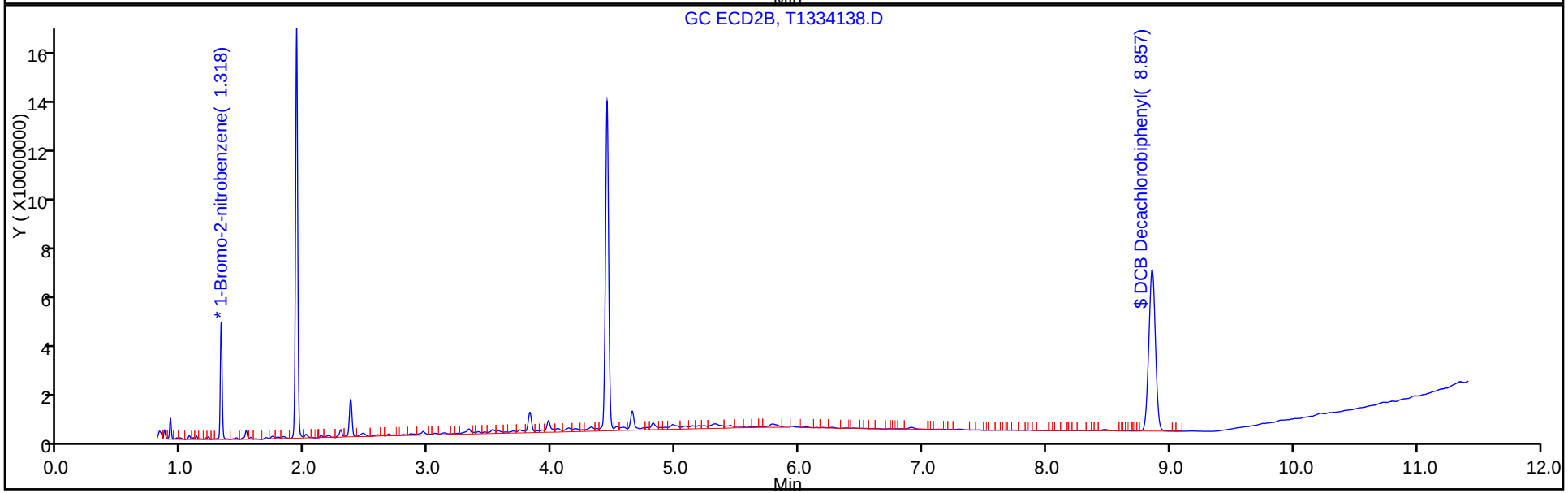
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 05-Oct-2016 10:44:07 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334138.D				
Injection Date:	04-Oct-2016 18:00:20	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121167-F-9-A	Lab Sample ID:	460-121167-9	Worklist Smp#:	18
Client ID:	MW-6 Filtered				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-8 Lab Sample ID: 460-121167-10

Matrix: Water Lab File ID: T1334167.D

Analysis Method: 8082A Date Collected: 09/29/2016 14:50

Extraction Method: 3510C Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) Date Analyzed: 10/05/2016 10:14

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 395004 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	66		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334167.D
Lims ID: 460-121167-D-10-A
Client ID: MW-8
Sample Type: Client
Inject. Date: 05-Oct-2016 10:14:56 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-016
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:38 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 10:35:52

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.488	1.490	-0.002	66075540	20.0	M
2	1.318	1.320	-0.002	54389264	20.0	M
					RPD = 0.00	
4 PCB-1242						M
1	2.923	2.932	-0.009	4406266	92.4	M
1	3.384	3.396	-0.012	15758286	168.5	M
1	3.653	3.664	-0.011	6425840	171.4	M
1	0.000	3.911	0.000	0	0	
1	4.051	4.066	-0.015	5717144	71.9	M
1	4.731	4.741	-0.010	8808084	119.6	M
1	5.033	5.041	-0.008	8233790	124.3	M
1	5.080	5.088	-0.008	11917665	161.4	M
		Average of Peak Amounts =			129.9	
2	2.283	2.281	0.002	6109372	155.1	M
2	2.629	2.631	-0.002	12928569	167.3	M
2	2.815	2.829	-0.014	13095874	253.8	M
2	3.102	3.100	0.002	14011212	82.4	M
2	3.258	3.237	0.021	6924498	98.1	M
2	3.667	3.669	-0.002	20482105	288.4	M
2	4.119	4.122	-0.003	12985380	115.7	M
2	4.354	4.353	0.001	3608508	82.3	
		Average of Peak Amounts =			155.4	
					RPD = 17.83	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.456	10.460	-0.004	155440059	65.8	
2	8.856	8.864	-0.008	223128402	85.2	
					RPD = 25.78	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

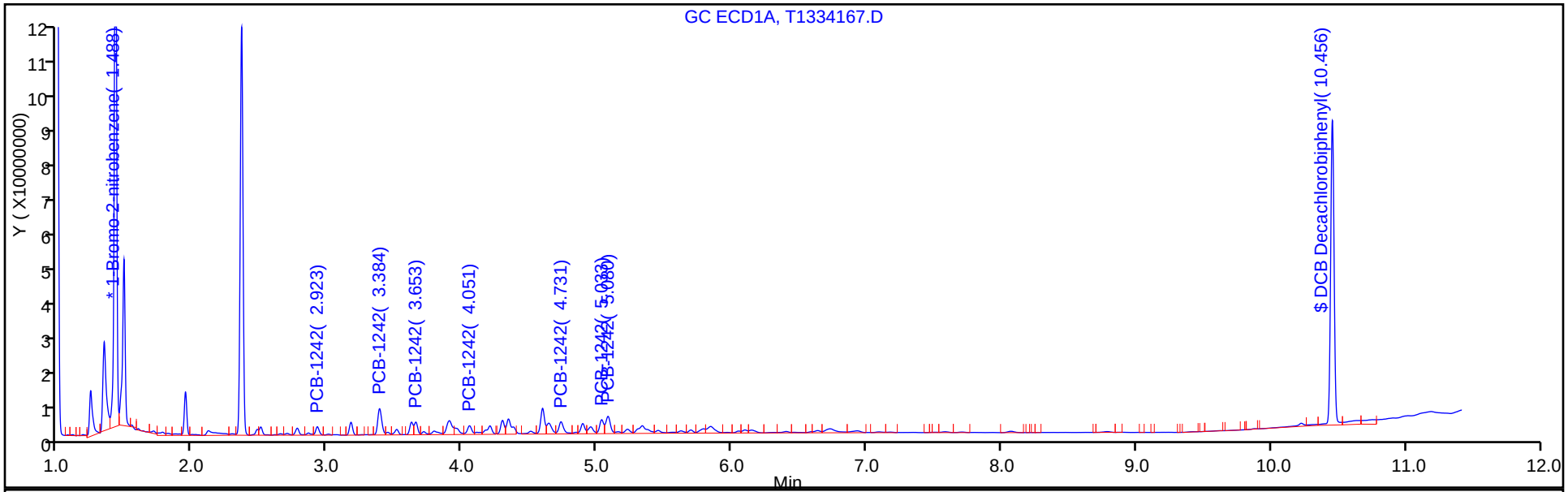
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

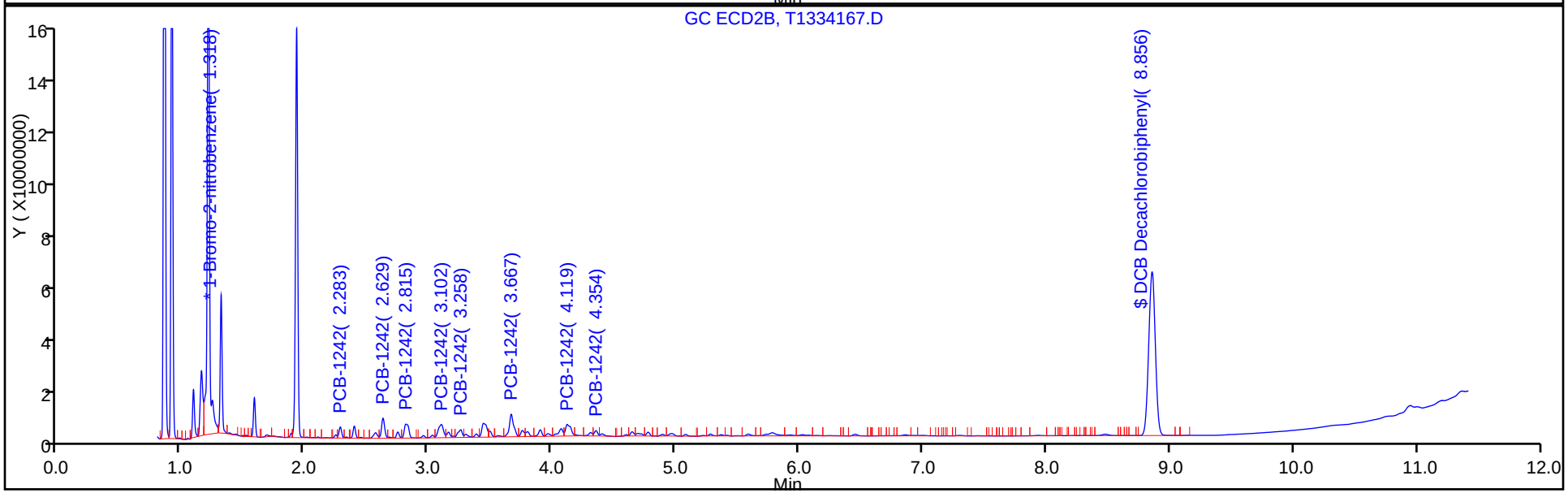
Report Date: 05-Oct-2016 11:10:28 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334167.D

Injection Date:	05-Oct-2016 10:14:56	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121167-D-10-A	Lab Sample ID:	460-121167-10	Worklist Smp#:	16
Client ID:	MW-8				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





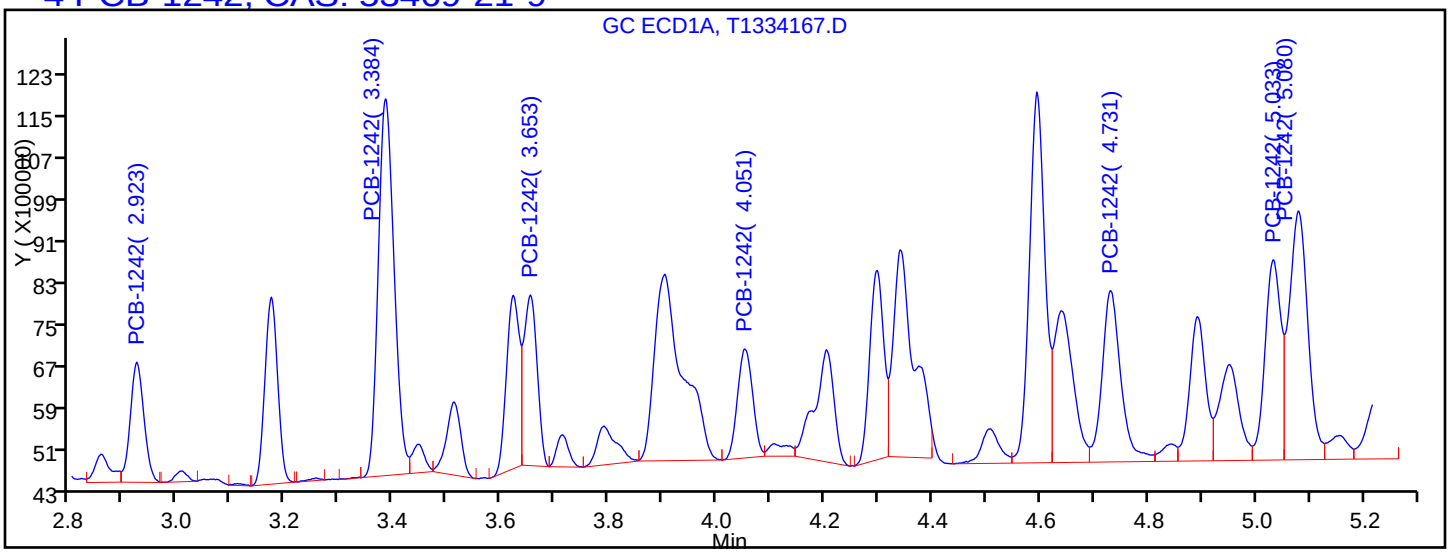
Report Date: 05-Oct-2016 11:10:28 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334167.D

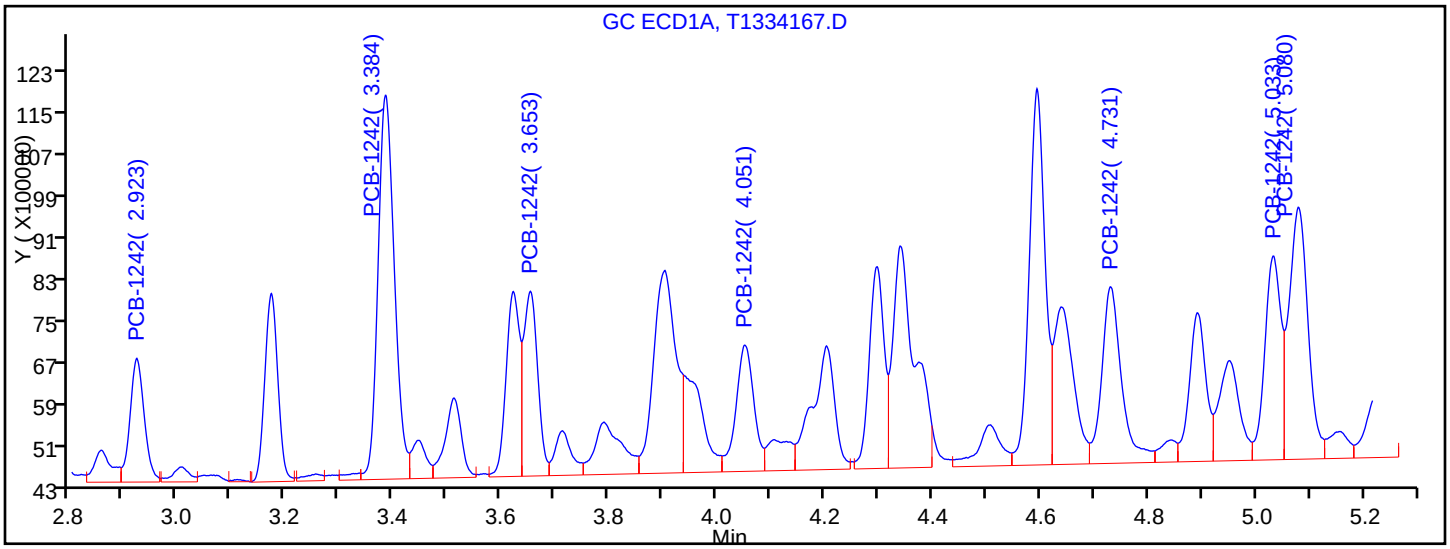
Injection Date:	05-Oct-2016 10:14:56	Instrument ID:	CPESTGC11		
Lims ID:	460-121167-D-10-A	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

2.923	Response = 4092032
3.384	Response = 14953198
3.653	Response = 5597409
3.903	Response = 13094092
4.051	Response = 4129779
4.731	Response = 8059706
5.033	Response = 7971065
5.080	Response = 11616361



Manual Integration Results

2.923	Response = 4406266	M
3.384	Response = 15758286	M
3.653	Response = 6425840	M
3.911	Response = 0	
4.051	Response = 5717144	M
4.731	Response = 8808084	M

TestAmerica Edison

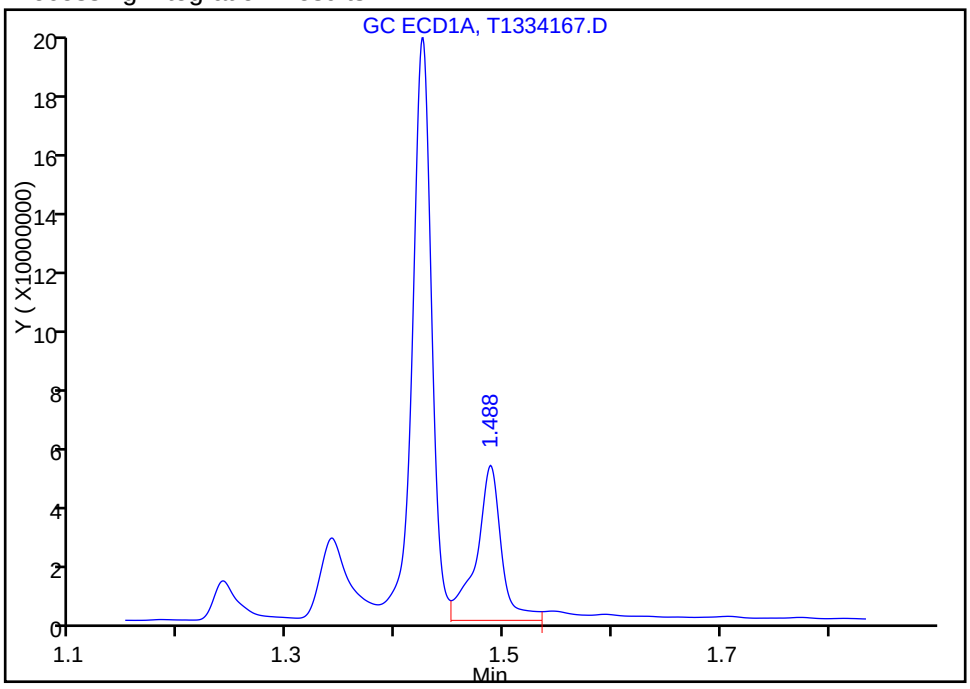
Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334167.D		
Injection Date:	05-Oct-2016 10:14:56	Instrument ID:	CPESTGC11
Lims ID:	460-121167-D-10-A	Lab Sample ID:	460-121167-10
Client ID:	MW-8		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD1A

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 1

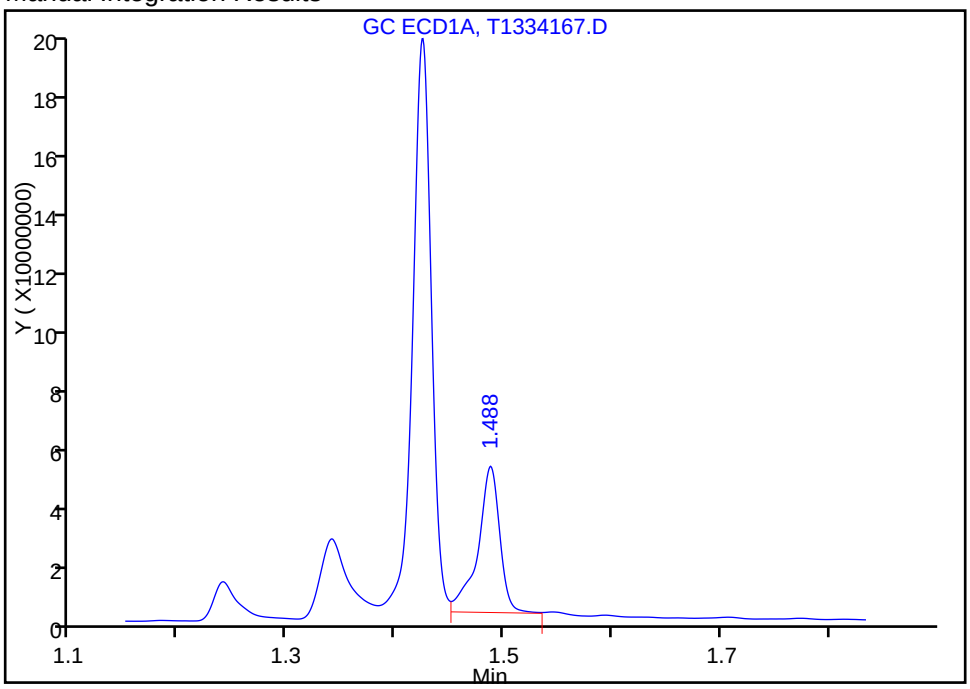
Processing Integration Results

RT: 1.49
Area: 80005526
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.49
Area: 66075540
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 05-Oct-2016 10:35:52
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: MW-8 | Lab Sample ID: 460-121167-10

Matrix: Water | Lab File ID: T1334167.D

Analysis Method: 8082A | Date Collected: 09/29/2016 14:50

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/05/2016 10:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 395004 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.098	U	0.40	0.098
11104-28-2	Aroclor 1221	0.098	U	0.40	0.098
11141-16-5	Aroclor 1232	0.098	U	0.40	0.098
53469-21-9	Aroclor 1242	0.62		0.40	0.098
12672-29-6	Aroclor 1248	0.098	U	0.40	0.098
11097-69-1	Aroclor 1254	0.084	U	0.40	0.084
11096-82-5	Aroclor 1260	0.084	U	0.40	0.084
37324-23-5	Aroclor 1262	0.084	U	0.40	0.084
11100-14-4	Aroclor 1268	0.084	U	0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334167.D
Lims ID: 460-121167-D-10-A
Client ID: MW-8
Sample Type: Client
Inject. Date: 05-Oct-2016 10:14:56 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-016
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:38 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 10:35:52

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.488	1.490	-0.002	66075540	20.0	M
2	1.318	1.320	-0.002	54389264	20.0	M
					RPD = 0.00	
4 PCB-1242						M
1	2.923	2.932	-0.009	4406266	92.4	M
1	3.384	3.396	-0.012	15758286	168.5	M
1	3.653	3.664	-0.011	6425840	171.4	M
1	0.000	3.911	0.000	0	0	
1	4.051	4.066	-0.015	5717144	71.9	M
1	4.731	4.741	-0.010	8808084	119.6	M
1	5.033	5.041	-0.008	8233790	124.3	M
1	5.080	5.088	-0.008	11917665	161.4	M
		Average of Peak Amounts =			129.9	
2	2.283	2.281	0.002	6109372	155.1	M
2	2.629	2.631	-0.002	12928569	167.3	M
2	2.815	2.829	-0.014	13095874	253.8	M
2	3.102	3.100	0.002	14011212	82.4	M
2	3.258	3.237	0.021	6924498	98.1	M
2	3.667	3.669	-0.002	20482105	288.4	M
2	4.119	4.122	-0.003	12985380	115.7	M
2	4.354	4.353	0.001	3608508	82.3	
		Average of Peak Amounts =			155.4	
					RPD = 17.83	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.456	10.460	-0.004	155440059	65.8	
2	8.856	8.864	-0.008	223128402	85.2	
					RPD = 25.78	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

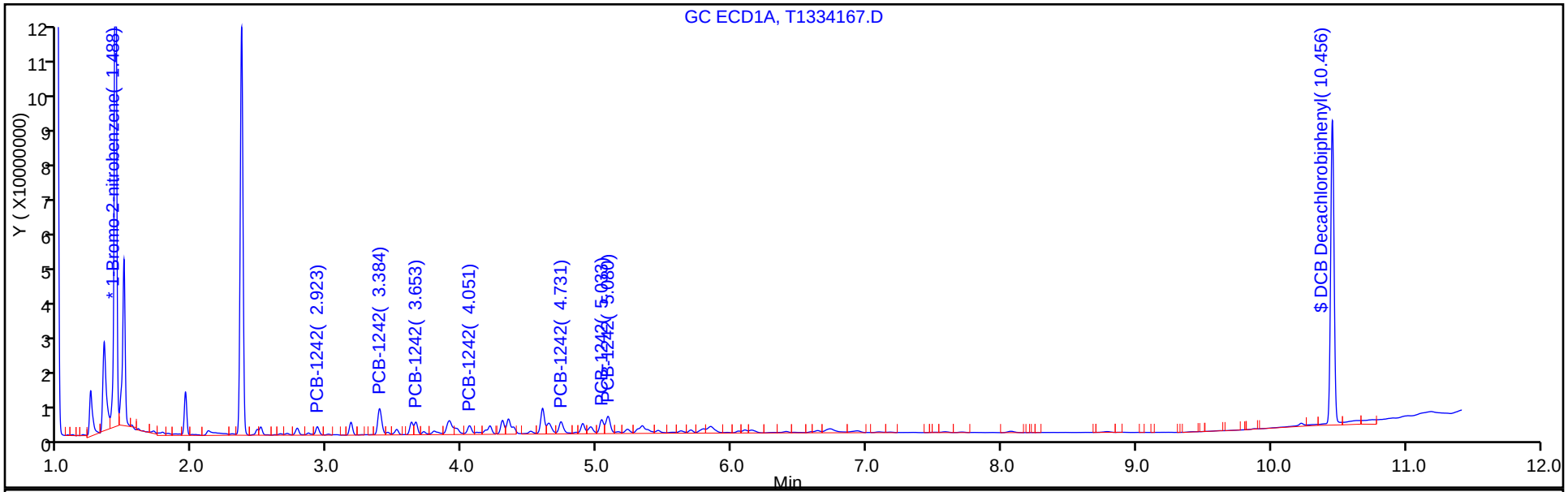
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

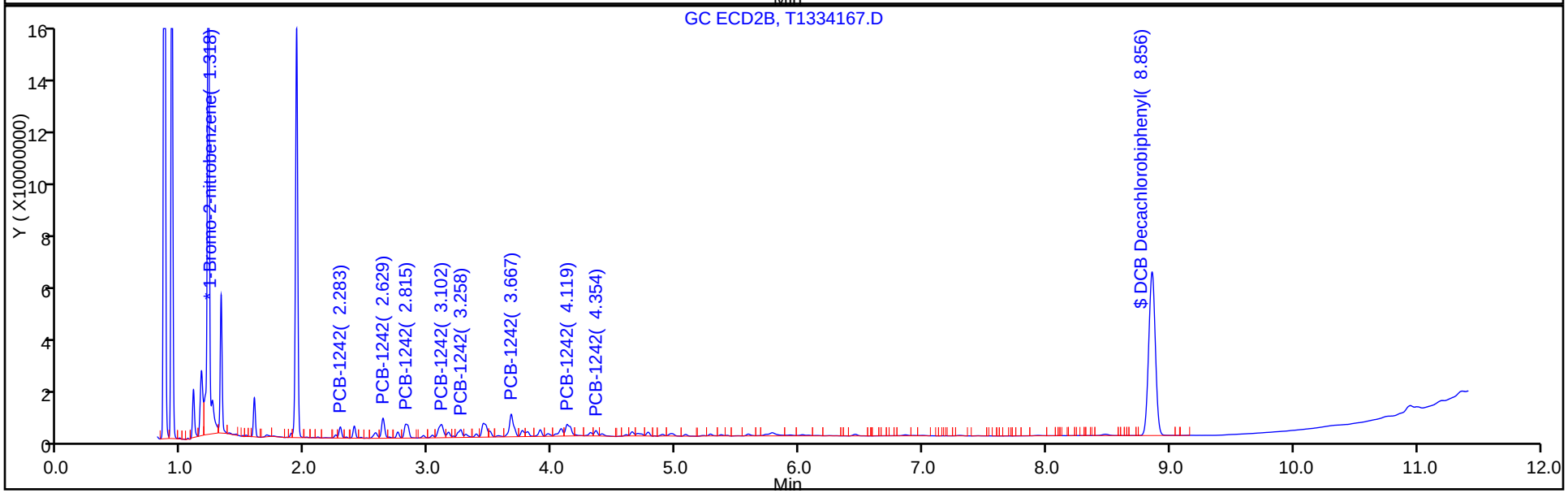
Report Date: 05-Oct-2016 11:10:29 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334167.D

Injection Date:	05-Oct-2016 10:14:56	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121167-D-10-A	Lab Sample ID:	460-121167-10	Worklist Smp#:	16
Client ID:	MW-8				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





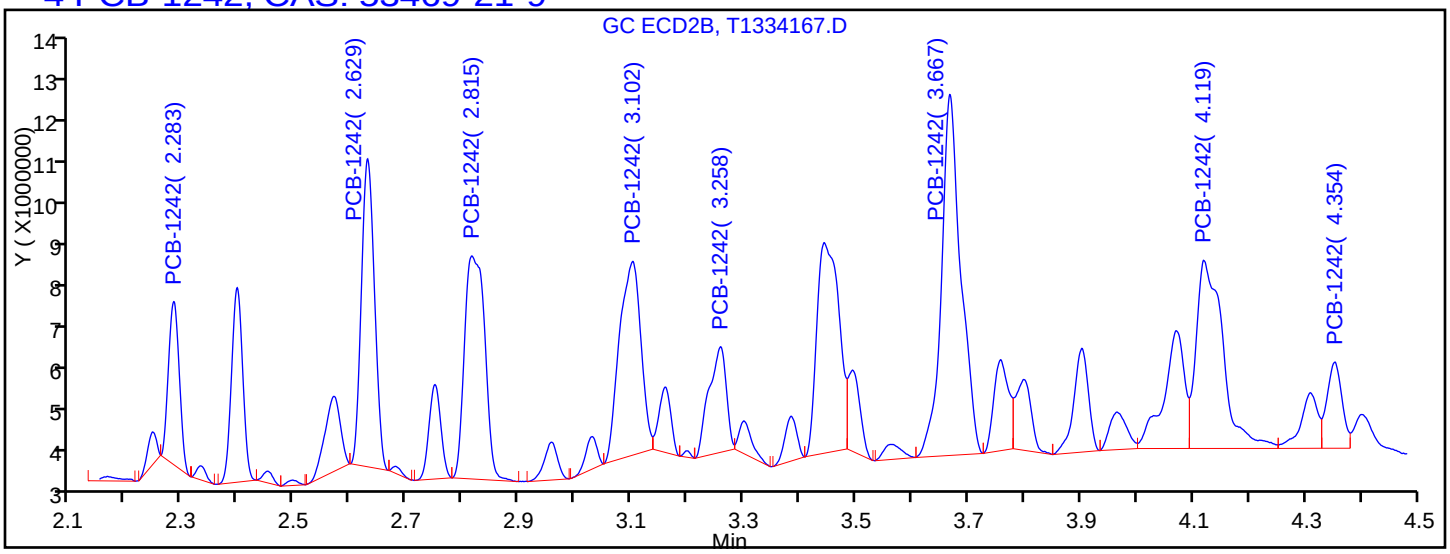
Report Date: 05-Oct-2016 11:10:29 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334167.D

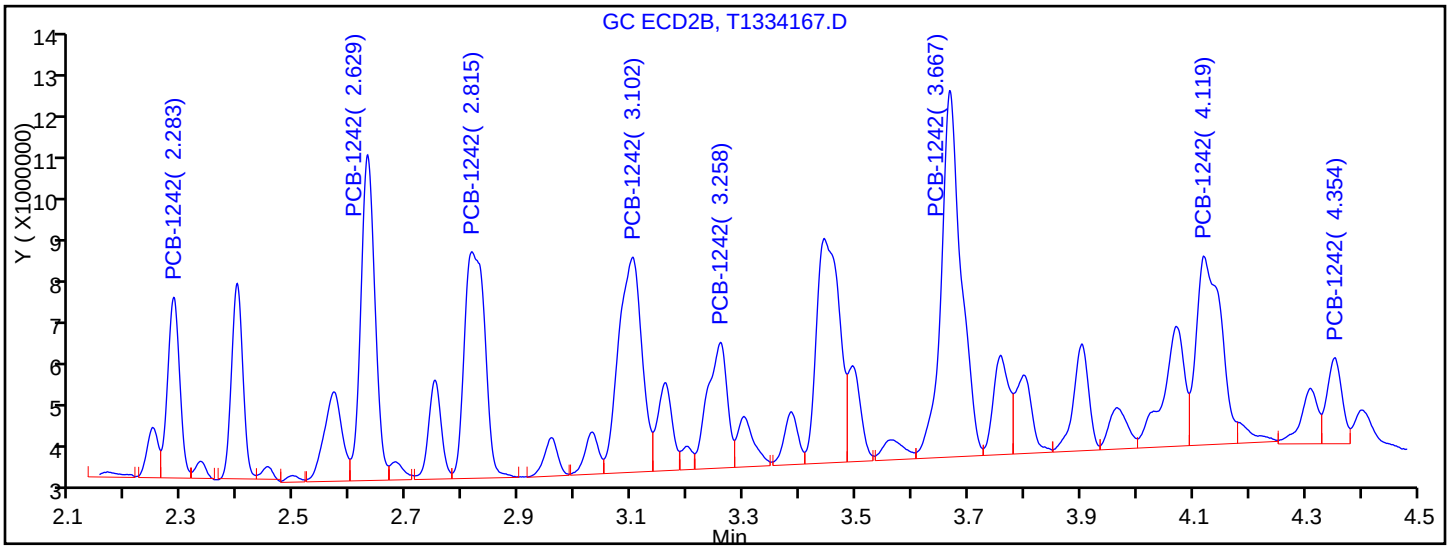
Injection Date:	05-Oct-2016 10:14:56	Instrument ID:	CPESTGC11		
Lims ID:	460-121167-D-10-A	Lab Sample ID:	460-121167-10		
Client ID:	MW-8				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

2.283	Response = 4923733
2.629	Response = 11256080
2.815	Response = 12632822
3.102	Response = 11598086
3.258	Response = 5100171
3.667	Response = 19490644
4.119	Response = 13938064
4.354	Response = 3608508



Manual Integration Results

2.283	Response = 6109372	M
2.629	Response = 12928569	M
2.815	Response = 13095874	M
3.102	Response = 14011212	M
3.258	Response = 6924498	M
3.667	Response = 20482105	M

TestAmerica Edison

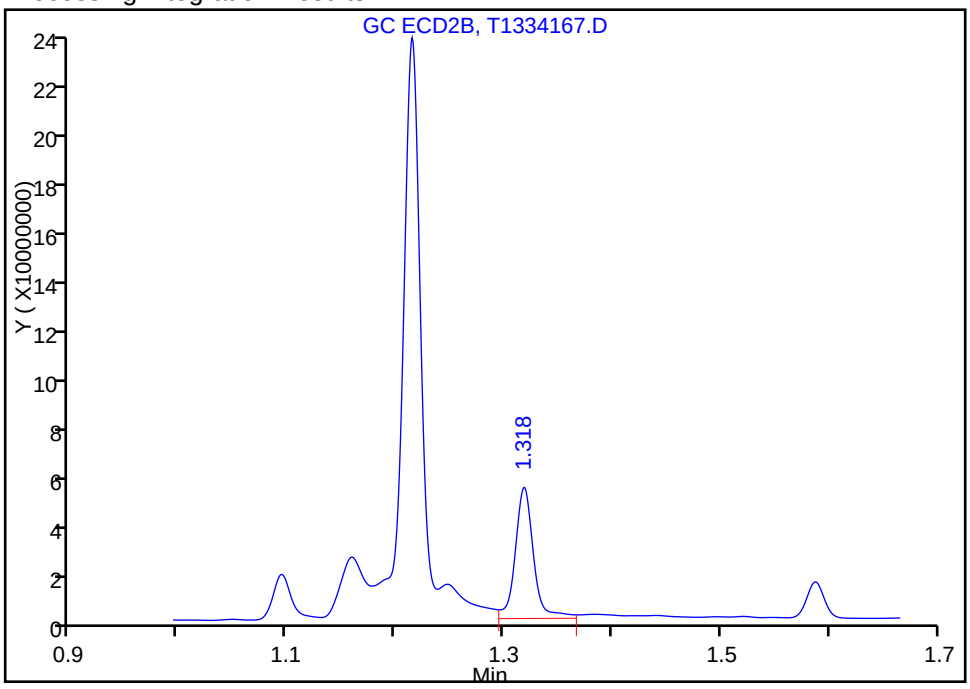
Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334167.D		
Injection Date:	05-Oct-2016 10:14:56	Instrument ID:	CPESTGC11
Lims ID:	460-121167-D-10-A	Lab Sample ID:	460-121167-10
Client ID:	MW-8		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD2B

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

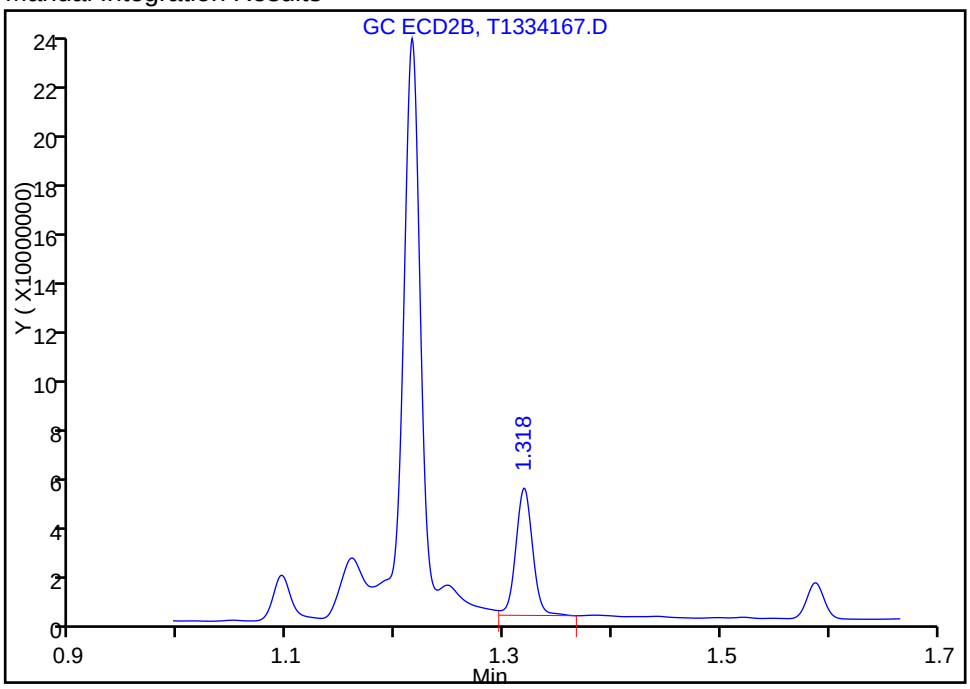
Processing Integration Results

RT: 1.32
Area: 60952881
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.32
Area: 54389264
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 05-Oct-2016 10:35:52
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Client Sample ID: FB-20160929 Lab Sample ID: 460-121167-11

Matrix: Water Lab File ID: T1334140.D

Analysis Method: 8082A Date Collected: 09/29/2016 15:40

Extraction Method: 3510C Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) Date Analyzed: 10/04/2016 18:30

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 394836 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334140.D
Lims ID: 460-121167-F-11-A
Client ID: FB-20160929
Sample Type: Client
Inject. Date: 04-Oct-2016 18:30:00 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-020
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:25 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 06:59:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.487	1.487	0.000	44014788	20.0	
2	1.318	1.319	-0.001	45918180	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.448	10.453	-0.005	170711981	108.4	
2	8.857	8.864	-0.007	236917057	107.2	
					RPD = 1.15	

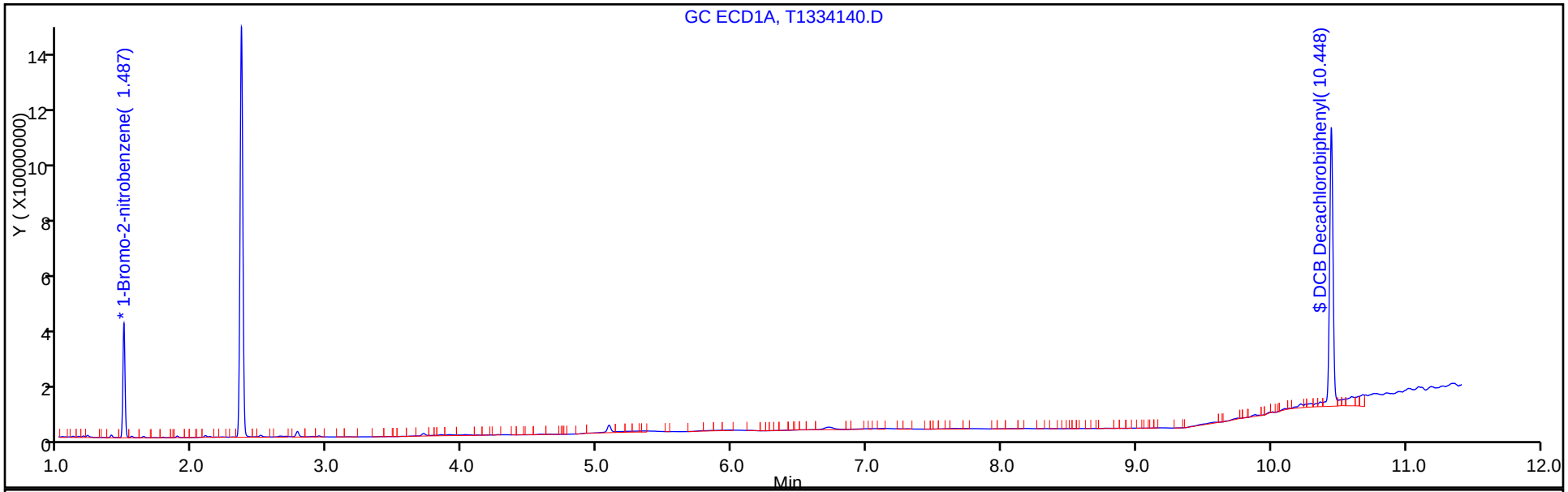
Reagents:

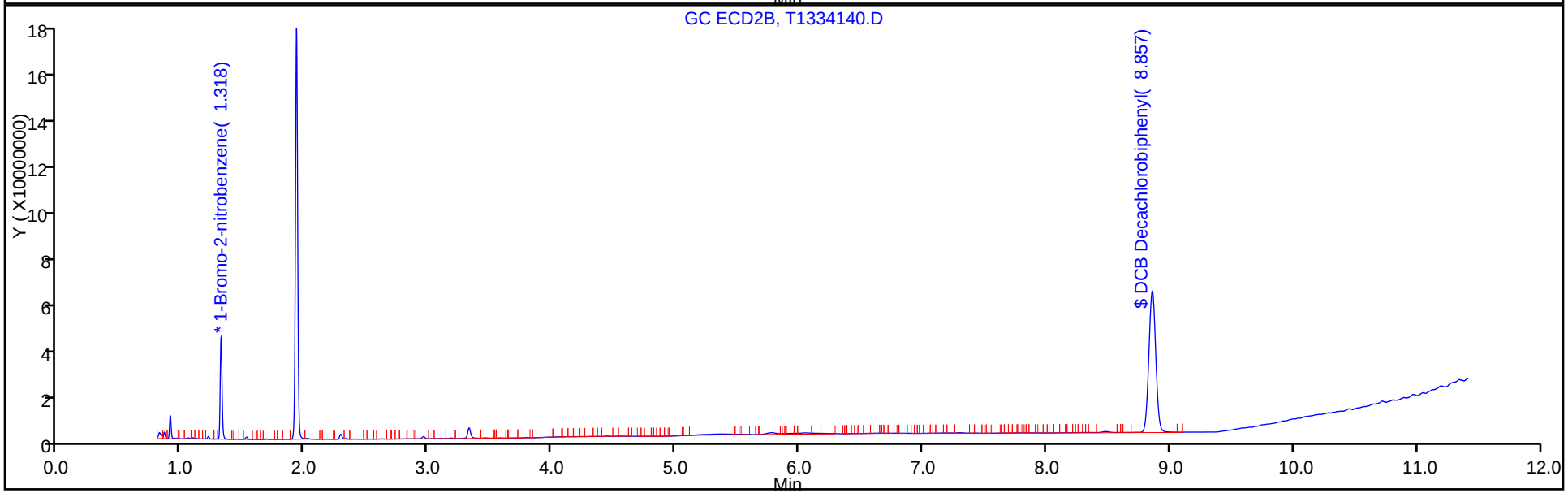
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 05-Oct-2016 10:44:16 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334140.D				
Injection Date:	04-Oct-2016 18:30:00	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121167-F-11-A	Lab Sample ID:	460-121167-11	Worklist Smp#:	20
Client ID:	FB-20160929				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: FB-20160929 | Lab Sample ID: 460-121167-11

Matrix: Water | Lab File ID: T1334140.D

Analysis Method: 8082A | Date Collected: 09/29/2016 15:40

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 18:30

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394836 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.098	U	0.40	0.098
11104-28-2	Aroclor 1221	0.098	U	0.40	0.098
11141-16-5	Aroclor 1232	0.098	U	0.40	0.098
53469-21-9	Aroclor 1242	0.098	U	0.40	0.098
12672-29-6	Aroclor 1248	0.098	U	0.40	0.098
11097-69-1	Aroclor 1254	0.084	U	0.40	0.084
11096-82-5	Aroclor 1260	0.084	U	0.40	0.084
37324-23-5	Aroclor 1262	0.084	U	0.40	0.084
11100-14-4	Aroclor 1268	0.084	U	0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	107		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334140.D
Lims ID: 460-121167-F-11-A
Client ID: FB-20160929
Sample Type: Client
Inject. Date: 04-Oct-2016 18:30:00 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-020
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:25 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 06:59:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.487	1.487	0.000	44014788	20.0	
2	1.318	1.319	-0.001	45918180	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.448	10.453	-0.005	170711981	108.4	
2	8.857	8.864	-0.007	236917057	107.2	
					RPD = 1.15	

Reagents:

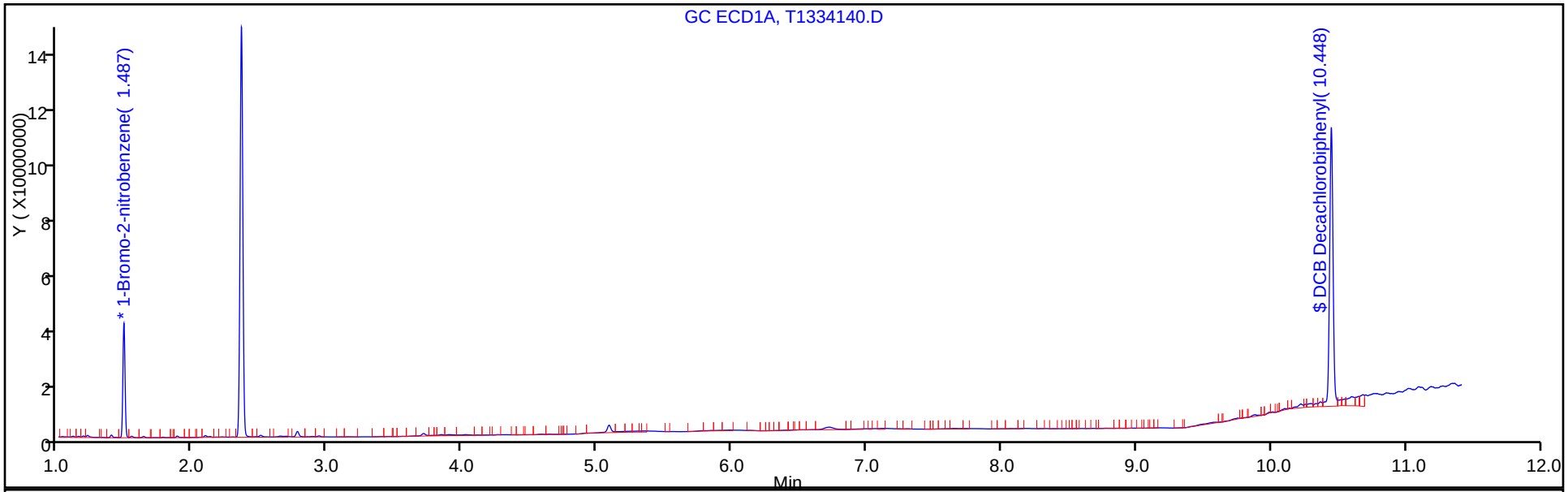
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

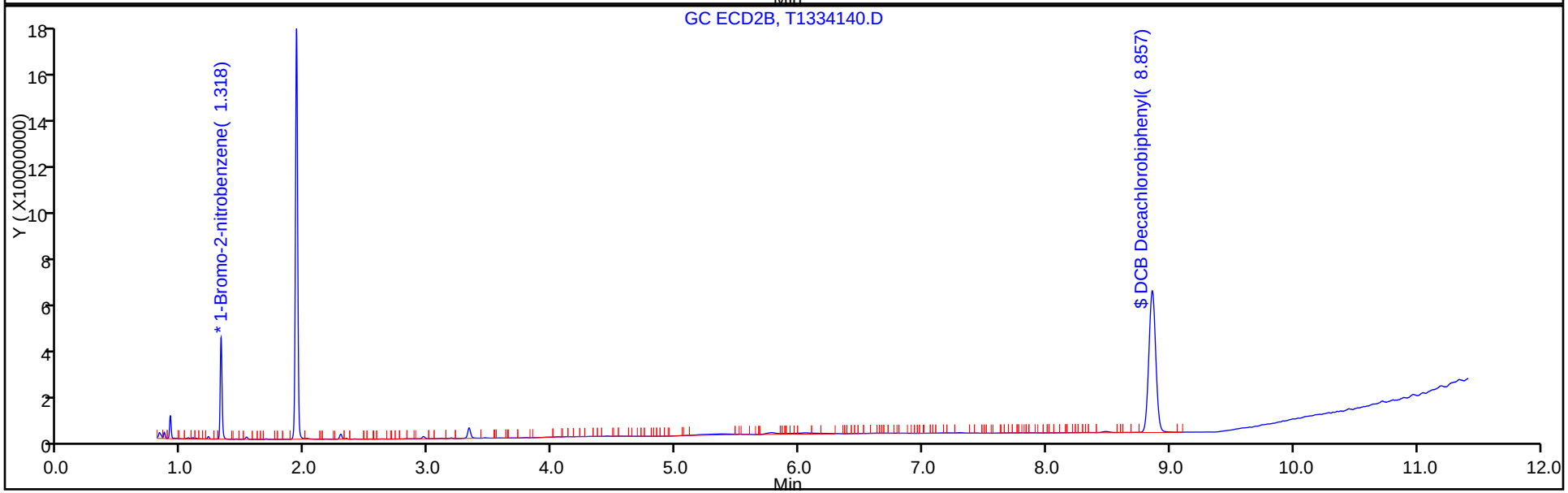
Report Date: 05-Oct-2016 10:44:16 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334140.D

Injection Date:	04-Oct-2016 18:30:00	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121167-F-11-A	Lab Sample ID:	460-121167-11	Worklist Smp#:	20
Client ID:	FB-20160929				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 16:49 Calibration End Date: 06/17/2016 17:47 Calibration ID: 56313

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/2	T1329657.D
Level 2	IC 460-374290/3	T1329658.D
Level 3	IC 460-374290/4	T1329659.D
Level 4	IC 460-374290/5	T1329660.D
Level 5	IC 460-374290/6	T1329661.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0183	0.0163	0.0156	0.0163	0.0156	Ave		0.0164				6.6		20.0			0.9900
PCB-1016 Peak 2	0.0342	0.0327	0.0316	0.0322	0.0312	Ave		0.0323				3.6		20.0			0.9900
PCB-1016 Peak 3	0.0174	0.0138	0.0125	0.0135	0.0133	Ave		0.0141				13.6		20.0			0.9900
PCB-1016 Peak 4	0.0705	0.0658	0.0640	0.0658	0.0640	Ave		0.0660				4.0		20.0			0.9900
PCB-1016 Peak 5	0.0308	0.0275	0.0267	0.0275	0.0267	Ave		0.0278				6.2		20.0			0.9900
PCB-1016 Peak 6	0.0142	0.0146	0.0141	0.0146	0.0141	Ave		0.0143				1.8		20.0			0.9900
PCB-1016 Peak 7	0.0241	0.0221	0.0216	0.0220	0.0213	Ave		0.0222				5.0		20.0			0.9900
PCB-1016 Peak 8	0.0248	0.0246	0.0243	0.0249	0.0242	Ave		0.0246				1.3		20.0			0.9900
PCB-1260 Peak 1	0.0207	0.0214	0.0214	0.0214	0.0209	Ave		0.0211				1.6		20.0			0.9900
PCB-1260 Peak 2	0.0456	0.0446	0.0446	0.0444	0.0432	Ave		0.0445				1.9		20.0			0.9900
PCB-1260 Peak 3	0.0533	0.0528	0.0521	0.0516	0.0500	Ave		0.0520				2.4		20.0			0.9900
PCB-1260 Peak 4	0.0412	0.0433	0.0422	0.0418	0.0405	Ave		0.0418				2.5		20.0			0.9900
PCB-1260 Peak 5	0.0469	0.0468	0.0464	0.0458	0.0445	Ave		0.0461				2.1		20.0			0.9900
PCB-1260 Peak 6	0.0973	0.0989	0.0975	0.0963	0.0939	Ave		0.0968				1.9		20.0			0.9900
PCB-1260 Peak 7	0.0756	0.0740	0.0717	0.0704	0.0706	Ave		0.0725				3.1		20.0			0.9900
PCB-1260 Peak 8	0.0279	0.0271	0.0265	0.0265	0.0261	Ave		0.0268				2.6		20.0			0.9900
Tetrachloro-m-xylene	0.8662	0.9111	0.8689	0.8775	0.8840	Ave		0.8815				2.0		20.0			0.9900
DCB Decachlorobiphenyl	0.7260	0.7319	0.7194	0.6940	0.7053	Ave		0.7153				2.2		20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 16:49 Calibration End Date: 06/17/2016 17:47 Calibration ID: 56313

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/2	T1329657.D
Level 2	IC 460-374290/3	T1329658.D
Level 3	IC 460-374290/4	T1329659.D
Level 4	IC 460-374290/5	T1329660.D
Level 5	IC 460-374290/6	T1329661.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	2383471	19947747	37214464	58856970	94368056	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	4450942	39847649	75127788	116217693	188148070	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	2265887	16821854	29679246	48670211	80291841	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	9187173	80280216	152282244	237555906	386108517	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	4013840	33578572	63515995	99201310	160901993	50.0	500	1000	1500	2500
PCB-1016 Peak 6	BNB	Ave	1851014	17797798	33548865	52581109	84995899	50.0	500	1000	1500	2500
PCB-1016 Peak 7	BNB	Ave	3145812	26928358	51363153	79442295	128519270	50.0	500	1000	1500	2500
PCB-1016 Peak 8	BNB	Ave	3235444	30040601	57737690	89996046	146139896	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	2696008	26169828	50827089	77203552	125996858	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	5939775	54445319	106245724	160164329	260766285	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	6940606	64474128	124113120	186376539	302059609	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	5368130	52790602	100581197	150841048	244502543	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	6106642	57153947	110461120	165302329	268936894	50.0	500	1000	1500	2500
PCB-1260 Peak 6	BNB	Ave	12678163	120701616	232150751	347385866	566902787	50.0	500	1000	1500	2500
PCB-1260 Peak 7	BNB	Ave	9853674	90244352	170793787	254181707	426186386	50.0	500	1000	1500	2500
PCB-1260 Peak 8	BNB	Ave	3636685	33015803	63183426	95617467	157407607	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	28223476	111178386	206845811	316646455	426956448	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	23654358	89311814	171272113	250450560	340655792	12.5	50.0	100	150	200

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329657.D
Lims ID: IC PCB 1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 17-Jun-2016 16:49:49 ALS Bottle#: 3 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-002
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:10:51 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:17

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.533	1.534	-0.001	52132508	20.0	20.0	
2	1.367	1.368	-0.001	44247020	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.425	2.426	-0.001	28223476	12.5	12.3	
2	1.998	1.999	-0.001	23622105	12.5	11.9	
						RPD = 3.23	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.997	2.998	-0.001	2383471	50.0	55.6	
1	3.466	3.465	0.001	4450942	50.0	52.8	
1	3.743	3.738	0.005	2265887	50.0	61.7	M
1	3.985	3.985	0.000	9187173	50.0	53.4	
1	4.142	4.142	0.000	4013840	50.0	55.3	M
1	4.382	4.384	-0.002	1851014	50.0	49.6	
1	4.682	4.684	-0.002	3145812	50.0	54.3	
1	4.822	4.822	0.000	3235444	50.0	50.5	M
		Average of Peak Amounts =				54.2	
2	2.360	2.360	0.000	1988791	50.0	54.2	
2	2.717	2.718	-0.001	3657353	50.0	51.0	
2	2.922	2.921	0.001	2367984	50.0	49.5	
2	3.193	3.194	-0.001	7940401	50.0	49.8	
2	3.332	3.333	-0.001	3200676	50.0	48.6	
2	3.397	3.397	0.000	2246628	50.0	55.3	
2	3.769	3.770	-0.001	3519821	50.0	52.8	
2	3.859	3.860	-0.001	1898528	50.0	51.0	
		Average of Peak Amounts =				51.5	
						RPD = 5.02	
8 PCB-1260							M
1	5.996	5.996	0.000	2696008	50.0	48.9	
1	6.209	6.211	-0.002	5939775	50.0	51.2	
1	6.520	6.521	-0.001	6940606	50.0	51.2	M
1	7.225	7.228	-0.003	5368130	50.0	49.3	M
1	7.734	7.735	-0.001	6106642	50.0	50.8	
1	8.230	8.230	0.000	12678163	50.0	50.3	
1	8.962	8.960	0.002	9853674	50.0	52.2	
1	9.979	9.979	0.000	3636685	50.0	52.0	
		Average of Peak Amounts =				50.7	
2	5.090	5.091	-0.001	4924424	50.0	51.3	M
2	5.707	5.708	-0.001	8504377	50.0	51.3	M
2	5.855	5.855	0.000	5791258	50.0	57.3	M
2	6.161	6.162	-0.001	5479148	50.0	53.4	M
2	6.599	6.600	-0.001	11492180	50.0	50.5	M
2	7.017	7.019	-0.002	6090276	50.0	52.0	M
2	7.159	7.160	-0.001	3541594	50.0	53.0	M
2	8.120	8.119	0.001	3234769	50.0	49.2	
		Average of Peak Amounts =				52.2	
						RPD = 2.92	
$ 11 DCB Decachlorobiphenyl							M
1	10.541	10.542	-0.001	23654358	12.5	12.7	M
2	9.067	9.070	-0.003	28261365	12.5	13.3	
						RPD = 4.50	
S 12 Polychlorinated biphenyls, Total							
1						104.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

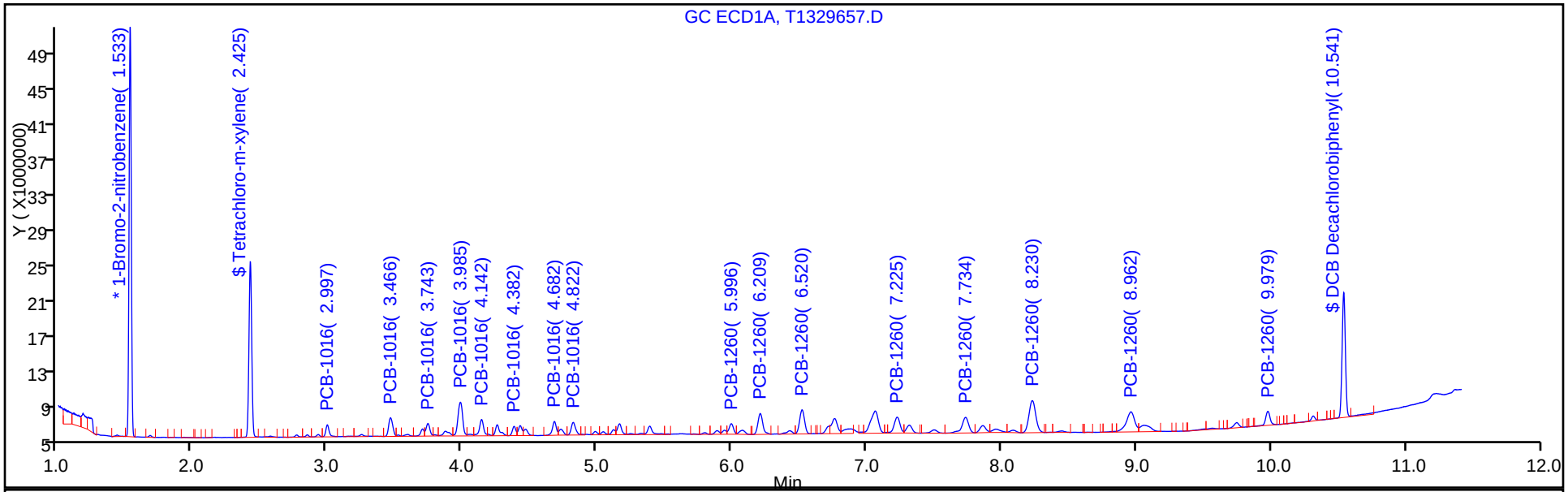
SG1660(LVI)L1_00009	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

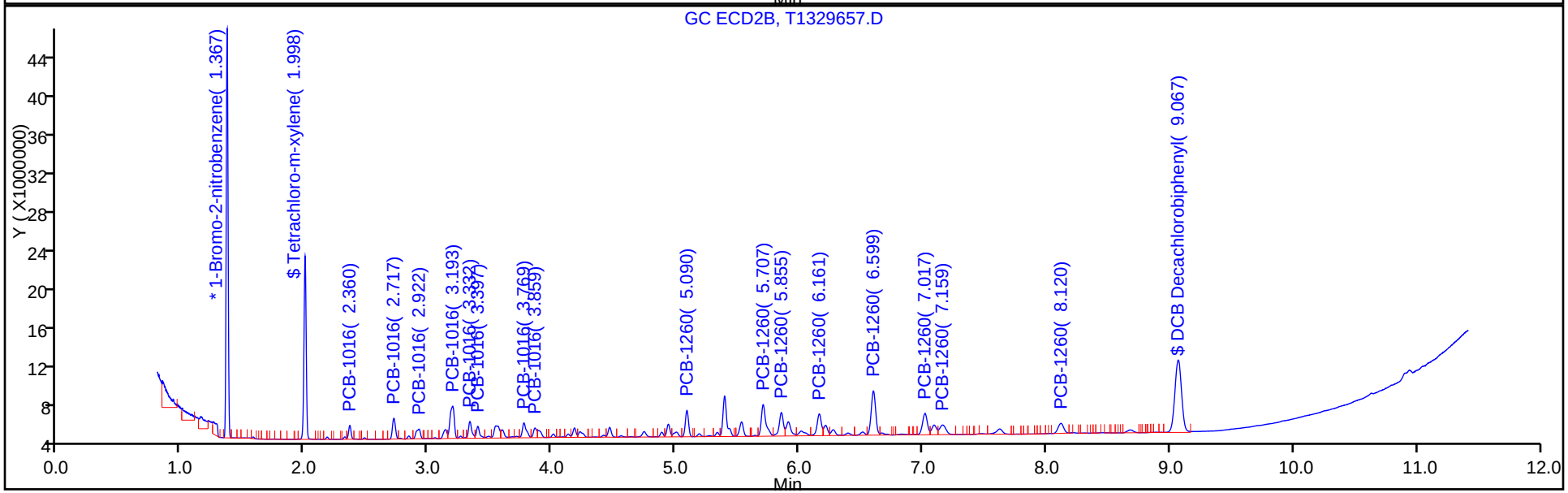
Report Date: 19-Jun-2016 09:10:57 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329657.D

Injection Date:	17-Jun-2016 16:49:49	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 1			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329658.D
Lims ID: IC PCB 2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 17-Jun-2016 17:04:19 ALS Bottle#: 4 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-003
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:00 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:11

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	48810751	20.0	20.0	
2	1.367	1.368	-0.001	41476835	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.426	2.426	0.000	111178386	50.0	51.7	
2	1.998	1.999	-0.001	98412532	50.0	52.9	
						RPD = 2.25	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.997	2.998	-0.001	19947747	500.0	497.1	
1	3.466	3.465	0.001	39847649	500.0	504.8	M
1	3.738	3.738	0.000	16821854	500.0	489.4	M
1	3.985	3.985	0.000	80280216	500.0	498.4	M
1	4.142	4.142	0.000	33578572	500.0	494.4	M
1	4.383	4.384	-0.001	17797798	500.0	509.8	M
1	4.683	4.684	-0.001	26928358	500.0	496.7	M
1	4.821	4.822	-0.001	30040601	500.0	501.0	M
		Average of Peak Amounts =				498.9	
2	2.360	2.360	0.000	17601723	500.0	511.5	
2	2.717	2.718	-0.001	34892704	500.0	519.1	
2	2.921	2.921	0.000	23176089	500.0	516.4	
2	3.194	3.194	0.000	77741733	500.0	520.5	M
2	3.333	3.333	0.000	32344176	500.0	524.3	M
2	3.397	3.397	0.000	19359269	500.0	508.1	M
2	3.771	3.770	0.001	32387214	500.0	517.9	M
2	3.861	3.860	0.001	17647110	500.0	505.6	M
		Average of Peak Amounts =				515.4	
						RPD = 3.25	
8 PCB-1260							M
1	5.996	5.996	0.000	26169828	500.0	507.0	
1	6.211	6.211	0.000	54445319	500.0	501.6	
1	6.521	6.521	0.000	64474128	500.0	508.2	
1	7.226	7.228	-0.002	52790602	500.0	517.5	
1	7.735	7.735	0.000	57153947	500.0	508.1	
1	8.231	8.230	0.001	120701616	500.0	511.1	
1	8.962	8.960	0.002	90244352	500.0	510.3	
1	9.976	9.979	-0.003	33015803	500.0	504.5	
		Average of Peak Amounts =				508.5	
2	5.090	5.091	-0.001	47388823	500.0	526.6	M
2	5.707	5.708	-0.001	81964387	500.0	527.2	M
2	5.855	5.855	0.000	48990909	500.0	516.9	M
2	6.162	6.162	0.000	50430467	500.0	524.0	M
2	6.600	6.600	0.000	113178484	500.0	530.5	M
2	7.017	7.019	-0.002	57795127	500.0	526.3	
2	7.161	7.160	0.001	32722825	500.0	522.7	
2	8.119	8.119	0.000	33169855	500.0	538.3	
		Average of Peak Amounts =				526.6	
						RPD = 3.48	
$ 11 DCB Decachlorobiphenyl							M
1	10.535	10.542	-0.007	89311814	50.0	51.2	M
2	9.070	9.070	0.000	107515159	50.0	53.9	
						RPD = 5.14	
S 12 Polychlorinated biphenyls, Total							
1						1007.5	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

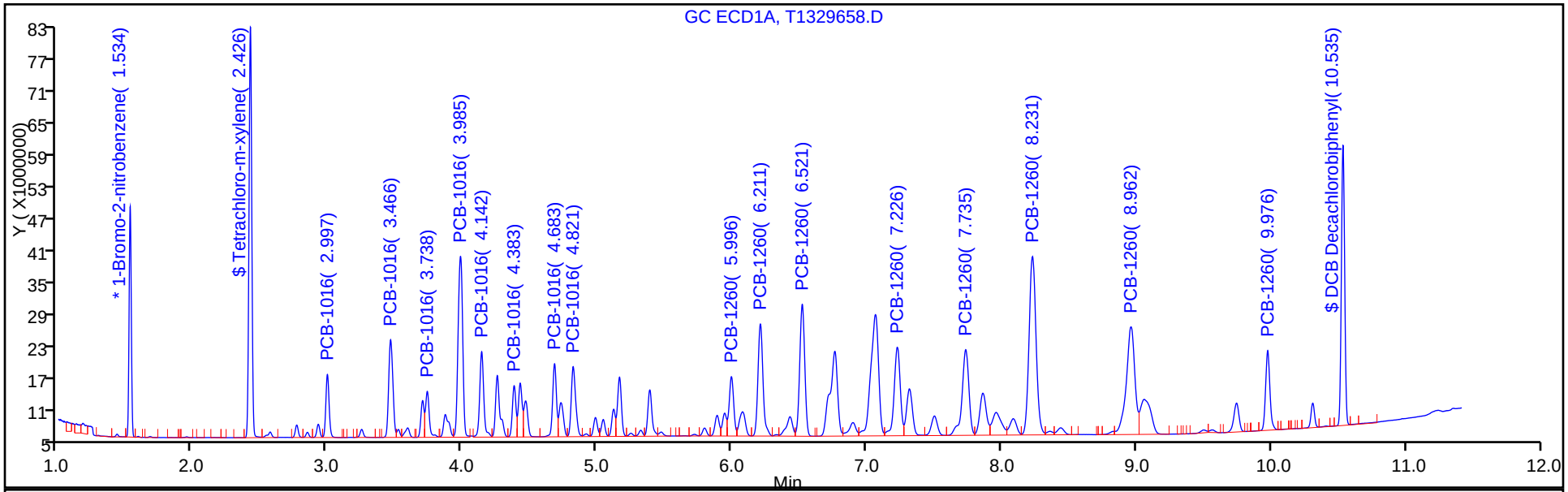
SG1660L2_00022	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

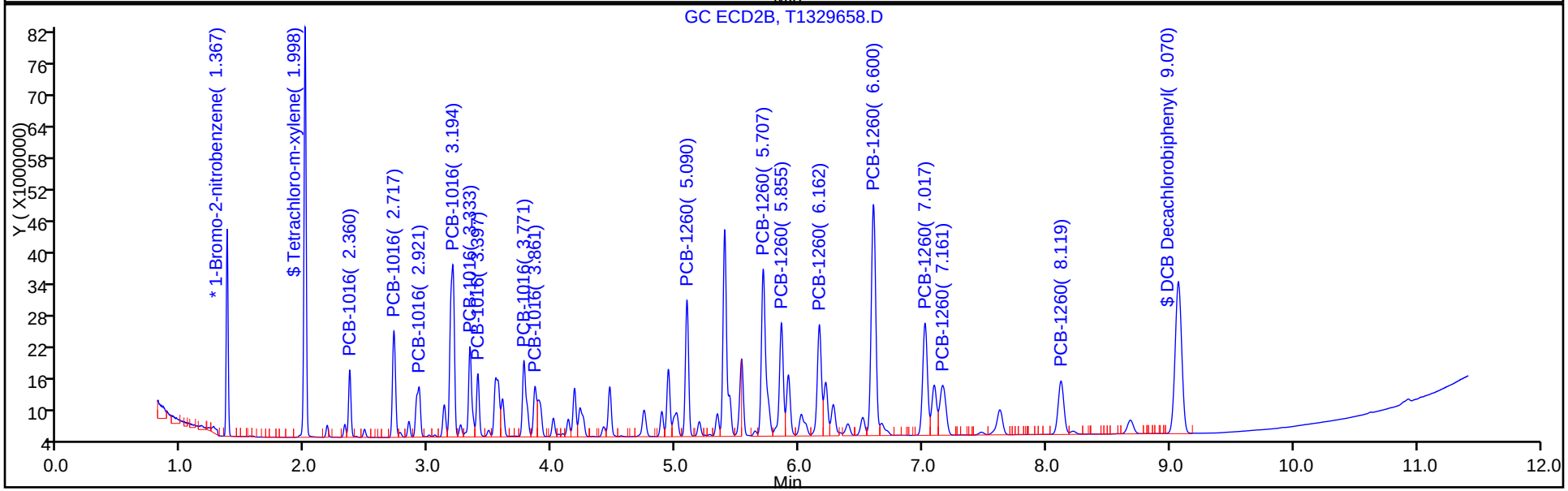
Report Date: 19-Jun-2016 09:11:05 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329658.D

Injection Date:	17-Jun-2016 17:04:19	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 2			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329659.D
Lims ID: IC PCB 3
Client ID:
Sample Type: ICRT Calib Level: 3
Inject. Date: 17-Jun-2016 17:18:51 ALS Bottle#: 5 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-004
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:10 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:14:07

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	47612772	20.0	20.0	
2	1.367	1.367	0.000	41392687	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.426	2.426	0.000	206845811	100.0	98.6	
2	1.999	1.999	0.000	191717609	100.0	103.2	
						RPD = 4.57	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.998	2.998	0.000	37214464	1000.0	950.8	
1	3.465	3.465	0.000	75127788	1000.0	975.6	
1	3.738	3.738	0.000	29679246	1000.0	885.1	
1	3.985	3.985	0.000	152282244	1000.0	969.1	
1	4.142	4.142	0.000	63515995	1000.0	958.8	
1	4.384	4.384	0.000	33548865	1000.0	985.1	
1	4.684	4.684	0.000	51363153	1000.0	971.2	
1	4.822	4.822	0.000	57737690	1000.0	987.2	
		Average of Peak Amounts =				960.4	
2	2.360	2.360	0.000	34355594	1000.0	1000.3	
2	2.718	2.718	0.000	68566680	1000.0	1022.1	
2	2.921	2.921	0.000	45996304	1000.0	1027.0	M
2	3.194	3.194	0.000	152704226	1000.0	1024.5	M
2	3.333	3.333	0.000	63513802	1000.0	1031.6	M
2	3.397	3.397	0.000	37762753	1000.0	993.1	M
2	3.770	3.770	0.000	62884821	1000.0	1007.6	M
2	3.860	3.860	0.000	35788067	1000.0	1027.5	M
		Average of Peak Amounts =				1016.7	
						RPD = 5.70	
8 PCB-1260							M
1	5.996	5.996	0.000	50827089	1000.0	1009.5	
1	6.211	6.211	0.000	106245724	1000.0	1003.4	
1	6.521	6.521	0.000	124113120	1000.0	1003.0	
1	7.228	7.228	0.000	100581197	1000.0	1010.8	
1	7.735	7.735	0.000	110461120	1000.0	1006.7	
1	8.230	8.230	0.000	232150751	1000.0	1007.7	
1	8.960	8.960	0.000	170793787	1000.0	990.0	
1	9.979	9.979	0.000	63183426	1000.0	989.8	
		Average of Peak Amounts =				1002.6	
2	5.091	5.091	0.000	92114022	1000.0	1025.6	M
2	5.708	5.708	0.000	159150615	1000.0	1025.8	M
2	5.855	5.855	0.000	94149722	1000.0	995.4	M
2	6.162	6.162	0.000	97649532	1000.0	1016.7	M
2	6.600	6.600	0.000	218244310	1000.0	1025.1	M
2	7.019	7.019	0.000	111607561	1000.0	1018.4	M
2	7.160	7.160	0.000	63382803	1000.0	1014.5	M
2	8.119	8.119	0.000	62634427	1000.0	1018.6	M
		Average of Peak Amounts =				1017.5	
						RPD = 1.48	
$ 11 DCB Decachlorobiphenyl							
1	10.542	10.542	0.000	171272113	100.0	100.6	
2	9.070	9.070	0.000	200322733	100.0	100.6	
						RPD = 0.02	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

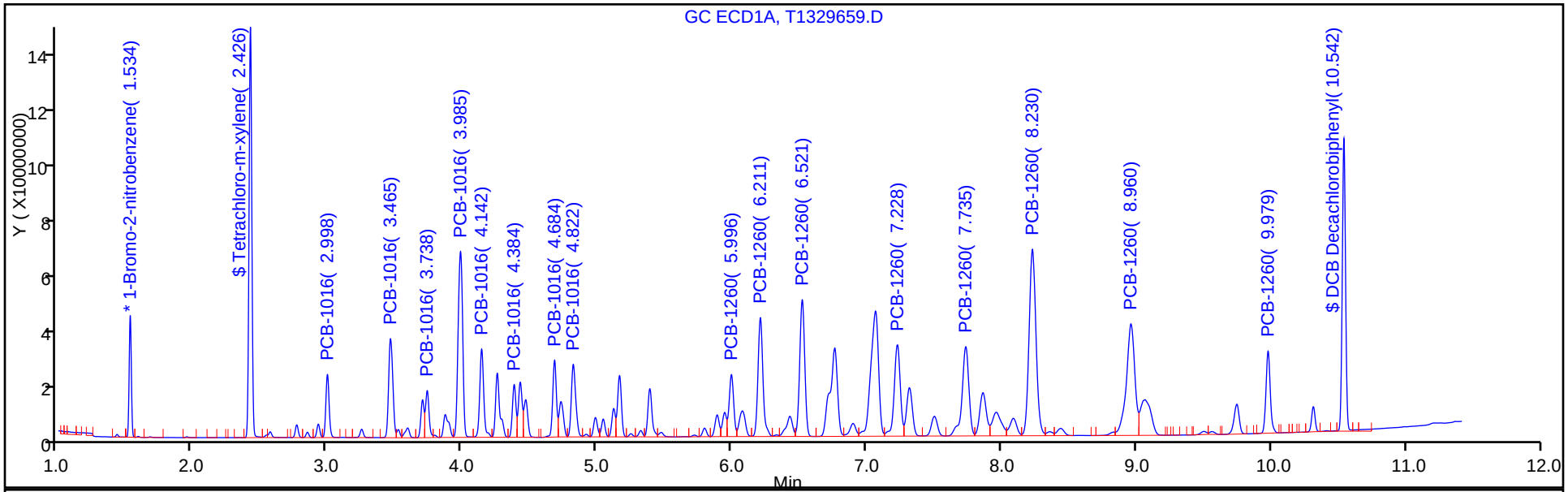
SG1660L3_00028	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

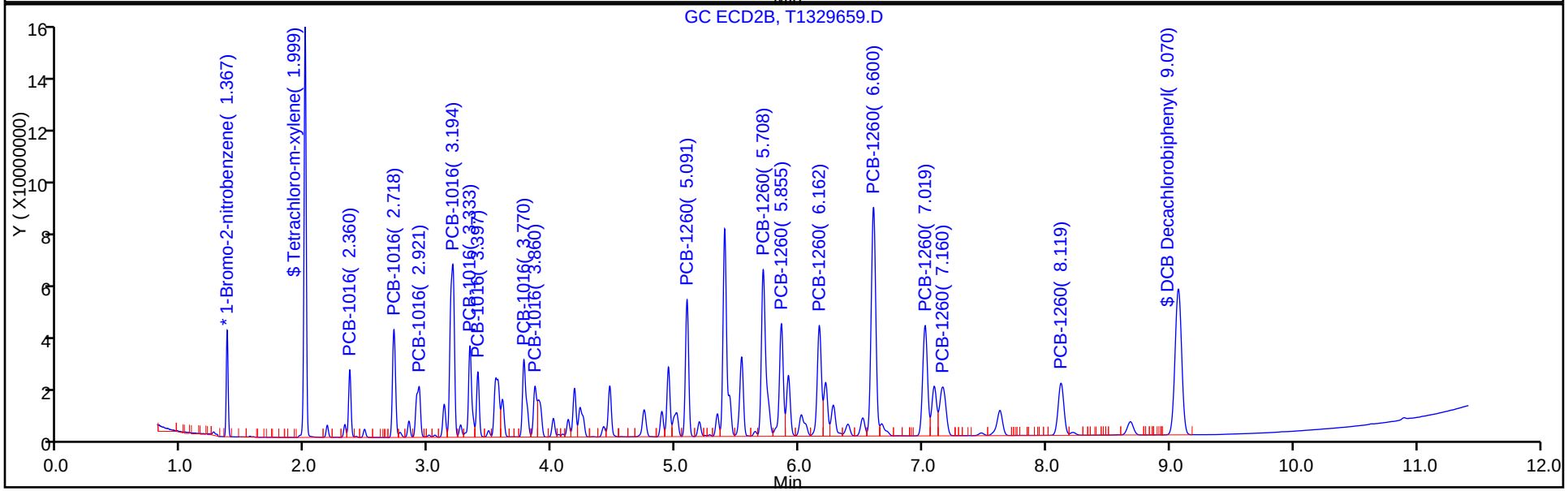
Report Date: 19-Jun-2016 09:11:14 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329659.D

Injection Date:	17-Jun-2016 17:18:51	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 3			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329660.D
Lims ID: IC PCB 4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 17-Jun-2016 17:33:23 ALS Bottle#: 6 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-005
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:18 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	48114337	20.0	20.0	
2	1.367	1.367	0.000	44543070	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.426	2.426	0.000	316646455	150.0	149.3	
2	1.999	1.999	0.000	292476987	150.0	146.3	
						RPD = 2.06	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.997	2.998	-0.001	58856970	1500.0	1488.0	
1	3.466	3.465	0.001	116217693	1500.0	1493.5	
1	3.739	3.738	0.001	48670211	1500.0	1436.4	M
1	3.986	3.985	0.001	237555906	1500.0	1496.0	M
1	4.142	4.142	0.000	99201310	1500.0	1481.9	M
1	4.384	4.384	0.000	52581109	1500.0	1527.8	M
1	4.683	4.684	-0.001	79442295	1500.0	1486.4	M
1	4.821	4.822	-0.001	89996046	1500.0	1522.7	M
		Average of Peak Amounts =				1491.6	
2	2.360	2.360	0.000	53669019	1500.0	1452.2	
2	2.717	2.718	-0.001	105872731	1500.0	1466.6	M
2	2.920	2.921	-0.001	71727205	1500.0	1488.3	M
2	3.194	3.194	0.000	236399127	1500.0	1473.8	M
2	3.332	3.333	-0.001	98100029	1500.0	1480.6	M
2	3.396	3.397	-0.001	58728292	1500.0	1435.2	M
2	3.771	3.770	0.001	97272346	1500.0	1448.3	M
2	3.860	3.860	0.000	55039601	1500.0	1468.5	M
		Average of Peak Amounts =				1464.2	
						RPD = 1.85	
8 PCB-1260							M
1	5.996	5.996	0.000	77203552	1500.0	1517.4	M
1	6.211	6.211	0.000	160164329	1500.0	1496.8	M
1	6.521	6.521	0.000	186376539	1500.0	1490.4	M
1	7.226	7.228	-0.002	150841048	1500.0	1500.0	M
1	7.736	7.735	0.001	165302329	1500.0	1490.9	M
1	8.231	8.230	0.001	347385866	1500.0	1492.1	M
1	8.964	8.960	0.004	254181707	1500.0	1458.0	M
1	9.979	9.979	0.000	95617467	1500.0	1482.3	
		Average of Peak Amounts =				1491.0	
2	5.090	5.091	-0.001	139556499	1500.0	1443.9	M
2	5.707	5.708	-0.001	239956000	1500.0	1437.2	M
2	5.855	5.855	0.000	141095517	1500.0	1386.2	M
2	6.162	6.162	0.000	146837674	1500.0	1420.8	M
2	6.601	6.600	0.001	329230507	1500.0	1437.0	M
2	7.019	7.019	0.000	168116758	1500.0	1425.5	M
2	7.161	7.160	0.001	95473729	1500.0	1420.1	M
2	8.119	8.119	0.000	95699032	1500.0	1446.2	
		Average of Peak Amounts =				1427.1	
						RPD = 4.38	
$ 11 DCB Decachlorobiphenyl							
1	10.542	10.542	0.000	250450560	150.0	145.5	
2	9.070	9.070	0.000	295435713	150.0	137.8	
						RPD = 5.46	
S 12 Polychlorinated biphenyls, Total							
1						2982.6	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

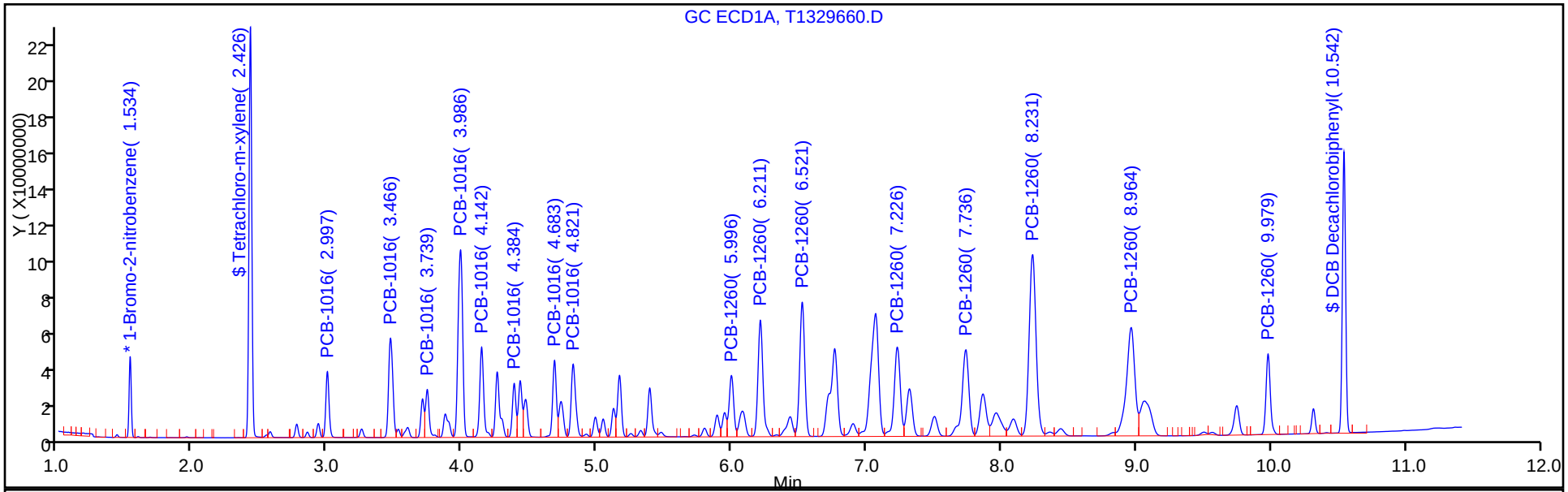
SG1660L4_00021	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

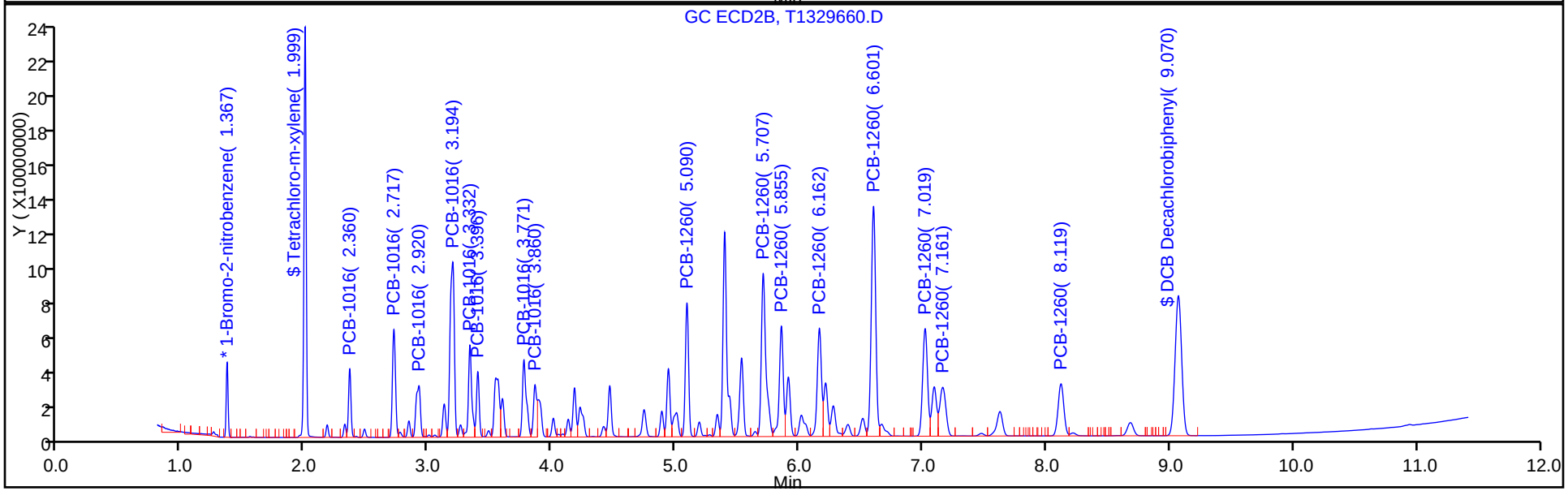
Report Date: 19-Jun-2016 09:11:21 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329660.D

Injection Date:	17-Jun-2016 17:33:23	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 4			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329661.D
Lims ID: IC PCB 5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 17-Jun-2016 17:47:54 ALS Bottle#: 7 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-006
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:24 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:36

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.533	1.534	-0.001	48300680	20.0	20.0	
2	1.366	1.367	-0.001	45028249	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.426	2.426	0.000	426956448	200.0	200.6	
2	1.998	1.999	-0.001	398057397	200.0	196.9	M
						RPD = 1.83	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.997	2.998	-0.001	94368056	2500.0	2376.6	
1	3.466	3.465	0.001	188148070	2500.0	2408.5	
1	3.738	3.738	0.000	80291841	2500.0	2360.5	M
1	3.986	3.985	0.001	386108517	2500.0	2422.2	M
1	4.141	4.142	-0.001	160901993	2500.0	2394.3	M
1	4.383	4.384	-0.001	84995899	2500.0	2460.2	M
1	4.682	4.684	-0.002	128519270	2500.0	2395.4	M
1	4.821	4.822	-0.001	146139896	2500.0	2463.1	M
		Average of Peak Amounts =				2410.1	
2	2.359	2.360	-0.001	86409581	2500.0	2312.9	M
2	2.717	2.718	-0.001	171845426	2500.0	2354.8	M
2	2.920	2.921	-0.001	116753415	2500.0	2396.5	M
2	3.194	3.194	0.000	387264464	2500.0	2388.3	M
2	3.332	3.333	-0.001	160787056	2500.0	2400.6	M
2	3.396	3.397	-0.001	96036359	2500.0	2321.6	M
2	3.770	3.770	0.000	158885557	2500.0	2340.2	M
2	3.859	3.860	-0.001	91159231	2500.0	2406.0	M
		Average of Peak Amounts =				2365.1	
						RPD = 1.88	
8 PCB-1260							M
1	5.996	5.996	0.000	125996858	2500.0	2466.9	M
1	6.211	6.211	0.000	260766285	2500.0	2427.6	M
1	6.521	6.521	0.000	302059609	2500.0	2406.2	M
1	7.226	7.228	-0.002	244502543	2500.0	2422.1	M
1	7.735	7.735	0.000	268936894	2500.0	2416.2	M
1	8.229	8.230	-0.001	566902787	2500.0	2425.6	M
1	8.961	8.960	0.001	426186386	2500.0	2435.2	
1	9.978	9.979	-0.001	157407607	2500.0	2430.8	
		Average of Peak Amounts =				2428.8	
2	5.090	5.091	-0.001	227869318	2500.0	2332.2	
2	5.707	5.708	-0.001	394937801	2500.0	2340.0	
2	5.856	5.855	0.001	231805091	2500.0	2252.8	
2	6.162	6.162	0.000	240471545	2500.0	2301.7	
2	6.600	6.600	0.000	547674887	2500.0	2364.7	
2	7.018	7.019	-0.001	279865744	2500.0	2347.5	
2	7.160	7.160	0.000	158480502	2500.0	2331.9	
2	8.118	8.119	-0.001	159946733	2500.0	2391.1	
		Average of Peak Amounts =				2332.7	
						RPD = 4.04	
$ 11 DCB Decachlorobiphenyl							
1	10.541	10.542	-0.001	340655792	200.0	197.2	
2	9.069	9.070	-0.001	406125262	200.0	187.4	
						RPD = 5.09	
S 12 Polychlorinated biphenyls, Total							
1						4838.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

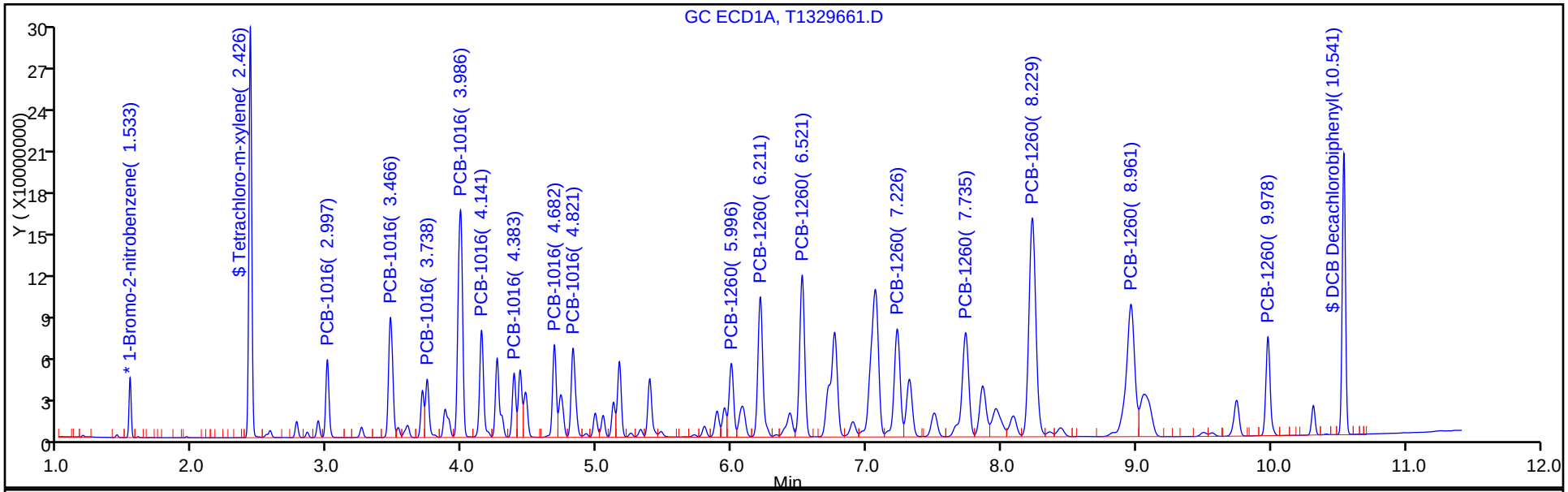
SG1660L5_00021	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

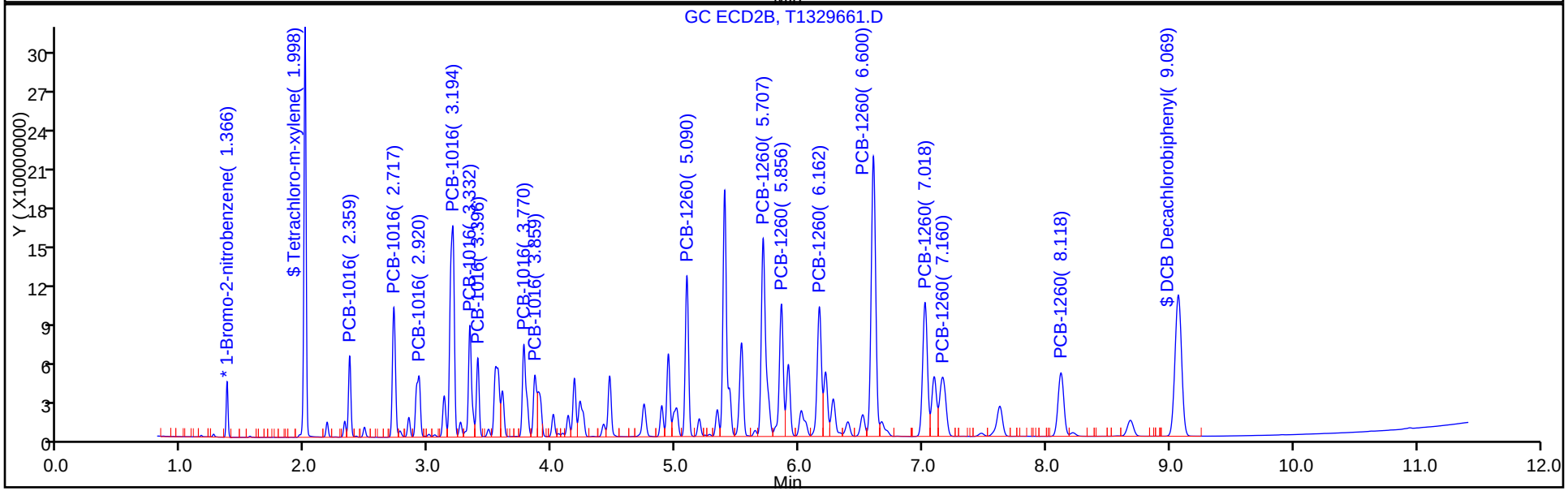
Report Date: 19-Jun-2016 09:11:28 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329661.D

Injection Date:	17-Jun-2016 17:47:54	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 5			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 16:49 Calibration End Date: 06/17/2016 17:47 Calibration ID: 56314

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/2	T1329657.D
Level 2	IC 460-374290/3	T1329658.D
Level 3	IC 460-374290/4	T1329659.D
Level 4	IC 460-374290/5	T1329660.D
Level 5	IC 460-374290/6	T1329661.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0180	0.0170	0.0166	0.0161	0.0154	Ave		0.0166				5.9		20.0			0.9900
PCB-1016 Peak 2	0.0331	0.0337	0.0331	0.0317	0.0305	Ave		0.0324				3.9		20.0			0.9900
PCB-1016 Peak 3	0.0214	0.0224	0.0222	0.0215	0.0207	Ave		0.0216				3.0		20.0			0.9900
PCB-1016 Peak 4	0.0718	0.0750	0.0738	0.0708	0.0688	Ave		0.0720				3.4		20.0			0.9900
PCB-1016 Peak 5	0.0289	0.0312	0.0307	0.0294	0.0286	Ave		0.0297				3.8		20.0			0.9900
PCB-1016 Peak 6	0.0203	0.0187	0.0182	0.0176	0.0171	Ave		0.0184				6.8		20.0			0.9900
PCB-1016 Peak 7	0.0318	0.0312	0.0304	0.0291	0.0282	Ave		0.0302				4.9		20.0			0.9900
PCB-1016 Peak 8	0.0172	0.0170	0.0173	0.0165	0.0162	Ave		0.0168				2.8		20.0			0.9900
PCB-1260 Peak 1	0.0445	0.0457	0.0445	0.0418	0.0405	Ave		0.0434				5.0		20.0			0.9900
PCB-1260 Peak 2	0.0769	0.0790	0.0769	0.0718	0.0702	Ave		0.0750				5.0		20.0			0.9900
PCB-1260 Peak 3	0.0524	0.0472	0.0455	0.0422	0.0412	Ave		0.0457				9.7		20.0			0.9900
PCB-1260 Peak 4	0.0495	0.0486	0.0472	0.0440	0.0427	Ave		0.0464				6.4		20.0			0.9900
PCB-1260 Peak 5	0.1039	0.1091	0.1055	0.0986	0.0973	Ave		0.1029				4.8		20.0			0.9900
PCB-1260 Peak 6	0.0551	0.0557	0.0539	0.0503	0.0497	Ave		0.0530				5.2		20.0			0.9900
PCB-1260 Peak 7	0.0320	0.0316	0.0306	0.0286	0.0282	Ave		0.0302				5.8		20.0			0.9900
PCB-1260 Peak 8	0.0292	0.0320	0.0303	0.0286	0.0284	Ave		0.0297				4.9		20.0			0.9900
Tetrachloro-m-xylene	0.8542	0.9491	0.9263	0.8755	0.8840	Ave		0.8978				4.3		20.0			0.9900
DCB Decachlorobiphenyl	1.0219	1.0369	0.9679	0.8843	0.9019	Ave		0.9626				7.1		20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 16:49 Calibration End Date: 06/17/2016 17:47 Calibration ID: 56314

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/2	T1329657.D
Level 2	IC 460-374290/3	T1329658.D
Level 3	IC 460-374290/4	T1329659.D
Level 4	IC 460-374290/5	T1329660.D
Level 5	IC 460-374290/6	T1329661.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	1988791	17601723	34355594	53669019	86409581	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	3657353	34892704	68566680	105872731	171845426	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	2367984	23176089	45996304	71727205	116753415	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	7940401	77741733	152704226	236399127	387264464	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	3200676	32344176	63513802	98100029	160787056	50.0	500	1000	1500	2500
PCB-1016 Peak 6	BNB	Ave	2246628	19359269	37762753	58728292	96036359	50.0	500	1000	1500	2500
PCB-1016 Peak 7	BNB	Ave	3519821	32387214	62884821	97272346	158885557	50.0	500	1000	1500	2500
PCB-1016 Peak 8	BNB	Ave	1898528	17647110	35788067	55039601	91159231	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	4924424	47388823	92114022	139556499	227869318	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	8504377	81964387	159150615	239956000	394937801	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	5791258	48990909	94149722	141095517	231805091	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	5479148	50430467	97649532	146837674	240471545	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	11492180	113178484	218244310	329230507	547674887	50.0	500	1000	1500	2500
PCB-1260 Peak 6	BNB	Ave	6090276	57795127	111607561	168116758	279865744	50.0	500	1000	1500	2500
PCB-1260 Peak 7	BNB	Ave	3541594	32722825	63382803	95473729	158480502	50.0	500	1000	1500	2500
PCB-1260 Peak 8	BNB	Ave	3234769	33169855	62634427	95699032	159946733	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	23622105	98412532	191717609	292476987	398057397	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	28261365	107515159	200322733	295435713	406125262	12.5	50.0	100	150	200

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329657.D
Lims ID: IC PCB 1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 17-Jun-2016 16:49:49 ALS Bottle#: 3 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-002
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:10:51 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:17

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.533	1.534	-0.001	52132508	20.0	20.0	
2	1.367	1.368	-0.001	44247020	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.425	2.426	-0.001	28223476	12.5	12.3	
2	1.998	1.999	-0.001	23622105	12.5	11.9	
						RPD = 3.23	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.997	2.998	-0.001	2383471	50.0	55.6	
1	3.466	3.465	0.001	4450942	50.0	52.8	
1	3.743	3.738	0.005	2265887	50.0	61.7	M
1	3.985	3.985	0.000	9187173	50.0	53.4	
1	4.142	4.142	0.000	4013840	50.0	55.3	M
1	4.382	4.384	-0.002	1851014	50.0	49.6	
1	4.682	4.684	-0.002	3145812	50.0	54.3	
1	4.822	4.822	0.000	3235444	50.0	50.5	M
		Average of Peak Amounts =				54.2	
2	2.360	2.360	0.000	1988791	50.0	54.2	
2	2.717	2.718	-0.001	3657353	50.0	51.0	
2	2.922	2.921	0.001	2367984	50.0	49.5	
2	3.193	3.194	-0.001	7940401	50.0	49.8	
2	3.332	3.333	-0.001	3200676	50.0	48.6	
2	3.397	3.397	0.000	2246628	50.0	55.3	
2	3.769	3.770	-0.001	3519821	50.0	52.8	
2	3.859	3.860	-0.001	1898528	50.0	51.0	
		Average of Peak Amounts =				51.5	
						RPD = 5.02	
8 PCB-1260							M
1	5.996	5.996	0.000	2696008	50.0	48.9	
1	6.209	6.211	-0.002	5939775	50.0	51.2	
1	6.520	6.521	-0.001	6940606	50.0	51.2	M
1	7.225	7.228	-0.003	5368130	50.0	49.3	M
1	7.734	7.735	-0.001	6106642	50.0	50.8	
1	8.230	8.230	0.000	12678163	50.0	50.3	
1	8.962	8.960	0.002	9853674	50.0	52.2	
1	9.979	9.979	0.000	3636685	50.0	52.0	
		Average of Peak Amounts =				50.7	
2	5.090	5.091	-0.001	4924424	50.0	51.3	M
2	5.707	5.708	-0.001	8504377	50.0	51.3	M
2	5.855	5.855	0.000	5791258	50.0	57.3	M
2	6.161	6.162	-0.001	5479148	50.0	53.4	M
2	6.599	6.600	-0.001	11492180	50.0	50.5	M
2	7.017	7.019	-0.002	6090276	50.0	52.0	M
2	7.159	7.160	-0.001	3541594	50.0	53.0	M
2	8.120	8.119	0.001	3234769	50.0	49.2	
		Average of Peak Amounts =				52.2	
						RPD = 2.92	
$ 11 DCB Decachlorobiphenyl							M
1	10.541	10.542	-0.001	23654358	12.5	12.7	M
2	9.067	9.070	-0.003	28261365	12.5	13.3	
						RPD = 4.50	
S 12 Polychlorinated biphenyls, Total							
1						104.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

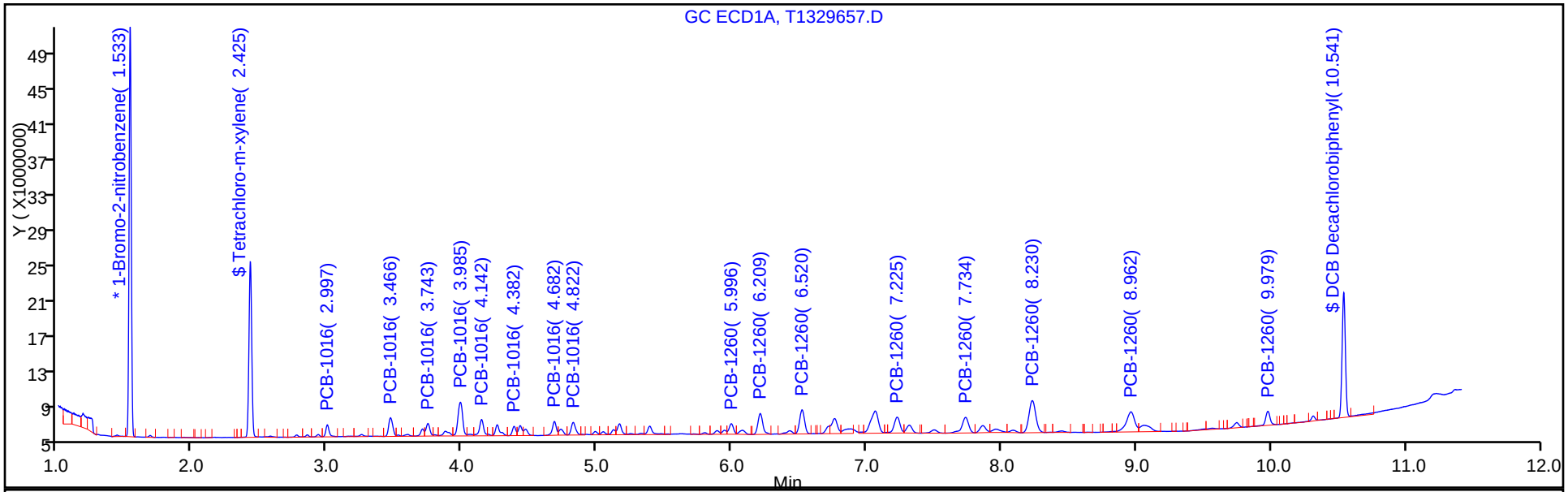
SG1660(LVI)L1_00009	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

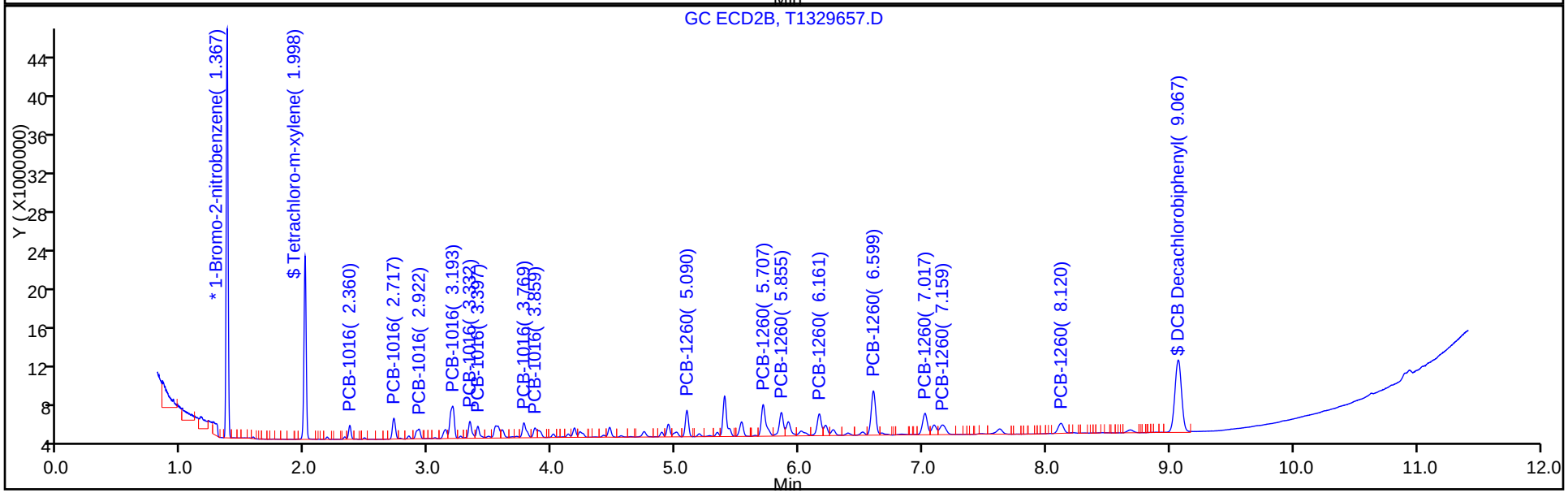
Report Date: 19-Jun-2016 09:10:58 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329657.D

Injection Date:	17-Jun-2016 16:49:49	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 1			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329658.D
Lims ID: IC PCB 2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 17-Jun-2016 17:04:19 ALS Bottle#: 4 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-003
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:00 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:11

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	48810751	20.0	20.0	
2	1.367	1.368	-0.001	41476835	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.426	2.426	0.000	111178386	50.0	51.7	
2	1.998	1.999	-0.001	98412532	50.0	52.9	
						RPD = 2.25	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.997	2.998	-0.001	19947747	500.0	497.1	
1	3.466	3.465	0.001	39847649	500.0	504.8	M
1	3.738	3.738	0.000	16821854	500.0	489.4	M
1	3.985	3.985	0.000	80280216	500.0	498.4	M
1	4.142	4.142	0.000	33578572	500.0	494.4	M
1	4.383	4.384	-0.001	17797798	500.0	509.8	M
1	4.683	4.684	-0.001	26928358	500.0	496.7	M
1	4.821	4.822	-0.001	30040601	500.0	501.0	M
		Average of Peak Amounts =				498.9	
2	2.360	2.360	0.000	17601723	500.0	511.5	
2	2.717	2.718	-0.001	34892704	500.0	519.1	
2	2.921	2.921	0.000	23176089	500.0	516.4	
2	3.194	3.194	0.000	77741733	500.0	520.5	M
2	3.333	3.333	0.000	32344176	500.0	524.3	M
2	3.397	3.397	0.000	19359269	500.0	508.1	M
2	3.771	3.770	0.001	32387214	500.0	517.9	M
2	3.861	3.860	0.001	17647110	500.0	505.6	M
		Average of Peak Amounts =				515.4	
						RPD = 3.25	
8 PCB-1260							M
1	5.996	5.996	0.000	26169828	500.0	507.0	
1	6.211	6.211	0.000	54445319	500.0	501.6	
1	6.521	6.521	0.000	64474128	500.0	508.2	
1	7.226	7.228	-0.002	52790602	500.0	517.5	
1	7.735	7.735	0.000	57153947	500.0	508.1	
1	8.231	8.230	0.001	120701616	500.0	511.1	
1	8.962	8.960	0.002	90244352	500.0	510.3	
1	9.976	9.979	-0.003	33015803	500.0	504.5	
		Average of Peak Amounts =				508.5	
2	5.090	5.091	-0.001	47388823	500.0	526.6	M
2	5.707	5.708	-0.001	81964387	500.0	527.2	M
2	5.855	5.855	0.000	48990909	500.0	516.9	M
2	6.162	6.162	0.000	50430467	500.0	524.0	M
2	6.600	6.600	0.000	113178484	500.0	530.5	M
2	7.017	7.019	-0.002	57795127	500.0	526.3	
2	7.161	7.160	0.001	32722825	500.0	522.7	
2	8.119	8.119	0.000	33169855	500.0	538.3	
		Average of Peak Amounts =				526.6	
						RPD = 3.48	
$ 11 DCB Decachlorobiphenyl							M
1	10.535	10.542	-0.007	89311814	50.0	51.2	M
2	9.070	9.070	0.000	107515159	50.0	53.9	
						RPD = 5.14	
S 12 Polychlorinated biphenyls, Total							
1						1007.5	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

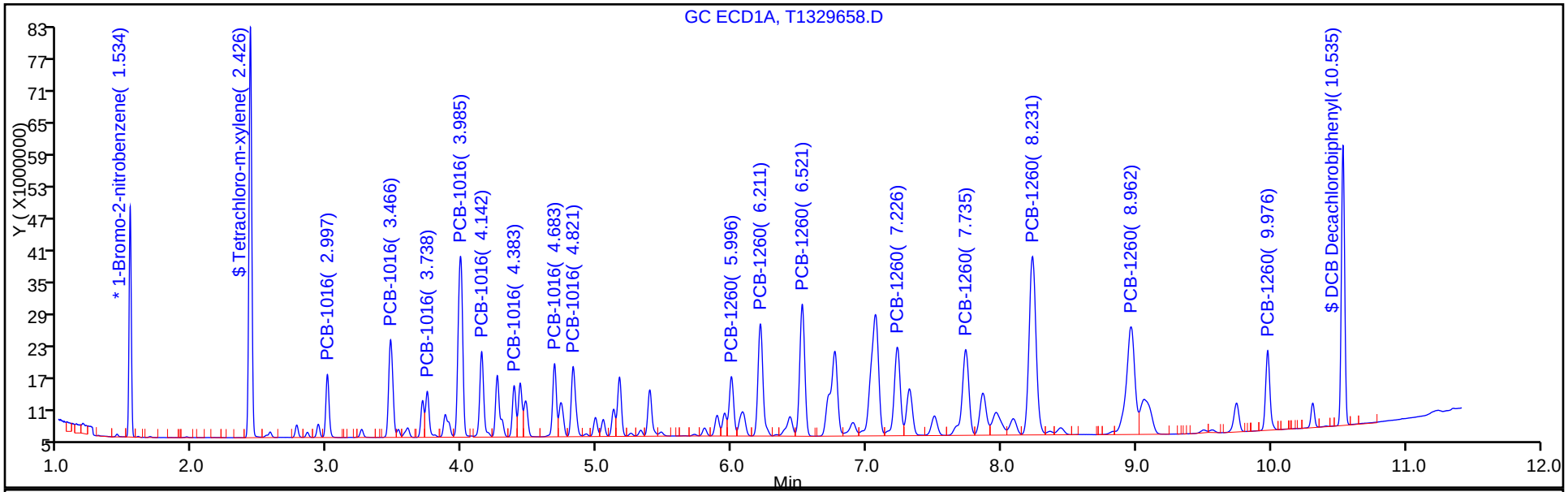
SG1660L2_00022	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

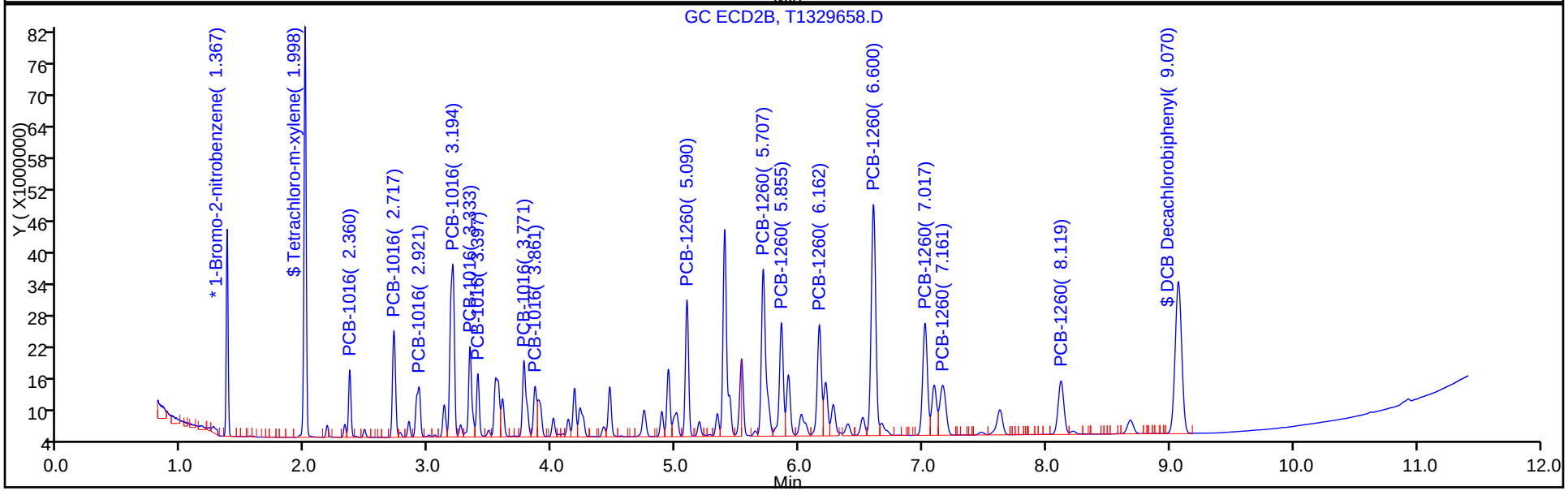
Report Date: 19-Jun-2016 09:11:05 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329658.D

Injection Date:	17-Jun-2016 17:04:19	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 2			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329659.D
Lims ID: IC PCB 3
Client ID:
Sample Type: ICRT Calib Level: 3
Inject. Date: 17-Jun-2016 17:18:51 ALS Bottle#: 5 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-004
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:10 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:14:07

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	47612772	20.0	20.0	
2	1.367	1.367	0.000	41392687	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.426	2.426	0.000	206845811	100.0	98.6	
2	1.999	1.999	0.000	191717609	100.0	103.2	
						RPD = 4.57	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.998	2.998	0.000	37214464	1000.0	950.8	
1	3.465	3.465	0.000	75127788	1000.0	975.6	
1	3.738	3.738	0.000	29679246	1000.0	885.1	
1	3.985	3.985	0.000	152282244	1000.0	969.1	
1	4.142	4.142	0.000	63515995	1000.0	958.8	
1	4.384	4.384	0.000	33548865	1000.0	985.1	
1	4.684	4.684	0.000	51363153	1000.0	971.2	
1	4.822	4.822	0.000	57737690	1000.0	987.2	
		Average of Peak Amounts =				960.4	
2	2.360	2.360	0.000	34355594	1000.0	1000.3	
2	2.718	2.718	0.000	68566680	1000.0	1022.1	
2	2.921	2.921	0.000	45996304	1000.0	1027.0	M
2	3.194	3.194	0.000	152704226	1000.0	1024.5	M
2	3.333	3.333	0.000	63513802	1000.0	1031.6	M
2	3.397	3.397	0.000	37762753	1000.0	993.1	M
2	3.770	3.770	0.000	62884821	1000.0	1007.6	M
2	3.860	3.860	0.000	35788067	1000.0	1027.5	M
		Average of Peak Amounts =				1016.7	
						RPD = 5.70	
8 PCB-1260							M
1	5.996	5.996	0.000	50827089	1000.0	1009.5	
1	6.211	6.211	0.000	106245724	1000.0	1003.4	
1	6.521	6.521	0.000	124113120	1000.0	1003.0	
1	7.228	7.228	0.000	100581197	1000.0	1010.8	
1	7.735	7.735	0.000	110461120	1000.0	1006.7	
1	8.230	8.230	0.000	232150751	1000.0	1007.7	
1	8.960	8.960	0.000	170793787	1000.0	990.0	
1	9.979	9.979	0.000	63183426	1000.0	989.8	
		Average of Peak Amounts =				1002.6	
2	5.091	5.091	0.000	92114022	1000.0	1025.6	M
2	5.708	5.708	0.000	159150615	1000.0	1025.8	M
2	5.855	5.855	0.000	94149722	1000.0	995.4	M
2	6.162	6.162	0.000	97649532	1000.0	1016.7	M
2	6.600	6.600	0.000	218244310	1000.0	1025.1	M
2	7.019	7.019	0.000	111607561	1000.0	1018.4	M
2	7.160	7.160	0.000	63382803	1000.0	1014.5	M
2	8.119	8.119	0.000	62634427	1000.0	1018.6	M
		Average of Peak Amounts =				1017.5	
						RPD = 1.48	
$ 11 DCB Decachlorobiphenyl							
1	10.542	10.542	0.000	171272113	100.0	100.6	
2	9.070	9.070	0.000	200322733	100.0	100.6	
						RPD = 0.02	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

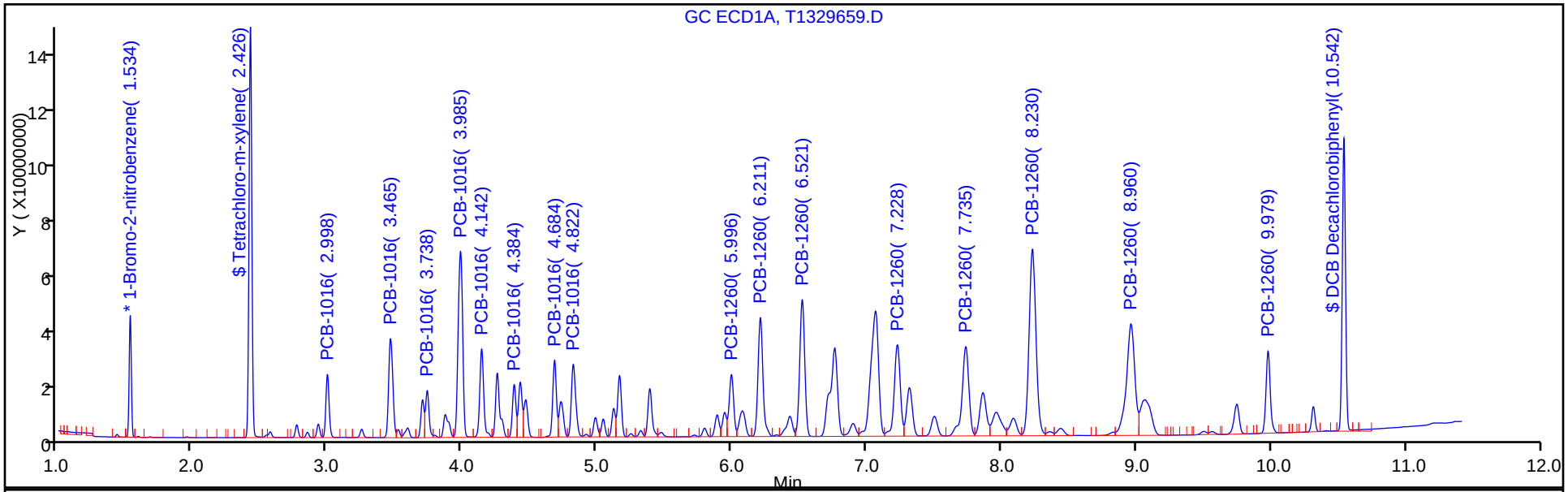
SG1660L3_00028	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

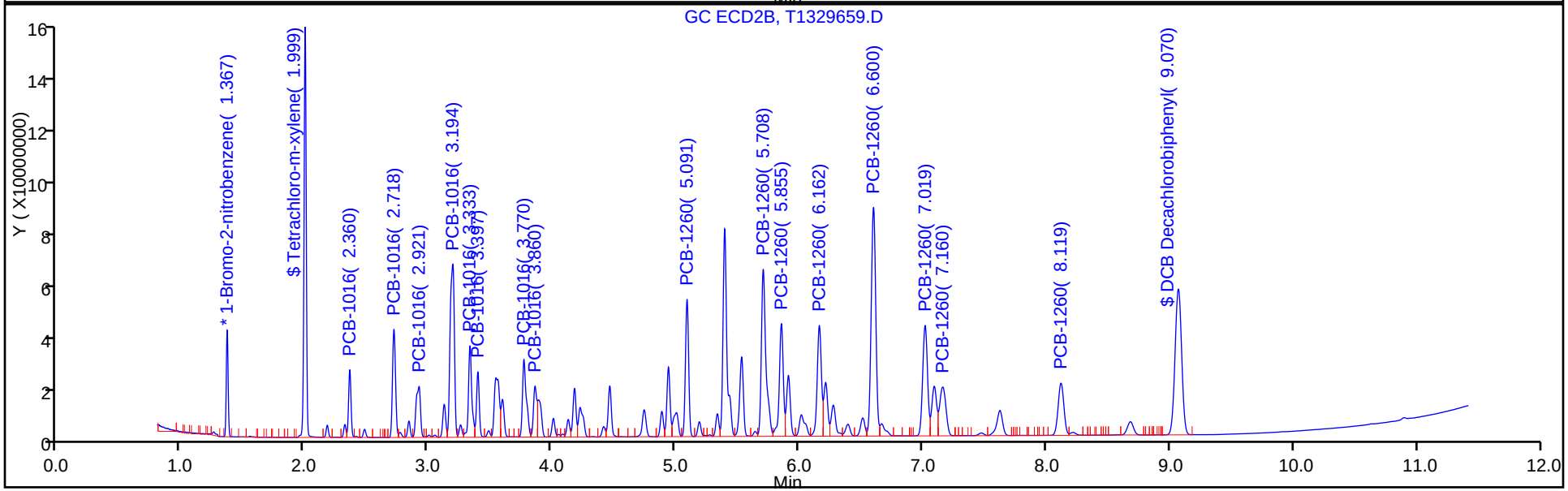
Report Date: 19-Jun-2016 09:11:15 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329659.D

Injection Date:	17-Jun-2016 17:18:51	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 3			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329660.D
Lims ID: IC PCB 4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 17-Jun-2016 17:33:23 ALS Bottle#: 6 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-005
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:18 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	48114337	20.0	20.0	
2	1.367	1.367	0.000	44543070	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.426	2.426	0.000	316646455	150.0	149.3	
2	1.999	1.999	0.000	292476987	150.0	146.3	
						RPD = 2.06	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.997	2.998	-0.001	58856970	1500.0	1488.0	
1	3.466	3.465	0.001	116217693	1500.0	1493.5	
1	3.739	3.738	0.001	48670211	1500.0	1436.4	M
1	3.986	3.985	0.001	237555906	1500.0	1496.0	M
1	4.142	4.142	0.000	99201310	1500.0	1481.9	M
1	4.384	4.384	0.000	52581109	1500.0	1527.8	M
1	4.683	4.684	-0.001	79442295	1500.0	1486.4	M
1	4.821	4.822	-0.001	89996046	1500.0	1522.7	M
		Average of Peak Amounts =				1491.6	
2	2.360	2.360	0.000	53669019	1500.0	1452.2	
2	2.717	2.718	-0.001	105872731	1500.0	1466.6	M
2	2.920	2.921	-0.001	71727205	1500.0	1488.3	M
2	3.194	3.194	0.000	236399127	1500.0	1473.8	M
2	3.332	3.333	-0.001	98100029	1500.0	1480.6	M
2	3.396	3.397	-0.001	58728292	1500.0	1435.2	M
2	3.771	3.770	0.001	97272346	1500.0	1448.3	M
2	3.860	3.860	0.000	55039601	1500.0	1468.5	M
		Average of Peak Amounts =				1464.2	
						RPD = 1.85	
8 PCB-1260							M
1	5.996	5.996	0.000	77203552	1500.0	1517.4	M
1	6.211	6.211	0.000	160164329	1500.0	1496.8	M
1	6.521	6.521	0.000	186376539	1500.0	1490.4	M
1	7.226	7.228	-0.002	150841048	1500.0	1500.0	M
1	7.736	7.735	0.001	165302329	1500.0	1490.9	M
1	8.231	8.230	0.001	347385866	1500.0	1492.1	M
1	8.964	8.960	0.004	254181707	1500.0	1458.0	M
1	9.979	9.979	0.000	95617467	1500.0	1482.3	
		Average of Peak Amounts =				1491.0	
2	5.090	5.091	-0.001	139556499	1500.0	1443.9	M
2	5.707	5.708	-0.001	239956000	1500.0	1437.2	M
2	5.855	5.855	0.000	141095517	1500.0	1386.2	M
2	6.162	6.162	0.000	146837674	1500.0	1420.8	M
2	6.601	6.600	0.001	329230507	1500.0	1437.0	M
2	7.019	7.019	0.000	168116758	1500.0	1425.5	M
2	7.161	7.160	0.001	95473729	1500.0	1420.1	M
2	8.119	8.119	0.000	95699032	1500.0	1446.2	
		Average of Peak Amounts =				1427.1	
						RPD = 4.38	
$ 11 DCB Decachlorobiphenyl							
1	10.542	10.542	0.000	250450560	150.0	145.5	
2	9.070	9.070	0.000	295435713	150.0	137.8	
						RPD = 5.46	
S 12 Polychlorinated biphenyls, Total							
1						2982.6	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

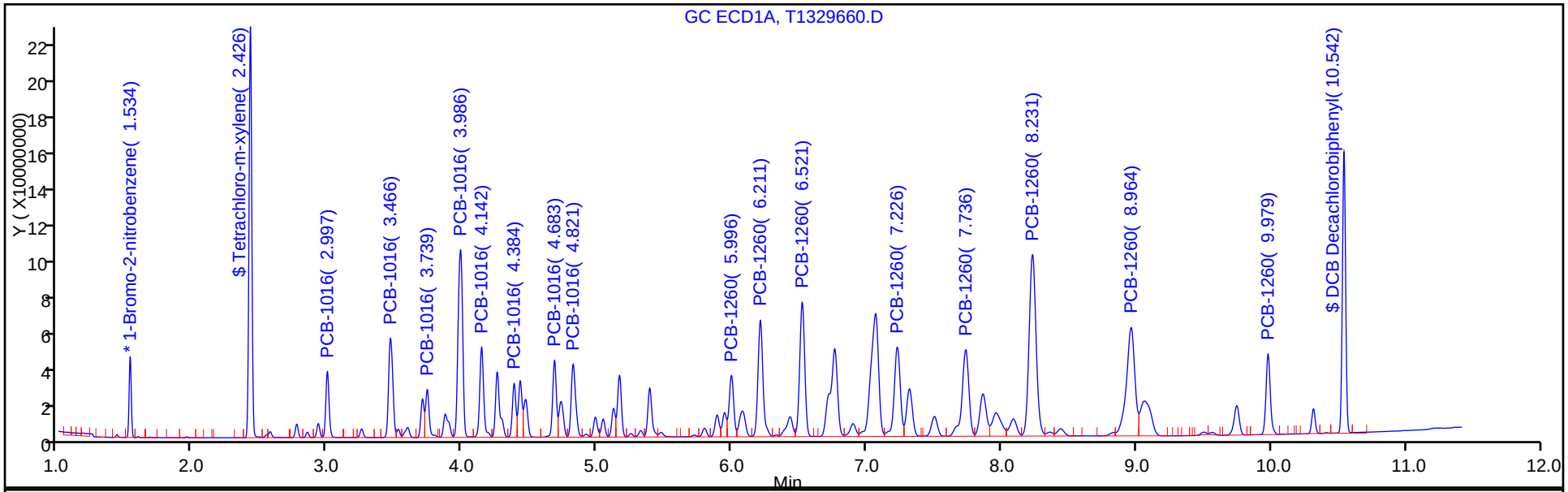
SG1660L4_00021	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

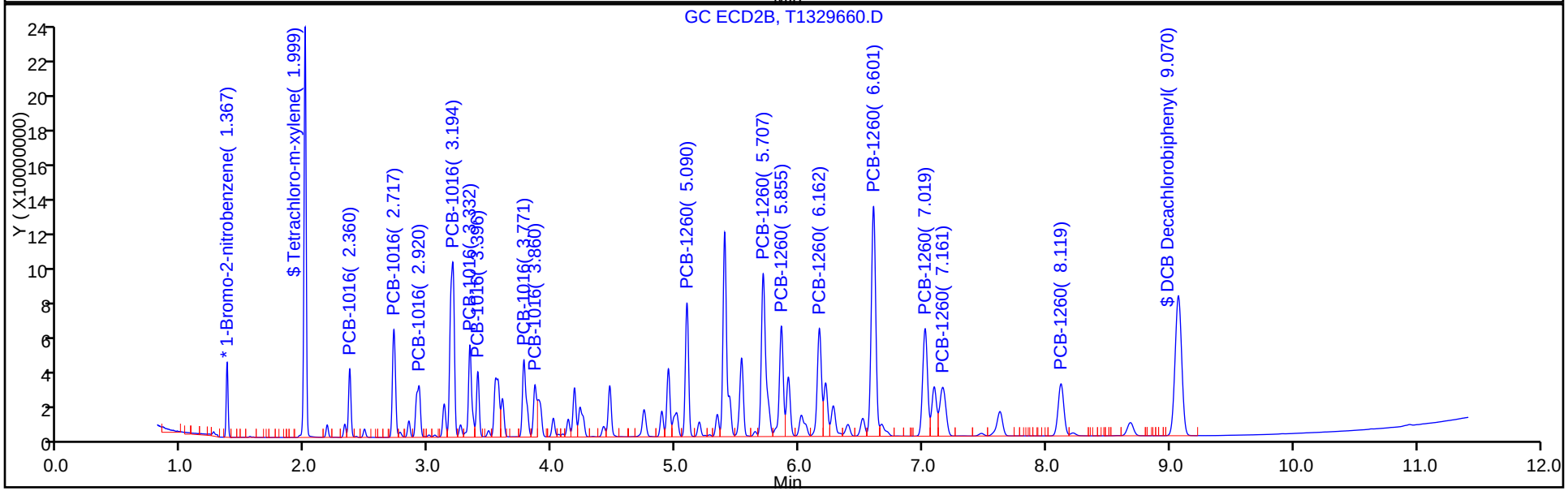
Report Date: 19-Jun-2016 09:11:22 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329660.D

Injection Date:	17-Jun-2016 17:33:23	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 4			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329661.D
Lims ID: IC PCB 5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 17-Jun-2016 17:47:54 ALS Bottle#: 7 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-006
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:24 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:36

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.533	1.534	-0.001	48300680	20.0	20.0	
2	1.366	1.367	-0.001	45028249	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.426	2.426	0.000	426956448	200.0	200.6	
2	1.998	1.999	-0.001	398057397	200.0	196.9	M
						RPD = 1.83	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.997	2.998	-0.001	94368056	2500.0	2376.6	
1	3.466	3.465	0.001	188148070	2500.0	2408.5	
1	3.738	3.738	0.000	80291841	2500.0	2360.5	M
1	3.986	3.985	0.001	386108517	2500.0	2422.2	M
1	4.141	4.142	-0.001	160901993	2500.0	2394.3	M
1	4.383	4.384	-0.001	84995899	2500.0	2460.2	M
1	4.682	4.684	-0.002	128519270	2500.0	2395.4	M
1	4.821	4.822	-0.001	146139896	2500.0	2463.1	M
		Average of Peak Amounts =				2410.1	
2	2.359	2.360	-0.001	86409581	2500.0	2312.9	M
2	2.717	2.718	-0.001	171845426	2500.0	2354.8	M
2	2.920	2.921	-0.001	116753415	2500.0	2396.5	M
2	3.194	3.194	0.000	387264464	2500.0	2388.3	M
2	3.332	3.333	-0.001	160787056	2500.0	2400.6	M
2	3.396	3.397	-0.001	96036359	2500.0	2321.6	M
2	3.770	3.770	0.000	158885557	2500.0	2340.2	M
2	3.859	3.860	-0.001	91159231	2500.0	2406.0	M
		Average of Peak Amounts =				2365.1	
						RPD = 1.88	
8 PCB-1260							M
1	5.996	5.996	0.000	125996858	2500.0	2466.9	M
1	6.211	6.211	0.000	260766285	2500.0	2427.6	M
1	6.521	6.521	0.000	302059609	2500.0	2406.2	M
1	7.226	7.228	-0.002	244502543	2500.0	2422.1	M
1	7.735	7.735	0.000	268936894	2500.0	2416.2	M
1	8.229	8.230	-0.001	566902787	2500.0	2425.6	M
1	8.961	8.960	0.001	426186386	2500.0	2435.2	
1	9.978	9.979	-0.001	157407607	2500.0	2430.8	
		Average of Peak Amounts =				2428.8	
2	5.090	5.091	-0.001	227869318	2500.0	2332.2	
2	5.707	5.708	-0.001	394937801	2500.0	2340.0	
2	5.856	5.855	0.001	231805091	2500.0	2252.8	
2	6.162	6.162	0.000	240471545	2500.0	2301.7	
2	6.600	6.600	0.000	547674887	2500.0	2364.7	
2	7.018	7.019	-0.001	279865744	2500.0	2347.5	
2	7.160	7.160	0.000	158480502	2500.0	2331.9	
2	8.118	8.119	-0.001	159946733	2500.0	2391.1	
		Average of Peak Amounts =				2332.7	
						RPD = 4.04	
$ 11 DCB Decachlorobiphenyl							
1	10.541	10.542	-0.001	340655792	200.0	197.2	
2	9.069	9.070	-0.001	406125262	200.0	187.4	
						RPD = 5.09	
S 12 Polychlorinated biphenyls, Total							
1						4838.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

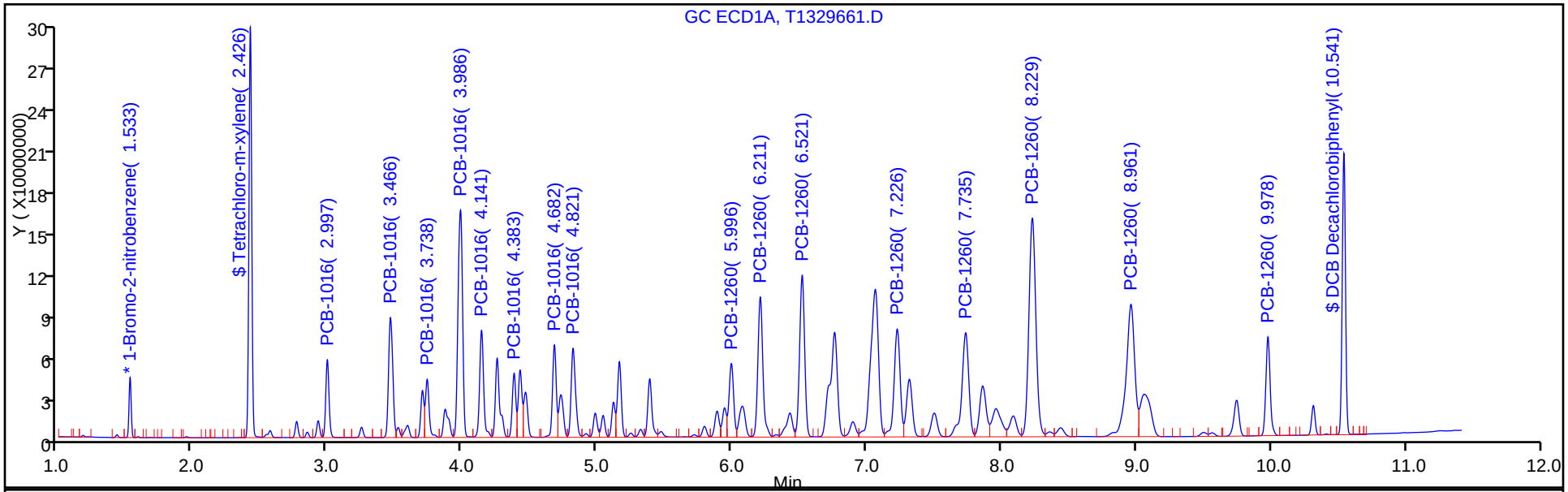
SG1660L5_00021	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

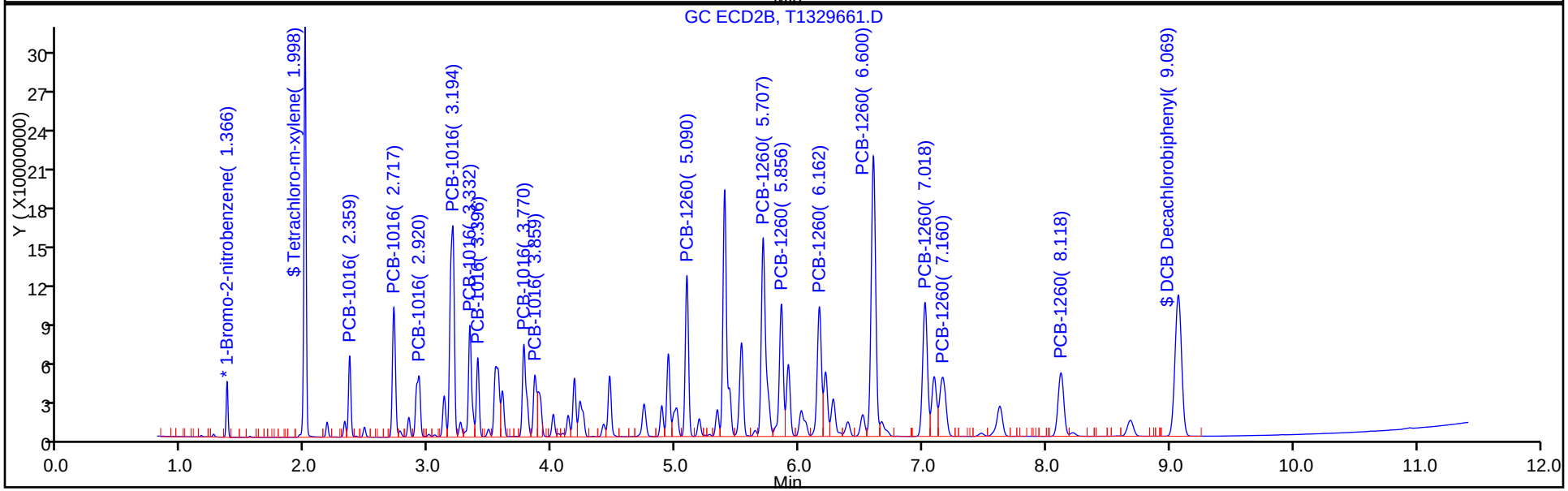
Report Date: 19-Jun-2016 09:11:28 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329661.D

Injection Date:	17-Jun-2016 17:47:54	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 5			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:16 Calibration End Date: 06/17/2016 18:16 Calibration ID: 56319

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/8	T1329663.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1221 Peak 1	0.0065					Ave		0.0065						20.0			0.9900
PCB-1221 Peak 2	0.0094					Ave		0.0094						20.0			0.9900
PCB-1221 Peak 3	0.0061					Ave		0.0061						20.0			0.9900
PCB-1221 Peak 4	0.0226					Ave		0.0226						20.0			0.9900
PCB-1221 Peak 5	0.0032					Ave		0.0032						20.0			0.9900
PCB-1221 Peak 6	0.0046					Ave		0.0046						20.0			0.9900
PCB-1221 Peak 7	0.0023					Ave		0.0023						20.0			0.9900
PCB-1221 Peak 8	0.0013					Ave		0.0013						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:16 Calibration End Date: 06/17/2016 18:16 Calibration ID: 56319

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/8	T1329663.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	15836393					1000				
PCB-1221 Peak 2	BNB	Ave	23088253					1000				
PCB-1221 Peak 3	BNB	Ave	14916343					1000				
PCB-1221 Peak 4	BNB	Ave	55421553					1000				
PCB-1221 Peak 5	BNB	Ave	7771076					1000				
PCB-1221 Peak 6	BNB	Ave	11261788					1000				
PCB-1221 Peak 7	BNB	Ave	5587738					1000				
PCB-1221 Peak 8	BNB	Ave	3128515					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329663.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 18:16:53 ALS Bottle#: 9 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-008
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub3

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:41 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:55:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	49057396	20.0	20.0	
2	1.367	1.367	0.000	43079790	20.0	20.0	
						RPD = 0.00	
1 PCB-1221							
1	1.953	1.953	0.000	15836393	1000.0	1000.0	a
1	2.769	2.769	0.000	23088253	1000.0	1000.0	a
1	2.930	2.930	0.000	14916343	1000.0	1000.0	a
1	2.997	2.997	0.000	55421553	1000.0	1000.0	a
1	3.524	3.524	0.000	7771076	1000.0	1000.0	a
1	3.986	3.986	0.000	11261788	1000.0	1000.0	a
1	4.144	4.144	0.000	5587738	1000.0	1000.0	a
1	4.257	4.257	0.000	3128515	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	1.553	1.553	0.000	14025971	1000.0	1000.0	a
2	2.177	2.177	0.000	19947928	1000.0	1000.0	a
2	2.320	2.320	0.000	12488585	1000.0	1000.0	a
2	2.360	2.360	0.000	50139134	1000.0	1000.0	a
2	2.719	2.719	0.000	5025406	1000.0	1000.0	a
2	2.840	2.840	0.000	6991129	1000.0	1000.0	a
2	3.195	3.195	0.000	9438007	1000.0	1000.0	a
2	3.333	3.333	0.000	4289330	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

Reagents:

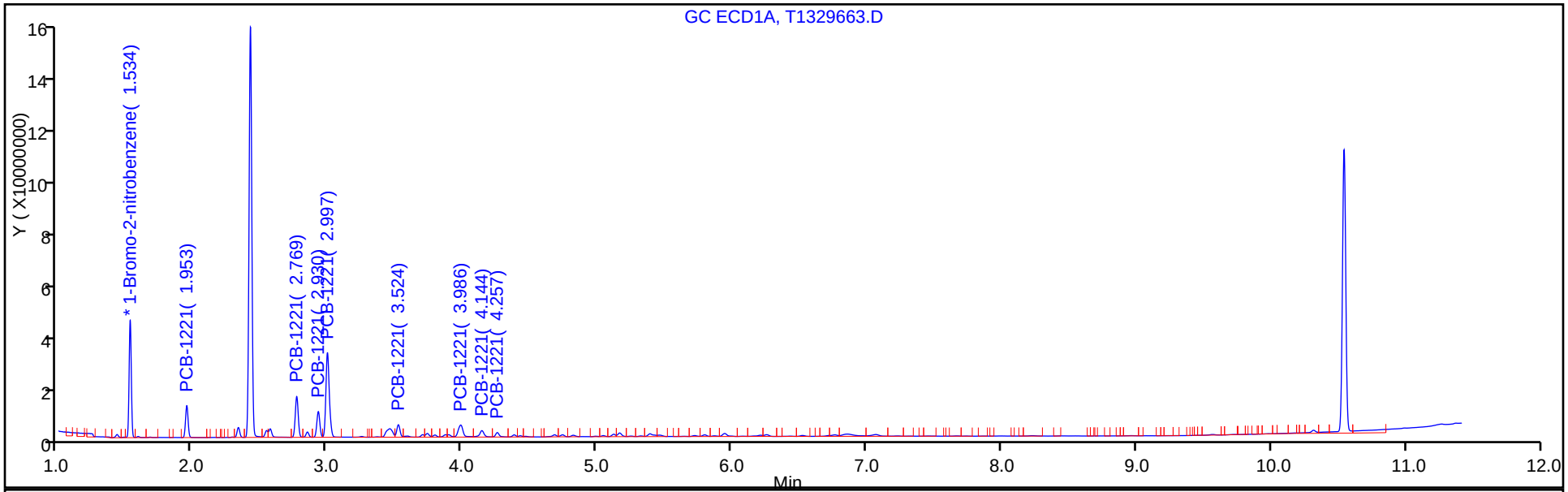
SG1221L3_00025	Amount Added: 1.00	Units: mL	
SGPCBISTD_00006	Amount Added: 20.00	Units: uL	Run Reagent

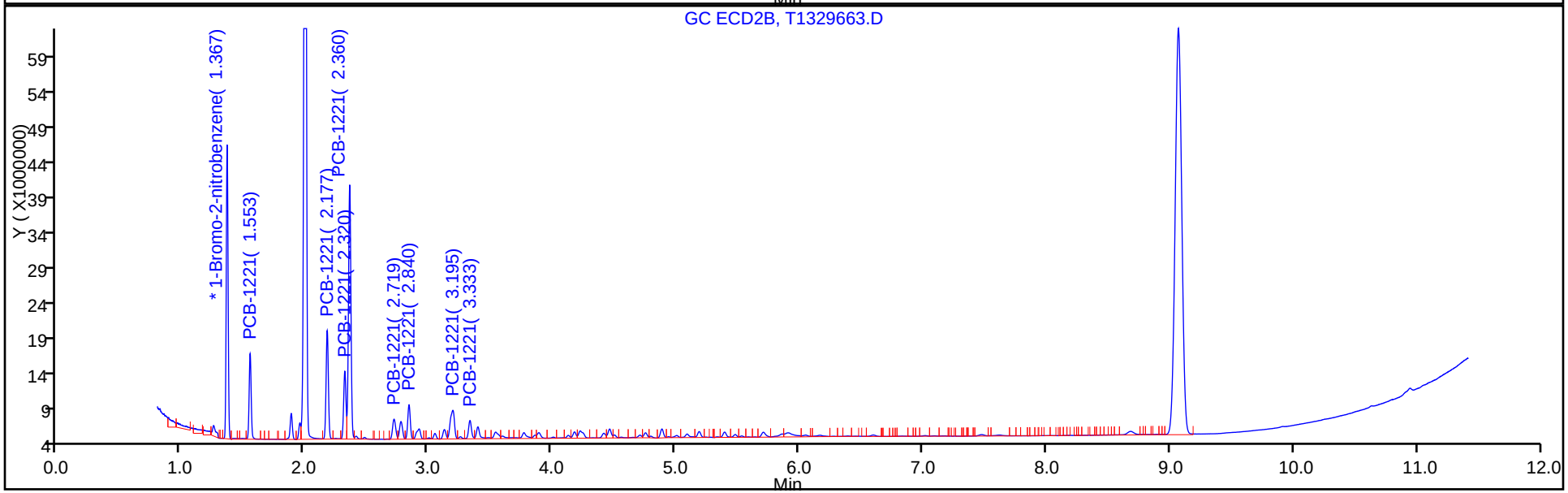
Report Date: 19-Jun-2016 09:11:44 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329663.D

Injection Date:	17-Jun-2016 18:16:53	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1221			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:16 Calibration End Date: 06/17/2016 18:16 Calibration ID: 56320

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/8	T1329663.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1221 Peak 1	0.0065					Ave		0.0065						20.0			0.9900
PCB-1221 Peak 2	0.0093					Ave		0.0093						20.0			0.9900
PCB-1221 Peak 3	0.0058					Ave		0.0058						20.0			0.9900
PCB-1221 Peak 4	0.0233					Ave		0.0233						20.0			0.9900
PCB-1221 Peak 5	0.0023					Ave		0.0023						20.0			0.9900
PCB-1221 Peak 6	0.0032					Ave		0.0032						20.0			0.9900
PCB-1221 Peak 7	0.0044					Ave		0.0044						20.0			0.9900
PCB-1221 Peak 8	0.0020					Ave		0.0020						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:16 Calibration End Date: 06/17/2016 18:16 Calibration ID: 56320

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/8	T1329663.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	14025971					1000				
PCB-1221 Peak 2	BNB	Ave	19947928					1000				
PCB-1221 Peak 3	BNB	Ave	12488585					1000				
PCB-1221 Peak 4	BNB	Ave	50139134					1000				
PCB-1221 Peak 5	BNB	Ave	5025406					1000				
PCB-1221 Peak 6	BNB	Ave	6991129					1000				
PCB-1221 Peak 7	BNB	Ave	9438007					1000				
PCB-1221 Peak 8	BNB	Ave	4289330					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329663.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 18:16:53 ALS Bottle#: 9 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-008
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub3

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:41 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:55:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	49057396	20.0	20.0	
2	1.367	1.367	0.000	43079790	20.0	20.0	
						RPD = 0.00	
1 PCB-1221							
1	1.953	1.953	0.000	15836393	1000.0	1000.0	a
1	2.769	2.769	0.000	23088253	1000.0	1000.0	a
1	2.930	2.930	0.000	14916343	1000.0	1000.0	a
1	2.997	2.997	0.000	55421553	1000.0	1000.0	a
1	3.524	3.524	0.000	7771076	1000.0	1000.0	a
1	3.986	3.986	0.000	11261788	1000.0	1000.0	a
1	4.144	4.144	0.000	5587738	1000.0	1000.0	a
1	4.257	4.257	0.000	3128515	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	1.553	1.553	0.000	14025971	1000.0	1000.0	a
2	2.177	2.177	0.000	19947928	1000.0	1000.0	a
2	2.320	2.320	0.000	12488585	1000.0	1000.0	a
2	2.360	2.360	0.000	50139134	1000.0	1000.0	a
2	2.719	2.719	0.000	5025406	1000.0	1000.0	a
2	2.840	2.840	0.000	6991129	1000.0	1000.0	a
2	3.195	3.195	0.000	9438007	1000.0	1000.0	a
2	3.333	3.333	0.000	4289330	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

Reagents:

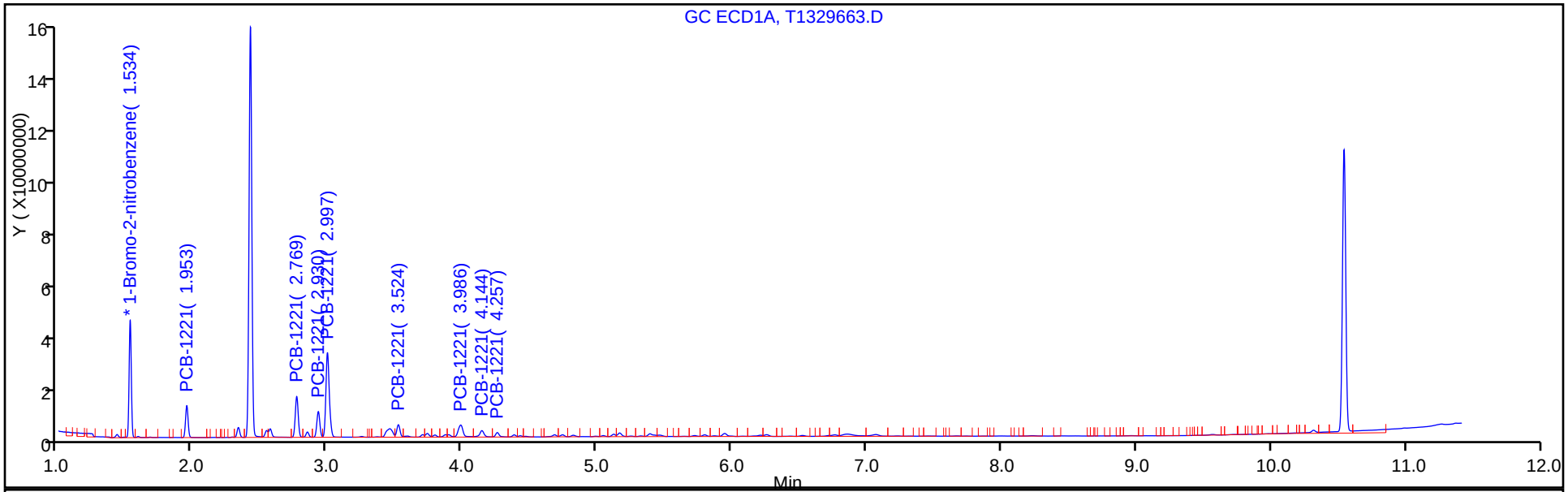
SG1221L3_00025	Amount Added: 1.00	Units: mL	
SGPCBISTD_00006	Amount Added: 20.00	Units: uL	Run Reagent

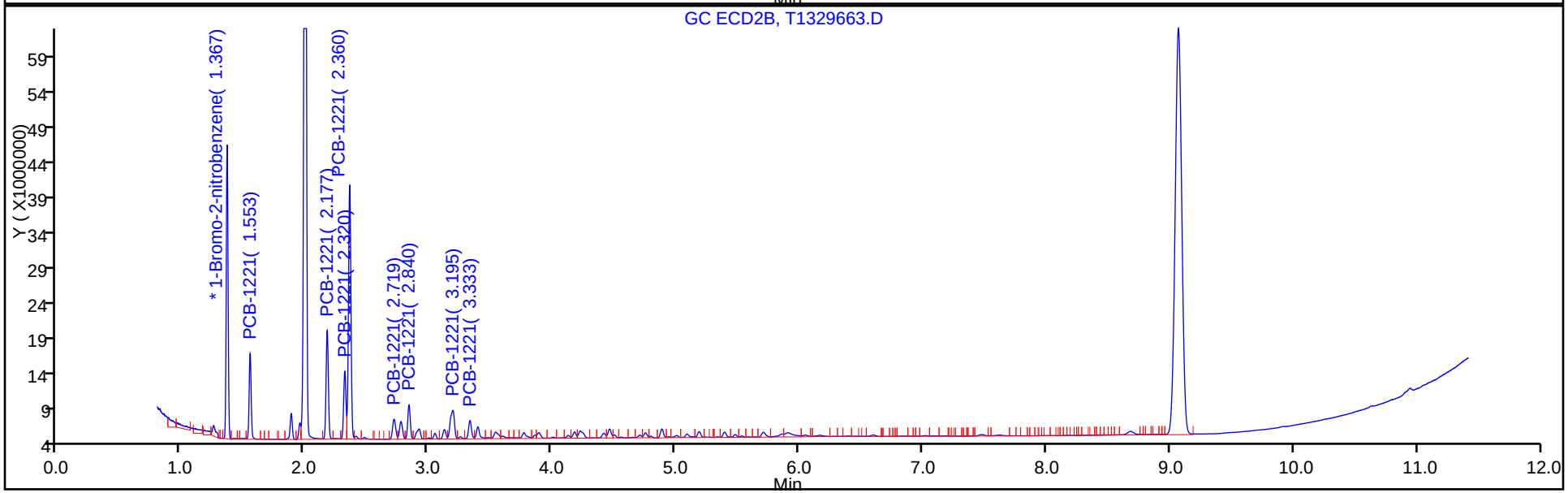
Report Date: 19-Jun-2016 09:11:44 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329663.D

Injection Date:	17-Jun-2016 18:16:53	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1221			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:31 Calibration End Date: 06/17/2016 18:31 Calibration ID: 56325

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/9	T1329664.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1232 Peak 1	0.0210					Ave		0.0210						20.0			0.9900
PCB-1232 Peak 2	0.0169					Ave		0.0169						20.0			0.9900
PCB-1232 Peak 3	0.0064					Ave		0.0064						20.0			0.9900
PCB-1232 Peak 4	0.0323					Ave		0.0323						20.0			0.9900
PCB-1232 Peak 5	0.0136					Ave		0.0136						20.0			0.9900
PCB-1232 Peak 6	0.0102					Ave		0.0102						20.0			0.9900
PCB-1232 Peak 7	0.0100					Ave		0.0100						20.0			0.9900
PCB-1232 Peak 8	0.0113					Ave		0.0113						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:31 Calibration End Date: 06/17/2016 18:31 Calibration ID: 56325

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/9	T1329664.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	48899297					1000				
PCB-1232 Peak 2	BNB	Ave	39454974					1000				
PCB-1232 Peak 3	BNB	Ave	14992024					1000				
PCB-1232 Peak 4	BNB	Ave	75406138					1000				
PCB-1232 Peak 5	BNB	Ave	31631999					1000				
PCB-1232 Peak 6	BNB	Ave	23802440					1000				
PCB-1232 Peak 7	BNB	Ave	23259576					1000				
PCB-1232 Peak 8	BNB	Ave	26463577					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329664.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 18:31:23 ALS Bottle#: 10 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-009
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:47 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:59:31

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	46662355	20.0	20.0	
2	1.368	1.368	0.000	41416689	20.0	20.0	
						RPD = 0.00	
3 PCB-1232							M
1	2.998	2.998	0.000	48899297	1000.0	1000.0	a
1	3.465	3.465	0.000	39454974	1000.0	1000.0	a
1	3.739	3.739	0.000	14992024	1000.0	1000.0	a
1	3.986	3.986	0.000	75406138	1000.0	1000.0	a
1	4.142	4.142	0.000	31631999	1000.0	1000.0	a
1	4.683	4.683	0.000	23802440	1000.0	1000.0	a
1	5.121	5.121	0.000	23259576	1000.0	1000.0	a
1	5.169	5.169	0.000	26463577	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	2.360	2.360	0.000	45103474	1000.0	1000.0	a
2	2.718	2.718	0.000	34140860	1000.0	1000.0	M
2	2.921	2.921	0.000	22896111	1000.0	1000.0	M
2	3.194	3.194	0.000	74849966	1000.0	1000.0	M
2	3.334	3.334	0.000	30842670	1000.0	1000.0	M
2	3.771	3.771	0.000	28528908	1000.0	1000.0	M
2	4.226	4.226	0.000	44087632	1000.0	1000.0	M
2	4.459	4.459	0.000	16628368	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

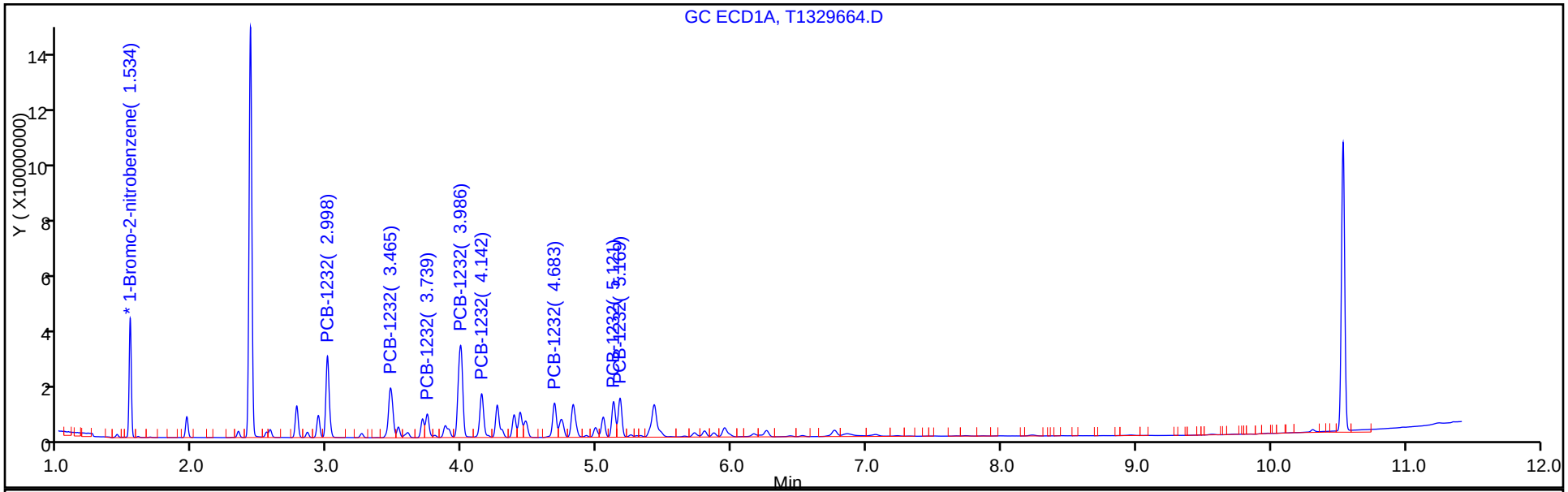
SG1232L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

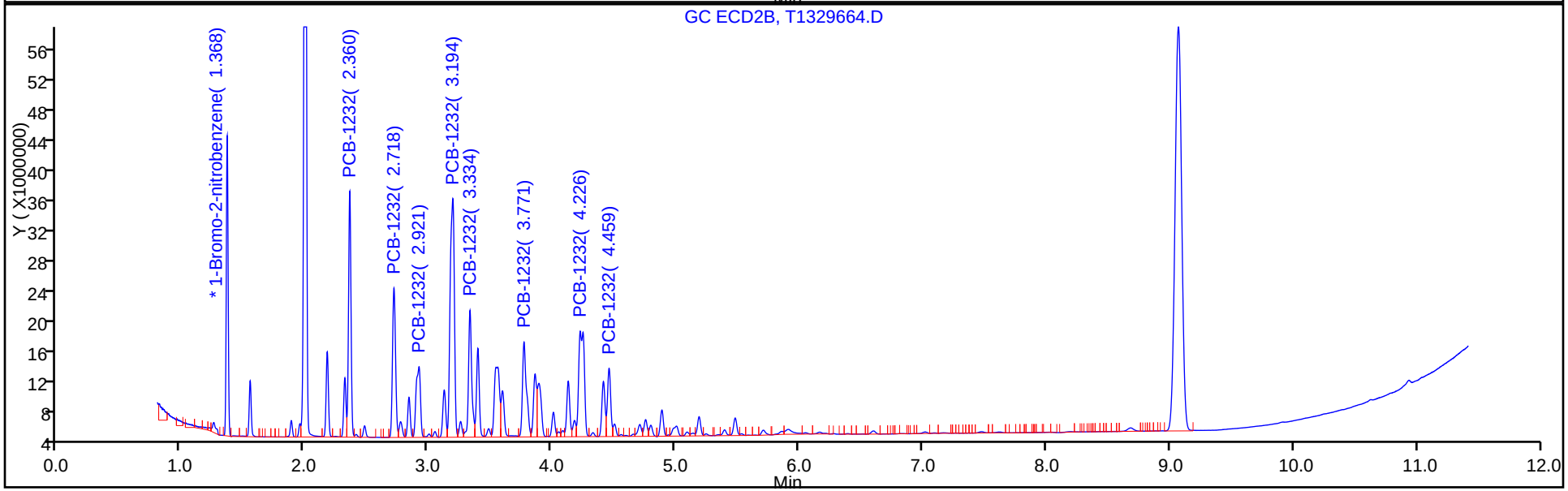
Report Date: 19-Jun-2016 09:11:50 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329664.D

Injection Date:	17-Jun-2016 18:31:23	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1232			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:31 Calibration End Date: 06/17/2016 18:31 Calibration ID: 56326

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/9	T1329664.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1232 Peak 1	0.0218					Ave		0.0218						20.0			0.9900
PCB-1232 Peak 2	0.0165					Ave		0.0165						20.0			0.9900
PCB-1232 Peak 3	0.0111					Ave		0.0111						20.0			0.9900
PCB-1232 Peak 4	0.0361					Ave		0.0361						20.0			0.9900
PCB-1232 Peak 5	0.0149					Ave		0.0149						20.0			0.9900
PCB-1232 Peak 6	0.0138					Ave		0.0138						20.0			0.9900
PCB-1232 Peak 7	0.0213					Ave		0.0213						20.0			0.9900
PCB-1232 Peak 8	0.0080					Ave		0.0080						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:31 Calibration End Date: 06/17/2016 18:31 Calibration ID: 56326

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/9	T1329664.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	45103474					1000				
PCB-1232 Peak 2	BNB	Ave	34140860					1000				
PCB-1232 Peak 3	BNB	Ave	22896111					1000				
PCB-1232 Peak 4	BNB	Ave	74849966					1000				
PCB-1232 Peak 5	BNB	Ave	30842670					1000				
PCB-1232 Peak 6	BNB	Ave	28528908					1000				
PCB-1232 Peak 7	BNB	Ave	44087632					1000				
PCB-1232 Peak 8	BNB	Ave	16628368					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329664.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 18:31:23 ALS Bottle#: 10 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-009
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:47 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:59:31

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	46662355	20.0	20.0	
2	1.368	1.368	0.000	41416689	20.0	20.0	
						RPD = 0.00	
3 PCB-1232							M
1	2.998	2.998	0.000	48899297	1000.0	1000.0	a
1	3.465	3.465	0.000	39454974	1000.0	1000.0	a
1	3.739	3.739	0.000	14992024	1000.0	1000.0	a
1	3.986	3.986	0.000	75406138	1000.0	1000.0	a
1	4.142	4.142	0.000	31631999	1000.0	1000.0	a
1	4.683	4.683	0.000	23802440	1000.0	1000.0	a
1	5.121	5.121	0.000	23259576	1000.0	1000.0	a
1	5.169	5.169	0.000	26463577	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	2.360	2.360	0.000	45103474	1000.0	1000.0	a
2	2.718	2.718	0.000	34140860	1000.0	1000.0	M
2	2.921	2.921	0.000	22896111	1000.0	1000.0	M
2	3.194	3.194	0.000	74849966	1000.0	1000.0	M
2	3.334	3.334	0.000	30842670	1000.0	1000.0	M
2	3.771	3.771	0.000	28528908	1000.0	1000.0	M
2	4.226	4.226	0.000	44087632	1000.0	1000.0	M
2	4.459	4.459	0.000	16628368	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

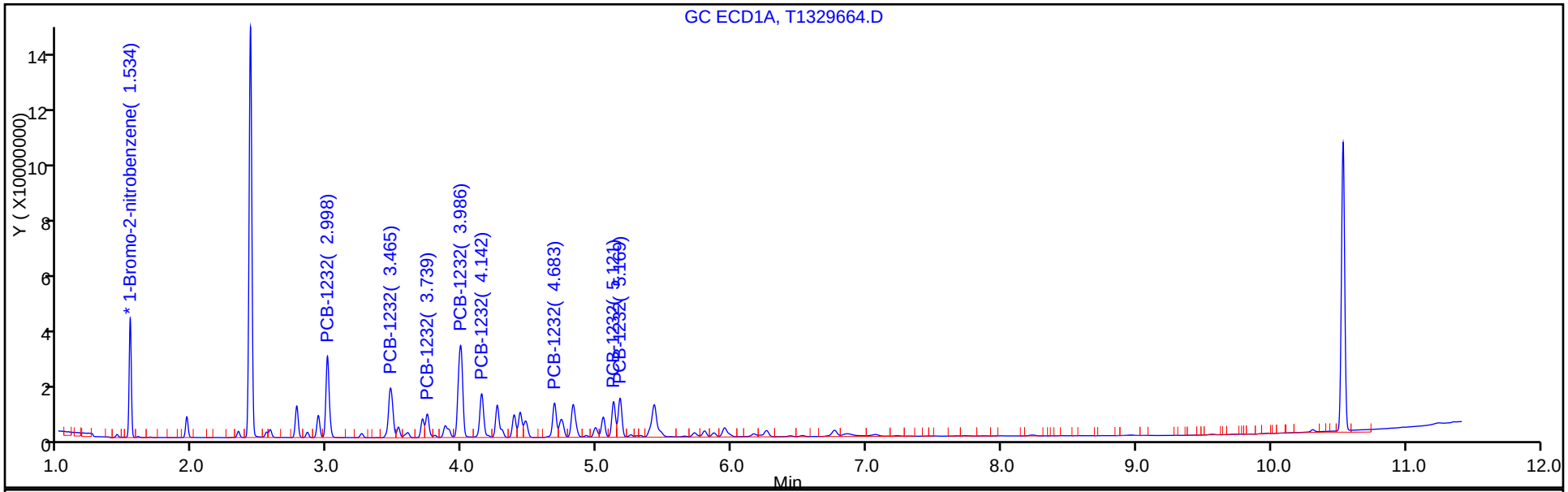
SG1232L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

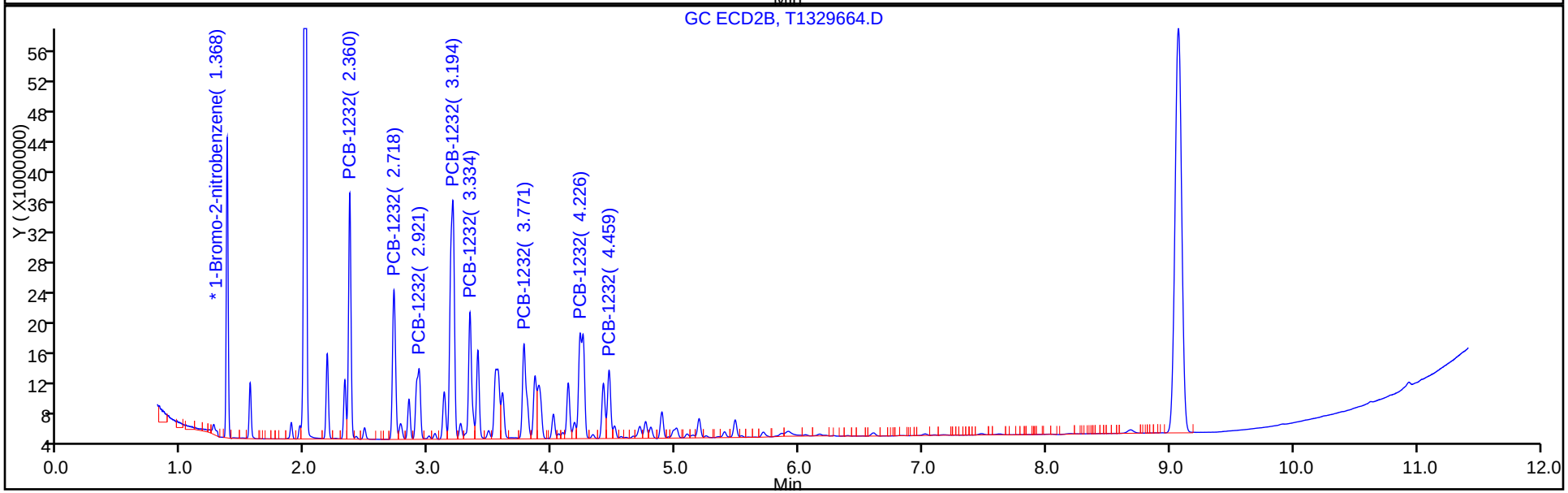
Report Date: 19-Jun-2016 09:11:50 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329664.D

Injection Date:	17-Jun-2016 18:31:23	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1232			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:45 Calibration End Date: 06/17/2016 18:45 Calibration ID: 56331

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/10	T1329665.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1242 Peak 1	0.0144					Ave		0.0144						20.0			0.9900
PCB-1242 Peak 2	0.0283					Ave		0.0283						20.0			0.9900
PCB-1242 Peak 3	0.0113					Ave		0.0113						20.0			0.9900
PCB-1242 Peak 4	0.0574					Ave		0.0574						20.0			0.9900
PCB-1242 Peak 5	0.0241					Ave		0.0241						20.0			0.9900
PCB-1242 Peak 6	0.0223					Ave		0.0223						20.0			0.9900
PCB-1242 Peak 7	0.0200					Ave		0.0200						20.0			0.9900
PCB-1242 Peak 8	0.0224					Ave		0.0224						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:45 Calibration End Date: 06/17/2016 18:45 Calibration ID: 56331

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/10	T1329665.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1242 Peak 1	BNB	Ave	37524106					1000				
PCB-1242 Peak 2	BNB	Ave	73575017					1000				
PCB-1242 Peak 3	BNB	Ave	29503886					1000				
PCB-1242 Peak 4	BNB	Ave	149210359					1000				
PCB-1242 Peak 5	BNB	Ave	62602682					1000				
PCB-1242 Peak 6	BNB	Ave	57937524					1000				
PCB-1242 Peak 7	BNB	Ave	52106940					1000				
PCB-1242 Peak 8	BNB	Ave	58111849					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329665.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 18:45:54 ALS Bottle#: 11 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-010
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:53 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:01:14

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	51996898	20.0	20.0	
2	1.367	1.367	0.000	47857031	20.0	20.0	
						RPD = 0.00	
4 PCB-1242							M
1	2.997	2.997	0.000	37524106	1000.0	1000.0	a
1	3.466	3.466	0.000	73575017	1000.0	1000.0	a
1	3.738	3.738	0.000	29503886	1000.0	1000.0	M
1	3.986	3.986	0.000	149210359	1000.0	1000.0	M
1	4.141	4.141	0.000	62602682	1000.0	1000.0	M
1	4.822	4.822	0.000	57937524	1000.0	1000.0	M
1	5.121	5.121	0.000	52106940	1000.0	1000.0	M
1	5.170	5.170	0.000	58111849	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.360	2.360	0.000	34667503	1000.0	1000.0	a
2	2.717	2.717	0.000	67998895	1000.0	1000.0	a
2	2.921	2.921	0.000	45393572	1000.0	1000.0	M
2	3.194	3.194	0.000	149614498	1000.0	1000.0	M
2	3.333	3.333	0.000	62126228	1000.0	1000.0	M
2	3.771	3.771	0.000	62499833	1000.0	1000.0	M
2	4.226	4.226	0.000	98728952	1000.0	1000.0	M
2	4.460	4.460	0.000	38582618	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

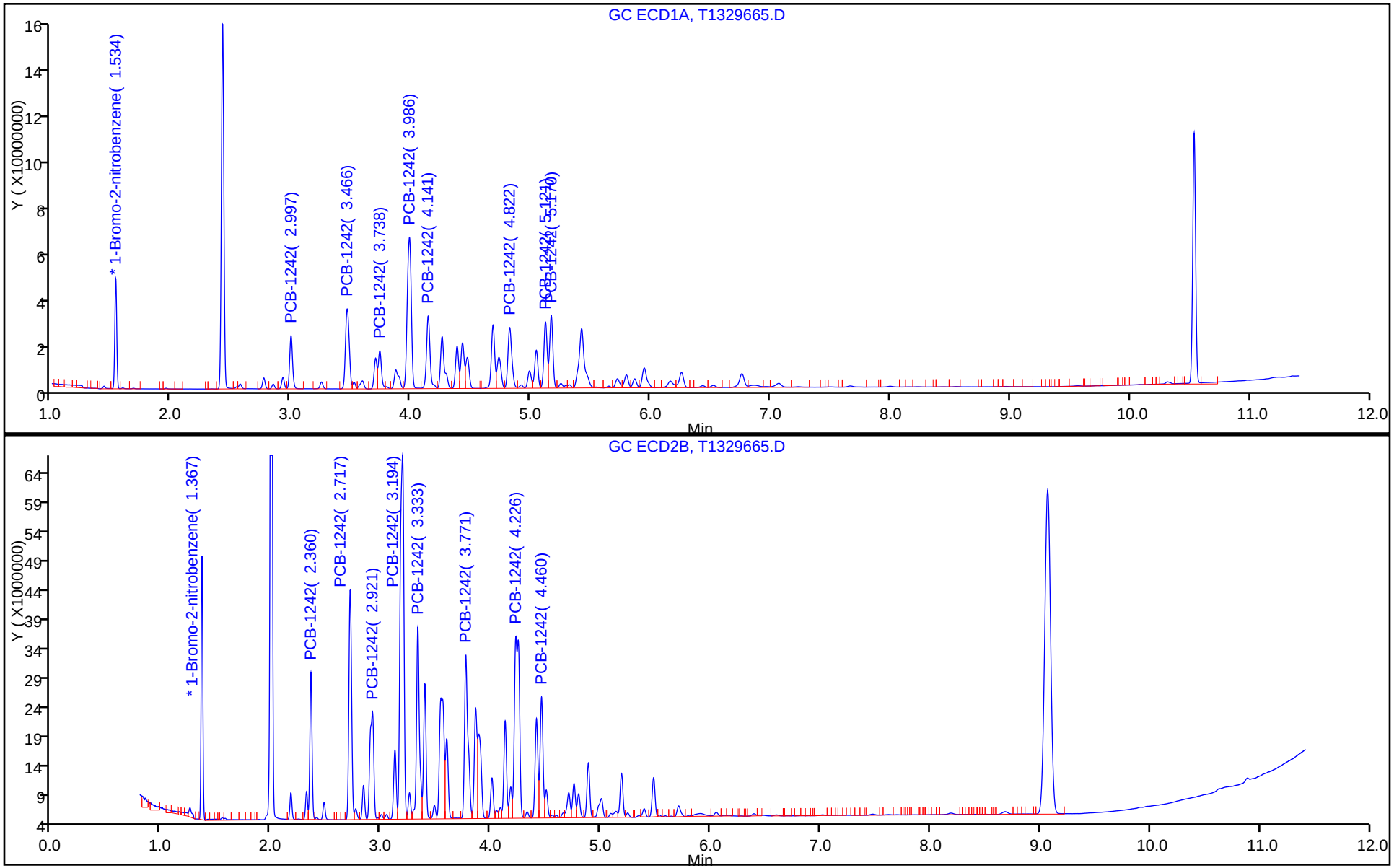
SG1242L3_00026	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:11:55 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329665.D

Injection Date:	17-Jun-2016 18:45:54	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1242			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:45 Calibration End Date: 06/17/2016 18:45 Calibration ID: 56332

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/10	T1329665.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1242 Peak 1	0.0145					Ave		0.0145						20.0			0.9900
PCB-1242 Peak 2	0.0284					Ave		0.0284						20.0			0.9900
PCB-1242 Peak 3	0.0190					Ave		0.0190						20.0			0.9900
PCB-1242 Peak 4	0.0625					Ave		0.0625						20.0			0.9900
PCB-1242 Peak 5	0.0260					Ave		0.0260						20.0			0.9900
PCB-1242 Peak 6	0.0261					Ave		0.0261						20.0			0.9900
PCB-1242 Peak 7	0.0413					Ave		0.0413						20.0			0.9900
PCB-1242 Peak 8	0.0161					Ave		0.0161						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:45 Calibration End Date: 06/17/2016 18:45 Calibration ID: 56332

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/10	T1329665.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1242 Peak 1	BNB	Ave	34667503					1000				
PCB-1242 Peak 2	BNB	Ave	67998895					1000				
PCB-1242 Peak 3	BNB	Ave	45393572					1000				
PCB-1242 Peak 4	BNB	Ave	149614498					1000				
PCB-1242 Peak 5	BNB	Ave	62126228					1000				
PCB-1242 Peak 6	BNB	Ave	62499833					1000				
PCB-1242 Peak 7	BNB	Ave	98728952					1000				
PCB-1242 Peak 8	BNB	Ave	38582618					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329665.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 18:45:54 ALS Bottle#: 11 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-010
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:53 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:01:14

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	51996898	20.0	20.0	
2	1.367	1.367	0.000	47857031	20.0	20.0	
						RPD = 0.00	
4 PCB-1242							M
1	2.997	2.997	0.000	37524106	1000.0	1000.0	a
1	3.466	3.466	0.000	73575017	1000.0	1000.0	a
1	3.738	3.738	0.000	29503886	1000.0	1000.0	M
1	3.986	3.986	0.000	149210359	1000.0	1000.0	M
1	4.141	4.141	0.000	62602682	1000.0	1000.0	M
1	4.822	4.822	0.000	57937524	1000.0	1000.0	M
1	5.121	5.121	0.000	52106940	1000.0	1000.0	M
1	5.170	5.170	0.000	58111849	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.360	2.360	0.000	34667503	1000.0	1000.0	a
2	2.717	2.717	0.000	67998895	1000.0	1000.0	a
2	2.921	2.921	0.000	45393572	1000.0	1000.0	M
2	3.194	3.194	0.000	149614498	1000.0	1000.0	M
2	3.333	3.333	0.000	62126228	1000.0	1000.0	M
2	3.771	3.771	0.000	62499833	1000.0	1000.0	M
2	4.226	4.226	0.000	98728952	1000.0	1000.0	M
2	4.460	4.460	0.000	38582618	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

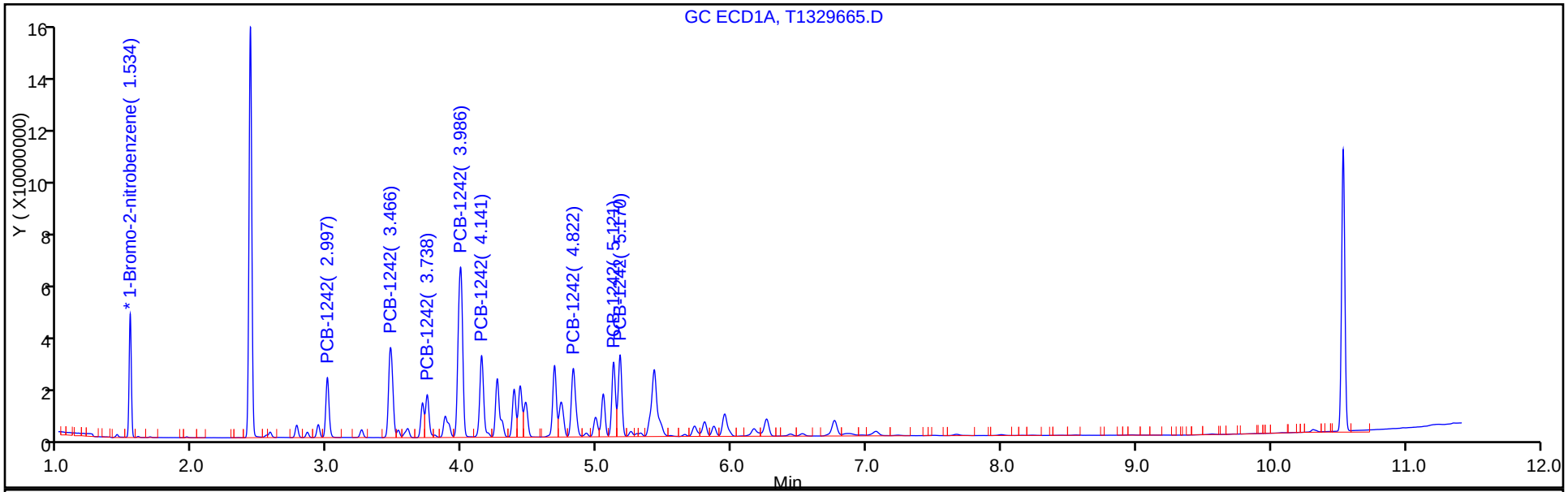
SG1242L3_00026	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

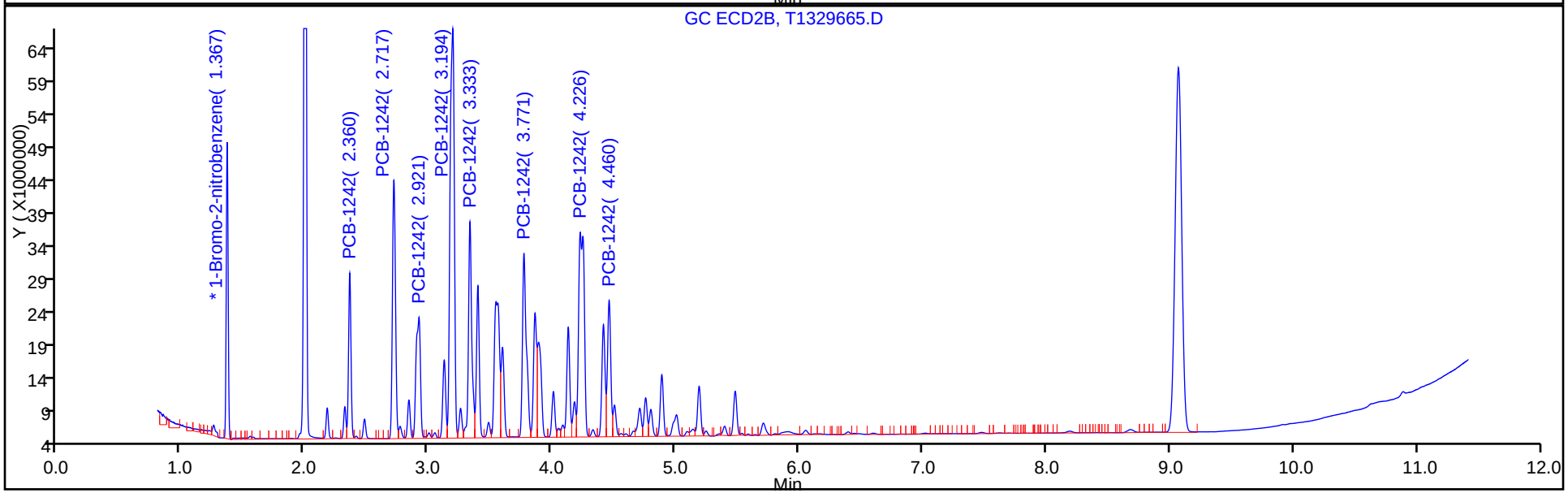
Report Date: 19-Jun-2016 09:11:56 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329665.D

Injection Date:	17-Jun-2016 18:45:54	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1242			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:00 Calibration End Date: 06/17/2016 19:00 Calibration ID: 56337

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/11	T1329666.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1248 Peak 1	0.0138					Ave		0.0138						20.0			0.9900
PCB-1248 Peak 2	0.0344					Ave		0.0344						20.0			0.9900
PCB-1248 Peak 3	0.0205					Ave		0.0205						20.0			0.9900
PCB-1248 Peak 4	0.0187					Ave		0.0187						20.0			0.9900
PCB-1248 Peak 5	0.0295					Ave		0.0295						20.0			0.9900
PCB-1248 Peak 6	0.0315					Ave		0.0315						20.0			0.9900
PCB-1248 Peak 7	0.0343					Ave		0.0343						20.0			0.9900
PCB-1248 Peak 8	0.0133					Ave		0.0133						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:00 Calibration End Date: 06/17/2016 19:00 Calibration ID: 56337

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/11	T1329666.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	36401836					1000				
PCB-1248 Peak 2	BNB	Ave	90751385					1000				
PCB-1248 Peak 3	BNB	Ave	54069708					1000				
PCB-1248 Peak 4	BNB	Ave	49197995					1000				
PCB-1248 Peak 5	BNB	Ave	77739389					1000				
PCB-1248 Peak 6	BNB	Ave	83134147					1000				
PCB-1248 Peak 7	BNB	Ave	90374853					1000				
PCB-1248 Peak 8	BNB	Ave	35127736					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329666.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 19:00:24 ALS Bottle#: 12 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-011
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:59 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:03:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.533	1.533	0.000	52727160	20.0	20.0	
2	1.367	1.367	0.000	47606303	20.0	20.0	
						RPD = 0.00	
6 PCB-1248							M
1	3.464	3.464	0.000	36401836	1000.0	1000.0	M
1	3.982	3.982	0.000	90751385	1000.0	1000.0	M
1	4.383	4.383	0.000	54069708	1000.0	1000.0	M
1	4.428	4.428	0.000	49197995	1000.0	1000.0	M
1	4.821	4.821	0.000	77739389	1000.0	1000.0	M
1	5.121	5.121	0.000	83134147	1000.0	1000.0	M
1	5.168	5.168	0.000	90374853	1000.0	1000.0	M
1	6.257	6.257	0.000	35127736	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	2.716	2.716	0.000	32691681	1000.0	1000.0	M
2	3.186	3.186	0.000	89100591	1000.0	1000.0	M
2	3.542	3.542	0.000	92524692	1000.0	1000.0	M
2	3.859	3.859	0.000	54435580	1000.0	1000.0	M
2	4.226	4.226	0.000	151050511	1000.0	1000.0	M
2	4.460	4.460	0.000	66302401	1000.0	1000.0	M
2	4.886	4.886	0.000	41885424	1000.0	1000.0	M
2	5.481	5.481	0.000	28267581	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

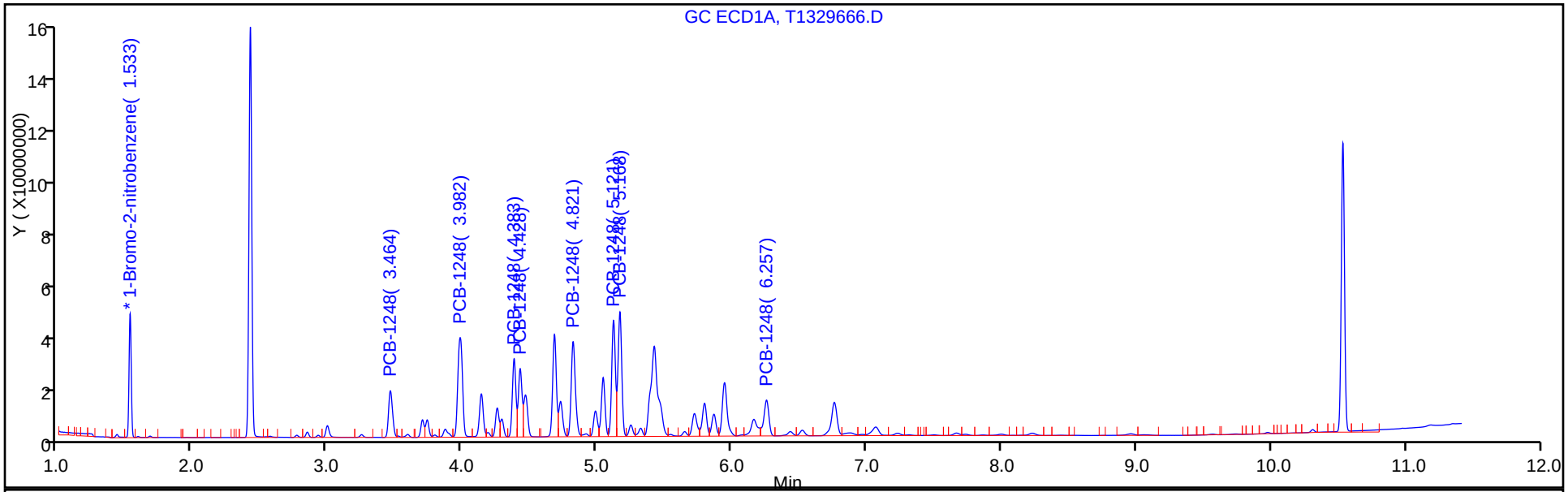
SG1248L3_00025	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

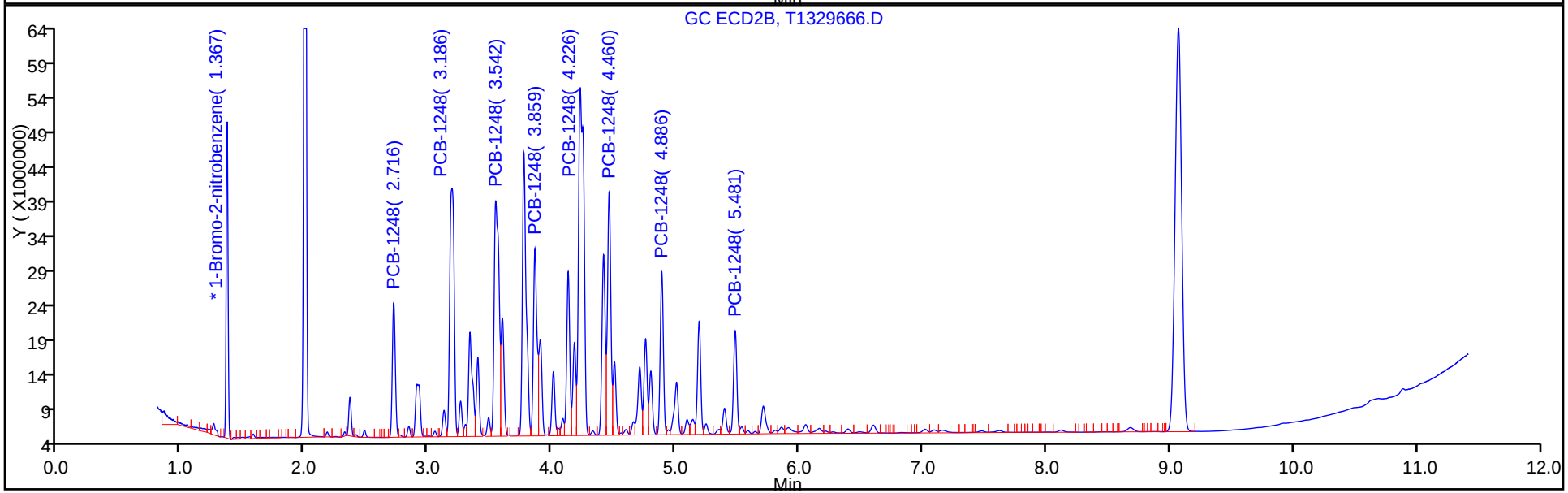
Report Date: 19-Jun-2016 09:12:02 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329666.D

Injection Date:	17-Jun-2016 19:00:24	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1248			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:00 Calibration End Date: 06/17/2016 19:00 Calibration ID: 56338

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/11	T1329666.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1248 Peak 1	0.0137					Ave		0.0137						20.0			0.9900
PCB-1248 Peak 2	0.0374					Ave		0.0374						20.0			0.9900
PCB-1248 Peak 3	0.0389					Ave		0.0389						20.0			0.9900
PCB-1248 Peak 4	0.0229					Ave		0.0229						20.0			0.9900
PCB-1248 Peak 5	0.0635					Ave		0.0635						20.0			0.9900
PCB-1248 Peak 6	0.0279					Ave		0.0279						20.0			0.9900
PCB-1248 Peak 7	0.0176					Ave		0.0176						20.0			0.9900
PCB-1248 Peak 8	0.0119					Ave		0.0119						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:00 Calibration End Date: 06/17/2016 19:00 Calibration ID: 56338

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/11	T1329666.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	32691681					1000				
PCB-1248 Peak 2	BNB	Ave	89100591					1000				
PCB-1248 Peak 3	BNB	Ave	92524692					1000				
PCB-1248 Peak 4	BNB	Ave	54435580					1000				
PCB-1248 Peak 5	BNB	Ave	151050511					1000				
PCB-1248 Peak 6	BNB	Ave	66302401					1000				
PCB-1248 Peak 7	BNB	Ave	41885424					1000				
PCB-1248 Peak 8	BNB	Ave	28267581					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329666.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 19:00:24 ALS Bottle#: 12 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-011
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:59 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:03:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.533	1.533	0.000	52727160	20.0	20.0	
2	1.367	1.367	0.000	47606303	20.0	20.0	
						RPD = 0.00	
6 PCB-1248							M
1	3.464	3.464	0.000	36401836	1000.0	1000.0	M
1	3.982	3.982	0.000	90751385	1000.0	1000.0	M
1	4.383	4.383	0.000	54069708	1000.0	1000.0	M
1	4.428	4.428	0.000	49197995	1000.0	1000.0	M
1	4.821	4.821	0.000	77739389	1000.0	1000.0	M
1	5.121	5.121	0.000	83134147	1000.0	1000.0	M
1	5.168	5.168	0.000	90374853	1000.0	1000.0	M
1	6.257	6.257	0.000	35127736	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	2.716	2.716	0.000	32691681	1000.0	1000.0	M
2	3.186	3.186	0.000	89100591	1000.0	1000.0	M
2	3.542	3.542	0.000	92524692	1000.0	1000.0	M
2	3.859	3.859	0.000	54435580	1000.0	1000.0	M
2	4.226	4.226	0.000	151050511	1000.0	1000.0	M
2	4.460	4.460	0.000	66302401	1000.0	1000.0	M
2	4.886	4.886	0.000	41885424	1000.0	1000.0	M
2	5.481	5.481	0.000	28267581	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

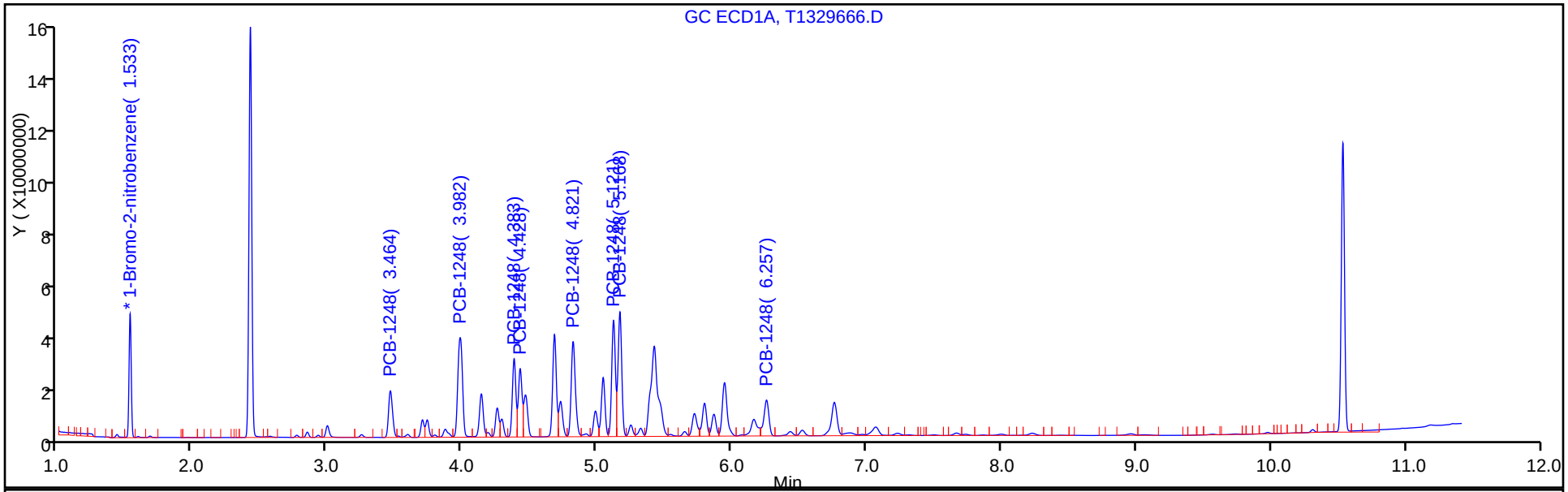
SG1248L3_00025	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

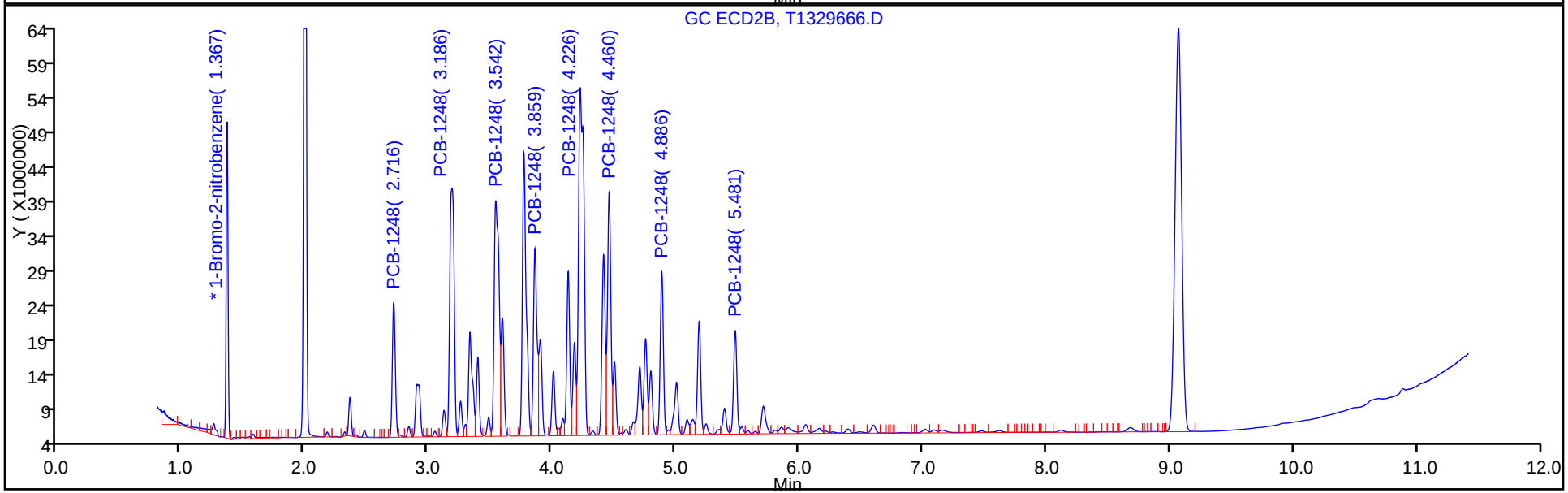
Report Date: 19-Jun-2016 09:12:02 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329666.D

Injection Date:	17-Jun-2016 19:00:24	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1248			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:14 Calibration End Date: 06/17/2016 19:14 Calibration ID: 56343

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/12	T1329667.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1254 Peak 1	0.0117					Ave		0.0117						20.0			0.9900
PCB-1254 Peak 2	0.0330					Ave		0.0330						20.0			0.9900
PCB-1254 Peak 3	0.0386					Ave		0.0386						20.0			0.9900
PCB-1254 Peak 4	0.0300					Ave		0.0300						20.0			0.9900
PCB-1254 Peak 5	0.0609					Ave		0.0609						20.0			0.9900
PCB-1254 Peak 6	0.0434					Ave		0.0434						20.0			0.9900
PCB-1254 Peak 7	0.0382					Ave		0.0382						20.0			0.9900
PCB-1254 Peak 8	0.0585					Ave		0.0585						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:14 Calibration End Date: 06/17/2016 19:14 Calibration ID: 56343

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/12	T1329667.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	29133108					1000				
PCB-1254 Peak 2	BNB	Ave	81867095					1000				
PCB-1254 Peak 3	BNB	Ave	95877038					1000				
PCB-1254 Peak 4	BNB	Ave	74380731					1000				
PCB-1254 Peak 5	BNB	Ave	151049862					1000				
PCB-1254 Peak 6	BNB	Ave	107636280					1000				
PCB-1254 Peak 7	BNB	Ave	94722298					1000				
PCB-1254 Peak 8	BNB	Ave	145227823					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329667.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 19:14:55 ALS Bottle#: 13 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-012
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub7

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:12:05 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:05:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.533	1.533	0.000	49619620	20.0	20.0	
2	1.367	1.367	0.000	44775479	20.0	20.0	
						RPD = 0.00	
7 PCB-1254							M
1	4.684	4.684	0.000	29133108	1000.0	1000.0	a
1	5.164	5.164	0.000	81867095	1000.0	1000.0	a
1	5.391	5.391	0.000	95877038	1000.0	1000.0	a
1	5.797	5.797	0.000	74380731	1000.0	1000.0	a
1	5.946	5.946	0.000	151049862	1000.0	1000.0	a
1	6.257	6.257	0.000	107636280	1000.0	1000.0	a
1	6.761	6.761	0.000	94722298	1000.0	1000.0	M
1	7.068	7.068	0.000	145227823	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	3.769	3.769	0.000	26458336	1000.0	1000.0	M
2	4.180	4.180	0.000	70491895	1000.0	1000.0	M
2	4.465	4.465	0.000	98568806	1000.0	1000.0	M
2	4.755	4.755	0.000	76333301	1000.0	1000.0	M
2	4.887	4.887	0.000	131779144	1000.0	1000.0	M
2	5.189	5.189	0.000	103083589	1000.0	1000.0	M
2	5.395	5.395	0.000	91735193	1000.0	1000.0	M
2	5.709	5.709	0.000	138261384	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

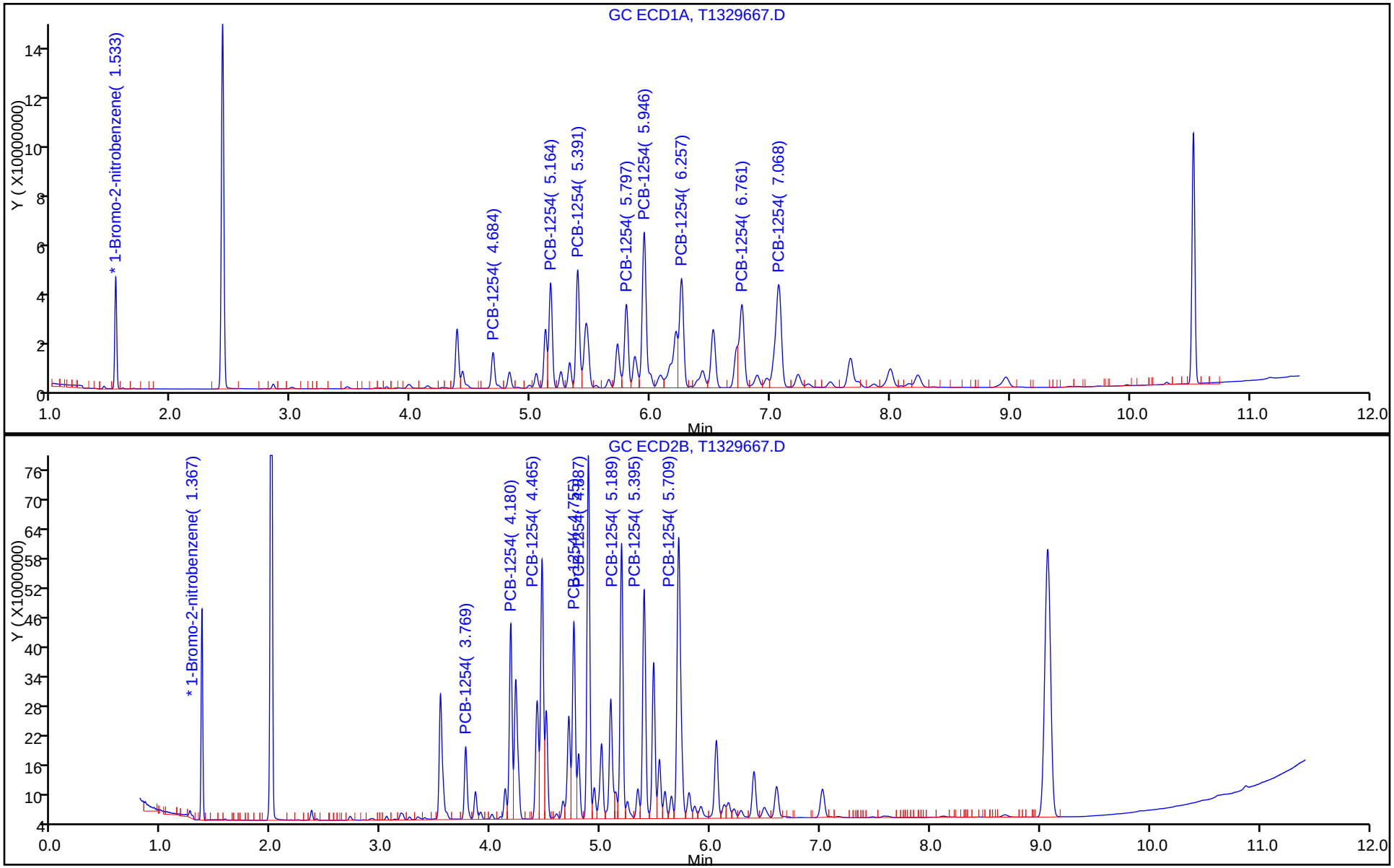
SG1254L3_00027	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:12:10 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329667.D

Injection Date:	17-Jun-2016 19:14:55	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1254			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:14 Calibration End Date: 06/17/2016 19:14 Calibration ID: 56344

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/12	T1329667.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1254 Peak 1	0.0118					Ave		0.0118						20.0			0.9900
PCB-1254 Peak 2	0.0315					Ave		0.0315						20.0			0.9900
PCB-1254 Peak 3	0.0440					Ave		0.0440						20.0			0.9900
PCB-1254 Peak 4	0.0341					Ave		0.0341						20.0			0.9900
PCB-1254 Peak 5	0.0589					Ave		0.0589						20.0			0.9900
PCB-1254 Peak 6	0.0460					Ave		0.0460						20.0			0.9900
PCB-1254 Peak 7	0.0410					Ave		0.0410						20.0			0.9900
PCB-1254 Peak 8	0.0618					Ave		0.0618						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:14 Calibration End Date: 06/17/2016 19:14 Calibration ID: 56344

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/12	T1329667.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	26458336					1000				
PCB-1254 Peak 2	BNB	Ave	70491895					1000				
PCB-1254 Peak 3	BNB	Ave	98568806					1000				
PCB-1254 Peak 4	BNB	Ave	76333301					1000				
PCB-1254 Peak 5	BNB	Ave	131779144					1000				
PCB-1254 Peak 6	BNB	Ave	103083589					1000				
PCB-1254 Peak 7	BNB	Ave	91735193					1000				
PCB-1254 Peak 8	BNB	Ave	138261384					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329667.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 19:14:55 ALS Bottle#: 13 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-012
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub7

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:12:05 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:05:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.533	1.533	0.000	49619620	20.0	20.0	
2	1.367	1.367	0.000	44775479	20.0	20.0	
						RPD = 0.00	
7 PCB-1254							M
1	4.684	4.684	0.000	29133108	1000.0	1000.0	a
1	5.164	5.164	0.000	81867095	1000.0	1000.0	a
1	5.391	5.391	0.000	95877038	1000.0	1000.0	a
1	5.797	5.797	0.000	74380731	1000.0	1000.0	a
1	5.946	5.946	0.000	151049862	1000.0	1000.0	a
1	6.257	6.257	0.000	107636280	1000.0	1000.0	a
1	6.761	6.761	0.000	94722298	1000.0	1000.0	M
1	7.068	7.068	0.000	145227823	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	3.769	3.769	0.000	26458336	1000.0	1000.0	M
2	4.180	4.180	0.000	70491895	1000.0	1000.0	M
2	4.465	4.465	0.000	98568806	1000.0	1000.0	M
2	4.755	4.755	0.000	76333301	1000.0	1000.0	M
2	4.887	4.887	0.000	131779144	1000.0	1000.0	M
2	5.189	5.189	0.000	103083589	1000.0	1000.0	M
2	5.395	5.395	0.000	91735193	1000.0	1000.0	M
2	5.709	5.709	0.000	138261384	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

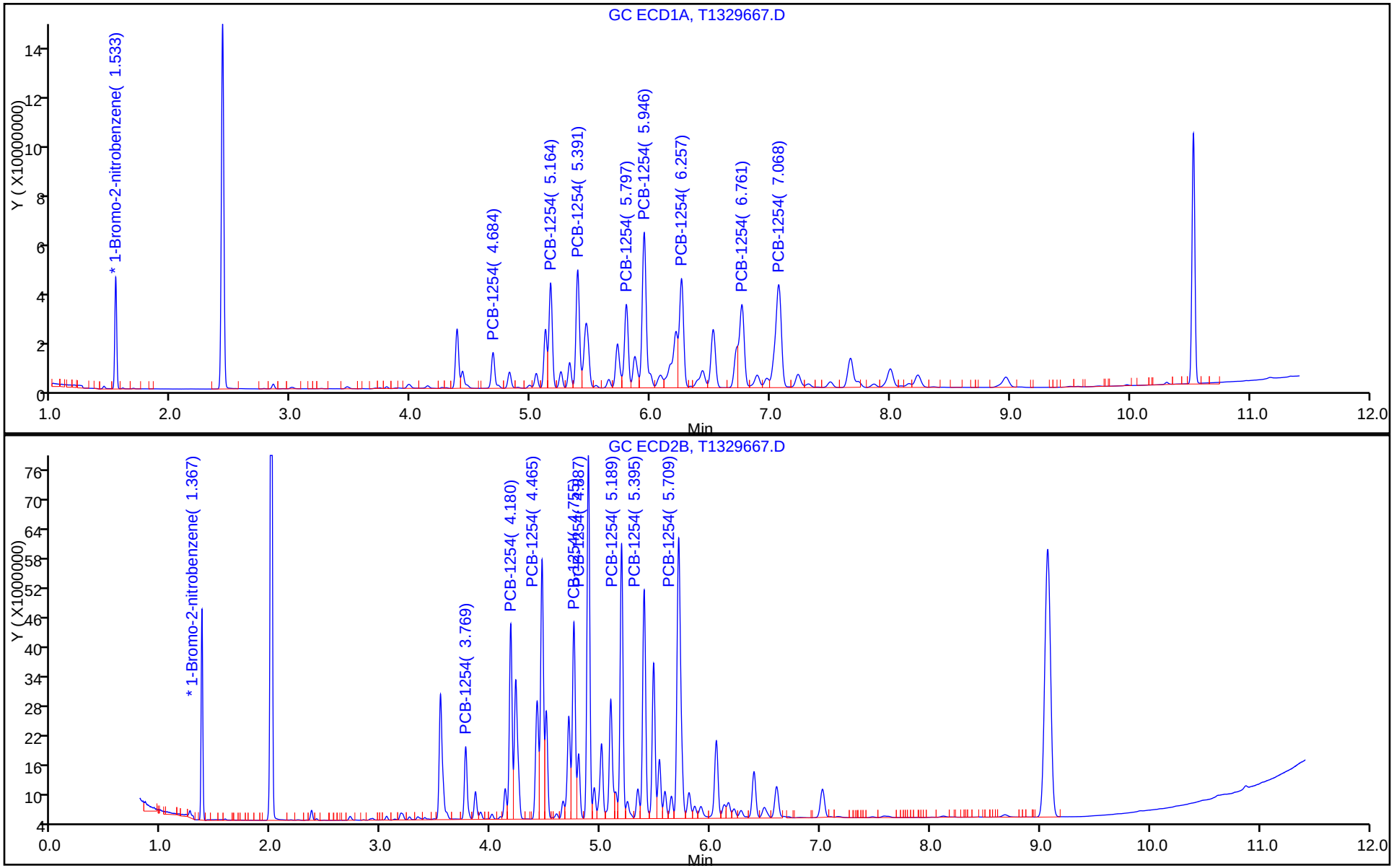
SG1254L3_00027	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:12:11 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329667.D

Injection Date:	17-Jun-2016 19:14:55	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1254			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:29 Calibration End Date: 06/17/2016 19:29 Calibration ID: 56349

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/13	T1329668.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1262 Peak 1	0.0361					Ave		0.0361						20.0			0.9900
PCB-1262 Peak 2	0.0419					Ave		0.0419						20.0			0.9900
PCB-1262 Peak 3	0.0620					Ave		0.0620						20.0			0.9900
PCB-1262 Peak 4	0.0568					Ave		0.0568						20.0			0.9900
PCB-1262 Peak 5	0.1148					Ave		0.1148						20.0			0.9900
PCB-1262 Peak 6	0.0182					Ave		0.0182						20.0			0.9900
PCB-1262 Peak 7	0.0412					Ave		0.0412						20.0			0.9900
PCB-1262 Peak 8	0.0142					Ave		0.0142						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:29 Calibration End Date: 06/17/2016 19:29 Calibration ID: 56349

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/13	T1329668.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1262 Peak 1	BNB	Ave	89674640					1000				
PCB-1262 Peak 2	BNB	Ave	104035024					1000				
PCB-1262 Peak 3	BNB	Ave	154090069					1000				
PCB-1262 Peak 4	BNB	Ave	141181898					1000				
PCB-1262 Peak 5	BNB	Ave	285081371					1000				
PCB-1262 Peak 6	BNB	Ave	45130632					1000				
PCB-1262 Peak 7	BNB	Ave	102259307					1000				
PCB-1262 Peak 8	BNB	Ave	35317029					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329668.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 19:29:21 ALS Bottle#: 14 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-013
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub8

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:12:14 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:07:42

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	49668793	20.0	20.0	
2	1.368	1.368	0.000	45259079	20.0	20.0	
						RPD = 0.00	
9 PCB-1262							M
1	6.213	6.213	0.000	89674640	1000.0	1000.0	a
1	6.524	6.524	0.000	104035024	1000.0	1000.0	a
1	7.229	7.229	0.000	154090069	1000.0	1000.0	a
1	7.738	7.738	0.000	141181898	1000.0	1000.0	a
1	8.233	8.233	0.000	285081371	1000.0	1000.0	a
1	9.744	9.744	0.000	45130632	1000.0	1000.0	a
1	9.974	9.974	0.000	102259307	1000.0	1000.0	
1	10.306	10.306	0.000	35317029	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	5.092	5.092	0.000	81745945	1000.0	1000.0	M
2	6.164	6.164	0.000	138403732	1000.0	1000.0	M
2	6.602	6.602	0.000	289513373	1000.0	1000.0	M
2	7.019	7.019	0.000	102630866	1000.0	1000.0	a
2	7.160	7.160	0.000	123711143	1000.0	1000.0	a
2	7.626	7.626	0.000	48287897	1000.0	1000.0	a
2	8.121	8.121	0.000	108064398	1000.0	1000.0	a
2	8.681	8.681	0.000	40912250	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

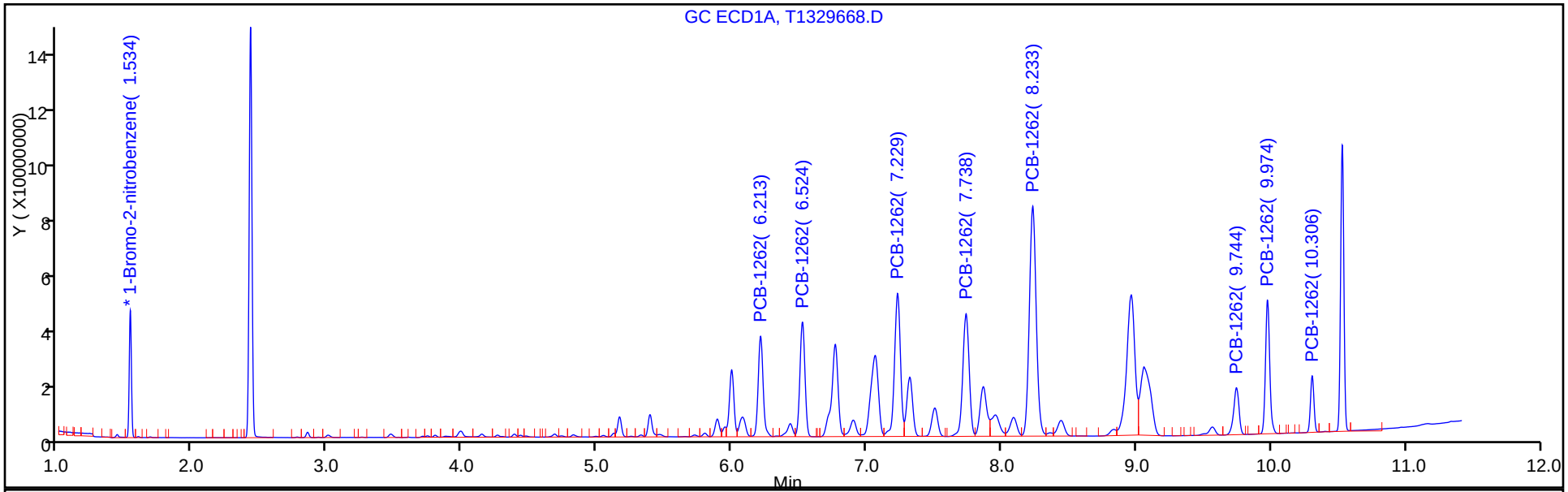
SG1262L3_00023	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

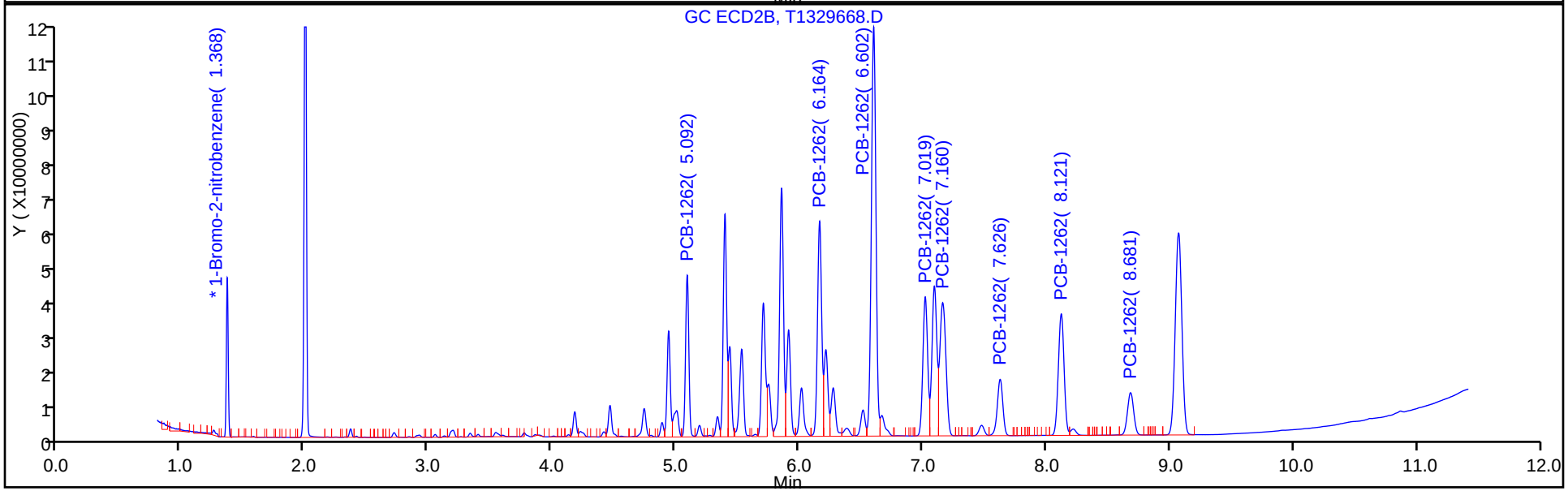
Report Date: 19-Jun-2016 09:12:17 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329668.D

Injection Date:	17-Jun-2016 19:29:21	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1262			Worklist Smp#:	13
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:29 Calibration End Date: 06/17/2016 19:29 Calibration ID: 56350

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/13	T1329668.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1262 Peak 1	0.0361					Ave		0.0361						20.0			0.9900
PCB-1262 Peak 2	0.0612					Ave		0.0612						20.0			0.9900
PCB-1262 Peak 3	0.1279					Ave		0.1279						20.0			0.9900
PCB-1262 Peak 4	0.0454					Ave		0.0454						20.0			0.9900
PCB-1262 Peak 5	0.0547					Ave		0.0547						20.0			0.9900
PCB-1262 Peak 6	0.0213					Ave		0.0213						20.0			0.9900
PCB-1262 Peak 7	0.0478					Ave		0.0478						20.0			0.9900
PCB-1262 Peak 8	0.0181					Ave		0.0181						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:29 Calibration End Date: 06/17/2016 19:29 Calibration ID: 56350

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/13	T1329668.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1262 Peak 1	BNB	Ave	81745945					1000				
PCB-1262 Peak 2	BNB	Ave	138403732					1000				
PCB-1262 Peak 3	BNB	Ave	289513373					1000				
PCB-1262 Peak 4	BNB	Ave	102630866					1000				
PCB-1262 Peak 5	BNB	Ave	123711143					1000				
PCB-1262 Peak 6	BNB	Ave	48287897					1000				
PCB-1262 Peak 7	BNB	Ave	108064398					1000				
PCB-1262 Peak 8	BNB	Ave	40912250					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329668.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 19:29:21 ALS Bottle#: 14 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-013
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub8

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:12:14 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:07:42

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	49668793	20.0	20.0	
2	1.368	1.368	0.000	45259079	20.0	20.0	
						RPD = 0.00	
9 PCB-1262							M
1	6.213	6.213	0.000	89674640	1000.0	1000.0	a
1	6.524	6.524	0.000	104035024	1000.0	1000.0	a
1	7.229	7.229	0.000	154090069	1000.0	1000.0	a
1	7.738	7.738	0.000	141181898	1000.0	1000.0	a
1	8.233	8.233	0.000	285081371	1000.0	1000.0	a
1	9.744	9.744	0.000	45130632	1000.0	1000.0	a
1	9.974	9.974	0.000	102259307	1000.0	1000.0	
1	10.306	10.306	0.000	35317029	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	5.092	5.092	0.000	81745945	1000.0	1000.0	M
2	6.164	6.164	0.000	138403732	1000.0	1000.0	M
2	6.602	6.602	0.000	289513373	1000.0	1000.0	M
2	7.019	7.019	0.000	102630866	1000.0	1000.0	a
2	7.160	7.160	0.000	123711143	1000.0	1000.0	a
2	7.626	7.626	0.000	48287897	1000.0	1000.0	a
2	8.121	8.121	0.000	108064398	1000.0	1000.0	a
2	8.681	8.681	0.000	40912250	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

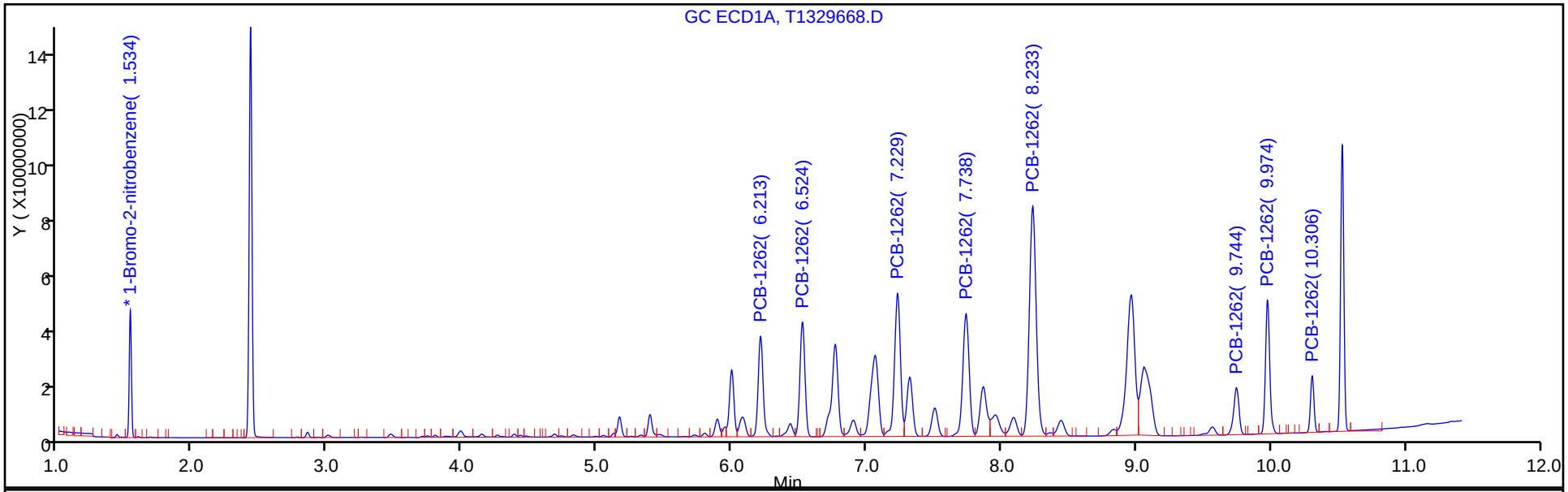
SG1262L3_00023	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

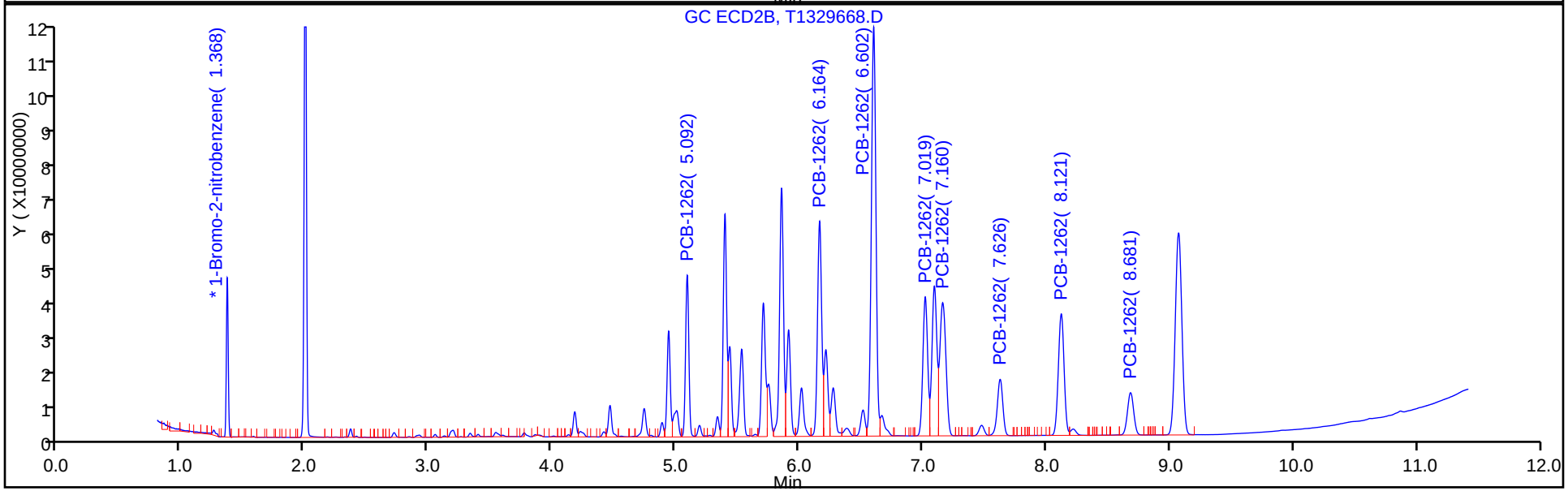
Report Date: 19-Jun-2016 09:12:17 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329668.D

Injection Date:	17-Jun-2016 19:29:21	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1262			Worklist Smp#:	13
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:43 Calibration End Date: 06/17/2016 19:43 Calibration ID: 56355

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/14	T1329669.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1268 Peak 1	0.0215					Ave		0.0215						20.0			0.9900
PCB-1268 Peak 2	0.0279					Ave		0.0279						20.0			0.9900
PCB-1268 Peak 3	0.1192					Ave		0.1192						20.0			0.9900
PCB-1268 Peak 4	0.1132					Ave		0.1132						20.0			0.9900
PCB-1268 Peak 5	0.0941					Ave		0.0941						20.0			0.9900
PCB-1268 Peak 6	0.0260					Ave		0.0260						20.0			0.9900
PCB-1268 Peak 7	0.0391					Ave		0.0391						20.0			0.9900
PCB-1268 Peak 8	0.2629					Ave		0.2629						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:43 Calibration End Date: 06/17/2016 19:43 Calibration ID: 56355

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/14	T1329669.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	52457685					1000				
PCB-1268 Peak 2	BNB	Ave	68085509					1000				
PCB-1268 Peak 3	BNB	Ave	291403355					1000				
PCB-1268 Peak 4	BNB	Ave	276694202					1000				
PCB-1268 Peak 5	BNB	Ave	230000843					1000				
PCB-1268 Peak 6	BNB	Ave	63648345					1000				
PCB-1268 Peak 7	BNB	Ave	95650107					1000				
PCB-1268 Peak 8	BNB	Ave	642543789					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 19:43:54 ALS Bottle#: 15 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-014
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub9

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:12:20 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:09:04

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	48876217	20.0	20.0	
2	1.368	1.368	0.000	45299420	20.0	20.0	
						RPD = 0.00	
10 PCB-1268							
1	7.228	7.228	0.000	52457685	1000.0	1000.0	a
1	7.741	7.741	0.000	68085509	1000.0	1000.0	a
1	8.958	8.958	0.000	291403355	1000.0	1000.0	a
1	9.054	9.054	0.000	276694202	1000.0	1000.0	a
1	9.566	9.566	0.000	230000843	1000.0	1000.0	a
1	9.716	9.716	0.000	63648345	1000.0	1000.0	a
1	9.973	9.973	0.000	95650107	1000.0	1000.0	a
1	10.299	10.299	0.000	642543789	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	6.158	6.158	0.000	65956426	1000.0	1000.0	a
2	6.596	6.596	0.000	45181531	1000.0	1000.0	a
2	7.093	7.093	0.000	293338664	1000.0	1000.0	a
2	7.153	7.153	0.000	269759018	1000.0	1000.0	a
2	7.475	7.475	0.000	238832073	1000.0	1000.0	a
2	7.618	7.618	0.000	66742099	1000.0	1000.0	a
2	8.118	8.118	0.000	105420910	1000.0	1000.0	a
2	8.680	8.680	0.000	756916830	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

Reagents:

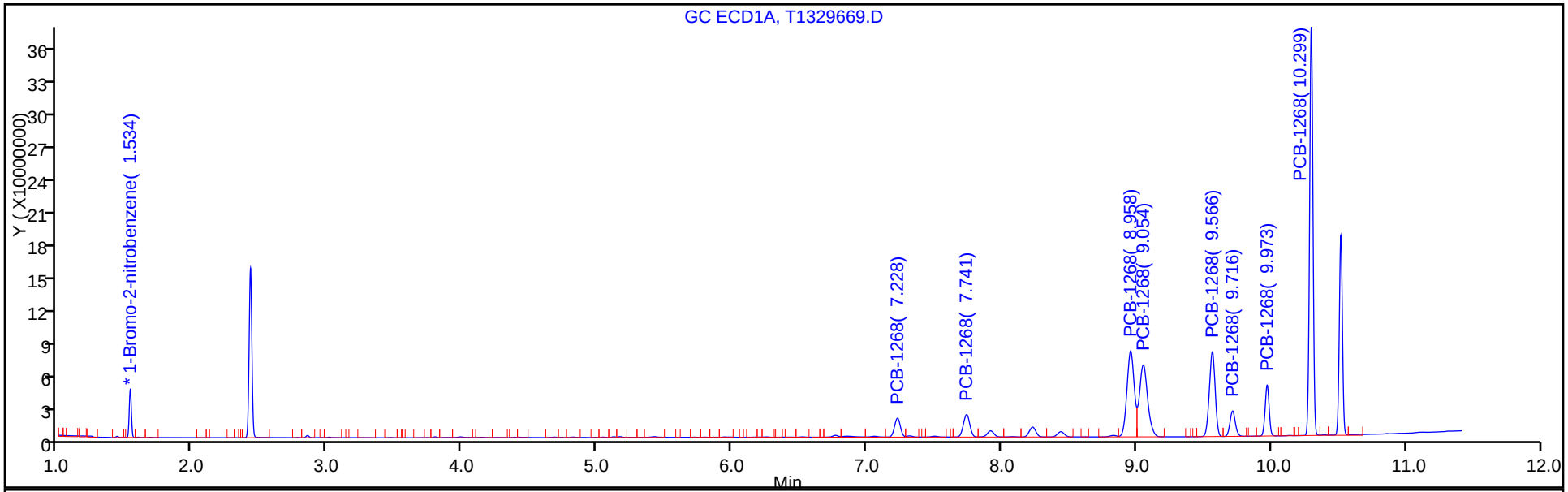
SG1268L3_00024	Amount Added: 1.00	Units: mL	
SGPCBISTD_00006	Amount Added: 20.00	Units: uL	Run Reagent

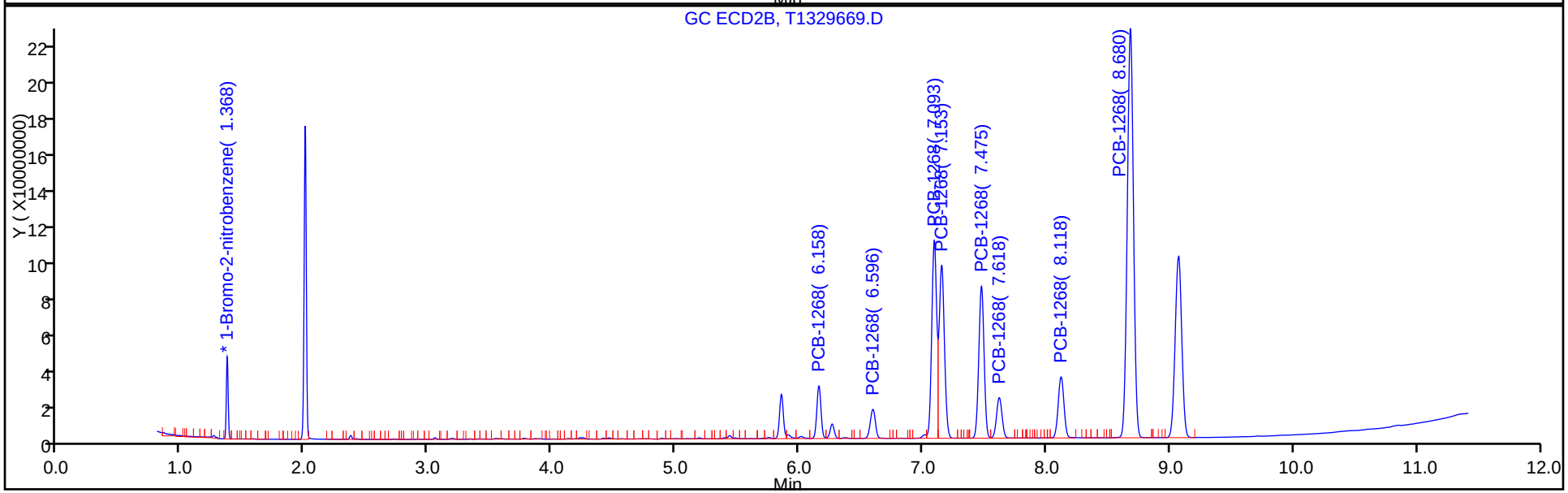
Report Date: 19-Jun-2016 09:12:22 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Injection Date:	17-Jun-2016 19:43:54	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1268			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:43 Calibration End Date: 06/17/2016 19:43 Calibration ID: 56356

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/14	T1329669.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1268 Peak 1	0.0291					Ave		0.0291						20.0			0.9900
PCB-1268 Peak 2	0.0199					Ave		0.0199						20.0			0.9900
PCB-1268 Peak 3	0.1295					Ave		0.1295						20.0			0.9900
PCB-1268 Peak 4	0.1191					Ave		0.1191						20.0			0.9900
PCB-1268 Peak 5	0.1054					Ave		0.1054						20.0			0.9900
PCB-1268 Peak 6	0.0295					Ave		0.0295						20.0			0.9900
PCB-1268 Peak 7	0.0465					Ave		0.0465						20.0			0.9900
PCB-1268 Peak 8	0.3342					Ave		0.3342						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121167-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:43 Calibration End Date: 06/17/2016 19:43 Calibration ID: 56356

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/14	T1329669.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	65956426					1000				
PCB-1268 Peak 2	BNB	Ave	45181531					1000				
PCB-1268 Peak 3	BNB	Ave	293338664					1000				
PCB-1268 Peak 4	BNB	Ave	269759018					1000				
PCB-1268 Peak 5	BNB	Ave	238832073					1000				
PCB-1268 Peak 6	BNB	Ave	66742099					1000				
PCB-1268 Peak 7	BNB	Ave	105420910					1000				
PCB-1268 Peak 8	BNB	Ave	756916830					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 19:43:54 ALS Bottle#: 15 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-014
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub9

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:12:20 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:09:04

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	48876217	20.0	20.0	
2	1.368	1.368	0.000	45299420	20.0	20.0	
						RPD = 0.00	
10 PCB-1268							
1	7.228	7.228	0.000	52457685	1000.0	1000.0	a
1	7.741	7.741	0.000	68085509	1000.0	1000.0	a
1	8.958	8.958	0.000	291403355	1000.0	1000.0	a
1	9.054	9.054	0.000	276694202	1000.0	1000.0	a
1	9.566	9.566	0.000	230000843	1000.0	1000.0	a
1	9.716	9.716	0.000	63648345	1000.0	1000.0	a
1	9.973	9.973	0.000	95650107	1000.0	1000.0	a
1	10.299	10.299	0.000	642543789	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	6.158	6.158	0.000	65956426	1000.0	1000.0	a
2	6.596	6.596	0.000	45181531	1000.0	1000.0	a
2	7.093	7.093	0.000	293338664	1000.0	1000.0	a
2	7.153	7.153	0.000	269759018	1000.0	1000.0	a
2	7.475	7.475	0.000	238832073	1000.0	1000.0	a
2	7.618	7.618	0.000	66742099	1000.0	1000.0	a
2	8.118	8.118	0.000	105420910	1000.0	1000.0	a
2	8.680	8.680	0.000	756916830	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

Reagents:

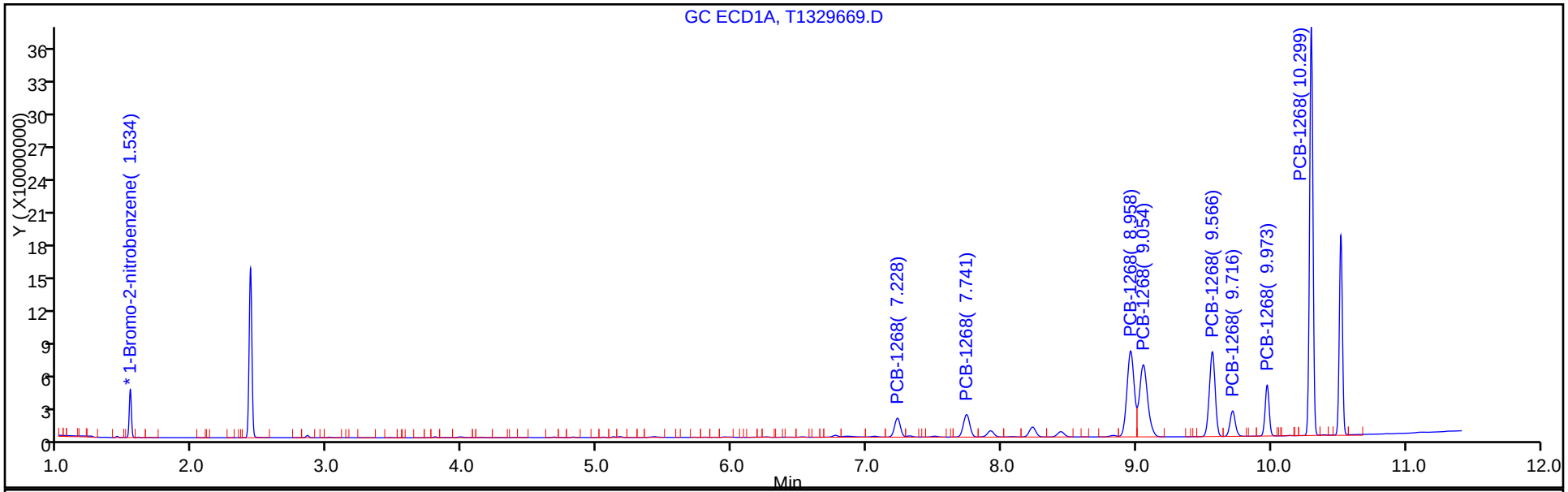
SG1268L3_00024	Amount Added: 1.00	Units: mL	
SGPCBISTD_00006	Amount Added: 20.00	Units: uL	Run Reagent

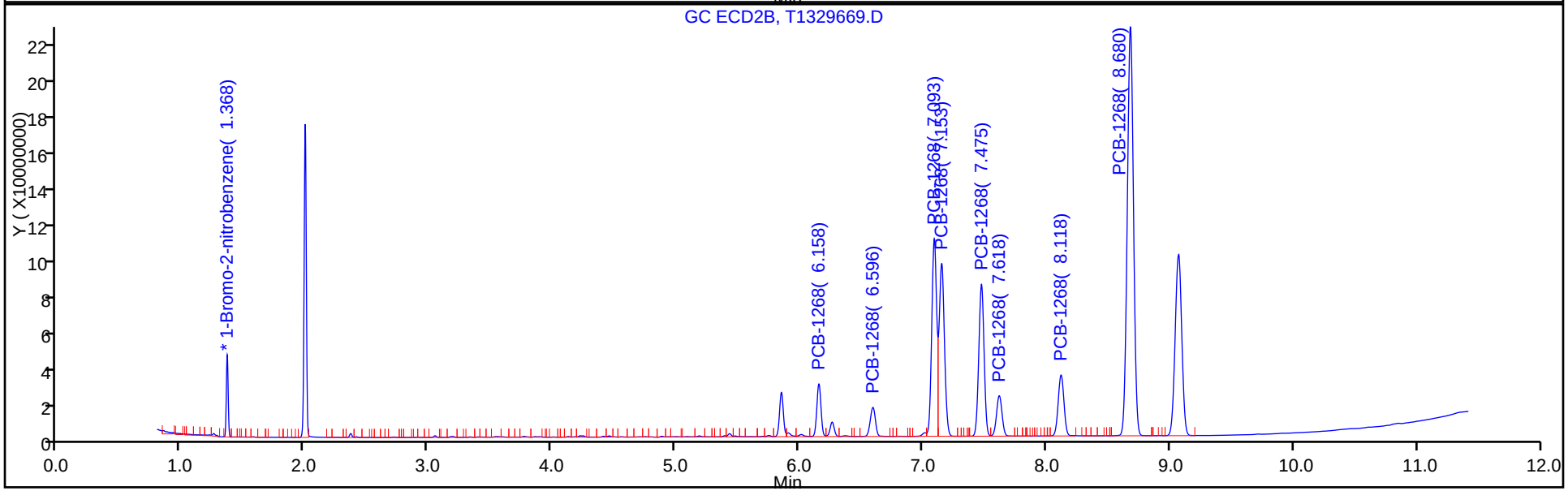
Report Date: 19-Jun-2016 09:12:22 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Injection Date:	17-Jun-2016 19:43:54	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1268			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: ICV 460-374290/7 Calibration Date: 06/17/2016 18:02

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1329662.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0164	0.0162		986	1000	-1.4	20.0
PCB-1016 Peak 2	Ave	0.0323	0.0346		1070	1000	6.9	20.0
PCB-1016 Peak 3	Ave	0.0141	0.0137		974	1000	-2.6	20.0
PCB-1016 Peak 4	Ave	0.0660	0.0695		1050	1000	5.3	20.0
PCB-1016 Peak 5	Ave	0.0278	0.0288		1040	1000	3.6	20.0
PCB-1016 Peak 6	Ave	0.0143	0.0155		1080	1000	8.4	20.0
PCB-1016 Peak 7	Ave	0.0222	0.0228		1020	1000	2.4	20.0
PCB-1016 Peak 8	Ave	0.0246	0.0226		919	1000	-8.1	20.0
PCB-1260 Peak 1	Ave	0.0211	0.0206		974	1000	-2.6	20.0
PCB-1260 Peak 2	Ave	0.0445	0.0467		1050	1000	5.0	20.0
PCB-1260 Peak 3	Ave	0.0520	0.0533		1030	1000	2.5	20.0
PCB-1260 Peak 4	Ave	0.0418	0.0377		901	1000	-9.9	20.0
PCB-1260 Peak 5	Ave	0.0461	0.0443		961	1000	-3.9	20.0
PCB-1260 Peak 6	Ave	0.0968	0.0912		943	1000	-5.7	20.0
PCB-1260 Peak 7	Ave	0.0725	0.0695		959	1000	-4.1	20.0
PCB-1260 Peak 8	Ave	0.0268	0.0231		861	1000	-13.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: ICV 460-374290/7 Calibration Date: 06/17/2016 18:02

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1329662.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.00	2.97	3.03
PCB-1016 Peak 2	3.47	3.44	3.50
PCB-1016 Peak 3	3.74	3.71	3.77
PCB-1016 Peak 4	3.99	3.96	4.02
PCB-1016 Peak 5	4.14	4.11	4.17
PCB-1016 Peak 6	4.38	4.35	4.41
PCB-1016 Peak 7	4.68	4.65	4.71
PCB-1016 Peak 8	4.82	4.79	4.85
PCB-1260 Peak 1	6.00	5.97	6.03
PCB-1260 Peak 2	6.21	6.18	6.24
PCB-1260 Peak 3	6.52	6.49	6.55
PCB-1260 Peak 4	7.23	7.20	7.26
PCB-1260 Peak 5	7.73	7.71	7.77
PCB-1260 Peak 6	8.23	8.20	8.26
PCB-1260 Peak 7	8.96	8.93	8.99
PCB-1260 Peak 8	9.98	9.95	10.01

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329662.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 17-Jun-2016 18:02:22 ALS Bottle#: 8 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-007
Operator ID: Instrument ID: CPESTGC11
Sublist:

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:24 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:51

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.534	1.534	0.000	47837155	20.0	20.0	
2	1.367	1.367	0.000	41401410	20.0	20.0	M
						RPD = 0.00	
5 PCB-1016							M
1	2.997	2.998	-0.001	38768946	1000.0	985.8	
1	3.466	3.465	0.001	82720292	1000.0	1069.2	
1	3.739	3.738	0.001	32806436	1000.0	973.8	
1	3.985	3.985	0.000	166195021	1000.0	1052.7	
1	4.142	4.142	0.000	68964876	1000.0	1036.2	
1	4.384	4.384	0.000	37080461	1000.0	1083.7	
1	4.683	4.684	-0.001	54434962	1000.0	1024.4	
1	4.821	4.822	-0.001	53992949	1000.0	918.8	
		Average of Peak Amounts =				1018.1	
2	2.360	2.360	0.000	33815992	1000.0	984.4	
2	2.717	2.718	-0.001	74744319	1000.0	1114.0	
2	2.920	2.921	-0.001	49986897	1000.0	1115.9	
2	3.195	3.194	0.001	166914488	1000.0	1119.6	
2	3.333	3.333	0.000	69786287	1000.0	1133.2	
2	3.397	3.397	0.000	41293237	1000.0	1085.7	
2	3.770	3.770	0.000	67501609	1000.0	1081.3	
2	3.860	3.860	0.000	36349734	1000.0	1043.4	M
		Average of Peak Amounts =				1084.7	
						RPD = 6.34	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	5.996	5.996	0.000	49256236	1000.0	973.7	
1	6.210	6.211	-0.001	111683003	1000.0	1049.8	
1	6.521	6.521	0.000	127496396	1000.0	1025.5	
1	7.225	7.228	-0.003	90112541	1000.0	901.3	
1	7.734	7.735	-0.001	105956793	1000.0	961.2	
1	8.228	8.230	-0.002	218179687	1000.0	942.6	
1	8.963	8.960	0.003	166147295	1000.0	958.6	
1	9.978	9.979	-0.001	55212855	1000.0	860.9	
		Average of Peak Amounts =				959.2	
2	5.090	5.091	-0.001	96592775	1000.0	1075.2	M
2	5.708	5.708	0.000	177512496	1000.0	1143.9	M
2	5.855	5.855	0.000	85359198	1000.0	902.3	M
2	6.163	6.162	0.001	92577897	1000.0	963.7	M
2	6.600	6.600	0.000	207530422	1000.0	974.6	M
2	7.018	7.019	-0.001	116967266	1000.0	1067.1	
2	7.161	7.160	0.001	54307419	1000.0	869.1	
2	8.120	8.119	0.001	55167402	1000.0	897.0	
		Average of Peak Amounts =				986.6	
						RPD = 2.82	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

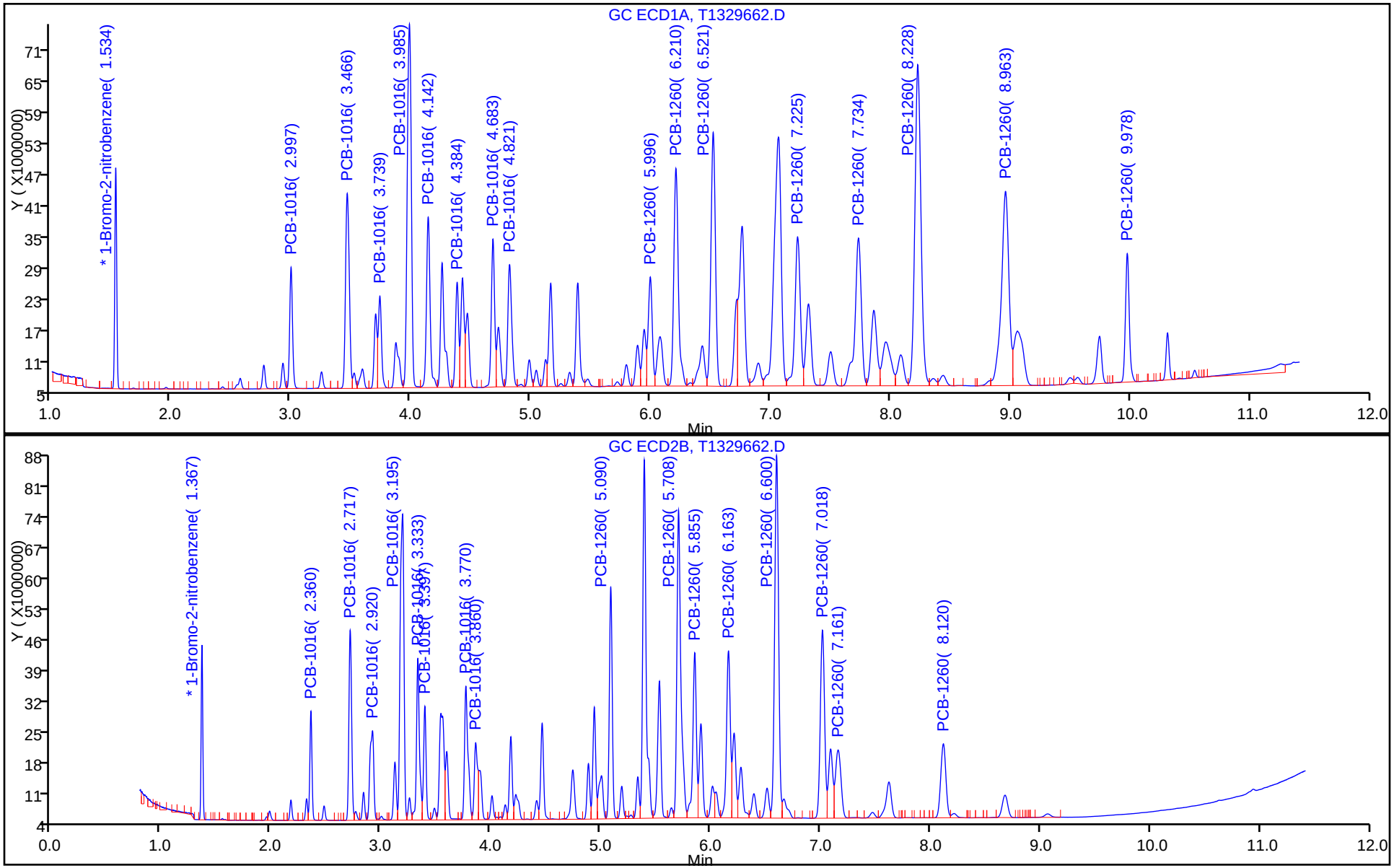
SGPCBICV_00018	Amount Added: 1.00	Units: mL	
SGPCBISTD_00006	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:11:33 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329662.D

Injection Date:	17-Jun-2016 18:02:22	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	ICV			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: ICV 460-374290/7 Calibration Date: 06/17/2016 18:02

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1329662.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0166	0.0163		984	1000	-1.6	20.0
PCB-1016 Peak 2	Ave	0.0324	0.0361		1110	1000	11.4	20.0
PCB-1016 Peak 3	Ave	0.0216	0.0242		1120	1000	11.6	20.0
PCB-1016 Peak 4	Ave	0.0720	0.0806		1120	1000	12.0	20.0
PCB-1016 Peak 5	Ave	0.0297	0.0337		1130	1000	13.3	20.0
PCB-1016 Peak 6	Ave	0.0184	0.0200		1090	1000	8.6	20.0
PCB-1016 Peak 7	Ave	0.0302	0.0326		1080	1000	8.1	20.0
PCB-1016 Peak 8	Ave	0.0168	0.0176		1040	1000	4.3	20.0
PCB-1260 Peak 1	Ave	0.0434	0.0467		1080	1000	7.5	20.0
PCB-1260 Peak 2	Ave	0.0750	0.0858		1140	1000	14.4	20.0
PCB-1260 Peak 3	Ave	0.0457	0.0412		902	1000	-9.8	20.0
PCB-1260 Peak 4	Ave	0.0464	0.0447		964	1000	-3.6	20.0
PCB-1260 Peak 5	Ave	0.1029	0.1003		975	1000	-2.5	20.0
PCB-1260 Peak 6	Ave	0.0530	0.0565		1070	1000	6.7	20.0
PCB-1260 Peak 7	Ave	0.0302	0.0262		869	1000	-13.1	20.0
PCB-1260 Peak 8	Ave	0.0297	0.0267		897	1000	-10.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: ICV 460-374290/7 Calibration Date: 06/17/2016 18:02

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1329662.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.36	2.33	2.39
PCB-1016 Peak 2	2.72	2.69	2.75
PCB-1016 Peak 3	2.92	2.89	2.95
PCB-1016 Peak 4	3.20	3.16	3.22
PCB-1016 Peak 5	3.33	3.30	3.36
PCB-1016 Peak 6	3.40	3.37	3.43
PCB-1016 Peak 7	3.77	3.74	3.80
PCB-1016 Peak 8	3.86	3.83	3.89
PCB-1260 Peak 1	5.09	5.06	5.12
PCB-1260 Peak 2	5.71	5.68	5.74
PCB-1260 Peak 3	5.86	5.83	5.89
PCB-1260 Peak 4	6.16	6.13	6.19
PCB-1260 Peak 5	6.60	6.57	6.63
PCB-1260 Peak 6	7.02	6.99	7.05
PCB-1260 Peak 7	7.16	7.13	7.19
PCB-1260 Peak 8	8.12	8.09	8.15

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329662.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 17-Jun-2016 18:02:22 ALS Bottle#: 8 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-007
Operator ID: Instrument ID: CPESTGC11
Sublist:

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:24 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:51

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.534	1.534	0.000	47837155	20.0	20.0	
2	1.367	1.367	0.000	41401410	20.0	20.0	M
						RPD = 0.00	
5 PCB-1016							M
1	2.997	2.998	-0.001	38768946	1000.0	985.8	
1	3.466	3.465	0.001	82720292	1000.0	1069.2	
1	3.739	3.738	0.001	32806436	1000.0	973.8	
1	3.985	3.985	0.000	166195021	1000.0	1052.7	
1	4.142	4.142	0.000	68964876	1000.0	1036.2	
1	4.384	4.384	0.000	37080461	1000.0	1083.7	
1	4.683	4.684	-0.001	54434962	1000.0	1024.4	
1	4.821	4.822	-0.001	53992949	1000.0	918.8	
		Average of Peak Amounts =				1018.1	
2	2.360	2.360	0.000	33815992	1000.0	984.4	
2	2.717	2.718	-0.001	74744319	1000.0	1114.0	
2	2.920	2.921	-0.001	49986897	1000.0	1115.9	
2	3.195	3.194	0.001	166914488	1000.0	1119.6	
2	3.333	3.333	0.000	69786287	1000.0	1133.2	
2	3.397	3.397	0.000	41293237	1000.0	1085.7	
2	3.770	3.770	0.000	67501609	1000.0	1081.3	
2	3.860	3.860	0.000	36349734	1000.0	1043.4	M
		Average of Peak Amounts =				1084.7	
						RPD = 6.34	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	5.996	5.996	0.000	49256236	1000.0	973.7	
1	6.210	6.211	-0.001	111683003	1000.0	1049.8	
1	6.521	6.521	0.000	127496396	1000.0	1025.5	
1	7.225	7.228	-0.003	90112541	1000.0	901.3	
1	7.734	7.735	-0.001	105956793	1000.0	961.2	
1	8.228	8.230	-0.002	218179687	1000.0	942.6	
1	8.963	8.960	0.003	166147295	1000.0	958.6	
1	9.978	9.979	-0.001	55212855	1000.0	860.9	
		Average of Peak Amounts =				959.2	
2	5.090	5.091	-0.001	96592775	1000.0	1075.2	M
2	5.708	5.708	0.000	177512496	1000.0	1143.9	M
2	5.855	5.855	0.000	85359198	1000.0	902.3	M
2	6.163	6.162	0.001	92577897	1000.0	963.7	M
2	6.600	6.600	0.000	207530422	1000.0	974.6	M
2	7.018	7.019	-0.001	116967266	1000.0	1067.1	
2	7.161	7.160	0.001	54307419	1000.0	869.1	
2	8.120	8.119	0.001	55167402	1000.0	897.0	
		Average of Peak Amounts =				986.6	
						RPD = 2.82	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

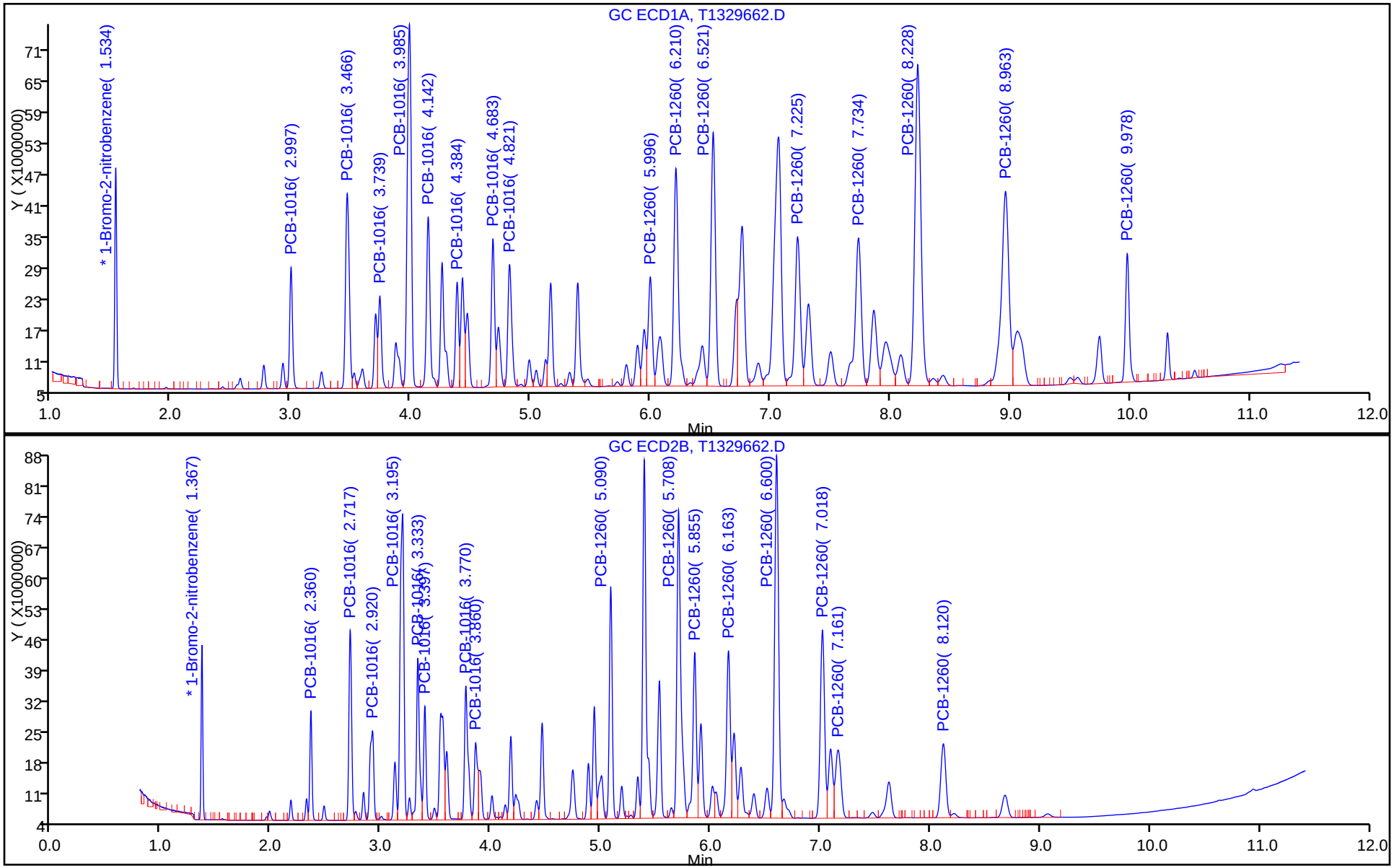
SGPCBICV_00018	Amount Added: 1.00	Units: mL	
SGPCBISTD_00006	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:11:35 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329662.D

Injection Date:	17-Jun-2016 18:02:22	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	ICV			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCVIS 460-394836/2 Calibration Date: 10/04/2016 13:23

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334122.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0164	0.0151		918	1000	-8.2	20.0
PCB-1016 Peak 2	Ave	0.0323	0.0295		913	1000	-8.7	20.0
PCB-1016 Peak 3	Ave	0.0141	0.0122		863	1000	-13.7	20.0
PCB-1016 Peak 4	Ave	0.0660	0.0602		912	1000	-8.8	20.0
PCB-1016 Peak 5	Ave	0.0278	0.0251		900	1000	-10.0	20.0
PCB-1016 Peak 6	Ave	0.0143	0.0132		925	1000	-7.5	20.0
PCB-1016 Peak 7	Ave	0.0222	0.0202		911	1000	-8.9	20.0
PCB-1016 Peak 8	Ave	0.0246	0.0230		936	1000	-6.4	20.0
PCB-1260 Peak 1	Ave	0.0211	0.0197		931	1000	-6.9	20.0
PCB-1260 Peak 2	Ave	0.0445	0.0405		910	1000	-9.0	20.0
PCB-1260 Peak 3	Ave	0.0520	0.0470		905	1000	-9.5	20.0
PCB-1260 Peak 4	Ave	0.0418	0.0383		917	1000	-8.3	20.0
PCB-1260 Peak 5	Ave	0.0461	0.0420		910	1000	-9.0	20.0
PCB-1260 Peak 6	Ave	0.0968	0.0876		905	1000	-9.5	20.0
PCB-1260 Peak 7	Ave	0.0725	0.0644		889	1000	-11.1	20.0
PCB-1260 Peak 8	Ave	0.0268	0.0249		927	1000	-7.3	20.0
Tetrachloro-m-xylene	Ave	0.8815	0.8482		96.2	100	-3.8	20.0
DCB Decachlorobiphenyl	Ave	0.7153	0.6560		91.7	100	-8.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCVIS 460-394836/2 Calibration Date: 10/04/2016 13:23

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334122.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.92	2.89	2.95
PCB-1016 Peak 2	3.39	3.36	3.42
PCB-1016 Peak 3	3.66	3.63	3.69
PCB-1016 Peak 4	3.90	3.87	3.93
PCB-1016 Peak 5	4.06	4.03	4.09
PCB-1016 Peak 6	4.30	4.27	4.33
PCB-1016 Peak 7	4.60	4.57	4.63
PCB-1016 Peak 8	4.73	4.70	4.76
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.10	6.07	6.13
PCB-1260 Peak 3	6.40	6.37	6.43
PCB-1260 Peak 4	7.09	7.06	7.12
PCB-1260 Peak 5	7.58	7.55	7.61
PCB-1260 Peak 6	8.07	8.04	8.10
PCB-1260 Peak 7	8.79	8.76	8.82
PCB-1260 Peak 8	9.88	9.85	9.91
Tetrachloro-m-xylene	2.36	2.33	2.39
DCB Decachlorobiphenyl	10.45	10.42	10.48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334122.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 04-Oct-2016 13:23:53 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:06 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.487	1.487	0.000	53483706	20.0	20.0	
2	1.319	1.319	0.000	54263474	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.360	2.360	0.000	226833739	100.0	96.2	
2	1.930	1.930	0.000	252780561	100.0	103.8	
						RPD = 7.55	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	2.922	2.922	0.000	40344861	1000.0	917.6	
1	3.386	3.386	0.000	78979956	1000.0	913.1	
1	3.655	3.655	0.000	32487548	1000.0	862.5	
1	3.901	3.901	0.000	161046341	1000.0	912.4	
1	4.056	4.056	0.000	66977002	1000.0	900.1	
1	4.297	4.297	0.000	35394913	1000.0	925.2	
1	4.595	4.595	0.000	54108919	1000.0	910.8	
1	4.733	4.733	0.000	61518002	1000.0	936.4	
		Average of Peak Amounts =				909.7	
2	2.280	2.280	0.000	44994096	1000.0	999.4	
2	2.630	2.630	0.000	88131605	1000.0	1002.1	
2	2.829	2.829	0.000	59525630	1000.0	1013.9	
2	3.100	3.100	0.000	194890353	1000.0	997.4	
2	3.238	3.238	0.000	81290402	1000.0	1007.1	
2	3.300	3.300	0.000	49319362	1000.0	989.3	
2	3.670	3.670	0.000	79823371	1000.0	975.6	
2	3.760	3.760	0.000	51965606	1000.0	1138.1	
		Average of Peak Amounts =				1015.4	
						RPD = 10.97	
8 PCB-1260							
1	5.890	5.890	0.000	52638414	1000.0	930.7	
1	6.098	6.098	0.000	108237515	1000.0	910.0	
1	6.402	6.402	0.000	125780888	1000.0	904.9	
1	7.090	7.090	0.000	102508429	1000.0	917.1	
1	7.584	7.584	0.000	112206064	1000.0	910.4	
1	8.070	8.070	0.000	234129777	1000.0	904.7	
1	8.788	8.788	0.000	172248100	1000.0	888.9	
1	9.876	9.876	0.000	66494163	1000.0	927.3	
		Average of Peak Amounts =				911.7	
2	4.980	4.980	0.000	117960372	1000.0	1001.8	
2	5.589	5.589	0.000	202405349	1000.0	995.2	
2	5.730	5.730	0.000	119114399	1000.0	960.6	
2	6.029	6.029	0.000	121325831	1000.0	963.6	
2	6.457	6.457	0.000	297196169	1000.0	1064.8	
2	6.863	6.863	0.000	134667690	1000.0	937.3	
2	7.002	7.002	0.000	83548738	1000.0	1020.1	
2	7.936	7.936	0.000	87100688	1000.0	1080.5	
		Average of Peak Amounts =				1003.0	
						RPD = 9.53	
$ 11 DCB Decachlorobiphenyl							
1	10.453	10.453	0.000	175431390	100.0	91.7	
2	8.864	8.864	0.000	261718919	100.0	100.2	
						RPD = 8.86	

Reagents:

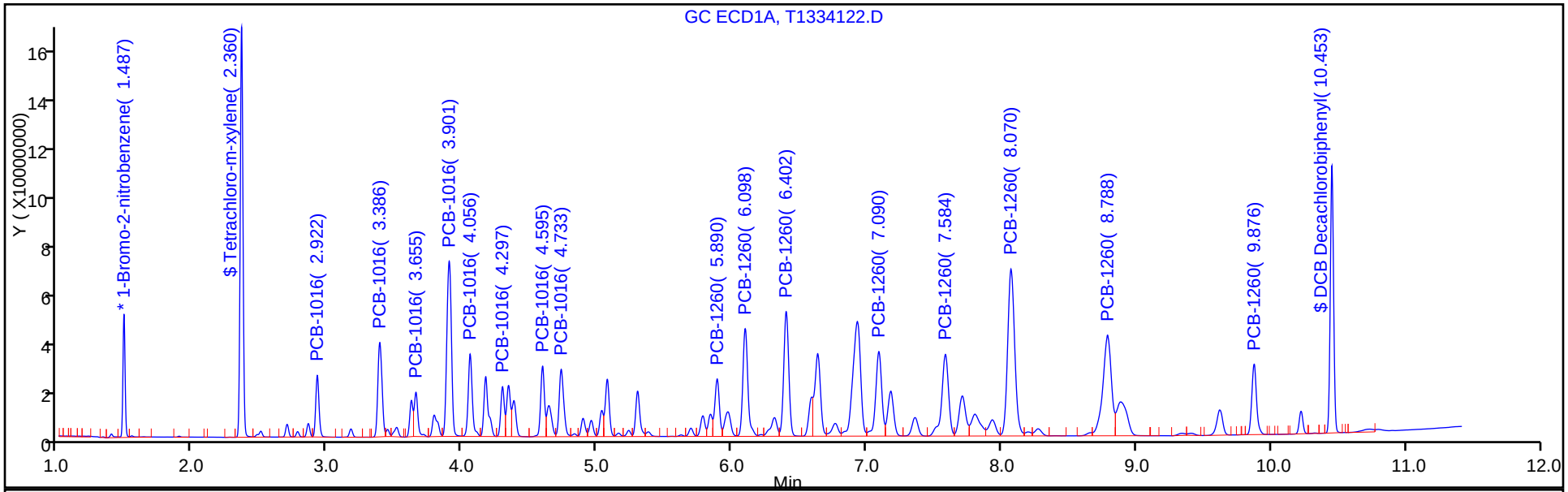
SG1660L3_00029 Amount Added: 1.00 Units: mL
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

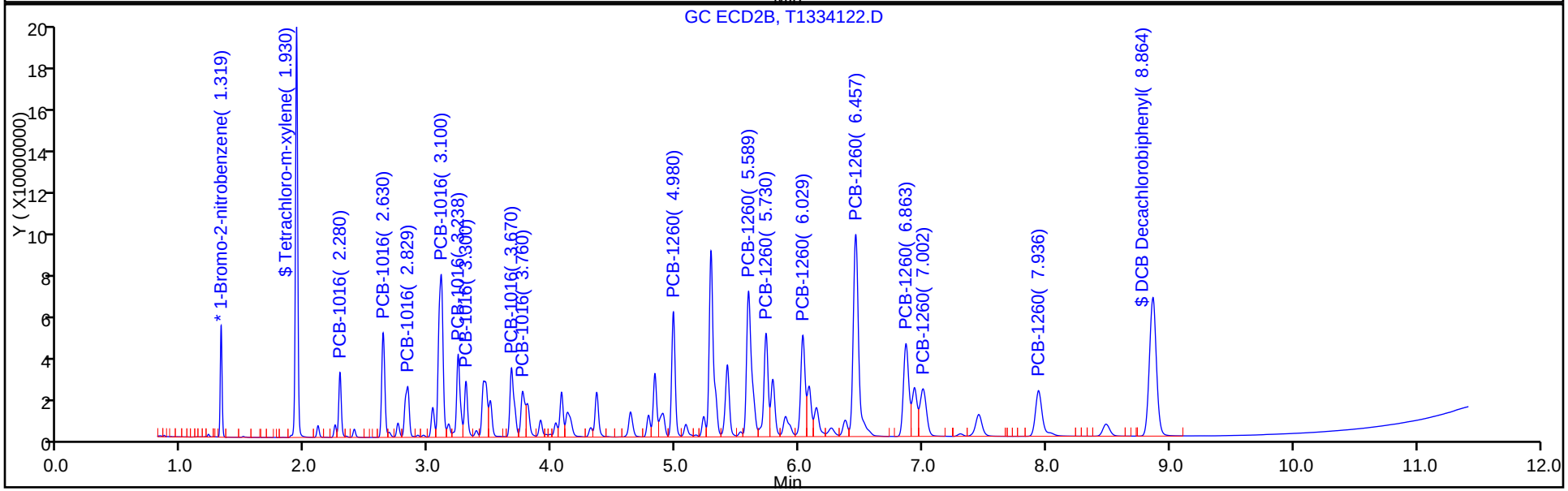
Report Date: 05-Oct-2016 10:43:06 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334122.D

Injection Date:	04-Oct-2016 13:23:53	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCVIS 460-394836/2 Calibration Date: 10/04/2016 13:23

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334122.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0166	0.0166		999	1000	-0.0	20.0
PCB-1016 Peak 2	Ave	0.0324	0.0325		1000	1000	0.2	20.0
PCB-1016 Peak 3	Ave	0.0216	0.0219		1010	1000	1.4	20.0
PCB-1016 Peak 4	Ave	0.0720	0.0718		997	1000	-0.3	20.0
PCB-1016 Peak 5	Ave	0.0297	0.0300		1010	1000	0.7	20.0
PCB-1016 Peak 6	Ave	0.0184	0.0182		989	1000	-1.1	20.0
PCB-1016 Peak 7	Ave	0.0302	0.0294		976	1000	-2.4	20.0
PCB-1016 Peak 8	Ave	0.0168	0.0192		1140	1000	13.8	20.0
PCB-1260 Peak 1	Ave	0.0434	0.0435		1000	1000	0.2	20.0
PCB-1260 Peak 2	Ave	0.0750	0.0746		995	1000	-0.5	20.0
PCB-1260 Peak 3	Ave	0.0457	0.0439		961	1000	-3.9	20.0
PCB-1260 Peak 4	Ave	0.0464	0.0447		964	1000	-3.6	20.0
PCB-1260 Peak 5	Ave	0.1029	0.1095		1060	1000	6.5	20.0
PCB-1260 Peak 6	Ave	0.0530	0.0496		937	1000	-6.3	20.0
PCB-1260 Peak 7	Ave	0.0302	0.0308		1020	1000	2.0	20.0
PCB-1260 Peak 8	Ave	0.0297	0.0321		1080	1000	8.0	20.0
Tetrachloro-m-xylene	Ave	0.8978	0.9317		104	100	3.8	20.0
DCB Decachlorobiphenyl	Ave	0.9626	0.9646		100	100	0.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCVIS 460-394836/2 Calibration Date: 10/04/2016 13:23

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334122.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.28	2.25	2.31
PCB-1016 Peak 2	2.63	2.60	2.66
PCB-1016 Peak 3	2.83	2.80	2.86
PCB-1016 Peak 4	3.10	3.07	3.13
PCB-1016 Peak 5	3.24	3.21	3.27
PCB-1016 Peak 6	3.30	3.27	3.33
PCB-1016 Peak 7	3.67	3.64	3.70
PCB-1016 Peak 8	3.76	3.73	3.79
PCB-1260 Peak 1	4.98	4.95	5.01
PCB-1260 Peak 2	5.59	5.56	5.62
PCB-1260 Peak 3	5.73	5.70	5.76
PCB-1260 Peak 4	6.03	6.00	6.06
PCB-1260 Peak 5	6.46	6.43	6.49
PCB-1260 Peak 6	6.86	6.83	6.89
PCB-1260 Peak 7	7.00	6.97	7.03
PCB-1260 Peak 8	7.94	7.91	7.97
Tetrachloro-m-xylene	1.93	1.90	1.96
DCB Decachlorobiphenyl	8.86	8.76	8.96

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334122.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 04-Oct-2016 13:23:53 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:06 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.487	1.487	0.000	53483706	20.0	20.0	
2	1.319	1.319	0.000	54263474	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.360	2.360	0.000	226833739	100.0	96.2	
2	1.930	1.930	0.000	252780561	100.0	103.8	
						RPD = 7.55	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	2.922	2.922	0.000	40344861	1000.0	917.6	
1	3.386	3.386	0.000	78979956	1000.0	913.1	
1	3.655	3.655	0.000	32487548	1000.0	862.5	
1	3.901	3.901	0.000	161046341	1000.0	912.4	
1	4.056	4.056	0.000	66977002	1000.0	900.1	
1	4.297	4.297	0.000	35394913	1000.0	925.2	
1	4.595	4.595	0.000	54108919	1000.0	910.8	
1	4.733	4.733	0.000	61518002	1000.0	936.4	
		Average of Peak Amounts =				909.7	
2	2.280	2.280	0.000	44994096	1000.0	999.4	
2	2.630	2.630	0.000	88131605	1000.0	1002.1	
2	2.829	2.829	0.000	59525630	1000.0	1013.9	
2	3.100	3.100	0.000	194890353	1000.0	997.4	
2	3.238	3.238	0.000	81290402	1000.0	1007.1	
2	3.300	3.300	0.000	49319362	1000.0	989.3	
2	3.670	3.670	0.000	79823371	1000.0	975.6	
2	3.760	3.760	0.000	51965606	1000.0	1138.1	
		Average of Peak Amounts =				1015.4	
						RPD = 10.97	
8 PCB-1260							
1	5.890	5.890	0.000	52638414	1000.0	930.7	
1	6.098	6.098	0.000	108237515	1000.0	910.0	
1	6.402	6.402	0.000	125780888	1000.0	904.9	
1	7.090	7.090	0.000	102508429	1000.0	917.1	
1	7.584	7.584	0.000	112206064	1000.0	910.4	
1	8.070	8.070	0.000	234129777	1000.0	904.7	
1	8.788	8.788	0.000	172248100	1000.0	888.9	
1	9.876	9.876	0.000	66494163	1000.0	927.3	
		Average of Peak Amounts =				911.7	
2	4.980	4.980	0.000	117960372	1000.0	1001.8	
2	5.589	5.589	0.000	202405349	1000.0	995.2	
2	5.730	5.730	0.000	119114399	1000.0	960.6	
2	6.029	6.029	0.000	121325831	1000.0	963.6	
2	6.457	6.457	0.000	297196169	1000.0	1064.8	
2	6.863	6.863	0.000	134667690	1000.0	937.3	
2	7.002	7.002	0.000	83548738	1000.0	1020.1	
2	7.936	7.936	0.000	87100688	1000.0	1080.5	
		Average of Peak Amounts =				1003.0	
						RPD = 9.53	
$ 11 DCB Decachlorobiphenyl							
1	10.453	10.453	0.000	175431390	100.0	91.7	
2	8.864	8.864	0.000	261718919	100.0	100.2	
						RPD = 8.86	

Reagents:

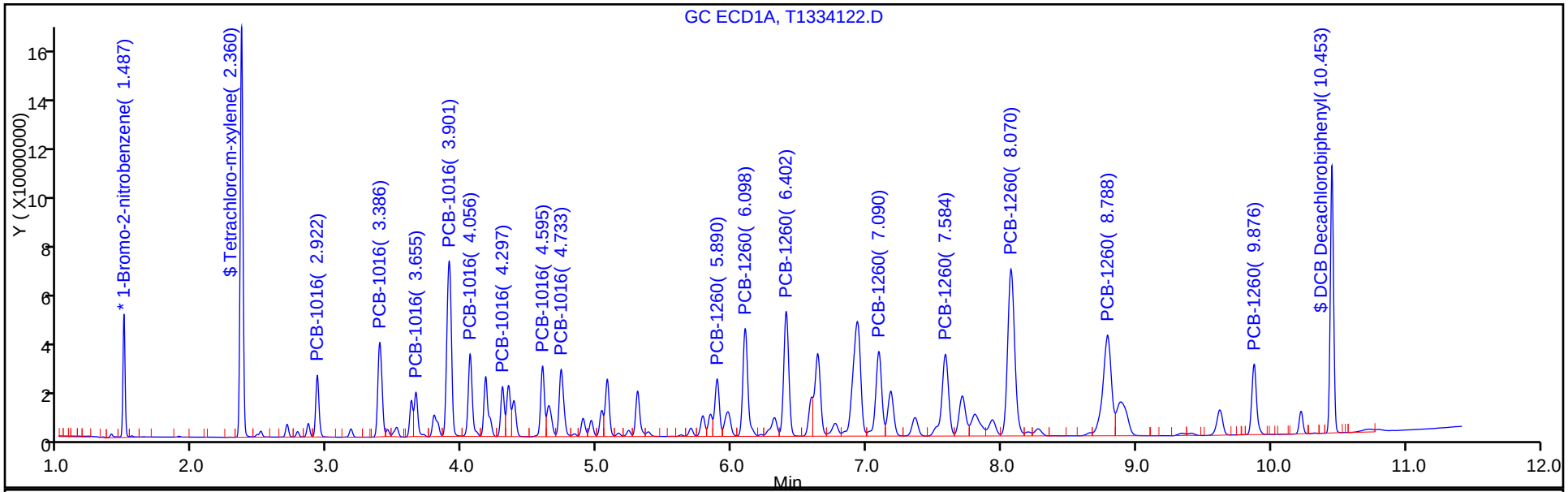
SG1660L3_00029 Amount Added: 1.00 Units: mL
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

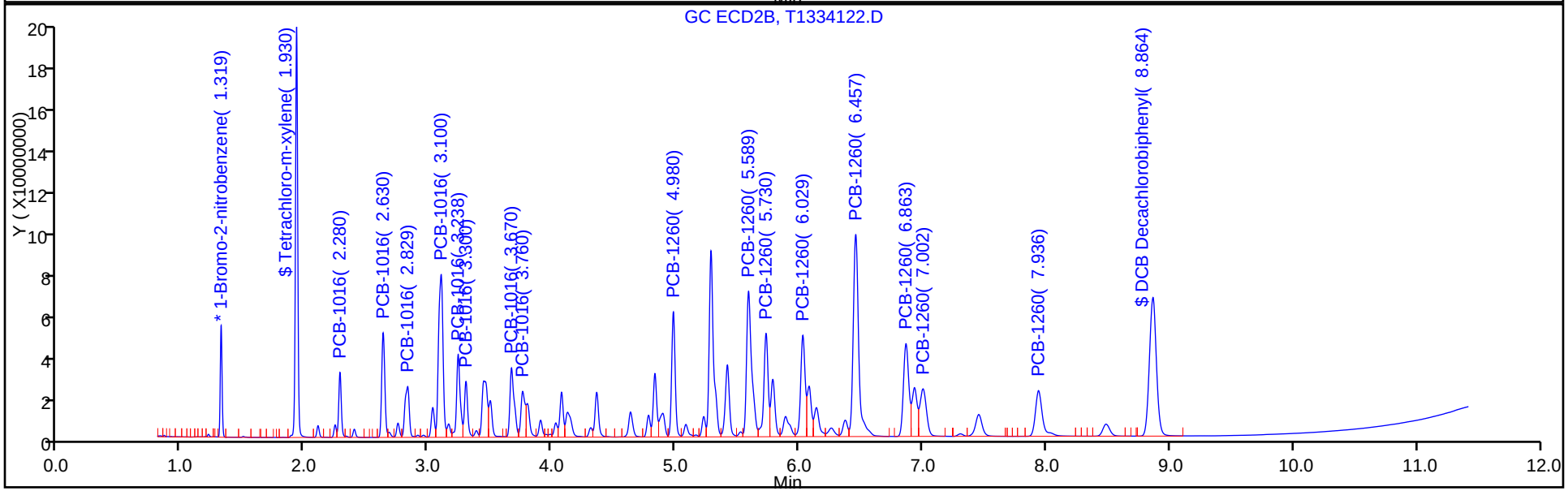
Report Date: 05-Oct-2016 10:43:08 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334122.D

Injection Date:	04-Oct-2016 13:23:53	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCV 460-394836/8 Calibration Date: 10/04/2016 15:32

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334128.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.8815	0.9006		102	100	2.2	20.0
DCB Decachlorobiphenyl	Ave	0.7153	0.7103		99.3	100	-0.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCV 460-394836/8 Calibration Date: 10/04/2016 15:32

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334128.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	2.36	2.33	2.39
DCB Decachlorobiphenyl	10.46	10.42	10.48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334128.D
Lims ID: CCV AR1248
Client ID:
Sample Type: CCV
Inject. Date: 04-Oct-2016 15:32:04 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-008
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:25 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:02:45

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.487	1.487	0.000	43991938	20.0	20.0	
2	1.318	1.319	-0.001	44737858	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.360	2.360	0.000	198084895	100.0	102.2	
2	1.929	1.930	-0.001	218966849	100.0	109.0	
						RPD = 6.51	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
6 PCB-1248							M
1	3.384	3.394	-0.010	33550299	1000.0	1104.7	
1	3.899	3.909	-0.010	83158069	1000.0	1098.3	
1	4.298	4.307	-0.009	49218498	1000.0	1091.0	
1	4.342	4.351	-0.009	44384457	1000.0	1081.3	
1	4.732	4.741	-0.009	70840932	1000.0	1092.2	
1	5.033	5.041	-0.008	74027294	1000.0	1067.3	
1	5.079	5.088	-0.009	83123107	1000.0	1102.4	
1	6.147	6.157	-0.010	32076323	1000.0	1094.4	
		Average of Peak Amounts =				1091.4	
2	2.629	2.637	-0.008	36380894	1000.0	1184.2	
2	3.097	3.101	-0.004	95452171	1000.0	1140.0	
2	3.443	3.450	-0.007	99304795	1000.0	1142.1	
2	3.758	3.764	-0.006	57046472	1000.0	1115.2	
2	4.125	4.128	-0.003	164581194	1000.0	1159.4	
2	4.354	4.360	-0.006	72651508	1000.0	1166.0	
2	4.779	4.784	-0.005	45133892	1000.0	1146.6	
2	5.372	5.374	-0.002	30339456	1000.0	1142.1	M
		Average of Peak Amounts =				1149.5	
						RPD = 5.18	
$ 11 DCB Decachlorobiphenyl							
1	10.458	10.453	0.005	156234684	100.0	99.3	
2	8.864	8.864	0.000	226963657	100.0	105.4	
						RPD = 5.97	
S 12 Polychlorinated biphenyls, Total							
1						1091.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

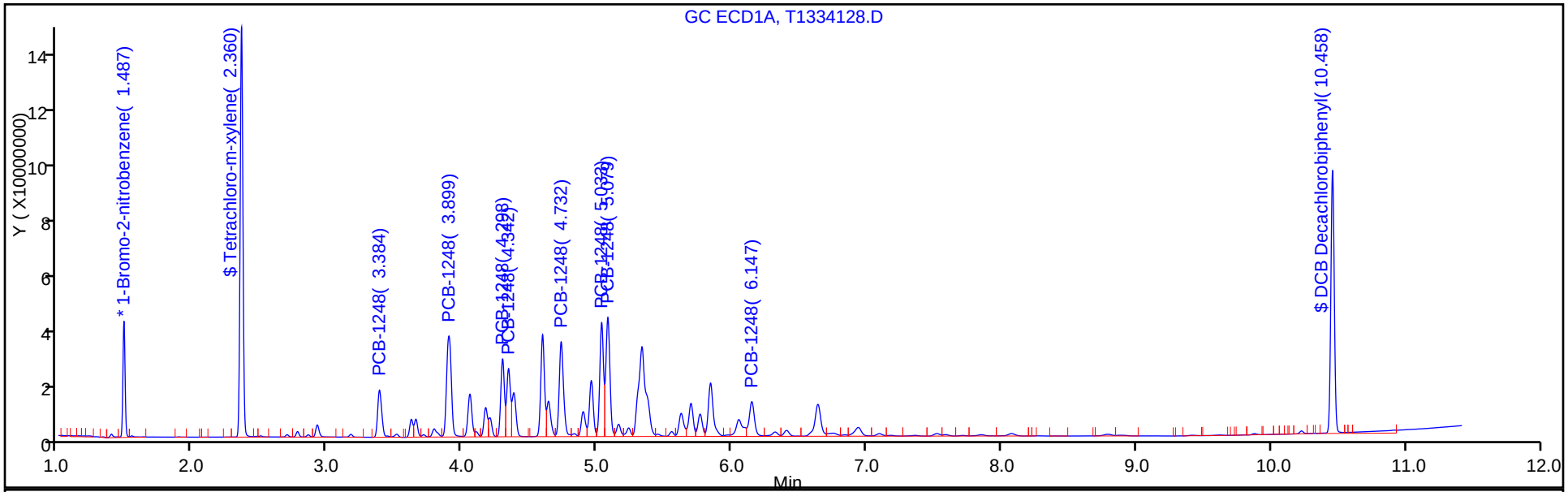
SG1248L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00007	Amount Added: 20.00	Units: uL	Run Reagent

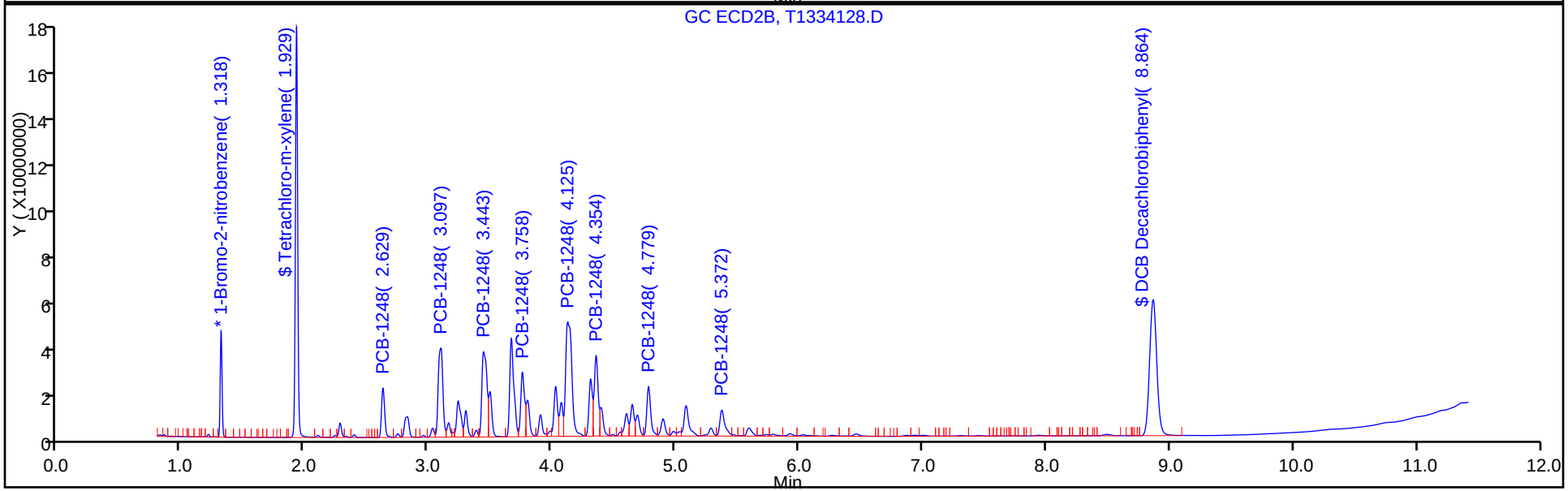
Report Date: 05-Oct-2016 10:43:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334128.D

Injection Date:	04-Oct-2016 15:32:04	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1248			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCV 460-394836/8 Calibration Date: 10/04/2016 15:32

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 19:00

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 19:00

Lab File ID: T1334128.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	0.0138	0.0153		1100	1000	10.5	20.0
PCB-1248 Peak 2	Ave	0.0344	0.0378		1100	1000	9.8	20.0
PCB-1248 Peak 3	Ave	0.0205	0.0224		1090	1000	9.1	20.0
PCB-1248 Peak 4	Ave	0.0187	0.0202		1080	1000	8.1	20.0
PCB-1248 Peak 5	Ave	0.0295	0.0322		1090	1000	9.2	20.0
PCB-1248 Peak 6	Ave	0.0315	0.0337		1070	1000	6.7	20.0
PCB-1248 Peak 7	Ave	0.0343	0.0378		1100	1000	10.2	20.0
PCB-1248 Peak 8	Ave	0.0133	0.0146		1090	1000	9.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCV 460-394836/8 Calibration Date: 10/04/2016 15:32

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 19:00

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 19:00

Lab File ID: T1334128.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	3.38	3.36	3.42
PCB-1248 Peak 2	3.90	3.88	3.94
PCB-1248 Peak 3	4.30	4.28	4.34
PCB-1248 Peak 4	4.34	4.32	4.38
PCB-1248 Peak 5	4.73	4.71	4.77
PCB-1248 Peak 6	5.03	5.01	5.07
PCB-1248 Peak 7	5.08	5.06	5.12
PCB-1248 Peak 8	6.15	6.13	6.19

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334128.D
Lims ID: CCV AR1248
Client ID:
Sample Type: CCV
Inject. Date: 04-Oct-2016 15:32:04 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-008
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:25 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:02:45

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.487	1.487	0.000	43991938	20.0	20.0	
2	1.318	1.319	-0.001	44737858	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.360	2.360	0.000	198084895	100.0	102.2	
2	1.929	1.930	-0.001	218966849	100.0	109.0	
						RPD = 6.51	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
6 PCB-1248							M
1	3.384	3.394	-0.010	33550299	1000.0	1104.7	
1	3.899	3.909	-0.010	83158069	1000.0	1098.3	
1	4.298	4.307	-0.009	49218498	1000.0	1091.0	
1	4.342	4.351	-0.009	44384457	1000.0	1081.3	
1	4.732	4.741	-0.009	70840932	1000.0	1092.2	
1	5.033	5.041	-0.008	74027294	1000.0	1067.3	
1	5.079	5.088	-0.009	83123107	1000.0	1102.4	
1	6.147	6.157	-0.010	32076323	1000.0	1094.4	
		Average of Peak Amounts =				1091.4	
2	2.629	2.637	-0.008	36380894	1000.0	1184.2	
2	3.097	3.101	-0.004	95452171	1000.0	1140.0	
2	3.443	3.450	-0.007	99304795	1000.0	1142.1	
2	3.758	3.764	-0.006	57046472	1000.0	1115.2	
2	4.125	4.128	-0.003	164581194	1000.0	1159.4	
2	4.354	4.360	-0.006	72651508	1000.0	1166.0	
2	4.779	4.784	-0.005	45133892	1000.0	1146.6	
2	5.372	5.374	-0.002	30339456	1000.0	1142.1	M
		Average of Peak Amounts =				1149.5	
						RPD = 5.18	
$ 11 DCB Decachlorobiphenyl							
1	10.458	10.453	0.005	156234684	100.0	99.3	
2	8.864	8.864	0.000	226963657	100.0	105.4	
						RPD = 5.97	
S 12 Polychlorinated biphenyls, Total							
1						1091.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

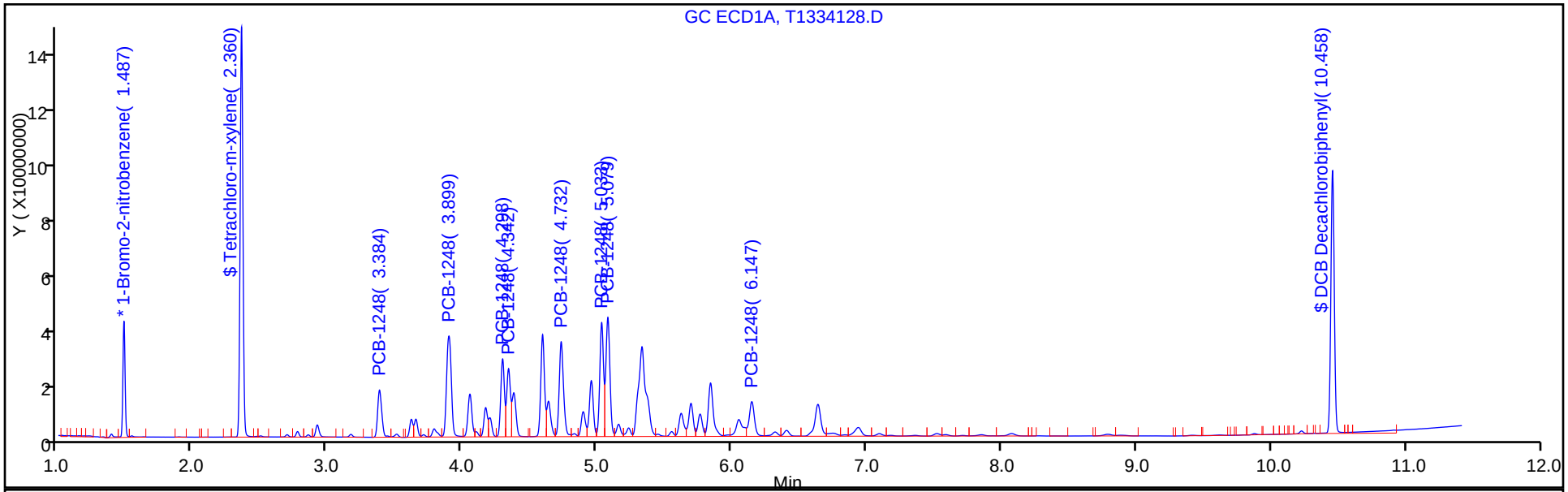
SG1248L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00007	Amount Added: 20.00	Units: uL	Run Reagent

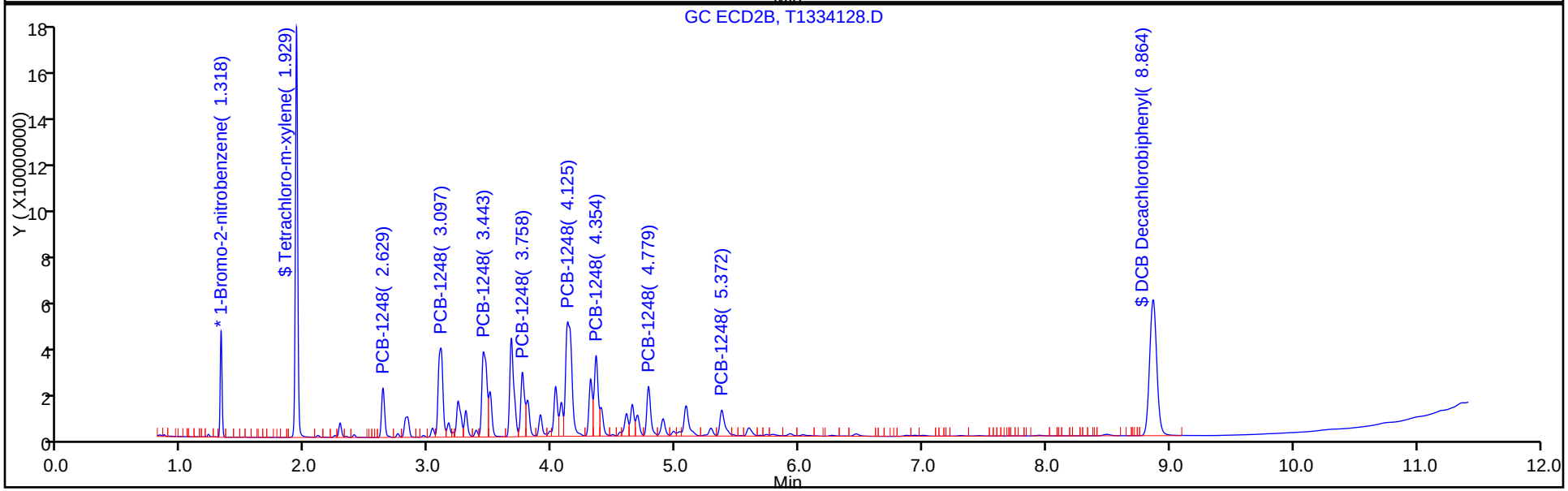
Report Date: 05-Oct-2016 10:43:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334128.D

Injection Date:	04-Oct-2016 15:32:04	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1248			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCV 460-394836/8 Calibration Date: 10/04/2016 15:32

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334128.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.8978	0.9789		109	100	9.0	20.0
DCB Decachlorobiphenyl	Ave	0.9626	1.015		105	100	5.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCV 460-394836/8 Calibration Date: 10/04/2016 15:32

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334128.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	1.93	1.90	1.96
DCB Decachlorobiphenyl	8.86	8.76	8.96

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334128.D
Lims ID: CCV AR1248
Client ID:
Sample Type: CCV
Inject. Date: 04-Oct-2016 15:32:04 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-008
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:25 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:02:45

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.487	1.487	0.000	43991938	20.0	20.0	
2	1.318	1.319	-0.001	44737858	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.360	2.360	0.000	198084895	100.0	102.2	
2	1.929	1.930	-0.001	218966849	100.0	109.0	
						RPD = 6.51	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
6 PCB-1248							M
1	3.384	3.394	-0.010	33550299	1000.0	1104.7	
1	3.899	3.909	-0.010	83158069	1000.0	1098.3	
1	4.298	4.307	-0.009	49218498	1000.0	1091.0	
1	4.342	4.351	-0.009	44384457	1000.0	1081.3	
1	4.732	4.741	-0.009	70840932	1000.0	1092.2	
1	5.033	5.041	-0.008	74027294	1000.0	1067.3	
1	5.079	5.088	-0.009	83123107	1000.0	1102.4	
1	6.147	6.157	-0.010	32076323	1000.0	1094.4	
		Average of Peak Amounts =				1091.4	
2	2.629	2.637	-0.008	36380894	1000.0	1184.2	
2	3.097	3.101	-0.004	95452171	1000.0	1140.0	
2	3.443	3.450	-0.007	99304795	1000.0	1142.1	
2	3.758	3.764	-0.006	57046472	1000.0	1115.2	
2	4.125	4.128	-0.003	164581194	1000.0	1159.4	
2	4.354	4.360	-0.006	72651508	1000.0	1166.0	
2	4.779	4.784	-0.005	45133892	1000.0	1146.6	
2	5.372	5.374	-0.002	30339456	1000.0	1142.1	M
		Average of Peak Amounts =				1149.5	
						RPD = 5.18	
$ 11 DCB Decachlorobiphenyl							
1	10.458	10.453	0.005	156234684	100.0	99.3	
2	8.864	8.864	0.000	226963657	100.0	105.4	
						RPD = 5.97	
S 12 Polychlorinated biphenyls, Total							
1						1091.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

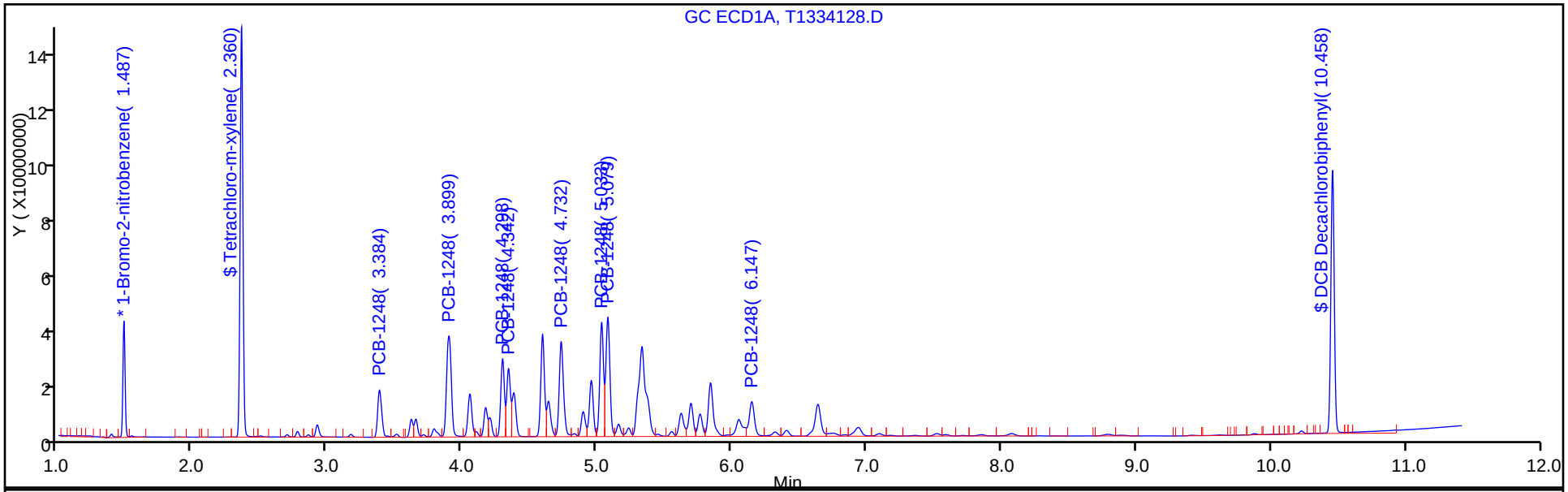
SG1248L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00007	Amount Added: 20.00	Units: uL	Run Reagent

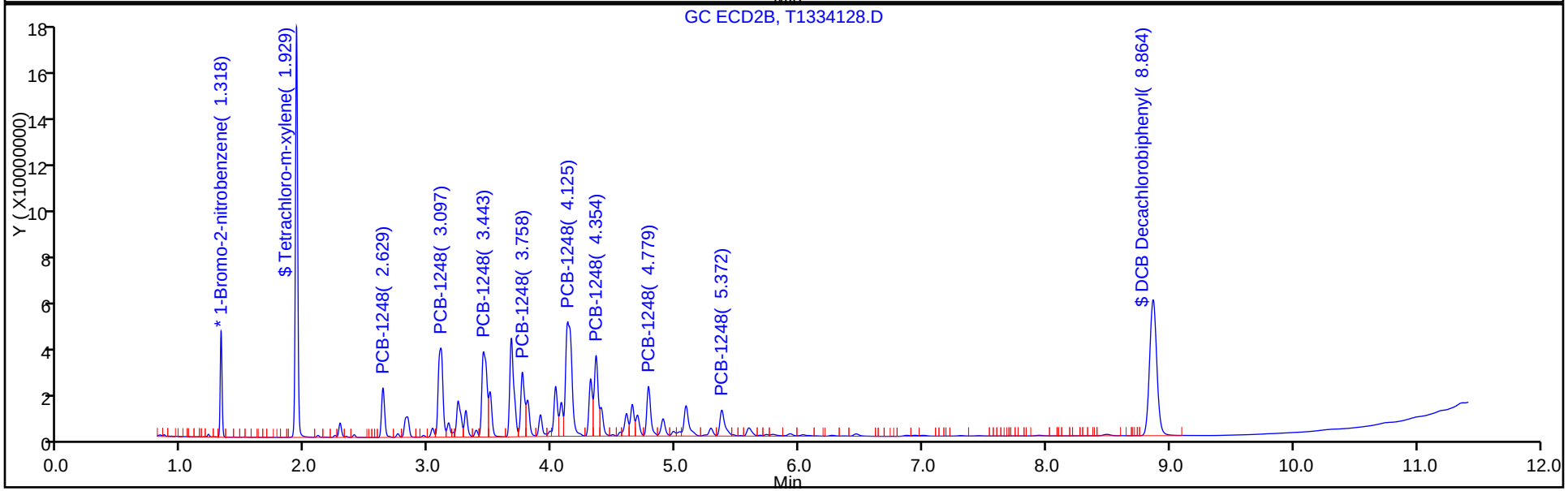
Report Date: 05-Oct-2016 10:43:27 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334128.D

Injection Date:	04-Oct-2016 15:32:04	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1248			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCV 460-394836/8 Calibration Date: 10/04/2016 15:32

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 19:00

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 06/17/2016 19:00

Lab File ID: T1334128.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	0.0137	0.0163		1180	1000	18.4	20.0
PCB-1248 Peak 2	Ave	0.0374	0.0427		1140	1000	14.0	20.0
PCB-1248 Peak 3	Ave	0.0389	0.0444		1140	1000	14.2	20.0
PCB-1248 Peak 4	Ave	0.0229	0.0255		1120	1000	11.5	20.0
PCB-1248 Peak 5	Ave	0.0635	0.0736		1160	1000	15.9	20.0
PCB-1248 Peak 6	Ave	0.0279	0.0325		1170	1000	16.6	20.0
PCB-1248 Peak 7	Ave	0.0176	0.0202		1150	1000	14.7	20.0
PCB-1248 Peak 8	Ave	0.0119	0.0136		1140	1000	14.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCV 460-394836/8 Calibration Date: 10/04/2016 15:32

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 19:00

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 06/17/2016 19:00

Lab File ID: T1334128.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	2.63	2.61	2.67
PCB-1248 Peak 2	3.10	3.07	3.13
PCB-1248 Peak 3	3.44	3.42	3.48
PCB-1248 Peak 4	3.76	3.73	3.79
PCB-1248 Peak 5	4.13	4.10	4.16
PCB-1248 Peak 6	4.35	4.33	4.39
PCB-1248 Peak 7	4.78	4.75	4.81
PCB-1248 Peak 8	5.37	5.34	5.40

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334128.D
Lims ID: CCV AR1248
Client ID:
Sample Type: CCV
Inject. Date: 04-Oct-2016 15:32:04 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-008
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:25 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:02:45

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.487	1.487	0.000	43991938	20.0	20.0	
2	1.318	1.319	-0.001	44737858	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.360	2.360	0.000	198084895	100.0	102.2	
2	1.929	1.930	-0.001	218966849	100.0	109.0	
						RPD = 6.51	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
6 PCB-1248							M
1	3.384	3.394	-0.010	33550299	1000.0	1104.7	
1	3.899	3.909	-0.010	83158069	1000.0	1098.3	
1	4.298	4.307	-0.009	49218498	1000.0	1091.0	
1	4.342	4.351	-0.009	44384457	1000.0	1081.3	
1	4.732	4.741	-0.009	70840932	1000.0	1092.2	
1	5.033	5.041	-0.008	74027294	1000.0	1067.3	
1	5.079	5.088	-0.009	83123107	1000.0	1102.4	
1	6.147	6.157	-0.010	32076323	1000.0	1094.4	
		Average of Peak Amounts =				1091.4	
2	2.629	2.637	-0.008	36380894	1000.0	1184.2	
2	3.097	3.101	-0.004	95452171	1000.0	1140.0	
2	3.443	3.450	-0.007	99304795	1000.0	1142.1	
2	3.758	3.764	-0.006	57046472	1000.0	1115.2	
2	4.125	4.128	-0.003	164581194	1000.0	1159.4	
2	4.354	4.360	-0.006	72651508	1000.0	1166.0	
2	4.779	4.784	-0.005	45133892	1000.0	1146.6	
2	5.372	5.374	-0.002	30339456	1000.0	1142.1	M
		Average of Peak Amounts =				1149.5	
						RPD = 5.18	
$ 11 DCB Decachlorobiphenyl							
1	10.458	10.453	0.005	156234684	100.0	99.3	
2	8.864	8.864	0.000	226963657	100.0	105.4	
						RPD = 5.97	
S 12 Polychlorinated biphenyls, Total							
1						1091.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

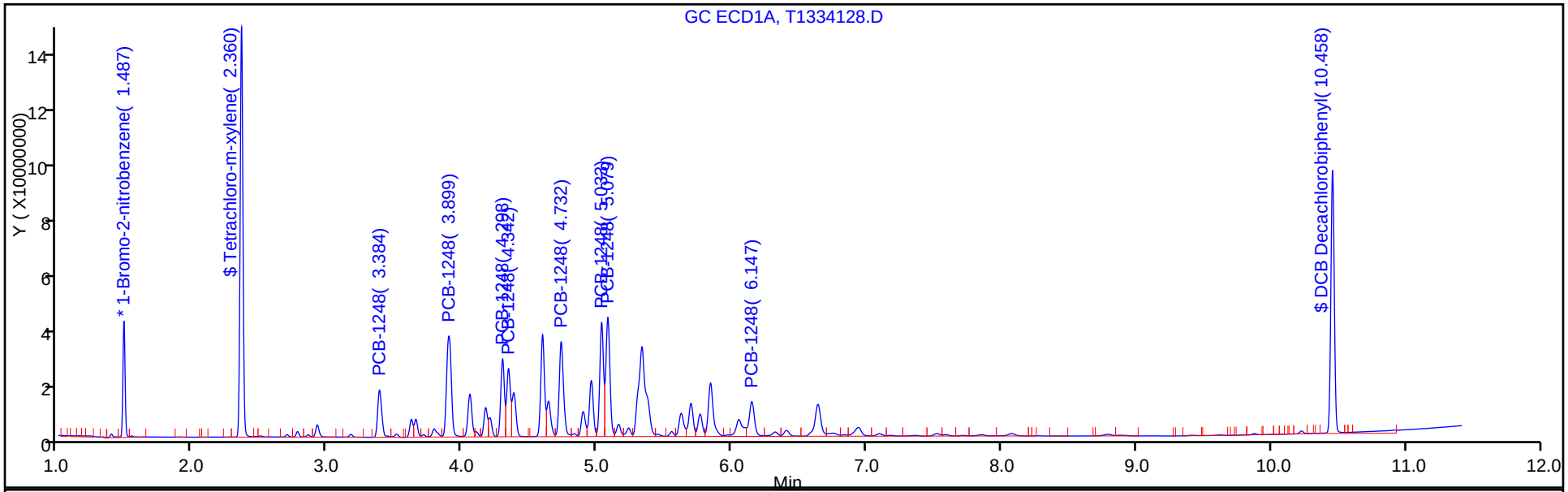
SG1248L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00007	Amount Added: 20.00	Units: uL	Run Reagent

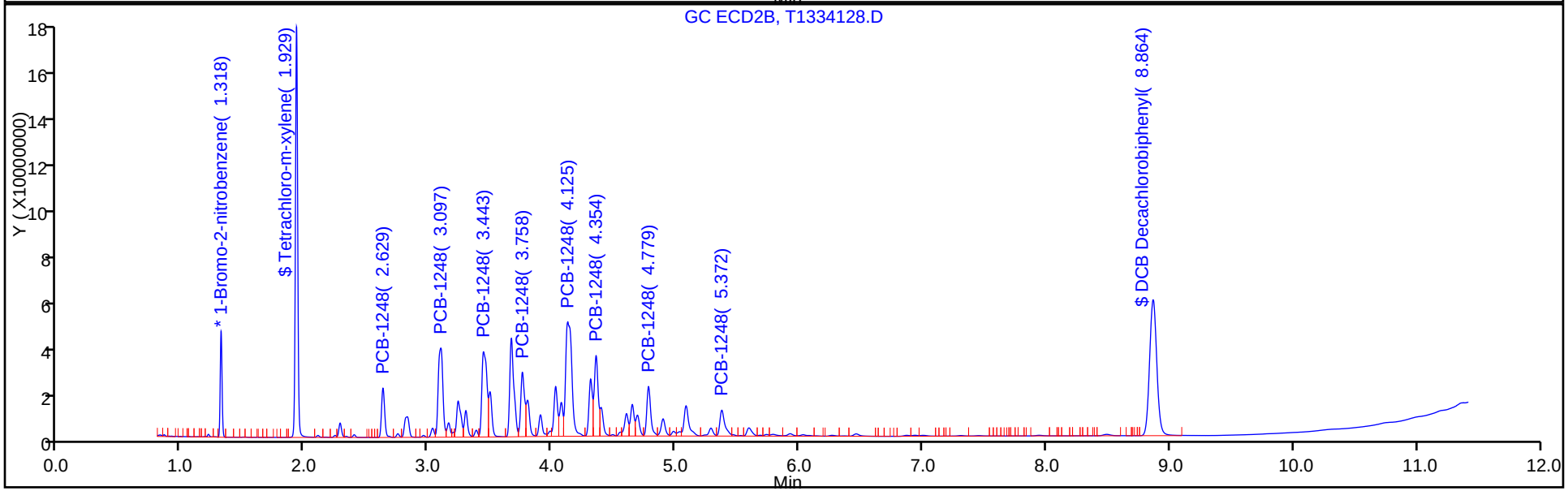
Report Date: 05-Oct-2016 10:43:27 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334128.D

Injection Date:	04-Oct-2016 15:32:04	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1248			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCVIS 460-395004/2 Calibration Date: 10/05/2016 06:37

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334153.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0164	0.0153		931	1000	-6.9	20.0
PCB-1016 Peak 2	Ave	0.0323	0.0302		935	1000	-6.5	20.0
PCB-1016 Peak 3	Ave	0.0141	0.0120		851	1000	-14.9	20.0
PCB-1016 Peak 4	Ave	0.0660	0.0616		933	1000	-6.7	20.0
PCB-1016 Peak 5	Ave	0.0278	0.0257		922	1000	-7.8	20.0
PCB-1016 Peak 6	Ave	0.0143	0.0135		946	1000	-5.4	20.0
PCB-1016 Peak 7	Ave	0.0222	0.0205		921	1000	-7.9	20.0
PCB-1016 Peak 8	Ave	0.0246	0.0233		947	1000	-5.3	20.0
PCB-1260 Peak 1	Ave	0.0211	0.0198		934	1000	-6.6	20.0
PCB-1260 Peak 2	Ave	0.0445	0.0410		921	1000	-7.9	20.0
PCB-1260 Peak 3	Ave	0.0520	0.0473		909	1000	-9.1	20.0
PCB-1260 Peak 4	Ave	0.0418	0.0383		917	1000	-8.3	20.0
PCB-1260 Peak 5	Ave	0.0461	0.0416		903	1000	-9.7	20.0
PCB-1260 Peak 6	Ave	0.0968	0.0866		895	1000	-10.5	20.0
PCB-1260 Peak 7	Ave	0.0725	0.0637		879	1000	-12.1	20.0
PCB-1260 Peak 8	Ave	0.0268	0.0237		885	1000	-11.5	20.0
Tetrachloro-m-xylene	Ave	0.8815	0.8576		97.3	100	-2.7	20.0
DCB Decachlorobiphenyl	Ave	0.7153	0.6440		90.0	100	-10.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCVIS 460-395004/2 Calibration Date: 10/05/2016 06:37

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334153.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.92	2.89	2.95
PCB-1016 Peak 2	3.39	3.36	3.42
PCB-1016 Peak 3	3.66	3.63	3.69
PCB-1016 Peak 4	3.90	3.87	3.93
PCB-1016 Peak 5	4.06	4.03	4.09
PCB-1016 Peak 6	4.30	4.27	4.33
PCB-1016 Peak 7	4.60	4.57	4.63
PCB-1016 Peak 8	4.74	4.71	4.77
PCB-1260 Peak 1	5.90	5.87	5.93
PCB-1260 Peak 2	6.10	6.07	6.13
PCB-1260 Peak 3	6.41	6.38	6.44
PCB-1260 Peak 4	7.10	7.07	7.13
PCB-1260 Peak 5	7.59	7.56	7.62
PCB-1260 Peak 6	8.08	8.05	8.11
PCB-1260 Peak 7	8.80	8.77	8.83
PCB-1260 Peak 8	9.88	9.85	9.91
Tetrachloro-m-xylene	2.36	2.33	2.39
DCB Decachlorobiphenyl	10.46	10.43	10.49

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334153.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 05-Oct-2016 06:37:18 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-002
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:25 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 06:56:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.490	1.490	0.000	55915806	20.0	20.0	
2	1.320	1.320	0.000	57555136	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.363	2.363	0.000	239764108	100.0	97.3	
2	1.930	1.930	0.000	270150889	100.0	104.6	
						RPD = 7.21	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.924	2.924	0.000	42814380	1000.0	931.4	
1	3.388	3.388	0.000	84543167	1000.0	934.9	
1	3.656	3.656	0.000	33524256	1000.0	851.3	
1	3.904	3.904	0.000	172196232	1000.0	933.1	
1	4.060	4.060	0.000	71721550	1000.0	921.9	
1	4.300	4.300	0.000	37849496	1000.0	946.3	
1	4.598	4.598	0.000	57207294	1000.0	921.0	
1	4.735	4.735	0.000	65071650	1000.0	947.4	
		Average of Peak Amounts =				923.4	
2	2.281	2.281	0.000	47310912	1000.0	990.7	
2	2.630	2.630	0.000	93314744	1000.0	1000.4	
2	2.829	2.829	0.000	61738906	1000.0	991.4	
2	3.100	3.100	0.000	207054844	1000.0	999.0	
2	3.237	3.237	0.000	85781081	1000.0	1002.0	
2	3.301	3.301	0.000	51767633	1000.0	979.1	
2	3.670	3.670	0.000	84772822	1000.0	976.8	M
2	3.759	3.759	0.000	53733047	1000.0	1109.5	M
		Average of Peak Amounts =				1006.1	
						RPD = 8.57	
8 PCB-1260							
1	5.895	5.895	0.000	55203847	1000.0	933.6	
1	6.102	6.102	0.000	114488882	1000.0	920.7	
1	6.408	6.408	0.000	132158577	1000.0	909.4	
1	7.096	7.096	0.000	107199589	1000.0	917.3	
1	7.590	7.590	0.000	116322921	1000.0	902.7	
1	8.077	8.077	0.000	242070250	1000.0	894.7	
1	8.795	8.795	0.000	178013518	1000.0	878.6	
1	9.880	9.880	0.000	66329465	1000.0	884.8	
		Average of Peak Amounts =				905.2	
2	4.980	4.980	0.000	123753491	1000.0	990.9	
2	5.590	5.590	0.000	208897729	1000.0	968.3	
2	5.731	5.731	0.000	121955522	1000.0	927.3	
2	6.029	6.029	0.000	125318372	1000.0	938.4	
2	6.456	6.456	0.000	303577066	1000.0	1025.5	
2	6.865	6.865	0.000	138239235	1000.0	907.2	
2	7.002	7.002	0.000	84848100	1000.0	976.7	
2	7.937	7.937	0.000	87167086	1000.0	1019.5	
		Average of Peak Amounts =				969.2	
						RPD = 6.83	
$ 11 DCB Decachlorobiphenyl							
1	10.460	10.460	0.000	180061356	100.0	90.0	
2	8.864	8.864	0.000	268874582	100.0	97.1	
						RPD = 7.51	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

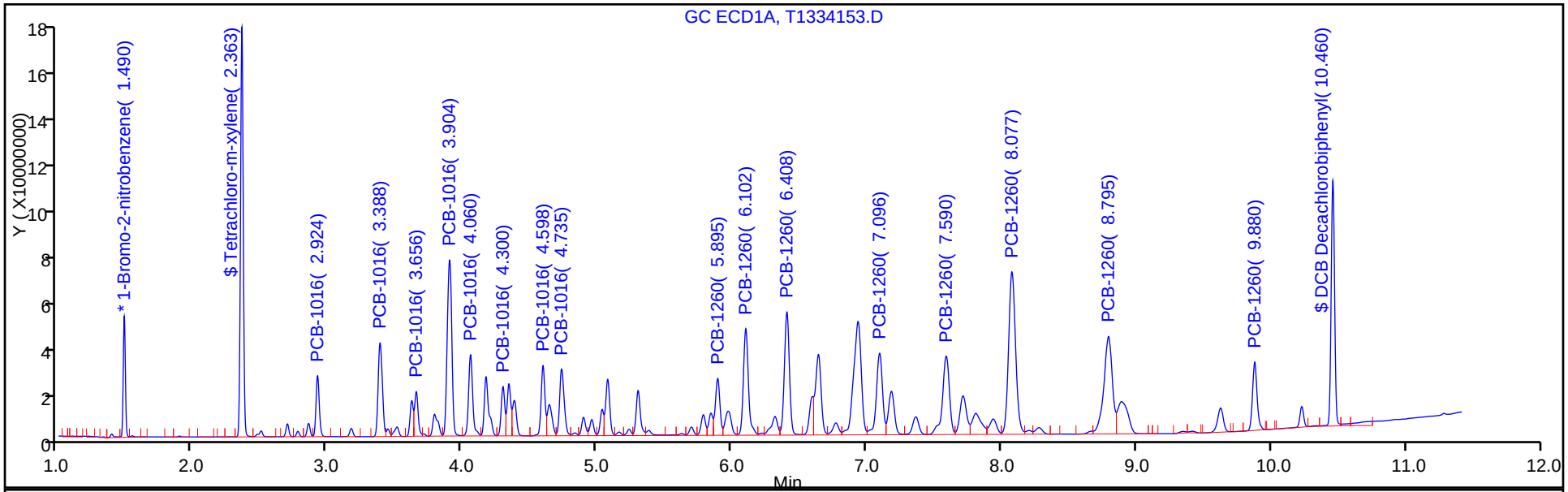
SG1660L3_00029	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

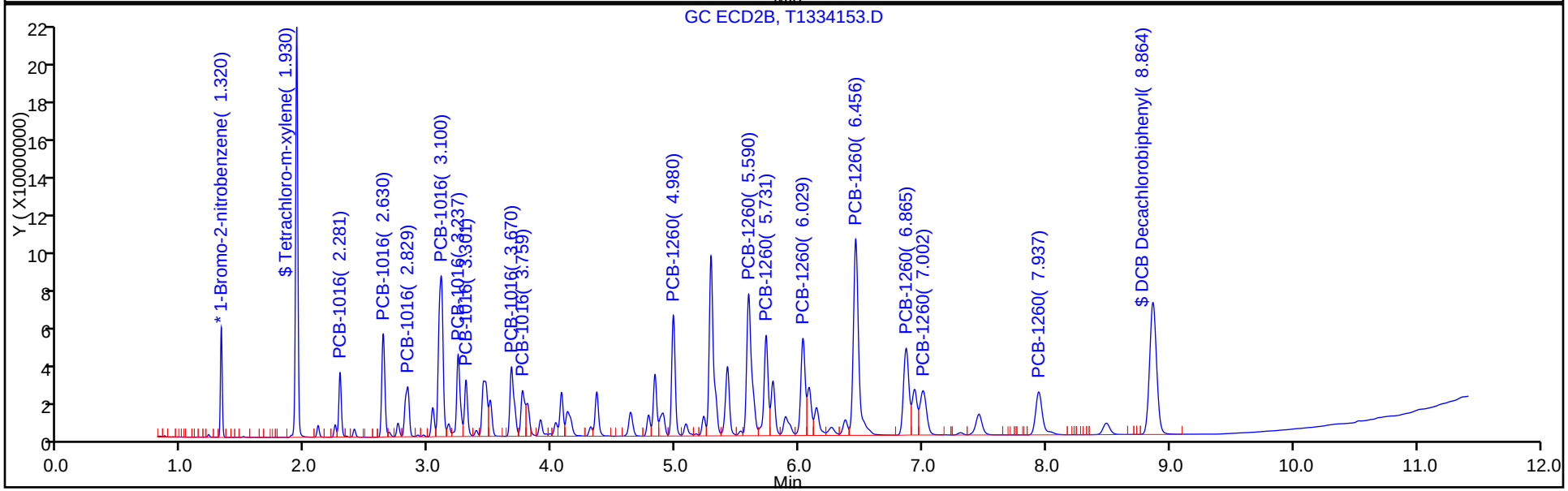
Report Date: 05-Oct-2016 11:09:26 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334153.D

Injection Date:	05-Oct-2016 06:37:18	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCVIS 460-395004/2 Calibration Date: 10/05/2016 06:37

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334153.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0166	0.0164		991	1000	-0.9	20.0
PCB-1016 Peak 2	Ave	0.0324	0.0324		1000	1000	0.0	20.0
PCB-1016 Peak 3	Ave	0.0216	0.0215		991	1000	-0.9	20.0
PCB-1016 Peak 4	Ave	0.0720	0.0720		999	1000	-0.1	20.0
PCB-1016 Peak 5	Ave	0.0297	0.0298		1000	1000	0.2	20.0
PCB-1016 Peak 6	Ave	0.0184	0.0180		979	1000	-2.1	20.0
PCB-1016 Peak 7	Ave	0.0302	0.0295		977	1000	-2.3	20.0
PCB-1016 Peak 8	Ave	0.0168	0.0187		1110	1000	11.0	20.0
PCB-1260 Peak 1	Ave	0.0434	0.0430		991	1000	-0.9	20.0
PCB-1260 Peak 2	Ave	0.0750	0.0726		968	1000	-3.2	20.0
PCB-1260 Peak 3	Ave	0.0457	0.0424		927	1000	-7.3	20.0
PCB-1260 Peak 4	Ave	0.0464	0.0436		938	1000	-6.2	20.0
PCB-1260 Peak 5	Ave	0.1029	0.1055		1030	1000	2.5	20.0
PCB-1260 Peak 6	Ave	0.0530	0.0480		907	1000	-9.3	20.0
PCB-1260 Peak 7	Ave	0.0302	0.0295		977	1000	-2.3	20.0
PCB-1260 Peak 8	Ave	0.0297	0.0303		1020	1000	1.9	20.0
Tetrachloro-m-xylene	Ave	0.8978	0.9388		105	100	4.6	20.0
DCB Decachlorobiphenyl	Ave	0.9626	0.9343		97.1	100	-2.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCVIS 460-395004/2 Calibration Date: 10/05/2016 06:37

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334153.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.28	2.25	2.31
PCB-1016 Peak 2	2.63	2.60	2.66
PCB-1016 Peak 3	2.83	2.80	2.86
PCB-1016 Peak 4	3.10	3.07	3.13
PCB-1016 Peak 5	3.24	3.21	3.27
PCB-1016 Peak 6	3.30	3.27	3.33
PCB-1016 Peak 7	3.67	3.64	3.70
PCB-1016 Peak 8	3.76	3.73	3.79
PCB-1260 Peak 1	4.98	4.95	5.01
PCB-1260 Peak 2	5.59	5.56	5.62
PCB-1260 Peak 3	5.73	5.70	5.76
PCB-1260 Peak 4	6.03	6.00	6.06
PCB-1260 Peak 5	6.46	6.43	6.49
PCB-1260 Peak 6	6.87	6.84	6.90
PCB-1260 Peak 7	7.00	6.97	7.03
PCB-1260 Peak 8	7.94	7.91	7.97
Tetrachloro-m-xylene	1.93	1.90	1.96
DCB Decachlorobiphenyl	8.86	8.76	8.96

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334153.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 05-Oct-2016 06:37:18 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-002
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:25 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 06:56:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.490	1.490	0.000	55915806	20.0	20.0	
2	1.320	1.320	0.000	57555136	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.363	2.363	0.000	239764108	100.0	97.3	
2	1.930	1.930	0.000	270150889	100.0	104.6	
						RPD = 7.21	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.924	2.924	0.000	42814380	1000.0	931.4	
1	3.388	3.388	0.000	84543167	1000.0	934.9	
1	3.656	3.656	0.000	33524256	1000.0	851.3	
1	3.904	3.904	0.000	172196232	1000.0	933.1	
1	4.060	4.060	0.000	71721550	1000.0	921.9	
1	4.300	4.300	0.000	37849496	1000.0	946.3	
1	4.598	4.598	0.000	57207294	1000.0	921.0	
1	4.735	4.735	0.000	65071650	1000.0	947.4	
		Average of Peak Amounts =				923.4	
2	2.281	2.281	0.000	47310912	1000.0	990.7	
2	2.630	2.630	0.000	93314744	1000.0	1000.4	
2	2.829	2.829	0.000	61738906	1000.0	991.4	
2	3.100	3.100	0.000	207054844	1000.0	999.0	
2	3.237	3.237	0.000	85781081	1000.0	1002.0	
2	3.301	3.301	0.000	51767633	1000.0	979.1	
2	3.670	3.670	0.000	84772822	1000.0	976.8	M
2	3.759	3.759	0.000	53733047	1000.0	1109.5	M
		Average of Peak Amounts =				1006.1	
						RPD = 8.57	
8 PCB-1260							
1	5.895	5.895	0.000	55203847	1000.0	933.6	
1	6.102	6.102	0.000	114488882	1000.0	920.7	
1	6.408	6.408	0.000	132158577	1000.0	909.4	
1	7.096	7.096	0.000	107199589	1000.0	917.3	
1	7.590	7.590	0.000	116322921	1000.0	902.7	
1	8.077	8.077	0.000	242070250	1000.0	894.7	
1	8.795	8.795	0.000	178013518	1000.0	878.6	
1	9.880	9.880	0.000	66329465	1000.0	884.8	
		Average of Peak Amounts =				905.2	
2	4.980	4.980	0.000	123753491	1000.0	990.9	
2	5.590	5.590	0.000	208897729	1000.0	968.3	
2	5.731	5.731	0.000	121955522	1000.0	927.3	
2	6.029	6.029	0.000	125318372	1000.0	938.4	
2	6.456	6.456	0.000	303577066	1000.0	1025.5	
2	6.865	6.865	0.000	138239235	1000.0	907.2	
2	7.002	7.002	0.000	84848100	1000.0	976.7	
2	7.937	7.937	0.000	87167086	1000.0	1019.5	
		Average of Peak Amounts =				969.2	
						RPD = 6.83	
$ 11 DCB Decachlorobiphenyl							
1	10.460	10.460	0.000	180061356	100.0	90.0	
2	8.864	8.864	0.000	268874582	100.0	97.1	
						RPD = 7.51	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

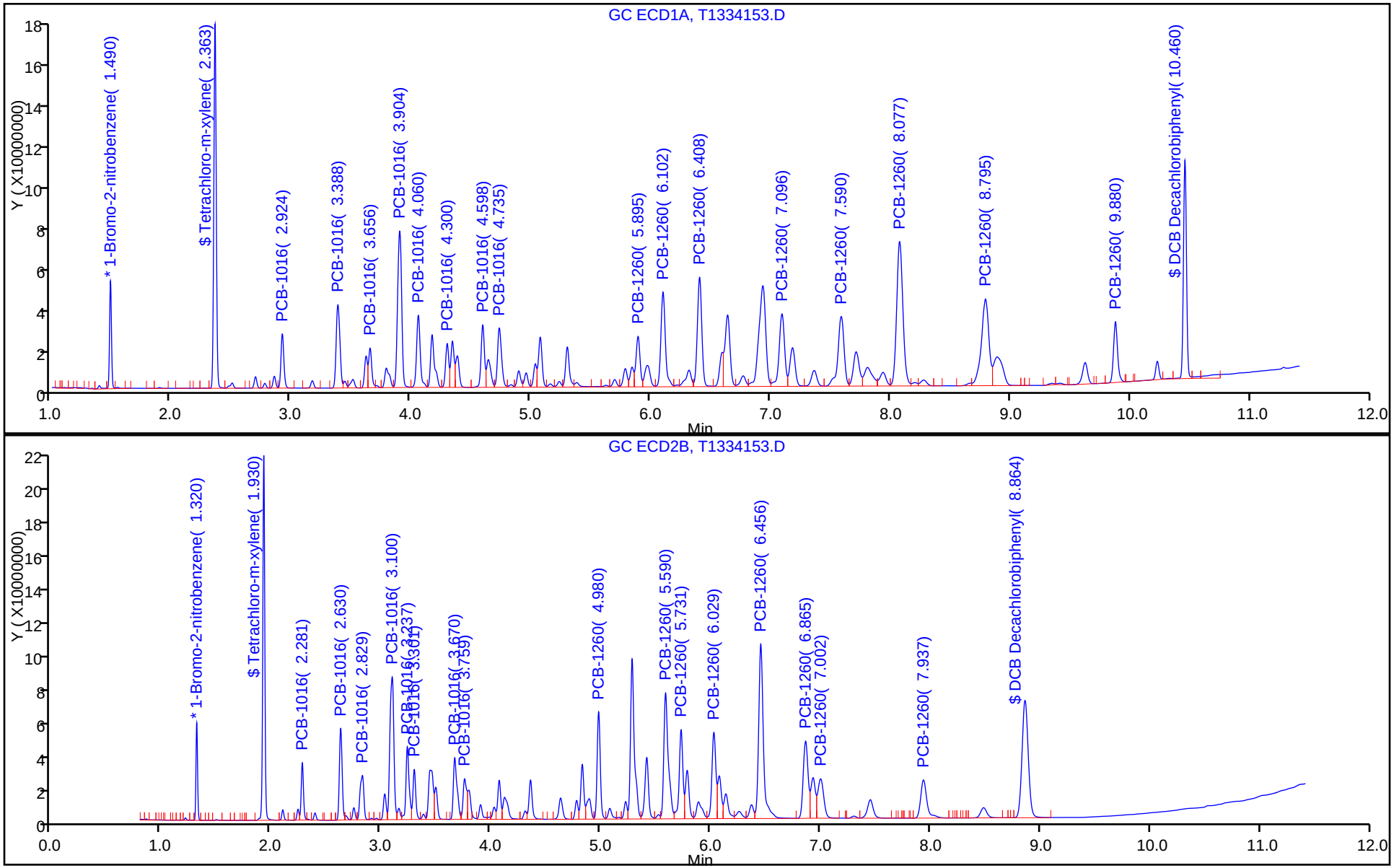
SG1660L3_00029	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 05-Oct-2016 11:09:30 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334153.D

Injection Date:	05-Oct-2016 06:37:18	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCV 460-395004/3 Calibration Date: 10/05/2016 06:58

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334154.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.8815	0.8658		98.2	100	-1.8	20.0
DCB Decachlorobiphenyl	Ave	0.7153	0.6791		94.9	100	-5.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCV 460-395004/3 Calibration Date: 10/05/2016 06:58

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334154.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	2.37	2.33	2.39
DCB Decachlorobiphenyl	10.46	10.43	10.49

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334154.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 05-Oct-2016 06:58:43 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-003
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:33 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:33:25

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.491	1.490	0.001	44045331	20.0	20.0	
2	1.316	1.320	-0.004	45213937	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.366	2.363	0.003	190662421	100.0	98.2	
2	1.926	1.930	-0.004	214236128	100.0	105.6	
						RPD = 7.20	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 PCB-1242							M
1	2.929	2.932	-0.003	29207098	1000.0	918.9	
1	3.393	3.396	-0.003	58329823	1000.0	935.9	
1	3.662	3.664	-0.002	23529986	1000.0	941.5	
1	3.910	3.911	-0.001	124119374	1000.0	982.0	
1	4.065	4.066	-0.001	51840054	1000.0	977.6	
1	4.741	4.741	0.000	47614687	1000.0	970.2	
1	5.042	5.041	0.001	41620517	1000.0	943.0	
1	5.088	5.088	0.000	48482888	1000.0	984.9	
		Average of Peak Amounts =				956.7	
2	2.278	2.281	-0.003	34122848	1000.0	1041.8	
2	2.627	2.631	-0.004	64944520	1000.0	1010.9	
2	2.826	2.829	-0.003	42708791	1000.0	995.9	
2	3.098	3.100	-0.002	141653170	1000.0	1002.1	
2	3.235	3.237	-0.002	58499554	1000.0	996.7	
2	3.668	3.669	-0.001	59120461	1000.0	1001.2	
2	4.140	4.122	0.018	92754480	1000.0	994.4	
2	4.354	4.353	0.001	38323343	1000.0	1051.3	M
		Average of Peak Amounts =				1011.8	
						RPD = 5.59	
$ 11 DCB Decachlorobiphenyl							
1	10.460	10.460	0.000	149545110	100.0	94.9	
2	8.862	8.864	-0.002	226658468	100.0	104.2	
						RPD = 9.27	
S 12 Polychlorinated biphenyls, Total							
1						956.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

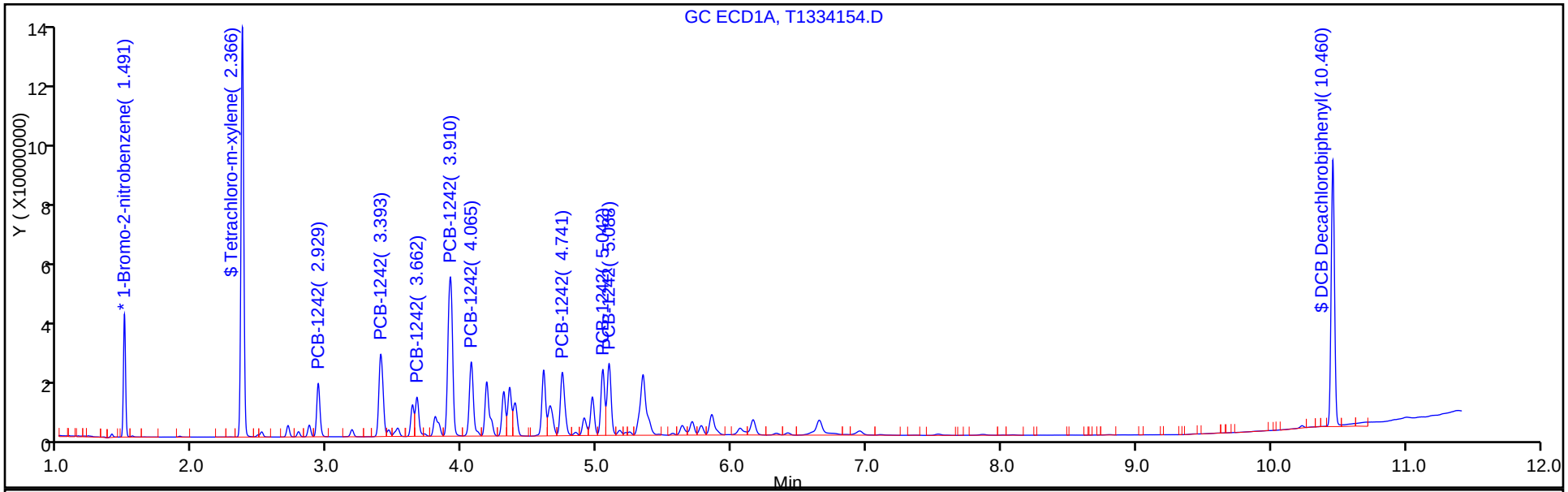
SG1242L3_00027	Amount Added: 1.00	Units: mL	
SGPCBISTD_00007	Amount Added: 20.00	Units: uL	Run Reagent

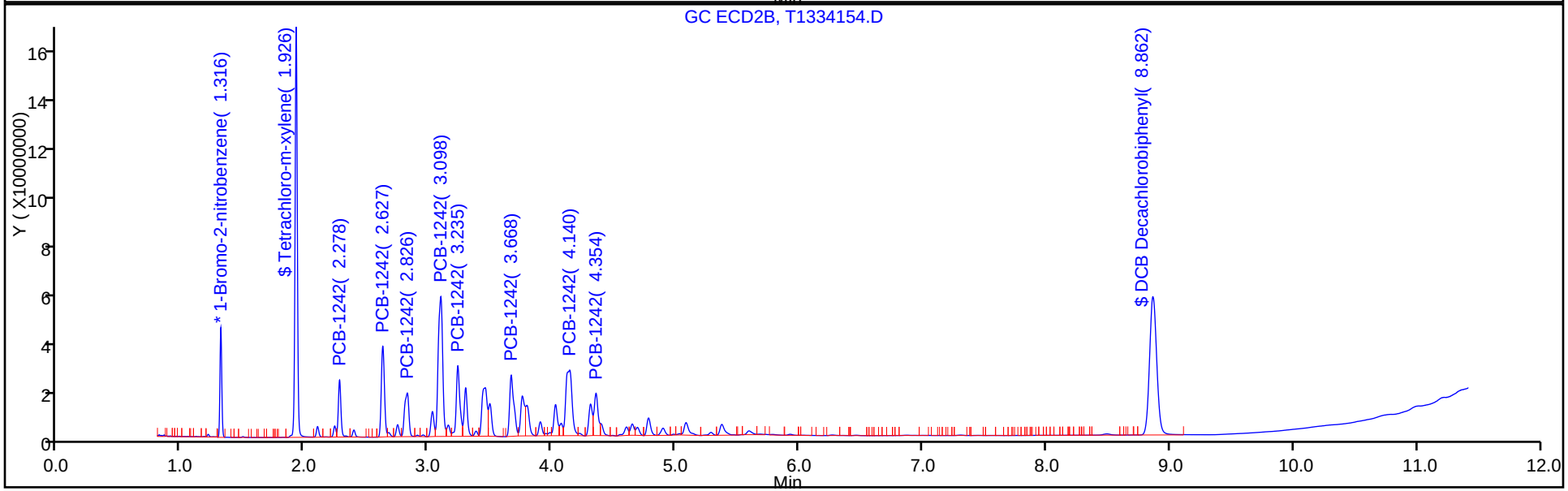
Report Date: 05-Oct-2016 11:09:34 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334154.D

Injection Date:	05-Oct-2016 06:58:43	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1242			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCV 460-395004/3 Calibration Date: 10/05/2016 06:58

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 18:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 18:45

Lab File ID: T1334154.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0144	0.0133		919	1000	-8.1	20.0
PCB-1242 Peak 2	Ave	0.0283	0.0265		936	1000	-6.4	20.0
PCB-1242 Peak 3	Ave	0.0113	0.0107		941	1000	-5.9	20.0
PCB-1242 Peak 4	Ave	0.0574	0.0564		982	1000	-1.8	20.0
PCB-1242 Peak 5	Ave	0.0241	0.0235		978	1000	-2.2	20.0
PCB-1242 Peak 6	Ave	0.0223	0.0216		970	1000	-3.0	20.0
PCB-1242 Peak 7	Ave	0.0200	0.0189		943	1000	-5.7	20.0
PCB-1242 Peak 8	Ave	0.0224	0.0220		985	1000	-1.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCV 460-395004/3 Calibration Date: 10/05/2016 06:58

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 18:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 18:45

Lab File ID: T1334154.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	2.93	2.90	2.96
PCB-1242 Peak 2	3.39	3.37	3.43
PCB-1242 Peak 3	3.66	3.63	3.69
PCB-1242 Peak 4	3.91	3.88	3.94
PCB-1242 Peak 5	4.07	4.04	4.10
PCB-1242 Peak 6	4.74	4.71	4.77
PCB-1242 Peak 7	5.04	5.01	5.07
PCB-1242 Peak 8	5.09	5.06	5.12

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334154.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 05-Oct-2016 06:58:43 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-003
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:33 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:33:25

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.491	1.490	0.001	44045331	20.0	20.0	
2	1.316	1.320	-0.004	45213937	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.366	2.363	0.003	190662421	100.0	98.2	
2	1.926	1.930	-0.004	214236128	100.0	105.6	
						RPD = 7.20	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 PCB-1242							M
1	2.929	2.932	-0.003	29207098	1000.0	918.9	
1	3.393	3.396	-0.003	58329823	1000.0	935.9	
1	3.662	3.664	-0.002	23529986	1000.0	941.5	
1	3.910	3.911	-0.001	124119374	1000.0	982.0	
1	4.065	4.066	-0.001	51840054	1000.0	977.6	
1	4.741	4.741	0.000	47614687	1000.0	970.2	
1	5.042	5.041	0.001	41620517	1000.0	943.0	
1	5.088	5.088	0.000	48482888	1000.0	984.9	
		Average of Peak Amounts =				956.7	
2	2.278	2.281	-0.003	34122848	1000.0	1041.8	
2	2.627	2.631	-0.004	64944520	1000.0	1010.9	
2	2.826	2.829	-0.003	42708791	1000.0	995.9	
2	3.098	3.100	-0.002	141653170	1000.0	1002.1	
2	3.235	3.237	-0.002	58499554	1000.0	996.7	
2	3.668	3.669	-0.001	59120461	1000.0	1001.2	
2	4.140	4.122	0.018	92754480	1000.0	994.4	
2	4.354	4.353	0.001	38323343	1000.0	1051.3	M
		Average of Peak Amounts =				1011.8	
						RPD = 5.59	
$ 11 DCB Decachlorobiphenyl							
1	10.460	10.460	0.000	149545110	100.0	94.9	
2	8.862	8.864	-0.002	226658468	100.0	104.2	
						RPD = 9.27	
S 12 Polychlorinated biphenyls, Total							
1						956.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

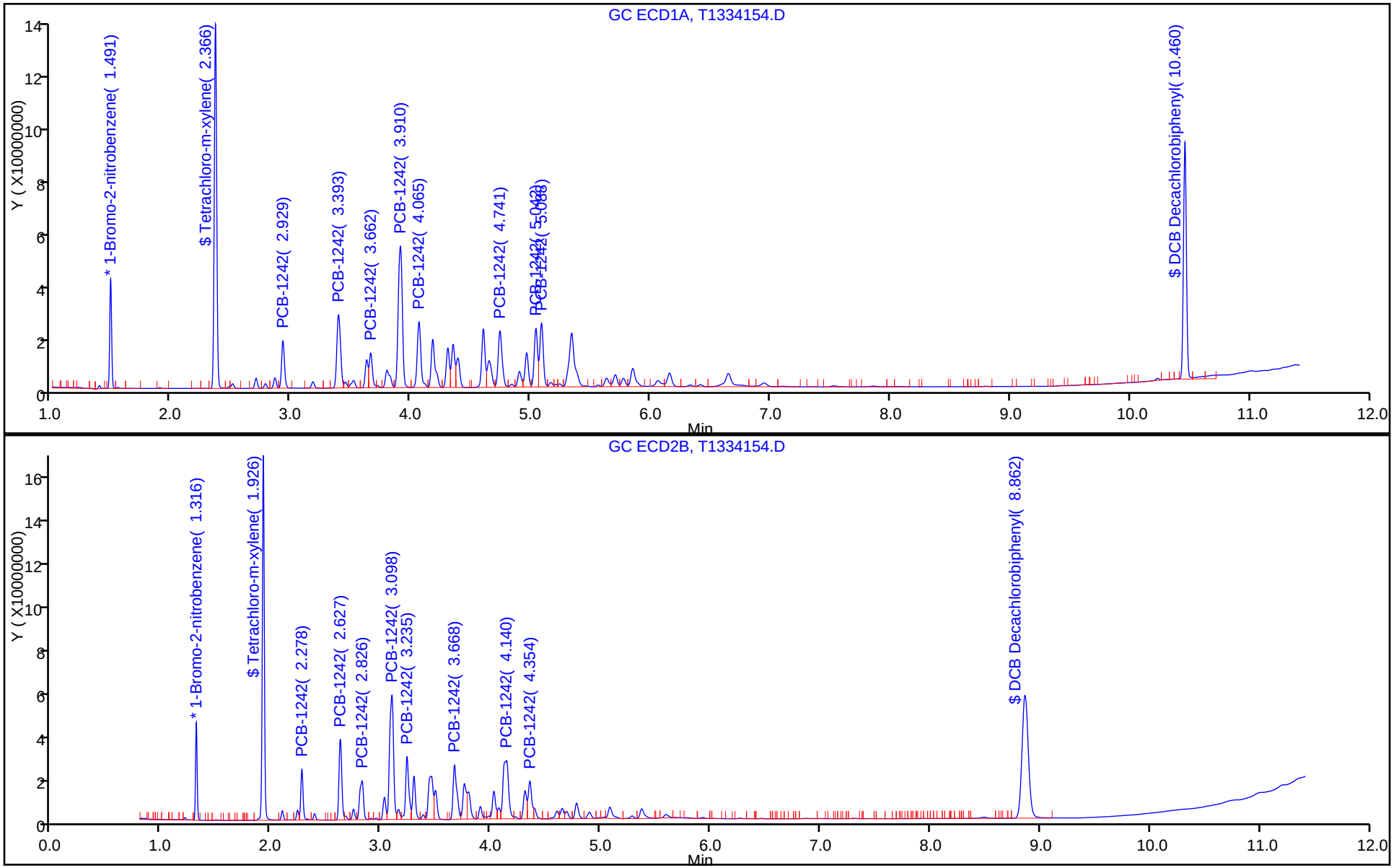
SG1242L3_00027	Amount Added: 1.00	Units: mL	
SGPCBISTD_00007	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 05-Oct-2016 11:09:34 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334154.D

Injection Date:	05-Oct-2016 06:58:43	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1242			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCV 460-395004/3 Calibration Date: 10/05/2016 06:58

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334154.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.8978	0.9477		106	100	5.6	20.0
DCB Decachlorobiphenyl	Ave	0.9626	1.003		104	100	4.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCV 460-395004/3 Calibration Date: 10/05/2016 06:58

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334154.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	1.93	1.90	1.96
DCB Decachlorobiphenyl	8.86	8.76	8.96

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334154.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 05-Oct-2016 06:58:43 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-003
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:33 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:33:25

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.491	1.490	0.001	44045331	20.0	20.0	
2	1.316	1.320	-0.004	45213937	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.366	2.363	0.003	190662421	100.0	98.2	
2	1.926	1.930	-0.004	214236128	100.0	105.6	
						RPD = 7.20	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 PCB-1242							M
1	2.929	2.932	-0.003	29207098	1000.0	918.9	
1	3.393	3.396	-0.003	58329823	1000.0	935.9	
1	3.662	3.664	-0.002	23529986	1000.0	941.5	
1	3.910	3.911	-0.001	124119374	1000.0	982.0	
1	4.065	4.066	-0.001	51840054	1000.0	977.6	
1	4.741	4.741	0.000	47614687	1000.0	970.2	
1	5.042	5.041	0.001	41620517	1000.0	943.0	
1	5.088	5.088	0.000	48482888	1000.0	984.9	
		Average of Peak Amounts =				956.7	
2	2.278	2.281	-0.003	34122848	1000.0	1041.8	
2	2.627	2.631	-0.004	64944520	1000.0	1010.9	
2	2.826	2.829	-0.003	42708791	1000.0	995.9	
2	3.098	3.100	-0.002	141653170	1000.0	1002.1	
2	3.235	3.237	-0.002	58499554	1000.0	996.7	
2	3.668	3.669	-0.001	59120461	1000.0	1001.2	
2	4.140	4.122	0.018	92754480	1000.0	994.4	
2	4.354	4.353	0.001	38323343	1000.0	1051.3	M
		Average of Peak Amounts =				1011.8	
						RPD = 5.59	
$ 11 DCB Decachlorobiphenyl							
1	10.460	10.460	0.000	149545110	100.0	94.9	
2	8.862	8.864	-0.002	226658468	100.0	104.2	
						RPD = 9.27	
S 12 Polychlorinated biphenyls, Total							
1						956.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

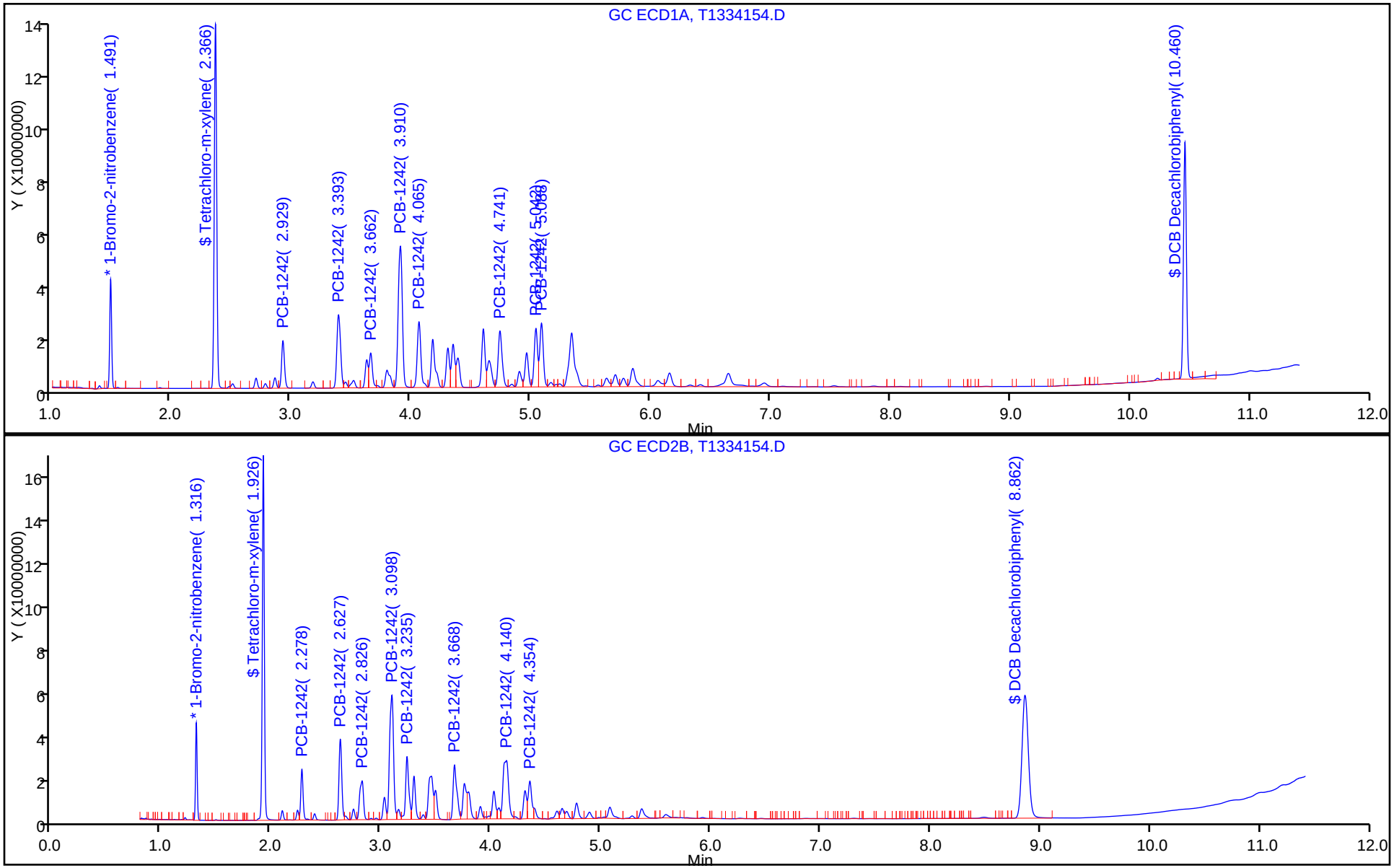
SG1242L3_00027	Amount Added: 1.00	Units: mL	
SGPCBISTD_00007	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 05-Oct-2016 11:09:36 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334154.D

Injection Date:	05-Oct-2016 06:58:43	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1242			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCV 460-395004/3 Calibration Date: 10/05/2016 06:58

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 18:45

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 06/17/2016 18:45

Lab File ID: T1334154.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0145	0.0151		1040	1000	4.2	20.0
PCB-1242 Peak 2	Ave	0.0284	0.0287		1010	1000	1.1	20.0
PCB-1242 Peak 3	Ave	0.0190	0.0189		996	1000	-0.4	20.0
PCB-1242 Peak 4	Ave	0.0625	0.0627		1000	1000	0.2	20.0
PCB-1242 Peak 5	Ave	0.0260	0.0259		997	1000	-0.3	20.0
PCB-1242 Peak 6	Ave	0.0261	0.0262		1000	1000	0.1	20.0
PCB-1242 Peak 7	Ave	0.0413	0.0410		994	1000	-0.6	20.0
PCB-1242 Peak 8	Ave	0.0161	0.0170		1050	1000	5.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Lab Sample ID: CCV 460-395004/3 Calibration Date: 10/05/2016 06:58

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 18:45

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 06/17/2016 18:45

Lab File ID: T1334154.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	2.28	2.25	2.31
PCB-1242 Peak 2	2.63	2.60	2.66
PCB-1242 Peak 3	2.83	2.80	2.86
PCB-1242 Peak 4	3.10	3.07	3.13
PCB-1242 Peak 5	3.24	3.21	3.27
PCB-1242 Peak 6	3.67	3.64	3.70
PCB-1242 Peak 7	4.14	4.09	4.15
PCB-1242 Peak 8	4.35	4.32	4.38

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334154.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 05-Oct-2016 06:58:43 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-003
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:33 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:33:25

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.491	1.490	0.001	44045331	20.0	20.0	
2	1.316	1.320	-0.004	45213937	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.366	2.363	0.003	190662421	100.0	98.2	
2	1.926	1.930	-0.004	214236128	100.0	105.6	
						RPD = 7.20	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 PCB-1242							M
1	2.929	2.932	-0.003	29207098	1000.0	918.9	
1	3.393	3.396	-0.003	58329823	1000.0	935.9	
1	3.662	3.664	-0.002	23529986	1000.0	941.5	
1	3.910	3.911	-0.001	124119374	1000.0	982.0	
1	4.065	4.066	-0.001	51840054	1000.0	977.6	
1	4.741	4.741	0.000	47614687	1000.0	970.2	
1	5.042	5.041	0.001	41620517	1000.0	943.0	
1	5.088	5.088	0.000	48482888	1000.0	984.9	
		Average of Peak Amounts =				956.7	
2	2.278	2.281	-0.003	34122848	1000.0	1041.8	
2	2.627	2.631	-0.004	64944520	1000.0	1010.9	
2	2.826	2.829	-0.003	42708791	1000.0	995.9	
2	3.098	3.100	-0.002	141653170	1000.0	1002.1	
2	3.235	3.237	-0.002	58499554	1000.0	996.7	
2	3.668	3.669	-0.001	59120461	1000.0	1001.2	
2	4.140	4.122	0.018	92754480	1000.0	994.4	
2	4.354	4.353	0.001	38323343	1000.0	1051.3	M
		Average of Peak Amounts =				1011.8	
						RPD = 5.59	
$ 11 DCB Decachlorobiphenyl							
1	10.460	10.460	0.000	149545110	100.0	94.9	
2	8.862	8.864	-0.002	226658468	100.0	104.2	
						RPD = 9.27	
S 12 Polychlorinated biphenyls, Total							
1						956.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

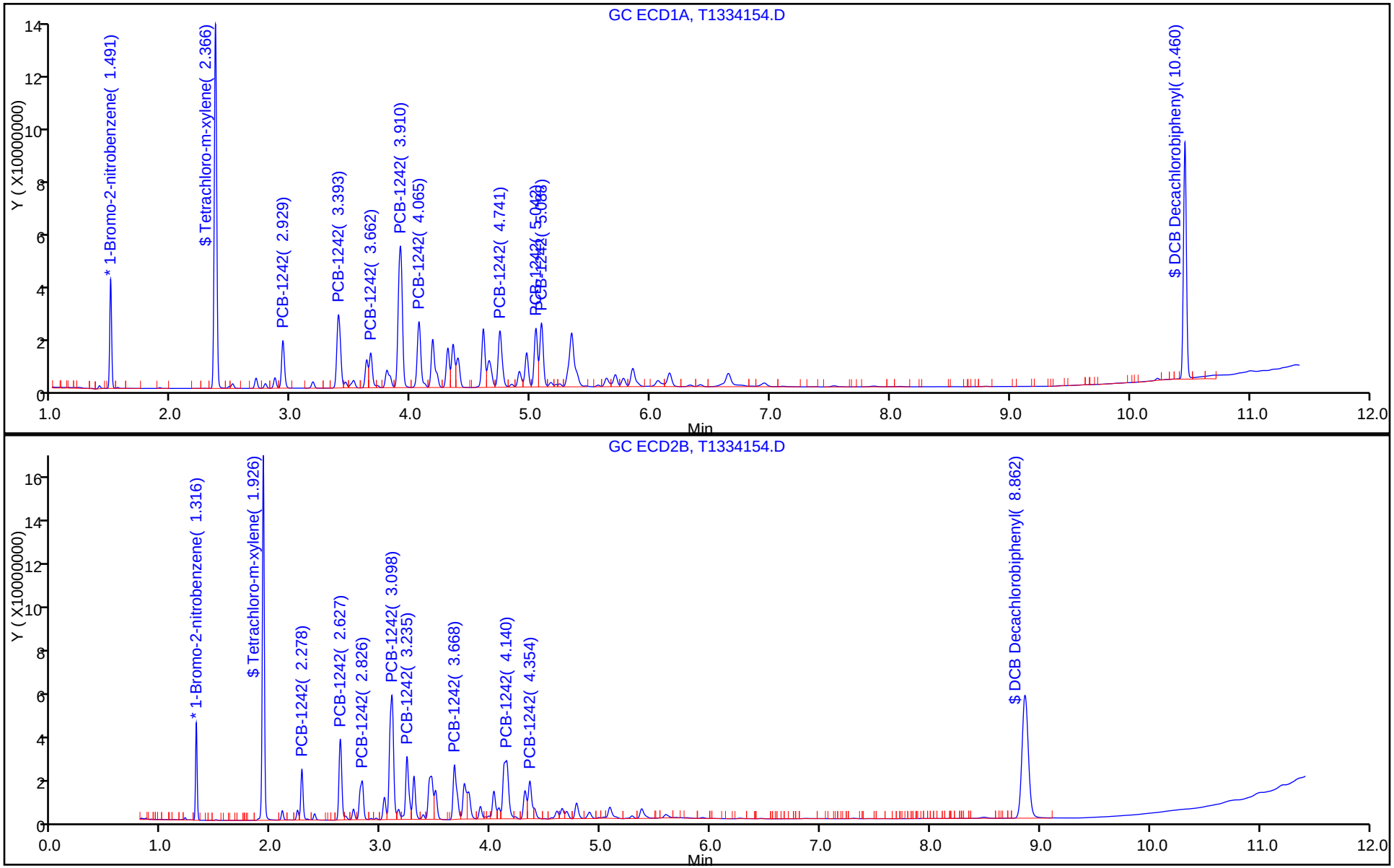
SG1242L3_00027	Amount Added: 1.00	Units: mL	
SGPCBISTD_00007	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 05-Oct-2016 11:09:36 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334154.D

Injection Date:	05-Oct-2016 06:58:43	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1242			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-394557/1-A

Matrix: Water Lab File ID: T1334124.D

Analysis Method: 8082A Date Collected:

Extraction Method: 3510C Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) Date Analyzed: 10/04/2016 14:24

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 394836 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334124.D
Lims ID: MB 460-394557/1-A
Client ID:
Sample Type: MB
Inject. Date: 04-Oct-2016 14:24:36 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-004
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:06 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:05:33

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.494	1.487	0.007	48309587	20.0	20.0	
2	1.316	1.319	-0.003	48128099	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.371	2.360	0.011	171853269	100.0	80.7	
2	1.927	1.930	-0.003	189927713	100.0	87.9	
						RPD = 8.54	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							
1	10.467	10.453	0.014	181698632	100.0	105.2	
2	8.864	8.864	0.000	262015609	100.0	113.1	
						RPD = 7.29	

Reagents:

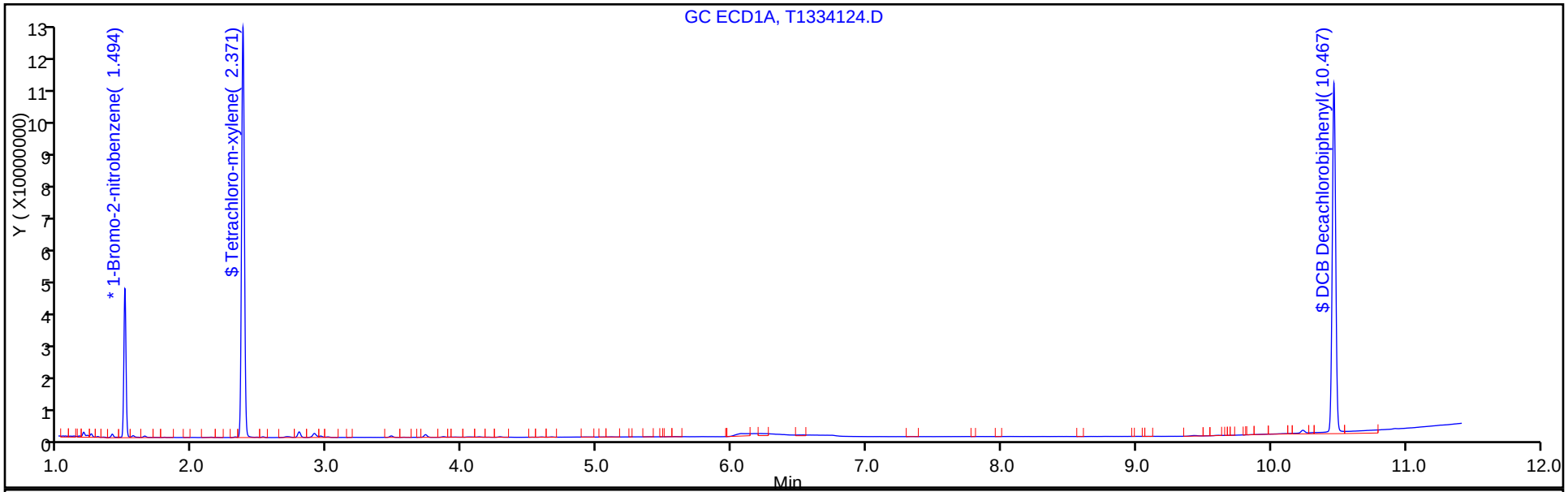
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

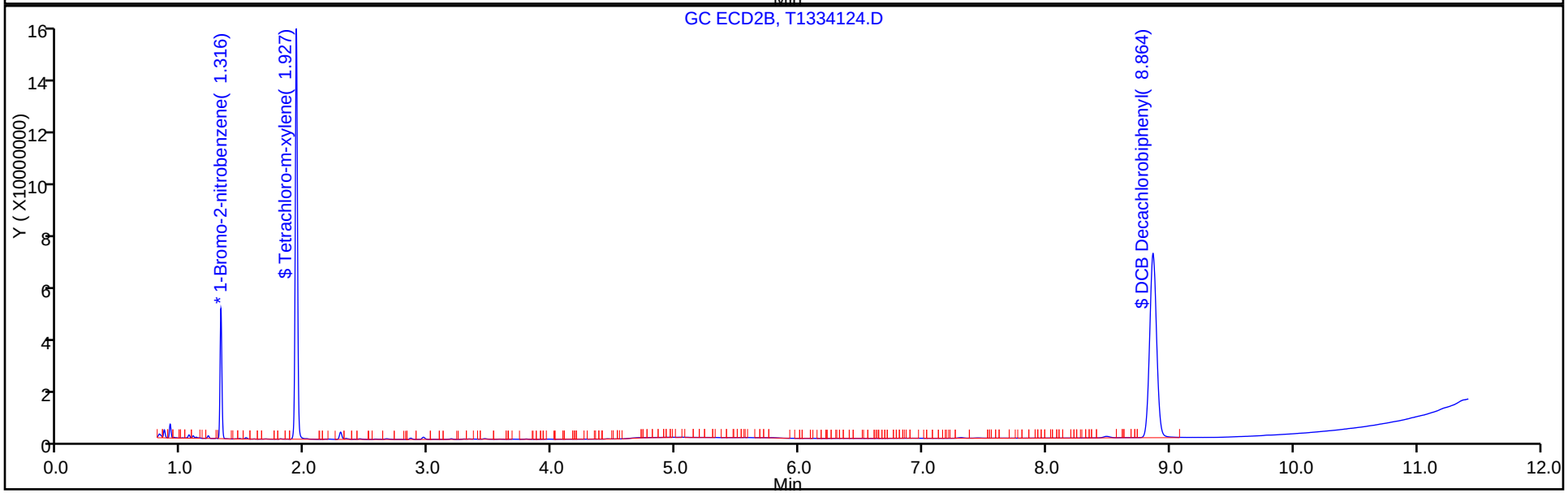
Report Date: 05-Oct-2016 10:43:14 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334124.D

Injection Date:	04-Oct-2016 14:24:36	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	MB 460-394557/1-A			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-394557/1-A

Matrix: Water | Lab File ID: T1334124.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 14:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394836 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.098	U	0.40	0.098
11104-28-2	Aroclor 1221	0.098	U	0.40	0.098
11141-16-5	Aroclor 1232	0.098	U	0.40	0.098
53469-21-9	Aroclor 1242	0.098	U	0.40	0.098
12672-29-6	Aroclor 1248	0.098	U	0.40	0.098
11097-69-1	Aroclor 1254	0.084	U	0.40	0.084
11096-82-5	Aroclor 1260	0.084	U	0.40	0.084
37324-23-5	Aroclor 1262	0.084	U	0.40	0.084
11100-14-4	Aroclor 1268	0.084	U	0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334124.D
Lims ID: MB 460-394557/1-A
Client ID:
Sample Type: MB
Inject. Date: 04-Oct-2016 14:24:36 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-004
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:06 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:05:33

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.494	1.487	0.007	48309587	20.0	20.0	
2	1.316	1.319	-0.003	48128099	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.371	2.360	0.011	171853269	100.0	80.7	
2	1.927	1.930	-0.003	189927713	100.0	87.9	
						RPD = 8.54	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							
1	10.467	10.453	0.014	181698632	100.0	105.2	
2	8.864	8.864	0.000	262015609	100.0	113.1	
						RPD = 7.29	

Reagents:

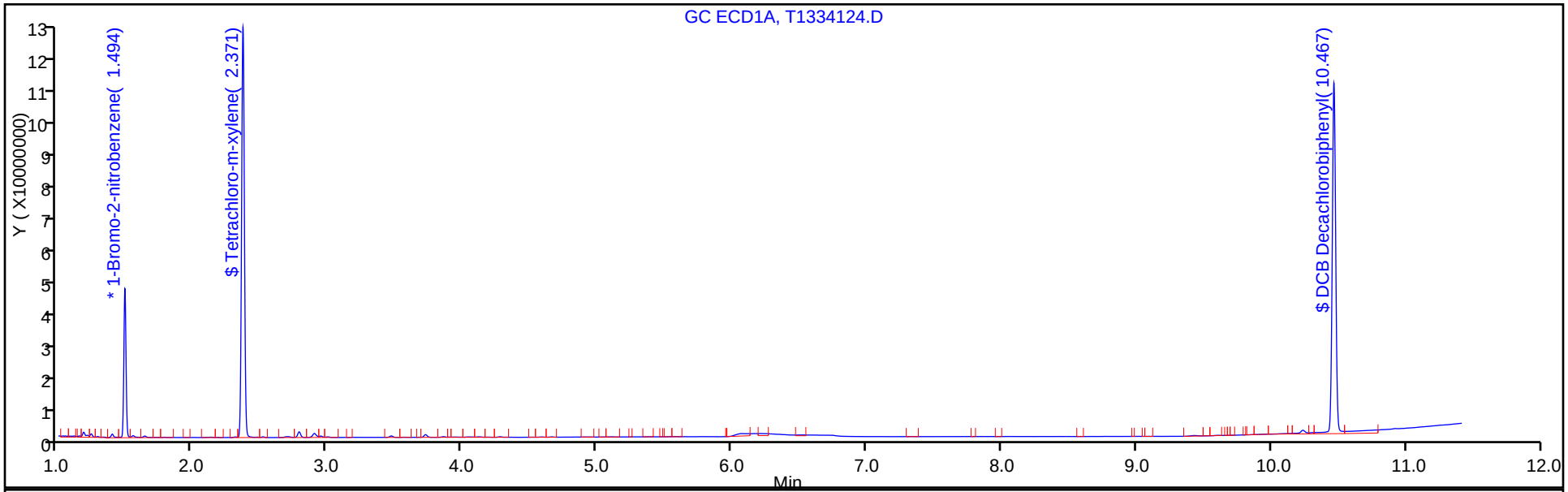
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

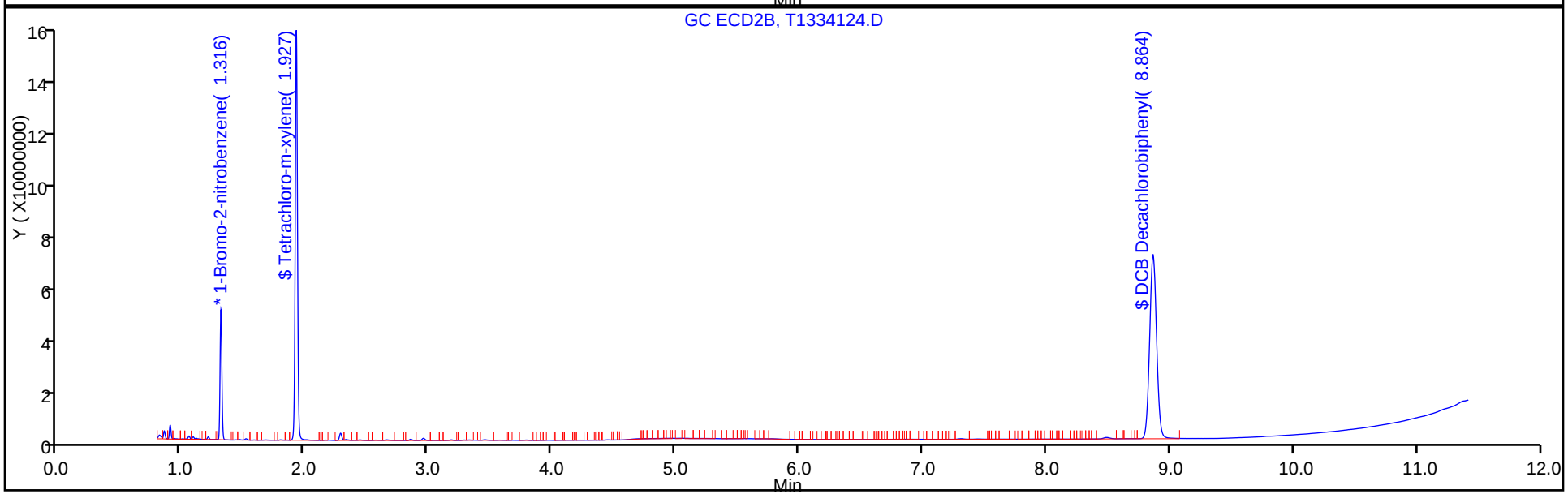
Report Date: 05-Oct-2016 10:43:14 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334124.D

Injection Date:	04-Oct-2016 14:24:36	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	MB 460-394557/1-A			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-394557/1-A RA

Matrix: Water | Lab File ID: T1334169.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/05/2016 10:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 395004 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334169.D
Lims ID: MB 460-394557/1-A
Client ID:
Sample Type: MB
Inject. Date: 05-Oct-2016 10:44:34 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-018
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:38 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 11:08:07

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.488	1.490	-0.002	51152161	20.0	20.0	
2	1.319	1.320	-0.001	52790864	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.361	2.363	-0.002	187556286	100.0	83.2	
2	1.931	1.930	0.001	206905942	100.0	87.3	
						RPD = 4.83	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							
1	10.456	10.460	-0.004	191422915	100.0	104.6	
2	8.860	8.864	-0.004	278498466	100.0	109.6	
						RPD = 4.65	

Reagents:

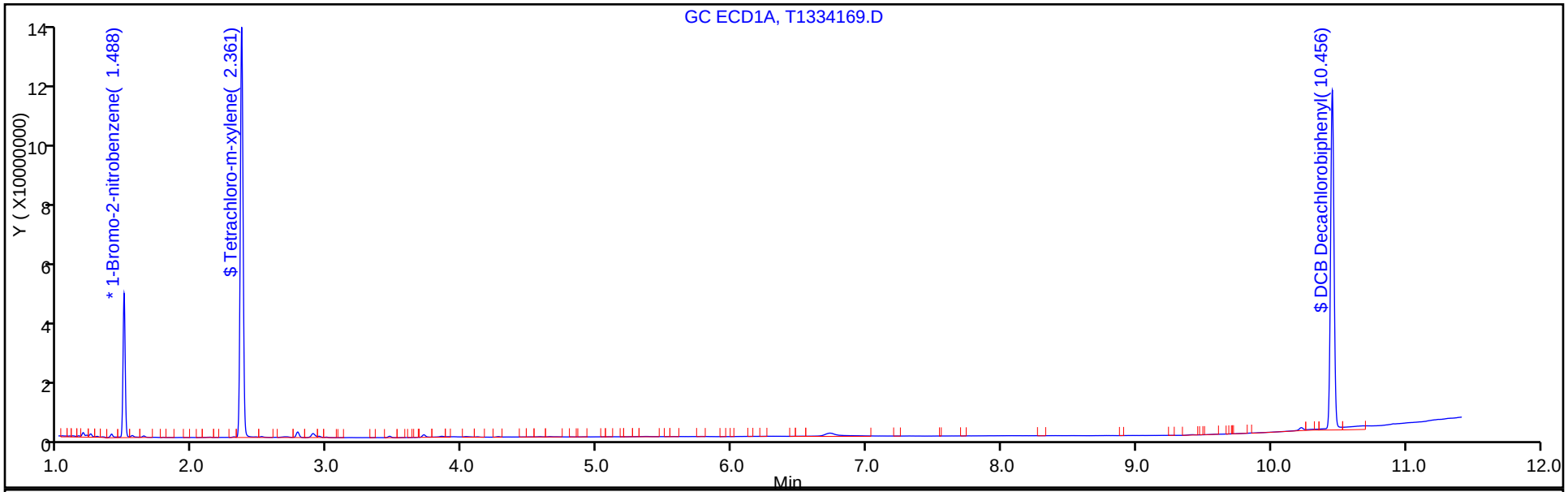
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

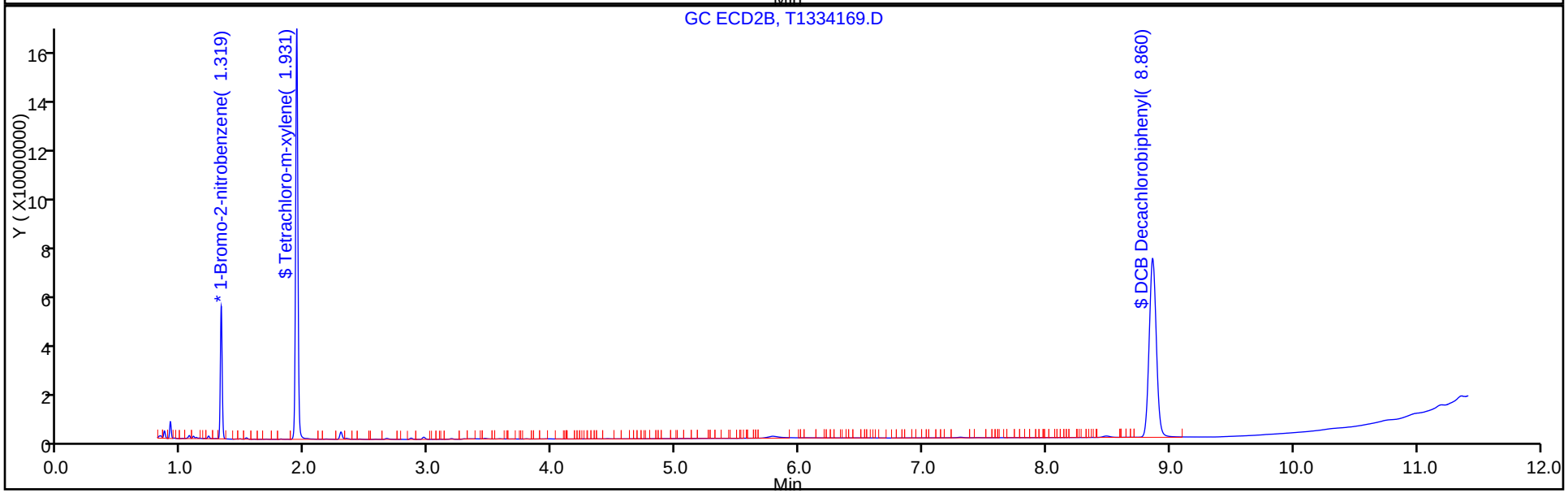
Report Date: 05-Oct-2016 11:10:35 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334169.D

Injection Date:	05-Oct-2016 10:44:34	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	MB 460-394557/1-A			Worklist Smp#:	18
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-394557/1-A RA

Matrix: Water | Lab File ID: T1334169.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/05/2016 10:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 395004 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.098	U	0.40	0.098
11104-28-2	Aroclor 1221	0.098	U	0.40	0.098
11141-16-5	Aroclor 1232	0.098	U	0.40	0.098
53469-21-9	Aroclor 1242	0.098	U	0.40	0.098
12672-29-6	Aroclor 1248	0.098	U	0.40	0.098
11097-69-1	Aroclor 1254	0.084	U	0.40	0.084
11096-82-5	Aroclor 1260	0.084	U	0.40	0.084
37324-23-5	Aroclor 1262	0.084	U	0.40	0.084
11100-14-4	Aroclor 1268	0.084	U	0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334169.D
Lims ID: MB 460-394557/1-A
Client ID:
Sample Type: MB
Inject. Date: 05-Oct-2016 10:44:34 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-018
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:38 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 11:08:07

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.488	1.490	-0.002	51152161	20.0	20.0	
2	1.319	1.320	-0.001	52790864	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.361	2.363	-0.002	187556286	100.0	83.2	
2	1.931	1.930	0.001	206905942	100.0	87.3	
						RPD = 4.83	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							
1	10.456	10.460	-0.004	191422915	100.0	104.6	
2	8.860	8.864	-0.004	278498466	100.0	109.6	
						RPD = 4.65	

Reagents:

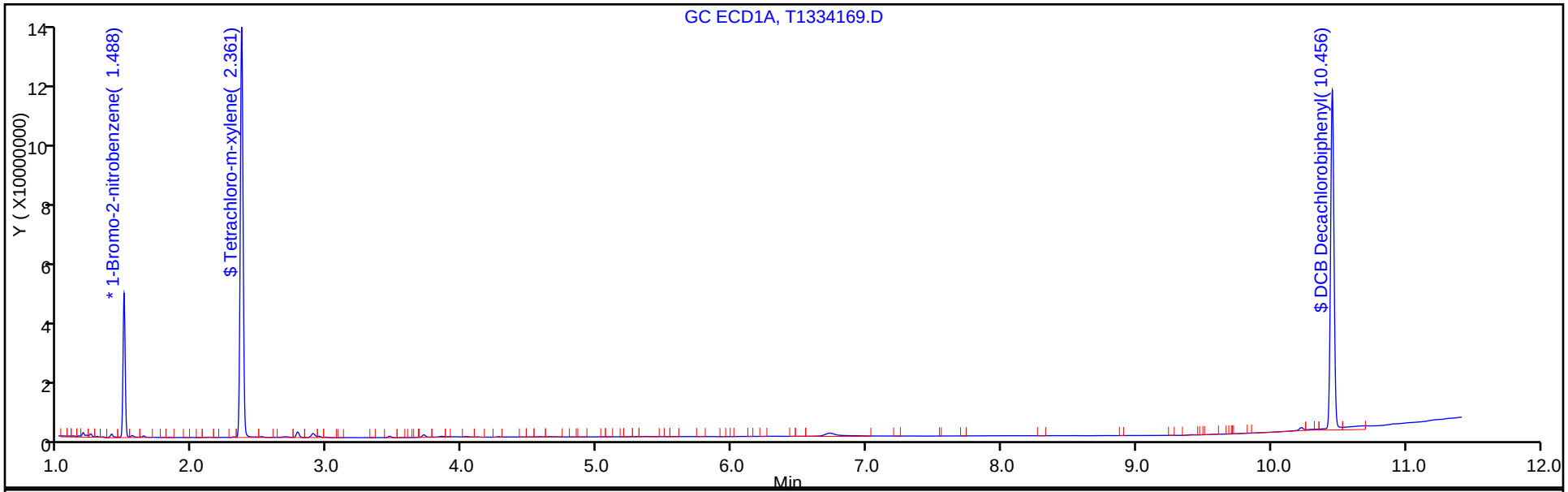
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

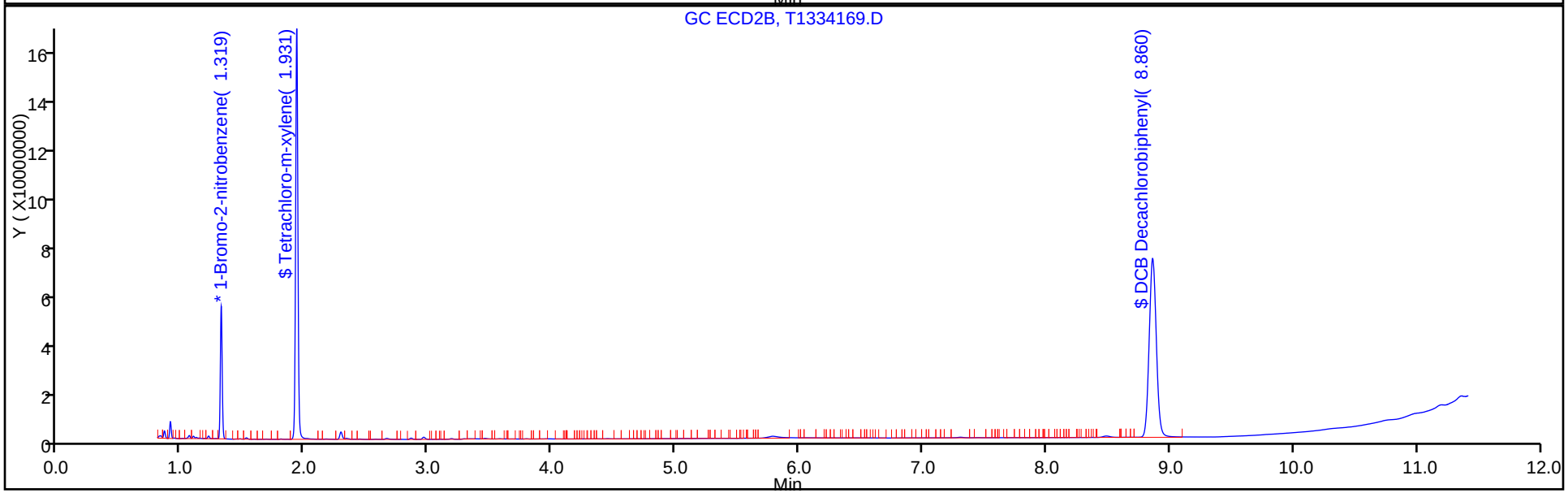
Report Date: 05-Oct-2016 11:10:35 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334169.D

Injection Date:	05-Oct-2016 10:44:34	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	MB 460-394557/1-A			Worklist Smp#:	18
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-394557/2-A

Matrix: Water | Lab File ID: T1334125.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 14:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394836 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*4.00*		*0.40*	*0.098*
11096-82-5	*Aroclor 1260*	*4.30*		*0.40*	*0.084*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334125.D
Lims ID: LCS 460-394557/2-A
Client ID:
Sample Type: LCS
Inject. Date: 04-Oct-2016 14:39:28 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-005
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:06 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:05:26

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.489	1.487	0.002	47553381	20.0	20.0	
2	1.319	1.319	0.000	48895040	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.362	2.360	0.002	174187930	100.0	83.1	
2	1.930	1.930	0.000	194176672	100.0	88.5	
						RPD = 6.25	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	2.924	2.922	0.002	37112556	1000.0	949.4	
1	3.387	3.386	0.001	76064252	1000.0	989.0	
1	3.657	3.655	0.002	33160925	1000.0	990.2	
1	3.904	3.901	0.003	149815061	1000.0	954.6	
1	4.059	4.056	0.003	64526278	1000.0	975.3	
1	4.299	4.297	0.002	35759298	1000.0	1051.3	
1	4.596	4.595	0.001	54217271	1000.0	1026.4	
1	4.734	4.733	0.001	61705040	1000.0	1056.3	
		Average of Peak Amounts =				999.1	
2	2.281	2.280	0.001	41438975	1000.0	1021.5	
2	2.631	2.630	0.001	88579277	1000.0	1117.8	
2	2.829	2.829	0.000	58585288	1000.0	1107.4	
2	3.101	3.100	0.001	178676978	1000.0	1014.8	
2	3.238	3.238	0.000	77777716	1000.0	1069.4	
2	3.301	3.300	0.001	46857215	1000.0	1043.2	
2	3.669	3.670	-0.001	80498972	1000.0	1091.9	
2	3.759	3.760	-0.001	50048948	1000.0	1216.5	
		Average of Peak Amounts =				1085.3	
						RPD = 8.28	
8 PCB-1260							
1	5.892	5.890	0.002	54928146	1000.0	1092.3	
1	6.101	6.098	0.003	114822845	1000.0	1085.7	
1	6.406	6.402	0.004	132015448	1000.0	1068.2	
1	7.093	7.090	0.003	106291328	1000.0	1069.5	
1	7.589	7.584	0.005	118342863	1000.0	1079.9	
1	8.074	8.070	0.004	244150660	1000.0	1061.1	
1	8.794	8.788	0.006	182683305	1000.0	1060.3	
1	9.879	9.876	0.003	69424354	1000.0	1088.9	
		Average of Peak Amounts =				1075.7	
2	4.980	4.980	0.000	123919631	1000.0	1168.0	
2	5.589	5.589	0.000	215375327	1000.0	1175.2	
2	5.730	5.730	0.000	122513121	1000.0	1096.5	
2	6.029	6.029	0.000	126818556	1000.0	1117.8	
2	6.457	6.457	0.000	310423009	1000.0	1234.3	
2	6.864	6.863	0.001	144099563	1000.0	1113.1	
2	7.002	7.002	0.000	88437262	1000.0	1198.3	
2	7.939	7.936	0.003	89147058	1000.0	1227.3	
		Average of Peak Amounts =				1166.3	
						RPD = 8.08	
$ 11 DCB Decachlorobiphenyl							
1	10.459	10.453	0.006	160731493	100.0	94.5	
2	8.863	8.864	-0.001	236199044	100.0	100.4	
						RPD = 6.02	

Reagents:

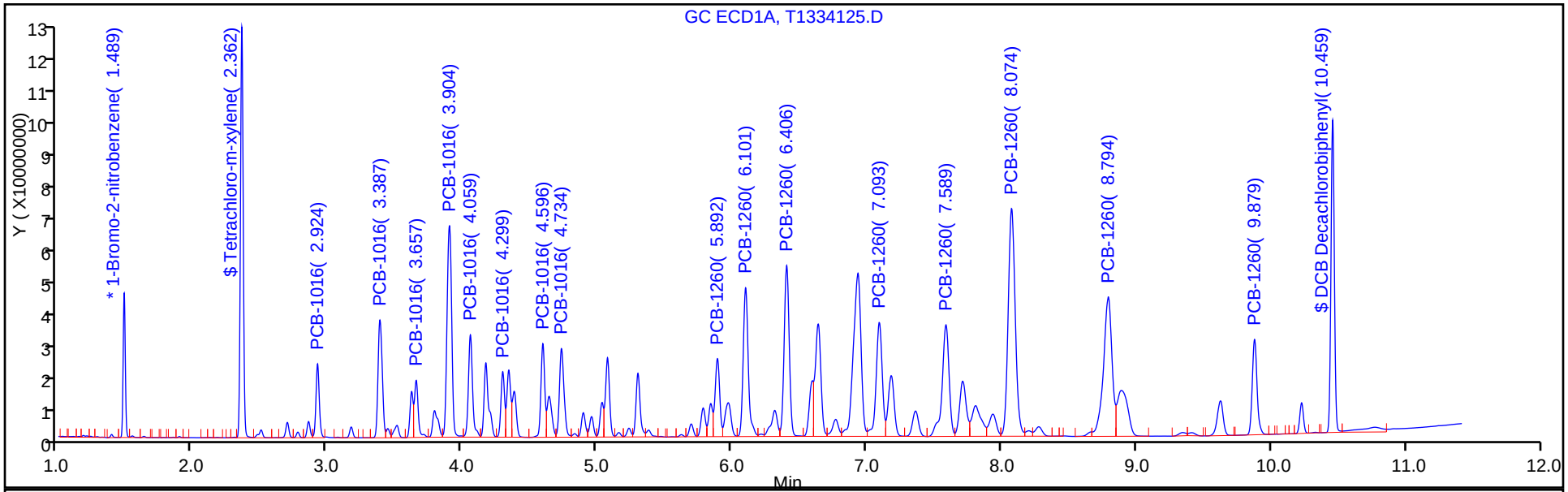
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

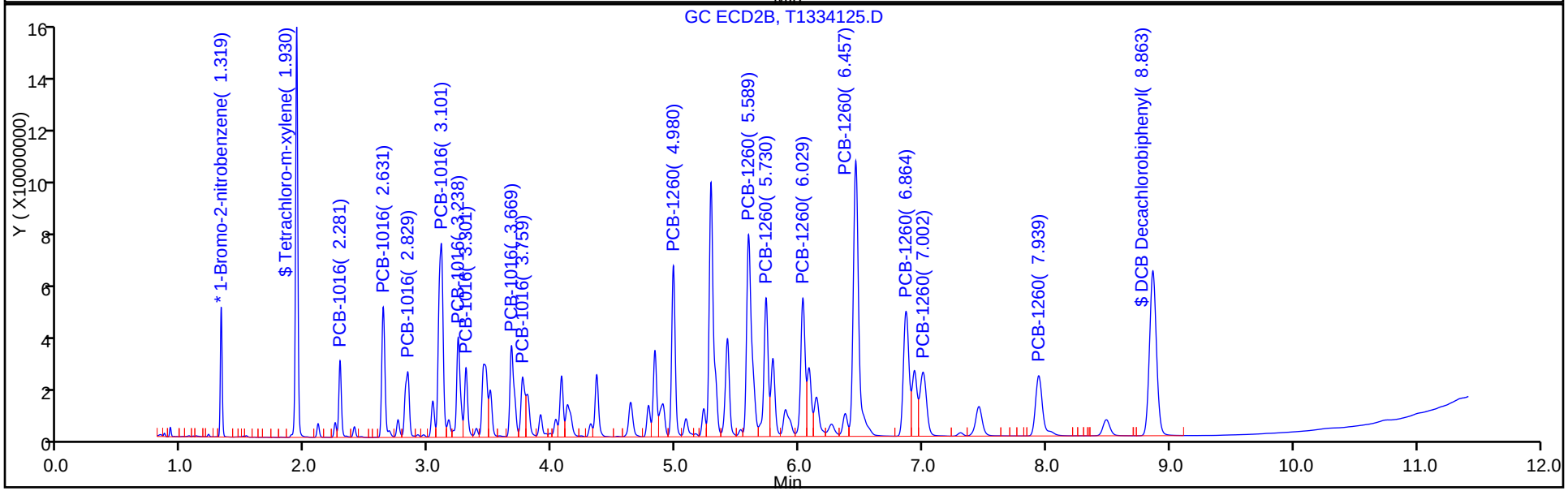
Report Date: 05-Oct-2016 10:43:16 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334125.D

Injection Date:	04-Oct-2016 14:39:28	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCS 460-394557/2-A			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-394557/2-A

Matrix: Water Lab File ID: T1334125.D

Analysis Method: 8082A Date Collected:

Extraction Method: 3510C Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) Date Analyzed: 10/04/2016 14:39

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 394836 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	4.34		0.40	0.098
11096-82-5	Aroclor 1260	4.67		0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334125.D
Lims ID: LCS 460-394557/2-A
Client ID:
Sample Type: LCS
Inject. Date: 04-Oct-2016 14:39:28 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-005
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:06 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:05:26

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.489	1.487	0.002	47553381	20.0	20.0	
2	1.319	1.319	0.000	48895040	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.362	2.360	0.002	174187930	100.0	83.1	
2	1.930	1.930	0.000	194176672	100.0	88.5	
						RPD = 6.25	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	2.924	2.922	0.002	37112556	1000.0	949.4	
1	3.387	3.386	0.001	76064252	1000.0	989.0	
1	3.657	3.655	0.002	33160925	1000.0	990.2	
1	3.904	3.901	0.003	149815061	1000.0	954.6	
1	4.059	4.056	0.003	64526278	1000.0	975.3	
1	4.299	4.297	0.002	35759298	1000.0	1051.3	
1	4.596	4.595	0.001	54217271	1000.0	1026.4	
1	4.734	4.733	0.001	61705040	1000.0	1056.3	
		Average of Peak Amounts =				999.1	
2	2.281	2.280	0.001	41438975	1000.0	1021.5	
2	2.631	2.630	0.001	88579277	1000.0	1117.8	
2	2.829	2.829	0.000	58585288	1000.0	1107.4	
2	3.101	3.100	0.001	178676978	1000.0	1014.8	
2	3.238	3.238	0.000	77777716	1000.0	1069.4	
2	3.301	3.300	0.001	46857215	1000.0	1043.2	
2	3.669	3.670	-0.001	80498972	1000.0	1091.9	
2	3.759	3.760	-0.001	50048948	1000.0	1216.5	
		Average of Peak Amounts =				1085.3	
						RPD = 8.28	
8 PCB-1260							
1	5.892	5.890	0.002	54928146	1000.0	1092.3	
1	6.101	6.098	0.003	114822845	1000.0	1085.7	
1	6.406	6.402	0.004	132015448	1000.0	1068.2	
1	7.093	7.090	0.003	106291328	1000.0	1069.5	
1	7.589	7.584	0.005	118342863	1000.0	1079.9	
1	8.074	8.070	0.004	244150660	1000.0	1061.1	
1	8.794	8.788	0.006	182683305	1000.0	1060.3	
1	9.879	9.876	0.003	69424354	1000.0	1088.9	
		Average of Peak Amounts =				1075.7	
2	4.980	4.980	0.000	123919631	1000.0	1168.0	
2	5.589	5.589	0.000	215375327	1000.0	1175.2	
2	5.730	5.730	0.000	122513121	1000.0	1096.5	
2	6.029	6.029	0.000	126818556	1000.0	1117.8	
2	6.457	6.457	0.000	310423009	1000.0	1234.3	
2	6.864	6.863	0.001	144099563	1000.0	1113.1	
2	7.002	7.002	0.000	88437262	1000.0	1198.3	
2	7.939	7.936	0.003	89147058	1000.0	1227.3	
		Average of Peak Amounts =				1166.3	
						RPD = 8.08	
$ 11 DCB Decachlorobiphenyl							
1	10.459	10.453	0.006	160731493	100.0	94.5	
2	8.863	8.864	-0.001	236199044	100.0	100.4	
						RPD = 6.02	

Reagents:

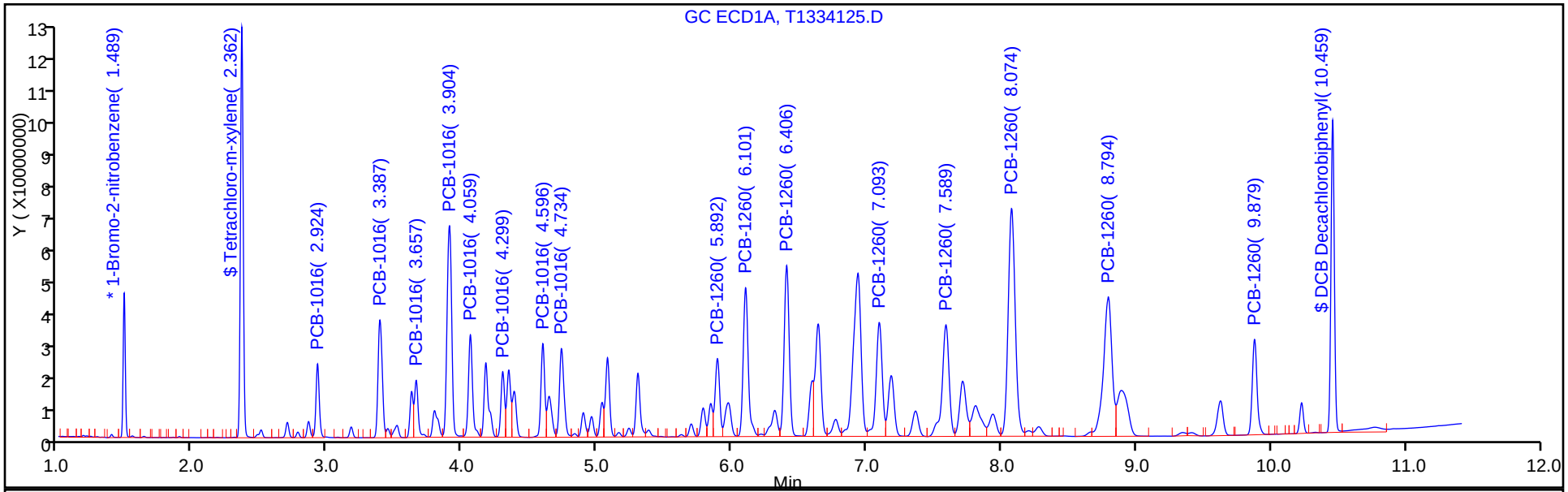
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

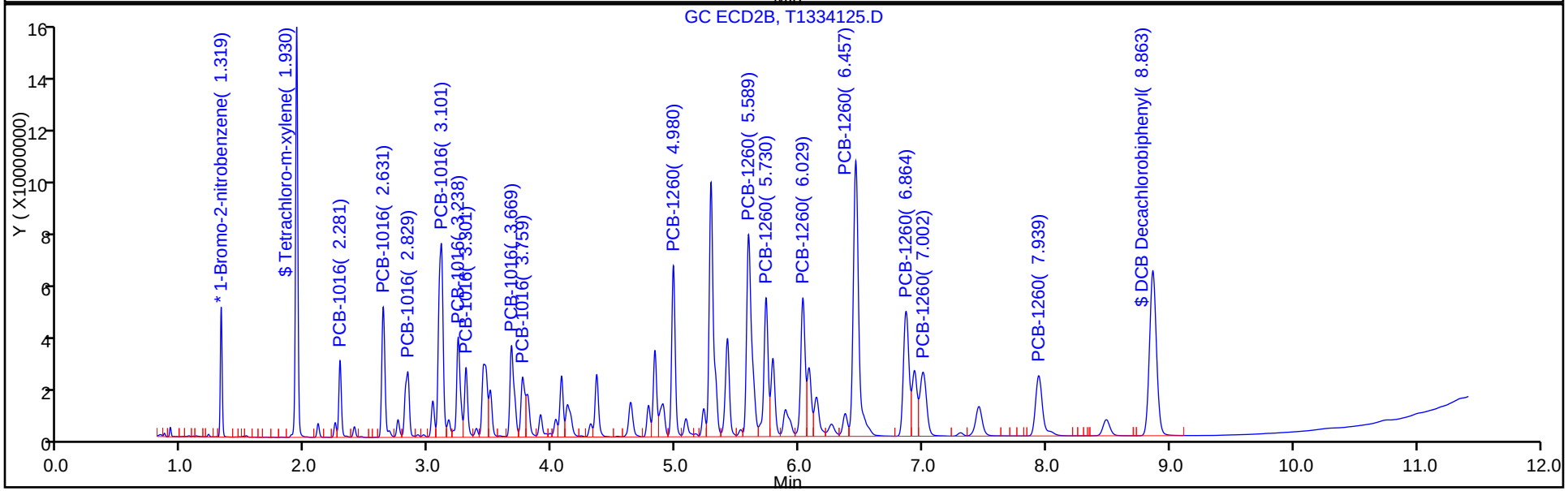
Report Date: 05-Oct-2016 10:43:17 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334125.D

Injection Date:	04-Oct-2016 14:39:28	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCS 460-394557/2-A			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-394557/2-A RA

Matrix: Water | Lab File ID: T1334168.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/05/2016 10:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 395004 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*3.87*		*0.40*	*0.098*
11096-82-5	*Aroclor 1260*	*4.26*		*0.40*	*0.084*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	94		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334168.D
Lims ID: LCS 460-394557/2-A
Client ID:
Sample Type: LCS
Inject. Date: 05-Oct-2016 10:29:44 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-017
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:38 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 11:08:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.488	1.490	-0.002	50896351	20.0	20.0	
2	1.319	1.320	-0.001	53156677	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.361	2.363	-0.002	181506501	100.0	80.9	
2	1.930	1.930	0.000	204788037	100.0	85.8	
						RPD = 5.89	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.923	2.924	-0.001	38874802	1000.0	929.1	
1	3.385	3.388	-0.003	78255770	1000.0	950.7	
1	3.655	3.656	-0.001	33488884	1000.0	934.3	
1	3.903	3.904	-0.001	154656451	1000.0	920.7	
1	4.057	4.060	-0.003	67220246	1000.0	949.2	
1	4.297	4.300	-0.003	37172593	1000.0	1021.1	
1	4.594	4.598	-0.004	56941430	1000.0	1007.2	
1	4.732	4.735	-0.003	64573396	1000.0	1032.8	
		Average of Peak Amounts =				968.1	
2	2.281	2.281	0.000	42652421	1000.0	967.1	
2	2.631	2.630	0.001	90769859	1000.0	1053.6	
2	2.829	2.829	0.000	58773241	1000.0	1021.9	
2	3.100	3.100	0.000	183454946	1000.0	958.4	
2	3.238	3.237	0.001	79319976	1000.0	1003.2	
2	3.301	3.301	0.000	47242452	1000.0	967.4	
2	3.670	3.670	0.000	82578543	1000.0	1030.3	M
2	3.760	3.759	0.001	51707065	1000.0	1156.0	M
		Average of Peak Amounts =				1019.7	
						RPD = 5.19	
8 PCB-1260							
1	5.889	5.895	-0.006	57906658	1000.0	1075.9	
1	6.098	6.102	-0.004	121536814	1000.0	1073.7	
1	6.402	6.408	-0.006	139384332	1000.0	1053.7	
1	7.088	7.096	-0.008	112267269	1000.0	1055.4	
1	7.583	7.590	-0.007	125416608	1000.0	1069.3	
1	8.070	8.077	-0.007	261202092	1000.0	1060.6	
1	8.785	8.795	-0.010	197896278	1000.0	1073.1	
1	9.876	9.880	-0.004	72583383	1000.0	1063.7	
		Average of Peak Amounts =				1065.7	
2	4.980	4.980	0.000	127803698	1000.0	1108.0	
2	5.588	5.590	-0.002	227606808	1000.0	1142.4	
2	5.729	5.731	-0.002	129258146	1000.0	1064.1	
2	6.028	6.029	-0.001	134739746	1000.0	1092.4	
2	6.455	6.456	-0.001	331957877	1000.0	1214.1	
2	6.862	6.865	-0.003	154574156	1000.0	1098.3	
2	6.999	7.002	-0.003	94275632	1000.0	1175.0	
2	7.936	7.937	-0.001	94066446	1000.0	1191.2	
		Average of Peak Amounts =				1135.7	
						RPD = 6.36	
$ 11 DCB Decachlorobiphenyl							
1	10.459	10.460	-0.001	171729771	100.0	94.3	
2	8.860	8.864	-0.004	252407566	100.0	98.7	
						RPD = 4.48	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

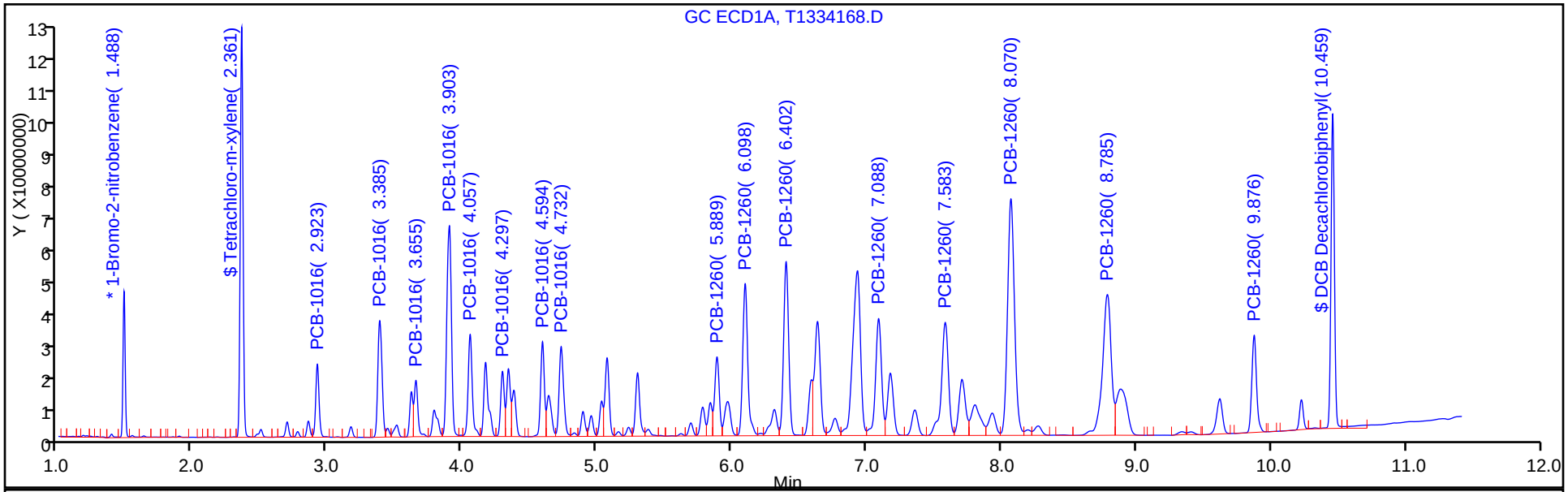
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

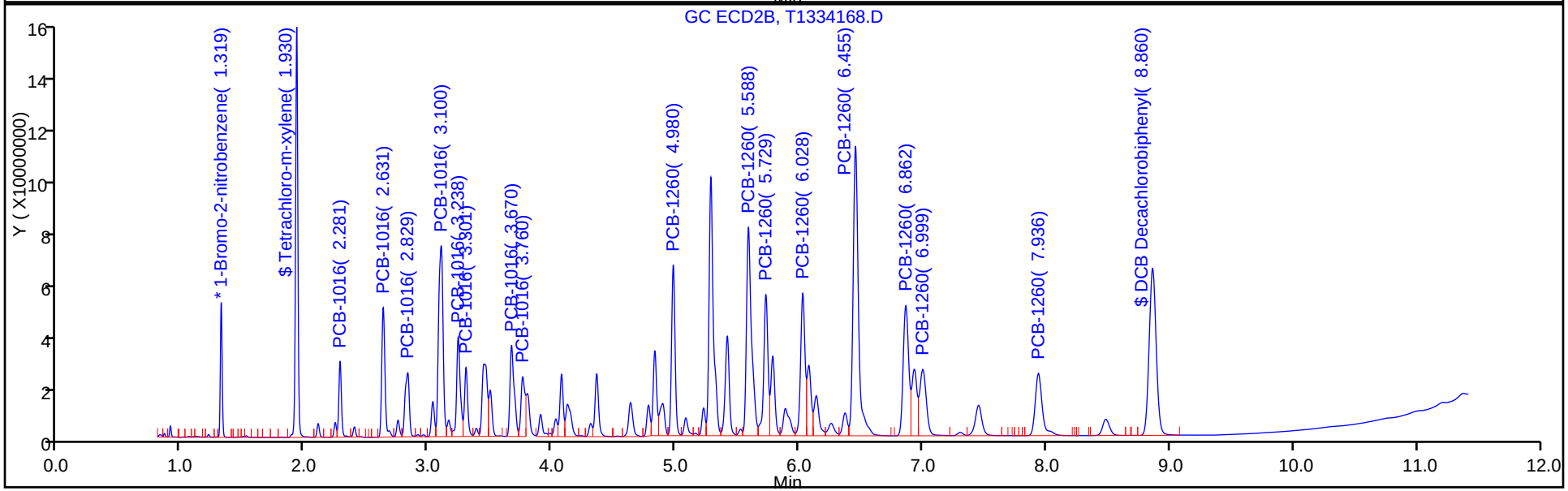
Report Date: 05-Oct-2016 11:10:32 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334168.D

Injection Date:	05-Oct-2016 10:29:44	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCS 460-394557/2-A			Worklist Smp#:	17
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-394557/2-A RA

Matrix: Water | Lab File ID: T1334168.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/05/2016 10:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 395004 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	4.08		0.40	0.098
11096-82-5	Aroclor 1260	4.54		0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334168.D
Lims ID: LCS 460-394557/2-A
Client ID:
Sample Type: LCS
Inject. Date: 05-Oct-2016 10:29:44 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-017
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:38 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 11:08:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.488	1.490	-0.002	50896351	20.0	20.0	
2	1.319	1.320	-0.001	53156677	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.361	2.363	-0.002	181506501	100.0	80.9	
2	1.930	1.930	0.000	204788037	100.0	85.8	
						RPD = 5.89	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.923	2.924	-0.001	38874802	1000.0	929.1	
1	3.385	3.388	-0.003	78255770	1000.0	950.7	
1	3.655	3.656	-0.001	33488884	1000.0	934.3	
1	3.903	3.904	-0.001	154656451	1000.0	920.7	
1	4.057	4.060	-0.003	67220246	1000.0	949.2	
1	4.297	4.300	-0.003	37172593	1000.0	1021.1	
1	4.594	4.598	-0.004	56941430	1000.0	1007.2	
1	4.732	4.735	-0.003	64573396	1000.0	1032.8	
		Average of Peak Amounts =				968.1	
2	2.281	2.281	0.000	42652421	1000.0	967.1	
2	2.631	2.630	0.001	90769859	1000.0	1053.6	
2	2.829	2.829	0.000	58773241	1000.0	1021.9	
2	3.100	3.100	0.000	183454946	1000.0	958.4	
2	3.238	3.237	0.001	79319976	1000.0	1003.2	
2	3.301	3.301	0.000	47242452	1000.0	967.4	
2	3.670	3.670	0.000	82578543	1000.0	1030.3	M
2	3.760	3.759	0.001	51707065	1000.0	1156.0	M
		Average of Peak Amounts =				1019.7	
						RPD = 5.19	
8 PCB-1260							
1	5.889	5.895	-0.006	57906658	1000.0	1075.9	
1	6.098	6.102	-0.004	121536814	1000.0	1073.7	
1	6.402	6.408	-0.006	139384332	1000.0	1053.7	
1	7.088	7.096	-0.008	112267269	1000.0	1055.4	
1	7.583	7.590	-0.007	125416608	1000.0	1069.3	
1	8.070	8.077	-0.007	261202092	1000.0	1060.6	
1	8.785	8.795	-0.010	197896278	1000.0	1073.1	
1	9.876	9.880	-0.004	72583383	1000.0	1063.7	
		Average of Peak Amounts =				1065.7	
2	4.980	4.980	0.000	127803698	1000.0	1108.0	
2	5.588	5.590	-0.002	227606808	1000.0	1142.4	
2	5.729	5.731	-0.002	129258146	1000.0	1064.1	
2	6.028	6.029	-0.001	134739746	1000.0	1092.4	
2	6.455	6.456	-0.001	331957877	1000.0	1214.1	
2	6.862	6.865	-0.003	154574156	1000.0	1098.3	
2	6.999	7.002	-0.003	94275632	1000.0	1175.0	
2	7.936	7.937	-0.001	94066446	1000.0	1191.2	
		Average of Peak Amounts =				1135.7	
						RPD = 6.36	
$ 11 DCB Decachlorobiphenyl							
1	10.459	10.460	-0.001	171729771	100.0	94.3	
2	8.860	8.864	-0.004	252407566	100.0	98.7	
						RPD = 4.48	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

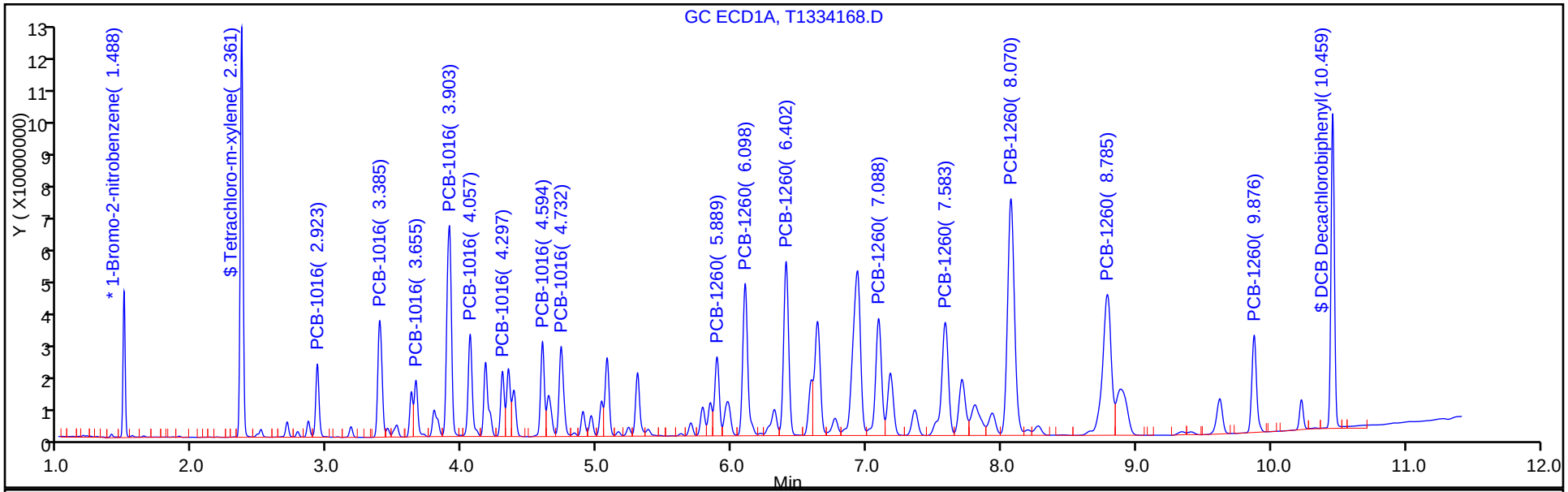
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

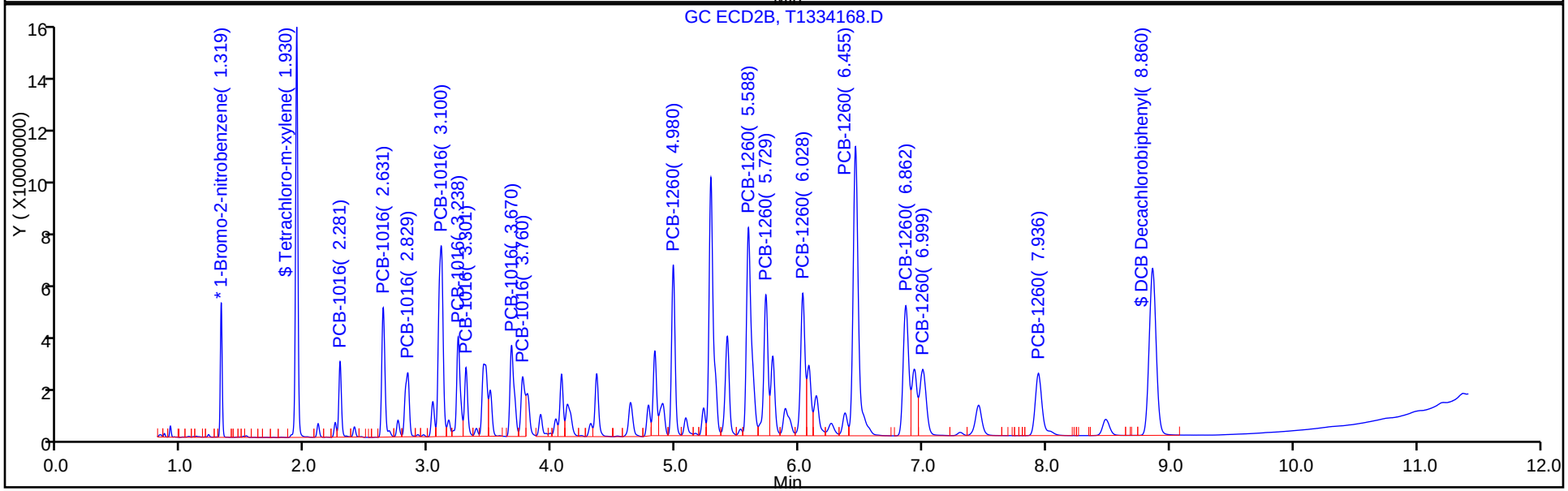
Report Date: 05-Oct-2016 11:10:33 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334168.D

Injection Date:	05-Oct-2016 10:29:44	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCS 460-394557/2-A			Worklist Smp#:	17
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Report Date: 05-Oct-2016 11:10:33 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334168.D

Injection Date: 05-Oct-2016 10:29:44 Instrument ID: CPESTGC11

Lims ID: LCS 460-394557/2-A

Client ID:

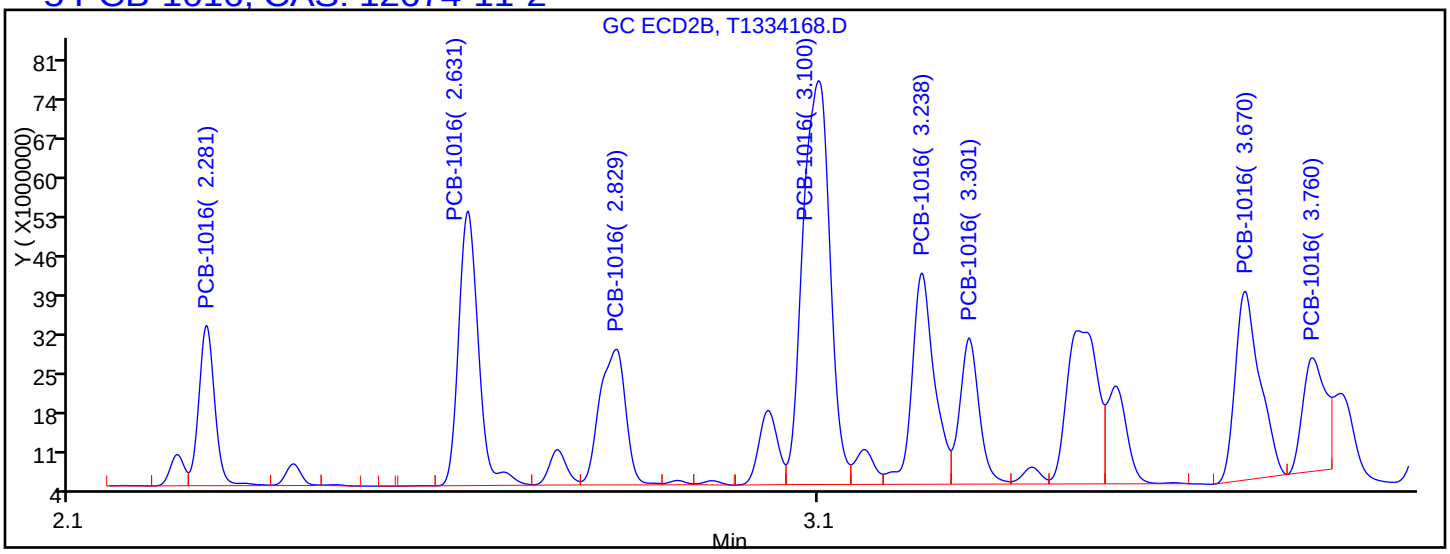
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

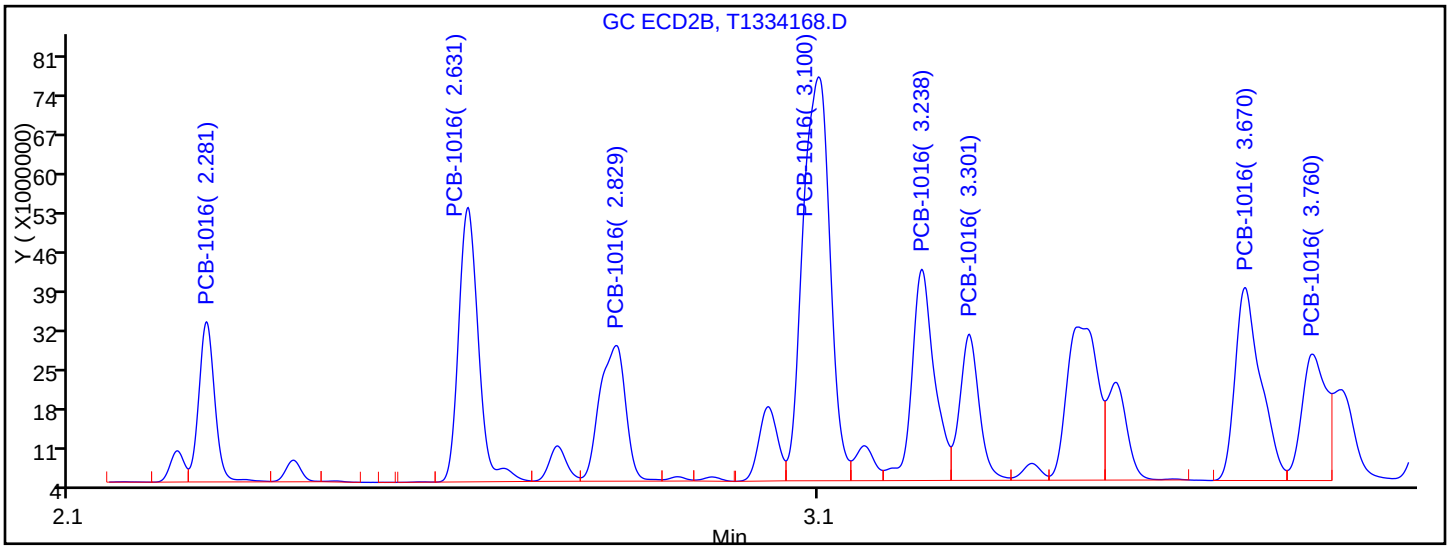
Column: Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.281	Response = 42652421
2.631	Response = 90769859
2.829	Response = 58773241
3.100	Response = 183454946
3.238	Response = 79319976
3.301	Response = 47242452
3.670	Response = 77373622
3.760	Response = 43605490



Manual Integration Results

2.281	Response = 42652421
2.631	Response = 90769859
2.829	Response = 58773241
3.100	Response = 183454946
3.238	Response = 79319976
3.301	Response = 47242452

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-394557/3-A

Matrix: Water | Lab File ID: T1334126.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 14:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394836 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*3.59*		*0.40*	*0.098*
11096-82-5	*Aroclor 1260*	*3.92*		*0.40*	*0.084*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	87		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334126.D
Lims ID: LCSD 460-394557/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 04-Oct-2016 14:54:18 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-006
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:06 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:05:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.488	1.487	0.001	52221709	20.0	20.0	
2	1.319	1.319	0.000	54028787	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.361	2.360	0.001	172965354	100.0	75.1	
2	1.930	1.930	0.000	193966778	100.0	80.0	
						RPD = 6.22	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	2.922	2.922	0.000	36913768	1000.0	859.9	
1	3.386	3.386	0.000	74674348	1000.0	884.1	
1	3.655	3.655	0.000	31680046	1000.0	861.4	
1	3.902	3.901	0.001	147256194	1000.0	854.4	
1	4.056	4.056	0.000	63415568	1000.0	872.8	
1	4.298	4.297	0.001	35755168	1000.0	957.2	
1	4.594	4.595	-0.001	54028949	1000.0	931.4	
1	4.733	4.733	0.000	61185032	1000.0	953.8	
		Average of Peak Amounts =				896.9	
2	2.281	2.280	0.001	41197545	1000.0	919.0	
2	2.631	2.630	0.001	84097079	1000.0	960.4	
2	2.828	2.829	-0.001	57084364	1000.0	976.5	
2	3.101	3.100	0.001	177606992	1000.0	912.9	
2	3.237	3.238	-0.001	77191846	1000.0	960.5	
2	3.301	3.300	0.001	46547232	1000.0	937.8	
2	3.669	3.670	-0.001	79985185	1000.0	981.8	
2	3.759	3.760	-0.001	48991306	1000.0	1077.6	
		Average of Peak Amounts =				965.8	
						RPD = 7.40	
8 PCB-1260							
1	5.891	5.890	0.001	54040145	1000.0	978.6	
1	6.100	6.098	0.002	113958651	1000.0	981.2	
1	6.404	6.402	0.002	131459208	1000.0	968.6	
1	7.092	7.090	0.002	107014528	1000.0	980.5	
1	7.588	7.584	0.004	118686355	1000.0	986.2	
1	8.074	8.070	0.004	246097582	1000.0	973.9	
1	8.791	8.788	0.003	183439772	1000.0	969.5	
1	9.876	9.876	0.000	69616415	1000.0	994.3	
		Average of Peak Amounts =				979.1	
2	4.980	4.980	0.000	124503731	1000.0	1062.0	
2	5.589	5.589	0.000	217874253	1000.0	1075.9	
2	5.731	5.730	0.001	123824275	1000.0	1002.9	
2	6.029	6.029	0.000	127735669	1000.0	1018.9	
2	6.456	6.457	-0.001	313367010	1000.0	1127.6	
2	6.865	6.863	0.002	144107411	1000.0	1007.4	
2	7.001	7.002	-0.001	87429540	1000.0	1072.1	
2	7.938	7.936	0.002	88725853	1000.0	1105.4	
		Average of Peak Amounts =				1059.0	
						RPD = 7.84	
$ 11 DCB Decachlorobiphenyl							
1	10.456	10.453	0.003	162697366	100.0	87.1	
2	8.863	8.864	-0.001	236151165	100.0	90.8	
						RPD = 4.17	

Reagents:

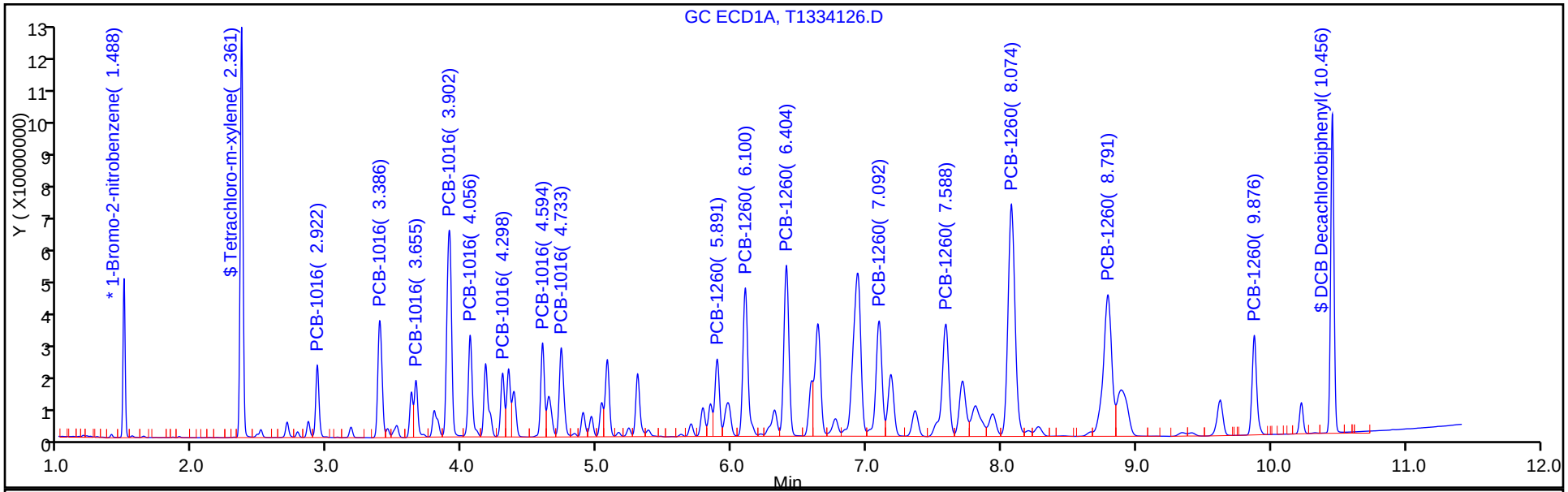
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

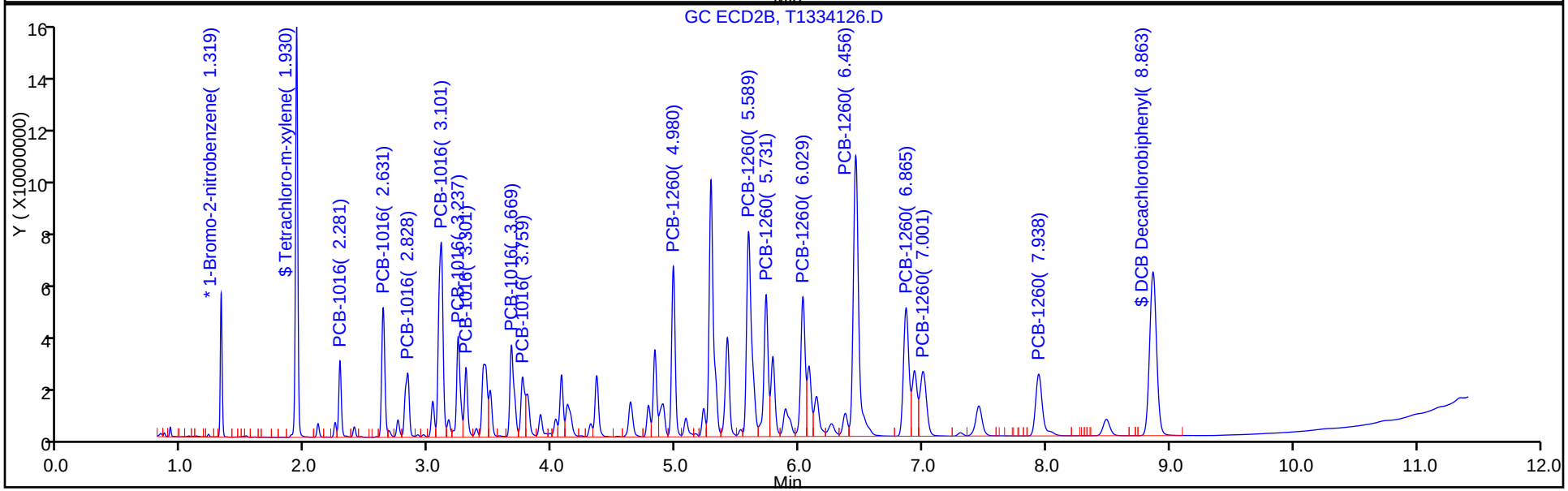
Report Date: 05-Oct-2016 10:43:19 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334126.D

Injection Date:	04-Oct-2016 14:54:18	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCSD 460-394557/3-A			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-394557/3-A

Matrix: Water | Lab File ID: T1334126.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 14:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394836 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	3.86		0.40	0.098
11096-82-5	Aroclor 1260	4.24		0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	91		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334126.D
Lims ID: LCSD 460-394557/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 04-Oct-2016 14:54:18 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-006
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:06 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:05:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.488	1.487	0.001	52221709	20.0	20.0	
2	1.319	1.319	0.000	54028787	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.361	2.360	0.001	172965354	100.0	75.1	
2	1.930	1.930	0.000	193966778	100.0	80.0	
						RPD = 6.22	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	2.922	2.922	0.000	36913768	1000.0	859.9	
1	3.386	3.386	0.000	74674348	1000.0	884.1	
1	3.655	3.655	0.000	31680046	1000.0	861.4	
1	3.902	3.901	0.001	147256194	1000.0	854.4	
1	4.056	4.056	0.000	63415568	1000.0	872.8	
1	4.298	4.297	0.001	35755168	1000.0	957.2	
1	4.594	4.595	-0.001	54028949	1000.0	931.4	
1	4.733	4.733	0.000	61185032	1000.0	953.8	
		Average of Peak Amounts =				896.9	
2	2.281	2.280	0.001	41197545	1000.0	919.0	
2	2.631	2.630	0.001	84097079	1000.0	960.4	
2	2.828	2.829	-0.001	57084364	1000.0	976.5	
2	3.101	3.100	0.001	177606992	1000.0	912.9	
2	3.237	3.238	-0.001	77191846	1000.0	960.5	
2	3.301	3.300	0.001	46547232	1000.0	937.8	
2	3.669	3.670	-0.001	79985185	1000.0	981.8	
2	3.759	3.760	-0.001	48991306	1000.0	1077.6	
		Average of Peak Amounts =				965.8	
						RPD = 7.40	
8 PCB-1260							
1	5.891	5.890	0.001	54040145	1000.0	978.6	
1	6.100	6.098	0.002	113958651	1000.0	981.2	
1	6.404	6.402	0.002	131459208	1000.0	968.6	
1	7.092	7.090	0.002	107014528	1000.0	980.5	
1	7.588	7.584	0.004	118686355	1000.0	986.2	
1	8.074	8.070	0.004	246097582	1000.0	973.9	
1	8.791	8.788	0.003	183439772	1000.0	969.5	
1	9.876	9.876	0.000	69616415	1000.0	994.3	
		Average of Peak Amounts =				979.1	
2	4.980	4.980	0.000	124503731	1000.0	1062.0	
2	5.589	5.589	0.000	217874253	1000.0	1075.9	
2	5.731	5.730	0.001	123824275	1000.0	1002.9	
2	6.029	6.029	0.000	127735669	1000.0	1018.9	
2	6.456	6.457	-0.001	313367010	1000.0	1127.6	
2	6.865	6.863	0.002	144107411	1000.0	1007.4	
2	7.001	7.002	-0.001	87429540	1000.0	1072.1	
2	7.938	7.936	0.002	88725853	1000.0	1105.4	
		Average of Peak Amounts =				1059.0	
						RPD = 7.84	
$ 11 DCB Decachlorobiphenyl							
1	10.456	10.453	0.003	162697366	100.0	87.1	
2	8.863	8.864	-0.001	236151165	100.0	90.8	
						RPD = 4.17	

Reagents:

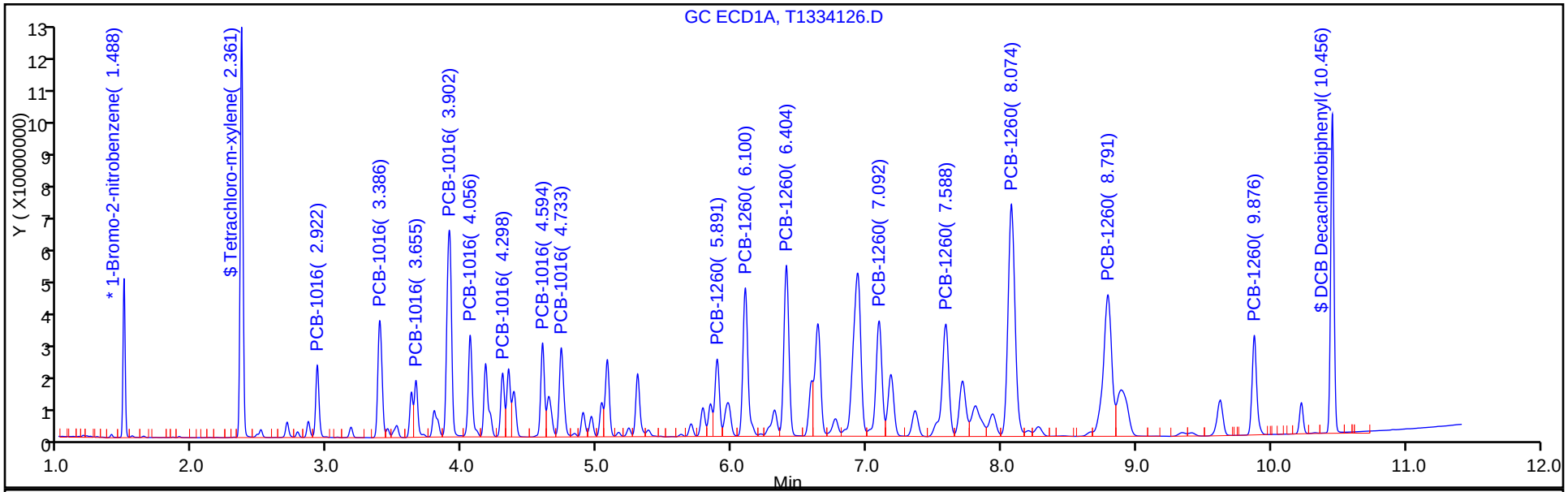
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

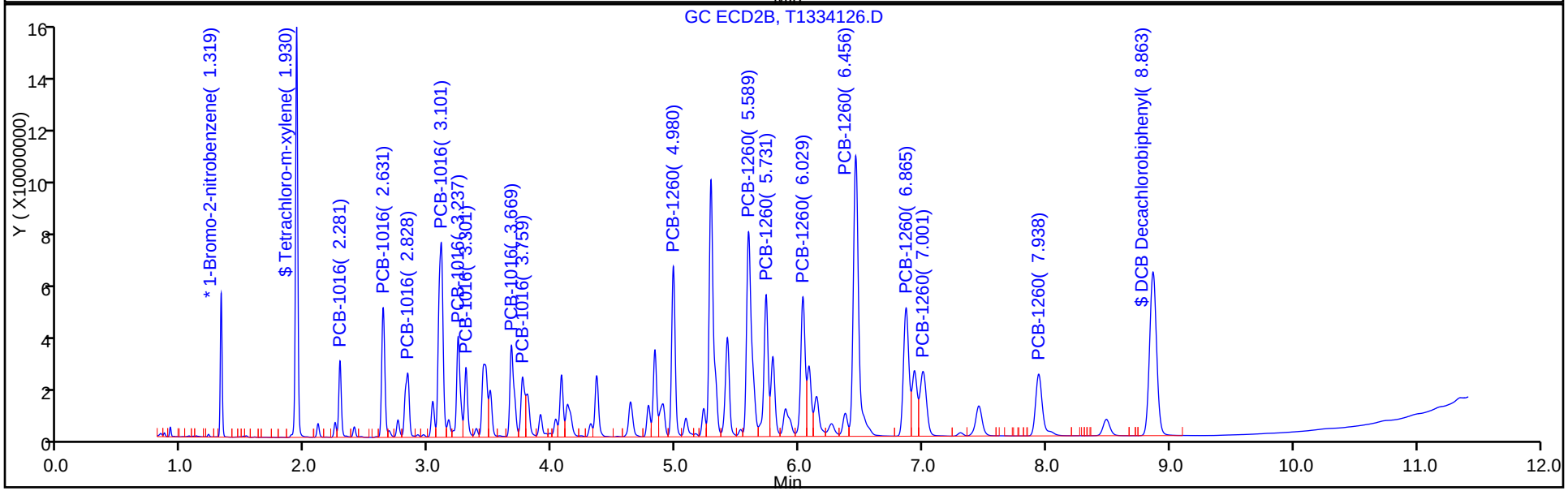
Report Date: 05-Oct-2016 10:43:20 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334126.D

Injection Date:	04-Oct-2016 14:54:18	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCSD 460-394557/3-A			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-394557/3-A RA

Matrix: Water | Lab File ID: T1334165.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/05/2016 09:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 395004 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*3.57*		*0.40*	*0.098*
11096-82-5	*Aroclor 1260*	*3.78*		*0.40*	*0.084*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334165.D
Lims ID: LCSD 460-394557/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 05-Oct-2016 09:43:10 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-014
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:38 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.488	1.490	-0.002	54329502	20.0	20.0	
2	1.319	1.320	-0.001	56446780	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.360	2.363	-0.003	179408915	100.0	74.9	
2	1.930	1.930	0.000	202071220	100.0	79.7	
						RPD = 6.24	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	2.922	2.924	-0.002	38507739	1000.0	862.2	
1	3.385	3.388	-0.003	77509743	1000.0	882.1	
1	3.654	3.656	-0.002	33740866	1000.0	881.9	
1	3.901	3.904	-0.003	153558503	1000.0	856.4	
1	4.056	4.060	-0.004	66662982	1000.0	881.9	
1	4.297	4.300	-0.003	36780441	1000.0	946.5	
1	4.594	4.598	-0.004	54697658	1000.0	906.3	
1	4.732	4.735	-0.003	61409782	1000.0	920.2	
		Average of Peak Amounts =				892.2	
2	2.281	2.281	0.000	41849693	1000.0	893.6	
2	2.629	2.630	-0.001	86558599	1000.0	946.2	
2	2.829	2.829	0.000	58059078	1000.0	950.6	
2	3.099	3.100	-0.001	181586394	1000.0	893.3	
2	3.237	3.237	0.000	77632606	1000.0	924.6	
2	3.300	3.301	-0.001	46254055	1000.0	892.0	
2	3.669	3.670	-0.001	80511934	1000.0	945.9	
2	3.759	3.759	0.000	51703702	1000.0	1088.6	
		Average of Peak Amounts =				941.9	
						RPD = 5.42	
8 PCB-1260							
1	5.889	5.895	-0.006	54719222	1000.0	952.5	
1	6.097	6.102	-0.005	114795056	1000.0	950.1	
1	6.401	6.408	-0.007	133270139	1000.0	943.8	
1	7.089	7.096	-0.007	107972671	1000.0	950.9	
1	7.582	7.590	-0.008	119232911	1000.0	952.3	
1	8.071	8.077	-0.006	248576380	1000.0	945.6	
1	8.784	8.795	-0.011	183325212	1000.0	931.3	
1	9.874	9.880	-0.006	67580607	1000.0	927.8	
		Average of Peak Amounts =				944.3	
2	4.979	4.980	-0.001	121753426	1000.0	994.1	
2	5.588	5.590	-0.002	218518622	1000.0	1032.8	
2	5.729	5.731	-0.002	124318790	1000.0	963.8	
2	6.027	6.029	-0.002	129688470	1000.0	990.2	
2	6.454	6.456	-0.002	316957800	1000.0	1091.7	
2	6.860	6.865	-0.005	147916893	1000.0	989.7	
2	6.999	7.002	-0.003	85937453	1000.0	1008.7	
2	7.934	7.937	-0.003	84050678	1000.0	1002.3	
		Average of Peak Amounts =				1009.2	
						RPD = 6.64	
$ 11 DCB Decachlorobiphenyl							
1	10.457	10.460	-0.003	165281780	100.0	85.1	
2	8.859	8.864	-0.005	237875879	100.0	87.6	
						RPD = 2.90	

Reagents:

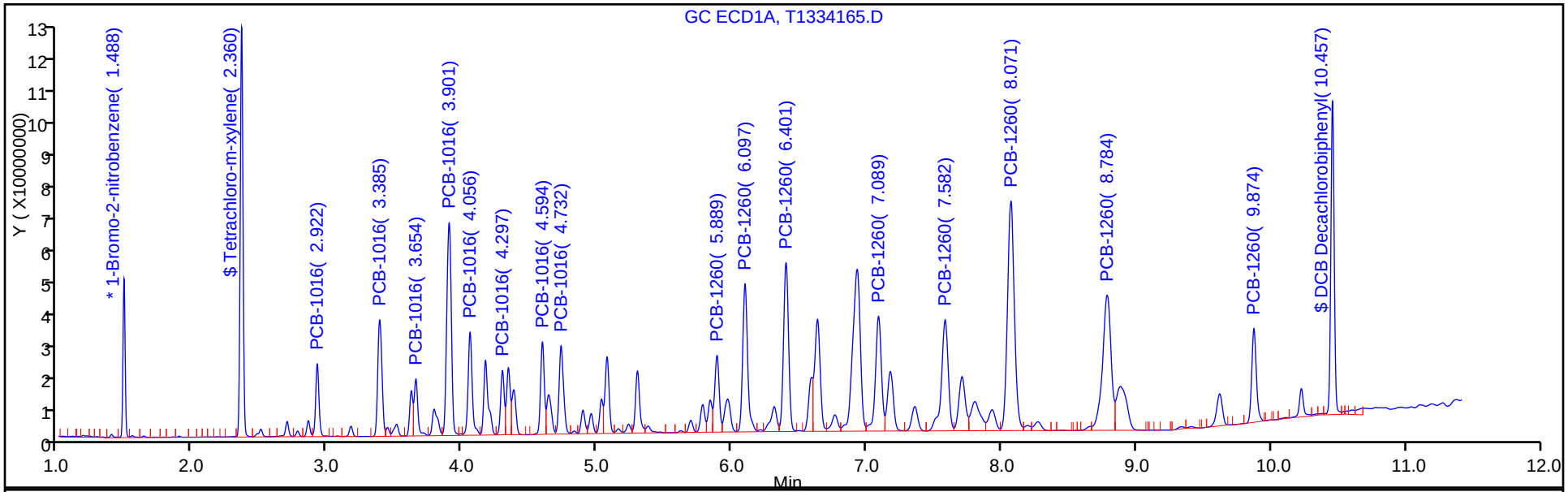
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

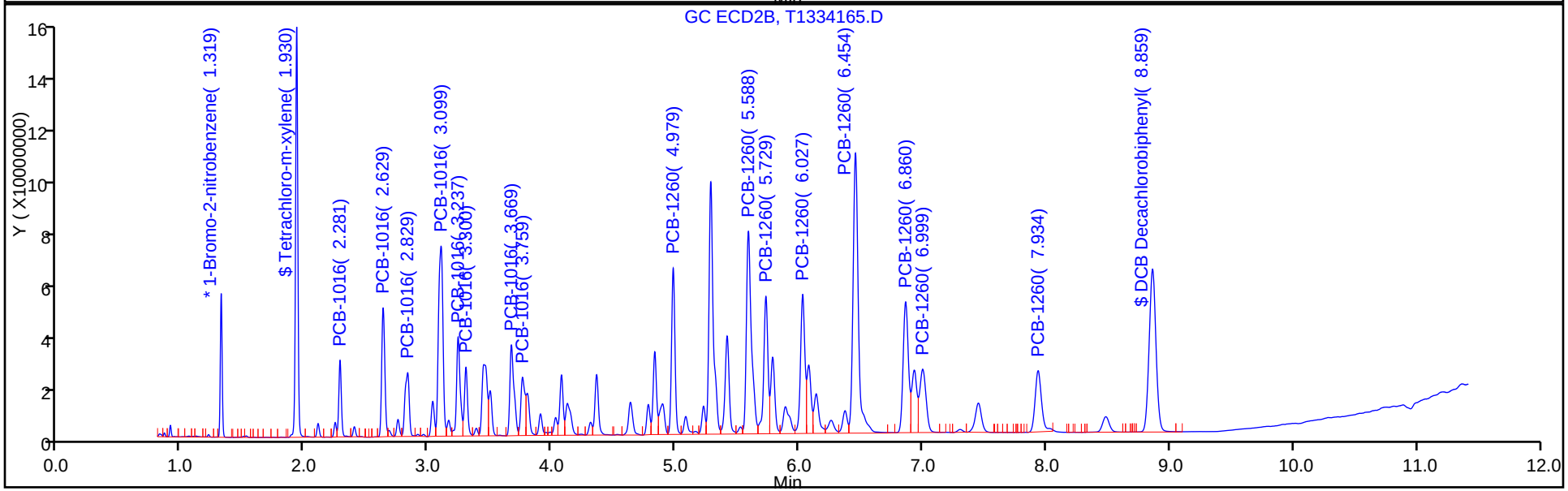
Report Date: 05-Oct-2016 11:10:22 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334165.D

Injection Date:	05-Oct-2016 09:43:10	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCSD 460-394557/3-A			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121167-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-394557/3-A RA

Matrix: Water | Lab File ID: T1334165.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/05/2016 09:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 395004 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	3.77		0.40	0.098
11096-82-5	Aroclor 1260	4.04		0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334165.D
Lims ID: LCSD 460-394557/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 05-Oct-2016 09:43:10 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-014
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:38 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.488	1.490	-0.002	54329502	20.0	20.0	
2	1.319	1.320	-0.001	56446780	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.360	2.363	-0.003	179408915	100.0	74.9	
2	1.930	1.930	0.000	202071220	100.0	79.7	
						RPD = 6.24	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	2.922	2.924	-0.002	38507739	1000.0	862.2	
1	3.385	3.388	-0.003	77509743	1000.0	882.1	
1	3.654	3.656	-0.002	33740866	1000.0	881.9	
1	3.901	3.904	-0.003	153558503	1000.0	856.4	
1	4.056	4.060	-0.004	66662982	1000.0	881.9	
1	4.297	4.300	-0.003	36780441	1000.0	946.5	
1	4.594	4.598	-0.004	54697658	1000.0	906.3	
1	4.732	4.735	-0.003	61409782	1000.0	920.2	
		Average of Peak Amounts =				892.2	
2	2.281	2.281	0.000	41849693	1000.0	893.6	
2	2.629	2.630	-0.001	86558599	1000.0	946.2	
2	2.829	2.829	0.000	58059078	1000.0	950.6	
2	3.099	3.100	-0.001	181586394	1000.0	893.3	
2	3.237	3.237	0.000	77632606	1000.0	924.6	
2	3.300	3.301	-0.001	46254055	1000.0	892.0	
2	3.669	3.670	-0.001	80511934	1000.0	945.9	
2	3.759	3.759	0.000	51703702	1000.0	1088.6	
		Average of Peak Amounts =				941.9	
						RPD = 5.42	
8 PCB-1260							
1	5.889	5.895	-0.006	54719222	1000.0	952.5	
1	6.097	6.102	-0.005	114795056	1000.0	950.1	
1	6.401	6.408	-0.007	133270139	1000.0	943.8	
1	7.089	7.096	-0.007	107972671	1000.0	950.9	
1	7.582	7.590	-0.008	119232911	1000.0	952.3	
1	8.071	8.077	-0.006	248576380	1000.0	945.6	
1	8.784	8.795	-0.011	183325212	1000.0	931.3	
1	9.874	9.880	-0.006	67580607	1000.0	927.8	
		Average of Peak Amounts =				944.3	
2	4.979	4.980	-0.001	121753426	1000.0	994.1	
2	5.588	5.590	-0.002	218518622	1000.0	1032.8	
2	5.729	5.731	-0.002	124318790	1000.0	963.8	
2	6.027	6.029	-0.002	129688470	1000.0	990.2	
2	6.454	6.456	-0.002	316957800	1000.0	1091.7	
2	6.860	6.865	-0.005	147916893	1000.0	989.7	
2	6.999	7.002	-0.003	85937453	1000.0	1008.7	
2	7.934	7.937	-0.003	84050678	1000.0	1002.3	
		Average of Peak Amounts =				1009.2	
						RPD = 6.64	
$ 11 DCB Decachlorobiphenyl							
1	10.457	10.460	-0.003	165281780	100.0	85.1	
2	8.859	8.864	-0.005	237875879	100.0	87.6	
						RPD = 2.90	

Reagents:

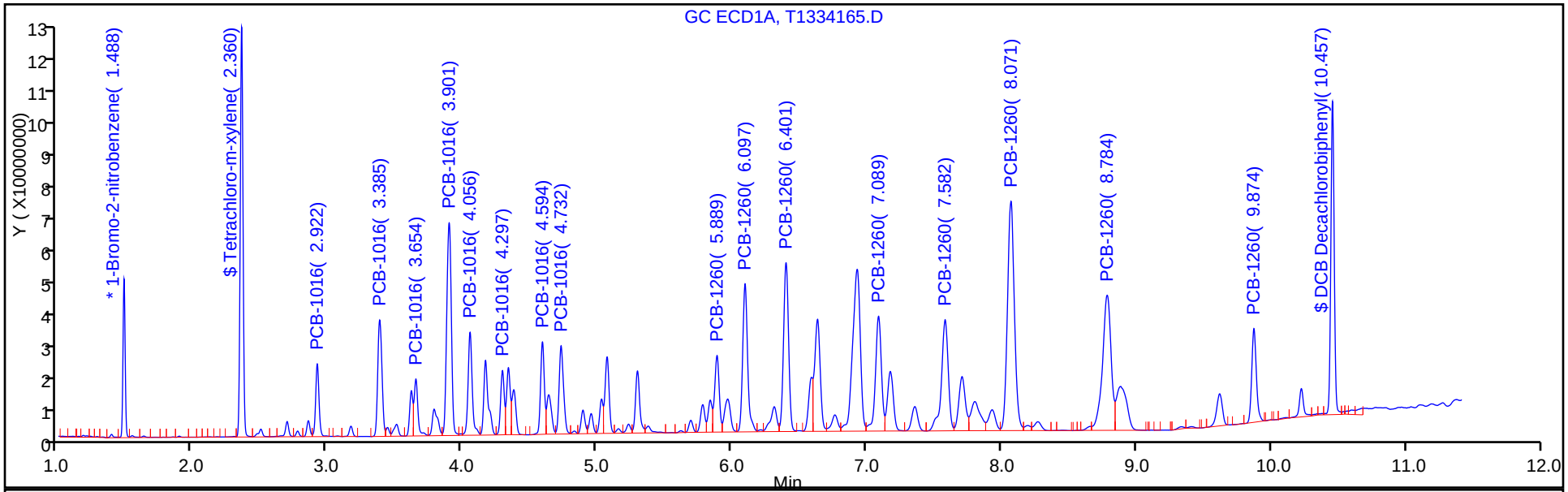
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

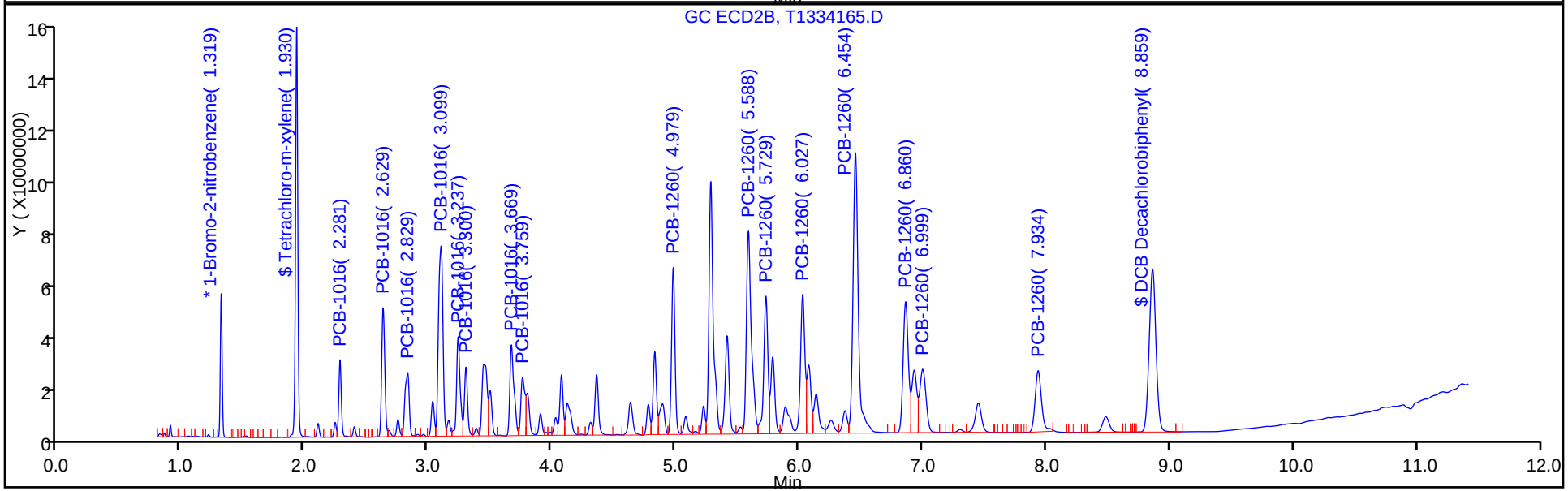
Report Date: 05-Oct-2016 11:10:23 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334165.D

Injection Date:	05-Oct-2016 09:43:10	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCSD 460-394557/3-A			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Instrument ID: CPESTGC11 Start Date: 06/17/2016 16:35

Analysis Batch Number: 374290 End Date: 06/17/2016 19:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		06/17/2016 16:35	1		CLP-2 0.53(mm)
ZZZZZ		06/17/2016 16:35	1		CLP-1 0.53(mm)
IC 460-374290/2		06/17/2016 16:49	1	T1329657.D	CLP-2 0.53(mm)
IC 460-374290/2		06/17/2016 16:49	1	T1329657.D	CLP-1 0.53(mm)
IC 460-374290/3		06/17/2016 17:04	1	T1329658.D	CLP-2 0.53(mm)
IC 460-374290/3		06/17/2016 17:04	1	T1329658.D	CLP-1 0.53(mm)
IC 460-374290/4 ICRT		06/17/2016 17:18	1	T1329659.D	CLP-2 0.53(mm)
IC 460-374290/4 ICRT		06/17/2016 17:18	1	T1329659.D	CLP-1 0.53(mm)
IC 460-374290/5		06/17/2016 17:33	1	T1329660.D	CLP-2 0.53(mm)
IC 460-374290/5		06/17/2016 17:33	1	T1329660.D	CLP-1 0.53(mm)
IC 460-374290/6		06/17/2016 17:47	1	T1329661.D	CLP-2 0.53(mm)
IC 460-374290/6		06/17/2016 17:47	1	T1329661.D	CLP-1 0.53(mm)
ICV 460-374290/7		06/17/2016 18:02	1	T1329662.D	CLP-2 0.53(mm)
ICV 460-374290/7		06/17/2016 18:02	1	T1329662.D	CLP-1 0.53(mm)
IC 460-374290/8		06/17/2016 18:16	1	T1329663.D	CLP-2 0.53(mm)
IC 460-374290/8		06/17/2016 18:16	1	T1329663.D	CLP-1 0.53(mm)
IC 460-374290/9		06/17/2016 18:31	1	T1329664.D	CLP-2 0.53(mm)
IC 460-374290/9		06/17/2016 18:31	1	T1329664.D	CLP-1 0.53(mm)
IC 460-374290/10		06/17/2016 18:45	1	T1329665.D	CLP-2 0.53(mm)
IC 460-374290/10		06/17/2016 18:45	1	T1329665.D	CLP-1 0.53(mm)
IC 460-374290/11		06/17/2016 19:00	1	T1329666.D	CLP-2 0.53(mm)
IC 460-374290/11		06/17/2016 19:00	1	T1329666.D	CLP-1 0.53(mm)
IC 460-374290/12		06/17/2016 19:14	1	T1329667.D	CLP-2 0.53(mm)
IC 460-374290/12		06/17/2016 19:14	1	T1329667.D	CLP-1 0.53(mm)
IC 460-374290/13		06/17/2016 19:29	1	T1329668.D	CLP-2 0.53(mm)
IC 460-374290/13		06/17/2016 19:29	1	T1329668.D	CLP-1 0.53(mm)
IC 460-374290/14		06/17/2016 19:43	1	T1329669.D	CLP-2 0.53(mm)
IC 460-374290/14		06/17/2016 19:43	1	T1329669.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Instrument ID: CPESTGC11 Start Date: 10/04/2016 13:09

Analysis Batch Number: 394836 End Date: 10/04/2016 21:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/04/2016 13:09	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 13:09	1		Rtx-CLP 0.53(mm)
CCVIS 460-394836/2		10/04/2016 13:23	1	T1334122.D	CLP-2 0.53(mm)
CCVIS 460-394836/2		10/04/2016 13:23	1	T1334122.D	Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 13:41	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 13:41	1		Rtx-CLP 0.53(mm)
MB 460-394557/1-A		10/04/2016 14:24	1	T1334124.D	CLP-2 0.53(mm)
MB 460-394557/1-A		10/04/2016 14:24	1	T1334124.D	Rtx-CLP 0.53(mm)
LCS 460-394557/2-A		10/04/2016 14:39	1	T1334125.D	CLP-2 0.53(mm)
LCS 460-394557/2-A		10/04/2016 14:39	1	T1334125.D	Rtx-CLP 0.53(mm)
LCSD 460-394557/3-A		10/04/2016 14:54	1	T1334126.D	CLP-2 0.53(mm)
LCSD 460-394557/3-A		10/04/2016 14:54	1	T1334126.D	Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 15:17	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 15:17	1		Rtx-CLP 0.53(mm)
CCV 460-394836/8		10/04/2016 15:32	1	T1334128.D	CLP-2 0.53(mm)
CCV 460-394836/8		10/04/2016 15:32	1	T1334128.D	Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 15:46	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 15:46	1		Rtx-CLP 0.53(mm)
460-121167-1		10/04/2016 16:01	1	T1334130.D	CLP-2 0.53(mm)
460-121167-1		10/04/2016 16:01	1	T1334130.D	Rtx-CLP 0.53(mm)
460-121167-2		10/04/2016 16:16	1	T1334131.D	CLP-2 0.53(mm)
460-121167-2		10/04/2016 16:16	1	T1334131.D	Rtx-CLP 0.53(mm)
460-121167-3		10/04/2016 16:31	1	T1334132.D	CLP-2 0.53(mm)
460-121167-3		10/04/2016 16:31	1	T1334132.D	Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 16:46	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 16:46	1		Rtx-CLP 0.53(mm)
460-121167-5		10/04/2016 17:00	1	T1334134.D	CLP-2 0.53(mm)
460-121167-5		10/04/2016 17:00	1	T1334134.D	Rtx-CLP 0.53(mm)
460-121167-6		10/04/2016 17:15	1	T1334135.D	CLP-2 0.53(mm)
460-121167-6		10/04/2016 17:15	1	T1334135.D	Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 17:30	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 17:30	1		Rtx-CLP 0.53(mm)
460-121167-8		10/04/2016 17:45	1	T1334137.D	CLP-2 0.53(mm)
460-121167-8		10/04/2016 17:45	1	T1334137.D	Rtx-CLP 0.53(mm)
460-121167-9		10/04/2016 18:00	1	T1334138.D	CLP-2 0.53(mm)
460-121167-9		10/04/2016 18:00	1	T1334138.D	Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 18:15	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 18:15	1		Rtx-CLP 0.53(mm)
460-121167-11		10/04/2016 18:30	1	T1334140.D	CLP-2 0.53(mm)
460-121167-11		10/04/2016 18:30	1	T1334140.D	Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 18:44	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 18:44	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 18:59	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 18:59	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 19:14	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Instrument ID: CPESTGC11 Start Date: 10/04/2016 13:09

Analysis Batch Number: 394836 End Date: 10/04/2016 21:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/04/2016 19:14	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 19:29	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 19:29	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 19:44	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 19:44	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 19:58	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 19:58	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 20:13	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 20:13	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 20:28	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 20:28	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 20:43	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 20:43	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 20:58	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 20:58	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 21:13	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 21:13	1		Rtx-CLP 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Instrument ID: CPESTGC11 Start Date: 10/05/2016 06:22

Analysis Batch Number: 395004 End Date: 10/05/2016 13:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/05/2016 06:22	1		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 06:22	1		Rtx-CLP 0.53(mm)
CCVIS 460-395004/2		10/05/2016 06:37	1	T1334153.D	CLP-2 0.53(mm)
CCVIS 460-395004/2		10/05/2016 06:37	1	T1334153.D	Rtx-CLP 0.53(mm)
CCV 460-395004/3		10/05/2016 06:58	1	T1334154.D	CLP-2 0.53(mm)
CCV 460-395004/3		10/05/2016 06:58	1	T1334154.D	Rtx-CLP 0.53(mm)
CCV 460-395004/4		10/05/2016 07:14	1		CLP-2 0.53(mm)
CCV 460-395004/4		10/05/2016 07:14	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 07:29	1		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 07:29	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 07:44	1		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 07:44	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 07:59	1		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 07:59	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 08:14	1		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 08:14	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 08:28	1		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 08:28	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 08:43	1		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 08:43	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 08:58	5		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 08:58	5		Rtx-CLP 0.53(mm)
460-121167-7		10/05/2016 09:13	1	T1334163.D	CLP-2 0.53(mm)
460-121167-7		10/05/2016 09:13	1	T1334163.D	Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 09:28	1		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 09:28	1		Rtx-CLP 0.53(mm)
LCSD 460-394557/3-A RA		10/05/2016 09:43	1	T1334165.D	CLP-2 0.53(mm)
LCSD 460-394557/3-A RA		10/05/2016 09:43	1	T1334165.D	Rtx-CLP 0.53(mm)
460-121167-4 DL		10/05/2016 10:00	10	T1334166.D	CLP-2 0.53(mm)
460-121167-4 DL		10/05/2016 10:00	10	T1334166.D	Rtx-CLP 0.53(mm)
460-121167-10		10/05/2016 10:14	1	T1334167.D	CLP-2 0.53(mm)
460-121167-10		10/05/2016 10:14	1	T1334167.D	Rtx-CLP 0.53(mm)
LCS 460-394557/2-A RA		10/05/2016 10:29	1	T1334168.D	CLP-2 0.53(mm)
LCS 460-394557/2-A RA		10/05/2016 10:29	1	T1334168.D	Rtx-CLP 0.53(mm)
MB 460-394557/1-A RA		10/05/2016 10:44	1	T1334169.D	CLP-2 0.53(mm)
MB 460-394557/1-A RA		10/05/2016 10:44	1	T1334169.D	Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 11:08	1		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 11:08	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 11:23	1		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 11:23	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 11:43	5		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 11:43	5		Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 11:58	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Instrument ID: CPESTGC11 Start Date: 10/05/2016 06:22

Analysis Batch Number: 395004 End Date: 10/05/2016 13:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/05/2016 11:58	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 12:47	1		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 12:47	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 13:01	1		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 13:01	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 13:16	1		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 13:16	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 13:31	1		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 13:31	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 13:58	10		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 13:58	10		Rtx-CLP 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Batch Number: 394557 Batch Start Date: 10/03/16 13:54 Batch Analyst: Rana, Kalpesh V

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OP_PCB SP_LVI 00010	OPPSPCBSU_LVI 00011	
MB 460-394557/1		3510C, 8082A		7 SU	250 mL	1 mL		50 uL	
LCS 460-394557/2		3510C, 8082A		7 SU	250 mL	1 mL	50 uL	50 uL	
LCSD 460-394557/3		3510C, 8082A		7 SU	250 mL	1 mL	50 uL	50 uL	
460-121167-E-1	MW-13D	3510C, 8082A	T	7 SU	250 mL	1 mL		50 uL	
460-121167-D-2	MW-7B	3510C, 8082A	T	7 SU	250 mL	1 mL		50 uL	
460-121167-G-3	MW-7D	3510C, 8082A	T	7 SU	250 mL	1 mL		50 uL	
460-121167-G-4	MW-13	3510C, 8082A	T	5 SU	250 mL	1 mL		50 uL	
460-121167-E-5	MW-8D	3510C, 8082A	T	5 SU	250 mL	1 mL		50 uL	
460-121167-G-6	MW-3	3510C, 8082A	T	5 SU	250 mL	1 mL		50 uL	
460-121167-F-7	MW-3 Filtered	3510C, 8082A	T	5 SU	250 mL	1 mL		50 uL	
460-121167-F-8	MW-6	3510C, 8082A	T	5 SU	250 mL	1 mL		50 uL	
460-121167-F-9	MW-6 Filtered	3510C, 8082A	T	5 SU	250 mL	1 mL		50 uL	
460-121167-D-10	MW-8	3510C, 8082A	T	7 SU	250 mL	1 mL		50 uL	
460-121167-F-11	FB-20160929	3510C, 8082A	T	5 SU	250 mL	1 mL		50 uL	

Batch Notes	
Batch Comment	8082 PCB LVI
Analyst ID - Concentration	KR
Exchange Solvent ID	144869
Exchange Solvent Name	Hexane
N-evap ID	222299
N-evap Temperature	35 Celsius
Na2SO4 ID	144042
Prep Solvent ID	151768
Prep Solvent Name	MECL2
Prep Solvent Volume Used	60 mL
Person's name who did the prep	KR
Analyst ID - Spike Analyst	KR
Uncorrected N-evap Temperature	35 Celsius

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.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Batch Number: 394557 Batch Start Date: 10/03/16 13:54 Batch Analyst: Rana, Kalpesh V

Batch Method: 3510C Batch End Date:

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.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-121167-1

SDG No.:

Project: McCandless

Client Sample ID	Lab Sample ID
MW-13D	460-121167-1
MW-7B	460-121167-2
MW-7D	460-121167-3
MW-13	460-121167-4
MW-8D	460-121167-5
MW-3	460-121167-6
MW-3 Filtered	460-121167-7
MW-6	460-121167-8
MW-6 Filtered	460-121167-9
MW-8	460-121167-10
FB-20160929	460-121167-11

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-13D
Lab Sample ID: 460-121167-1
Lab Name: TestAmerica Edison
Job No.: 460-121167-1
SDG ID.:
Matrix: Water
Date Sampled: 09/29/2016 09:30
Reporting Basis: WET
Date Received: 09/29/2016 20:35

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	160	10.0	10.0	mg/L			1	SM 2540C
	Total Suspended Solids	3.2	1.0	1.0	mg/L			1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-7B
Lab Sample ID: 460-121167-2
Lab Name: TestAmerica Edison
Job No.: 460-121167-1
SDG ID.:
Matrix: Water
Date Sampled: 09/29/2016 09:45
Reporting Basis: WET
Date Received: 09/29/2016 20:35

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	103	0.10	0.10	mg/L			1	SM 2540C
	Total Suspended Solids	49.2	4.0	4.0	mg/L			1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-7D
Lab Sample ID: 460-121167-3
Lab Name: TestAmerica Edison
Job No.: 460-121167-1
SDG ID.:
Matrix: Water
Date Sampled: 09/29/2016 11:05
Reporting Basis: WET
Date Received: 09/29/2016 20:35

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	47.0	10.0	10.0	mg/L			1	SM 2540C
	Total Suspended Solids	1.0	1.0	1.0	mg/L	U		1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-13 Lab Sample ID: 460-121167-4

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG ID.:

Matrix: Water Date Sampled: 09/29/2016 11:10

Reporting Basis: WET Date Received: 09/29/2016 20:35

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	27.0	10.0	10.0	mg/L			1	SM 2540C
	Total Suspended Solids	3.1	1.0	1.0	mg/L			1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-8D
Lab Sample ID: 460-121167-5
Lab Name: TestAmerica Edison
Job No.: 460-121167-1
SDG ID.:
Matrix: Water
Date Sampled: 09/29/2016 12:35
Reporting Basis: WET
Date Received: 09/29/2016 20:35

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	74.0	10.0	10.0	mg/L			1	SM 2540C
	Total Suspended Solids	9.4	1.0	1.0	mg/L			1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-3 Lab Sample ID: 460-121167-6

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG ID.:

Matrix: Water Date Sampled: 09/29/2016 12:50

Reporting Basis: WET Date Received: 09/29/2016 20:35

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	38.0	10.0	10.0	mg/L			1	SM 2540C
	Total Suspended Solids	7.9	1.3	1.3	mg/L			1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-3 Filtered
Lab Sample ID: 460-121167-7
Lab Name: TestAmerica Edison
Job No.: 460-121167-1
SDG ID.:
Matrix: Water
Date Sampled: 09/29/2016 13:00
Reporting Basis: WET
Date Received: 09/29/2016 20:35

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	48.0	10.0	10.0	mg/L			1	SM 2540C
	Total Suspended Solids	1.0	1.0	1.0	mg/L	U		1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-6 Lab Sample ID: 460-121167-8

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG ID.:

Matrix: Water Date Sampled: 09/29/2016 14:35

Reporting Basis: WET Date Received: 09/29/2016 20:35

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	71.0	10.0	10.0	mg/L			1	SM 2540C
	Total Suspended Solids	2.5	1.0	1.0	mg/L			1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-6 Filtered
Lab Sample ID: 460-121167-9
Lab Name: TestAmerica Edison
Job No.: 460-121167-1
SDG ID.:
Matrix: Water
Date Sampled: 09/29/2016 14:45
Reporting Basis: WET
Date Received: 09/29/2016 20:35

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	36.0	10.0	10.0	mg/L			1	SM 2540C
	Total Suspended Solids	1.0	1.0	1.0	mg/L	U		1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-8 Lab Sample ID: 460-121167-10

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG ID.:

Matrix: Water Date Sampled: 09/29/2016 14:50

Reporting Basis: WET Date Received: 09/29/2016 20:35

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	145	10.0	10.0	mg/L			1	SM 2540C
	Total Suspended Solids	6.4	1.0	1.0	mg/L			1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: FB-20160929 Lab Sample ID: 460-121167-11

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG ID.:

Matrix: Water Date Sampled: 09/29/2016 15:40

Reporting Basis: WET Date Received: 09/29/2016 20:35

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	0.10	0.10	0.10	mg/L	U		1	SM 2540C
	Total Suspended Solids	1.0	1.0	1.0	mg/L	U		1	SM 2540D

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 394840	Date: 10/04/2016 13:46						
SM 2540C	MB 460-394840/1	Total Dissolved Solids	10.0	U	mg/L	10.0	1
Batch ID: 395114	Date: 10/05/2016 13:20						
SM 2540C	MB 460-395114/1	Total Dissolved Solids	0.10	U	mg/L	0.10	1
Batch ID: 394756	Date: 10/04/2016 08:44						
SM 2540D	MB 460-394756/1	Total Suspended Solids	1.0	U	mg/L	1.0	1
Batch ID: 394761	Date: 10/04/2016 09:41						
SM 2540D	MB 460-394761/1	Total Suspended Solids	1.0	U	mg/L	1.0	1

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water

Method	Client Sample ID	Lab Sample ID	Analyte	Result	Unit	RPD	RPD Limit	Qual
Batch ID: 394840	Date: 10/04/2016 13:46							
SM 2540C		460-121204-D-1	Total Dissolved Solids	856	mg/L			
SM 2540C		460-121204-D-1 DU	Total Dissolved Solids	860.0	mg/L	0.5	5	
Batch ID: 394840	Date: 10/04/2016 13:46							
SM 2540C		460-121153-A-1	Total Dissolved Solids	1070	mg/L			
SM 2540C		460-121153-A-1 DU	Total Dissolved Solids	1160	mg/L	8	5	F3
Batch ID: 395114	Date: 10/05/2016 13:20							
SM 2540C		460-121216-G-1	Total Dissolved Solids	1210	mg/L			
SM 2540C		460-121216-G-1 DU	Total Dissolved Solids	1316	mg/L	9	5	F3
Batch ID: 394756	Date: 10/04/2016 08:44							
SM 2540D		460-121034-E-3	Total Suspended Solids	1.0	mg/L			U
SM 2540D		460-121034-E-3 DU	Total Suspended Solids	1.0	mg/L	NC	5	U
Batch ID: 394756	Date: 10/04/2016 08:44							
SM 2540D		460-121000-I-2	Total Suspended Solids	1.0	mg/L			U
SM 2540D		460-121000-I-2 DU	Total Suspended Solids	1.0	mg/L	NC	5	U
Batch ID: 394761	Date: 10/04/2016 09:41							
SM 2540D		460-121103-C-2	Total Suspended Solids	850	mg/L			
SM 2540D		460-121103-C-2 DU	Total Suspended Solids	950.0	mg/L	11	5	F3

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

FORM VI-IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 394840	Date: 10/04/2016 13:46										
						LCS Source: WTtdsLCS_00091					
SM 2540C	LCSSRM 460-394840/2	Total Dissolved Solids	296.0		mg/L	274	108.0	84.3-10		9.9	
Batch ID: 395114	Date: 10/05/2016 13:20										
						LCS Source: WTtdsLCS_00091					
SM 2540C	LCSSRM 460-395114/2	Total Dissolved Solids	244.0		mg/L	274	89.1	84.3-10		9.9	
Batch ID: 394756	Date: 10/04/2016 08:44										
						LCS Source: WTtssLCS_00064					
SM 2540D	LCSSRM 460-394756/2	Total Suspended Solids	78.00		mg/L	79.0	98.7	82.7-10		7.0	
Batch ID: 394761	Date: 10/04/2016 09:41										
						LCS Source: WTtssLCS_00064					
SM 2540D	LCSSRM 460-394761/2	Total Suspended Solids	70.00		mg/L	79.0	88.6	82.7-10		7.0	

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

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-121167-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 2540C MDL Date: 02/11/2014 10:19

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Total Dissolved Solids		10	10

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-121167-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 2540C XMDL Date: 02/11/2014 10:55

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Total Dissolved Solids		10	10

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-121167-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 2540D MDL Date: 02/11/2014 10:20

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Total Suspended Solids		10	10

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-121167-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 2540D XMDL Date: 02/11/2014 10:55

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Total Suspended Solids		10	10

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison　　Job No.: 460-121167-1

SDG No.:

Instrument ID: NOEQUIP　　Method: SM 2540C

Start Date: 10/04/2016 13:46　　End Date: 10/04/2016 13:46

Lab Sample ID	D/F	Type	Time	Analytes: TDS
MB 460-394840/1	1	T	13:46	X
LCSSRM 460-394840/2	1	T	13:46	X
ZZZZZZ			13:46	
460-121204-D-1 DU	1	T	13:46	X
ZZZZZZ			13:46	
ZZZZZZ			13:46	
ZZZZZZ			13:46	
ZZZZZZ			13:46	
ZZZZZZ			13:46	
ZZZZZZ			13:46	
ZZZZZZ			13:46	
ZZZZZZ			13:46	
460-121167-1	1	T	13:46	X
ZZZZZZ			13:46	
460-121153-A-1 DU	1	T	13:46	X
ZZZZZZ			13:46	
460-121167-3	1	T	13:46	X
460-121167-4	1	T	13:46	X
460-121167-5	1	T	13:46	X
460-121167-6	1	T	13:46	X
460-121167-7	1	T	13:46	X
460-121167-8	1	T	13:46	X
460-121167-9	1	T	13:46	X
460-121167-10	1	T	13:46	X

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Instrument ID: NOEQUIP Method: SM 2540C

Start Date: 10/05/2016 13:20 End Date: 10/05/2016 13:20

Lab Sample ID	D / F	Type	Time	Analytes																				
				TDS																				
MB 460-395114/1	1	T	13:20	X																				
LCSSRM 460-395114/2	1	T	13:20	X																				
ZZZZZZ			13:20																					
460-121216-G-1 DU	1	T	13:20	X																				
460-121167-11	1	T	13:20	X																				
460-121167-2	1	T	13:20	X																				
ZZZZZZ			13:20																					
ZZZZZZ			13:20																					
ZZZZZZ			13:20																					
ZZZZZZ			13:20																					
ZZZZZZ			13:20																					
ZZZZZZ			13:20																					
ZZZZZZ			13:20																					

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Instrument ID: NOEQUIP Method: SM 2540D

Start Date: 10/04/2016 08:44 End Date: 10/04/2016 08:44

Lab Sample ID	D / F	Type	Time	Analytes																			
				TSS																			
MB 460-394756/1	1	T	08:44	X																			
LCSSRM 460-394756/2	1	T	08:44	X																			
ZZZZZZ			08:44																				
460-121034-E-3 DU	1	T	08:44	X																			
ZZZZZZ			08:44																				
ZZZZZZ			08:44																				
ZZZZZZ			08:44																				
ZZZZZZ			08:44																				
ZZZZZZ			08:44																				
ZZZZZZ			08:44																				
ZZZZZZ			08:44																				
460-121167-1	1	T	08:44	X																			
ZZZZZZ			08:44																				
ZZZZZZ			08:44																				
460-121000-I-2 DU	1	T	08:44	X																			
ZZZZZZ			08:44																				
ZZZZZZ			08:44																				
ZZZZZZ			08:44																				
460-121167-2	1	T	08:44	X																			
460-121167-3	1	T	08:44	X																			
460-121167-4	1	T	08:44	X																			
460-121167-5	1	T	08:44	X																			
460-121167-6	1	T	08:44	X																			
460-121167-7	1	T	08:44	X																			

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Instrument ID: NOEQUIP Method: SM 2540D

Start Date: 10/04/2016 09:41 End Date: 10/04/2016 09:41

Lab Sample ID	D / F	Type	Time	Analytes																			
				TSS																			
MB 460-394761/1	1	T	09:41	X																			
LCSSRM 460-394761/2	1	T	09:41	X																			
ZZZZZZ			09:41																				
460-121103-C-2 DU	1	T	09:41	X																			
ZZZZZZ			09:41																				
ZZZZZZ			09:41																				
ZZZZZZ			09:41																				
ZZZZZZ			09:41																				
460-121167-8	1	T	09:41	X																			
460-121167-9	1	T	09:41	X																			
460-121167-10	1	T	09:41	X																			
460-121167-11	1	T	09:41	X																			
ZZZZZZ			09:41																				

Prep Types
T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Batch Number: 394840 Batch Start Date: 10/04/16 13:46 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Conductivity	CrucibleID	InitialAmount	TareWeight	Weight1	Weight2
MB 460-394840/1		SM 2540C			E2	100 mL	67.7827 g	67.7826 g	67.7826 g
LCSSRM 460-394840/2		SM 2540C			E6A	50 mL	67.4536 g	67.4684 g	67.4688 g
460-121204-D-1 DU		SM 2540C	T		M4	50 mL	62.3117 g	62.3548 g	62.3547 g
460-121167-H-1	MW-13D	SM 2540C	T	263 umhos/cm	LU	100 mL	64.2965 g	64.3126 g	64.3125 g
460-121153-A-1 DU		SM 2540C	T		KX	25 mL	29.7273 g	29.7563 g	29.7563 g
460-121167-H-3	MW-7D	SM 2540C	T	55.4 umhos/cm	E5	100 mL	66.7828 g	66.7866 g	66.7875 g
460-121167-H-4	MW-13	SM 2540C	T	68.8 umhos/cm	QR	100 mL	64.9137 g	64.9161 g	64.9164 g
460-121167-H-5	MW-8D	SM 2540C	T	102 umhos/cm	E50	100 mL	65.3024 g	65.3100 g	65.3098 g
460-121167-H-6	MW-3	SM 2540C	T	52.9 umhos/cm	JJ	100 mL	65.7938 g	65.7973 g	65.7976 g
460-121167-H-7	MW-3 Filtered	SM 2540C	T	59.8 umhos/cm	F9	100 mL	65.0474 g	65.0515 g	65.0522 g
460-121167-H-8	MW-6	SM 2540C	T	75.0 umhos/cm	F1	100 mL	65.4668 g	65.4738 g	65.4739 g
460-121167-H-9	MW-6 Filtered	SM 2540C	T	71.1 umhos/cm	TC	100 mL	67.2233 g	67.2271 g	67.2269 g
460-121167-H-10	MW-8	SM 2540C	T	249 umhos/cm	PH	100 mL	66.1180 g	66.1326 g	66.1325 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	Weight3	WeightOne%Diff	WeightTwo%Diff	Weight4OK	Residue	Residue2
MB 460-394840/1		SM 2540C		67.7825 g	Pass No Unit	Pass No Unit	N/A	-0.0001 g	-0.0001 g
LCSSRM 460-394840/2		SM 2540C		67.4684 g	Pass No Unit	Pass No Unit	N/A	0.0148 g	0.0152 g
460-121204-D-1 DU		SM 2540C	T	0 g	Pass No Unit	N/A No Unit	N/A	0.0431 g	0.043 g
460-121167-H-1	MW-13D	SM 2540C	T	0 g	Pass No Unit	N/A No Unit	N/A	0.0161 g	0.016 g
460-121153-A-1 DU		SM 2540C	T	0 g	Pass No Unit	N/A No Unit	N/A	0.029 g	0.029 g
460-121167-H-3	MW-7D	SM 2540C	T	66.7875 g	Fail >0.5mg No Unit	Pass No Unit	N/A	0.0038 g	0.0047 g
460-121167-H-4	MW-13	SM 2540C	T	0 g	Pass No Unit	N/A No Unit	N/A	0.0024 g	0.0027 g
460-121167-H-5	MW-8D	SM 2540C	T	0 g	Pass No Unit	N/A No Unit	N/A	0.0076 g	0.0074 g
460-121167-H-6	MW-3	SM 2540C	T	0 g	Pass No Unit	N/A No Unit	N/A	0.0035 g	0.0038 g
460-121167-H-7	MW-3 Filtered	SM 2540C	T	65.0522 g	Fail >0.5mg No Unit	Pass No Unit	N/A	0.0041 g	0.0048 g
460-121167-H-8	MW-6	SM 2540C	T	0 g	Pass No Unit	N/A No Unit	N/A	0.007 g	0.0071 g
460-121167-H-9	MW-6 Filtered	SM 2540C	T	0 g	Pass No Unit	N/A No Unit	N/A	0.0038 g	0.0036 g

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.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Batch Number: 394840 Batch Start Date: 10/04/16 13:46 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Weight3	WeightOne%Diff	WeightTwo%Diff	Weight4OK	Residue	Residue2
460-121167-H-10	MW-8	SM 2540C	T	0 g	Pass No Unit	N/A No Unit	N/A	0.0146 g	0.0145 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	Residue3	Residue4	FinalAmount	CalcMsg	WTtdsLCS 00091	
MB 460-394840/1		SM 2540C		-0.0002 g	N/A g	100 mL	OK		
LCSSRM 460-394840/2		SM 2540C		0.0148 g	N/A g	100 mL	OK	50 mL	
460-121204-D-1 DU		SM 2540C	T	N/A g	N/A g	100 mL	OK		
460-121167-H-1	MW-13D	SM 2540C	T	N/A g	N/A g	100 mL	OK		
460-121153-A-1 DU		SM 2540C	T	N/A g	N/A g	100 mL	OK		
460-121167-H-3	MW-7D	SM 2540C	T	0.0047 g	N/A g	100 mL	OK		
460-121167-H-4	MW-13	SM 2540C	T	N/A g	N/A g	100 mL	OK		
460-121167-H-5	MW-8D	SM 2540C	T	N/A g	N/A g	100 mL	OK		
460-121167-H-6	MW-3	SM 2540C	T	N/A g	N/A g	100 mL	OK		
460-121167-H-7	MW-3 Filtered	SM 2540C	T	0.0048 g	N/A g	100 mL	OK		
460-121167-H-8	MW-6	SM 2540C	T	N/A g	N/A g	100 mL	OK		
460-121167-H-9	MW-6 Filtered	SM 2540C	T	N/A g	N/A g	100 mL	OK		
460-121167-H-10	MW-8	SM 2540C	T	N/A g	N/A g	100 mL	OK		

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.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Batch Number: 394840 Batch Start Date: 10/04/16 13:46 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540C Batch End Date:

Batch Notes	
Balance ID	27
Constant Weight (WT2) Date/Time In	10-5-16@9:54
Constant Weight (WT2) Date/Time Out	10-5-16@11:08
Constant Weight (WT2) Temp In	180C Degrees C
Constant Weight (WT2) Temp Out	180C Degrees C
Uncorrected CW (Wt2) Temp In	181C Degrees C
Uncorrected CW (Wt2) Temp Out	181C Degrees C
Constant Weight (WT3) Date/time In	10-5-16@11:44
Corrected Temperature in Oven	104 Degrees C
Corrected Temperature out of Oven	104 Degrees C
Date/Time Samples placed in Oven	10-4-16@14:59
Date/Time Samples Removed from Oven	10-5-16@6:45
Filter Paper ID	Whatman 9692000
Nominal Amount Used	100 mL
Oven ID	36221
Uncorrected In Temperature	107 Degrees C
Uncorrected Out Temperature	107 Degrees C
Weight(WT1) Start Date/Time	10-5-16@6:48
Weight(WT1) Date/Time Out	10-5-16@7:59
Weight(WT1) Start Temp	180C Degrees C
Weight(WT1) Temp Out	180C Degrees C
Uncorrected Weight(WT1) Start Temp	181C Degrees C
Uncorrected Weight(WT1) Temp Out	181C Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Batch Number: 395114 Batch Start Date: 10/05/16 13:20 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540C Batch End Date: 10/06/16 14:17

Lab Sample ID	Client Sample ID	Method Chain	Basis	Conductivity	CrucibleID	InitialAmount	TareWeight	Weight1	Weight2
MB 460-395114/1		SM 2540C			Z9	100 mL	66.9995 g	66.9996 g	66.9992 g
LCSSRM 460-395114/2		SM 2540C			W2	50 mL	62.2312 g	62.2434 g	62.2434 g
460-121216-G-1 DU		SM 2540C	T		FP	25 mL	65.8968 g	65.9298 g	65.9297 g
460-121167-H-11	FB-20160929	SM 2540C	T	<5 umhos/cm	N5	100 mL	65.5018 g	65.5016 g	65.5015 g
460-121167-H-2	MW-7B	SM 2540C	T	69.8 umhos/cm	F8	100 mL	64.7044 g	64.7138 g	64.7147 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	Weight3	WeightOne%Diff	WeightTwo%Diff	Weight4OK	Residue	Residue2
MB 460-395114/1		SM 2540C		66.9993 g	Pass No Unit	Pass No Unit	N/A	0.0001 g	-0.0003 g
LCSSRM 460-395114/2		SM 2540C		62.2434 g	Pass No Unit	Pass No Unit	N/A	0.0122 g	0.0122 g
460-121216-G-1 DU		SM 2540C	T	0 g	Pass No Unit	N/A No Unit	N/A	0.033 g	0.0329 g
460-121167-H-11	FB-20160929	SM 2540C	T	0 g	Pass No Unit	N/A No Unit	N/A	-0.0002 g	-0.0003 g
460-121167-H-2	MW-7B	SM 2540C	T	64.7147 g	Fail >0.5mg No Unit	Pass No Unit	N/A	0.0094 g	0.0103 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	Residue3	Residue4	FinalAmount	CalcMsg	WTtdsLCS 00091	AnalysisComment
MB 460-395114/1		SM 2540C		-0.0002 g	N/A g	1 mL	OK		
LCSSRM 460-395114/2		SM 2540C		0.0122 g	N/A g	1 mL	OK	50 mL	
460-121216-G-1 DU		SM 2540C	T	N/A g	N/A g	1 mL	OK		
460-121167-H-11	FB-20160929	SM 2540C	T	N/A g	N/A g	1 mL	OK		
460-121167-H-2	MW-7B	SM 2540C	T	0.0103 g	N/A g	1 mL	OK		Results verified

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.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Batch Number: 395114 Batch Start Date: 10/05/16 13:20 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540C Batch End Date: 10/06/16 14:17

Batch Notes	
Balance ID	27
Constant Weight (WT2) Date/Time In	10-6-16@11:45
Constant Weight (WT2) Date/Time Out	10-6-16@12:46
Constant Weight (WT2) Temp In	180C Degrees C
Constant Weight (WT2) Temp Out	180C Degrees C
Uncorrected CW (Wt2) Temp In	181C Degrees C
Uncorrected CW (Wt2) Temp Out	181C Degrees C
Constant Weight (WT3) Date/time In	10-6-16@13:30
Constant Weight (WT3) Date/Time Out	10-6-16@14:32
Constant Weight (WT3) Temp In	180C Degrees C
Constant Weight (WT3) Temp Out	180 Degrees C
Uncorrected CW (Wt3) Temp In	181C Degrees C
Uncorrected CW (Wt3) Temp Out	181C Degrees C
Corrected Temperature in Oven	104 Degrees C
Corrected Temperature out of Oven	180C Degrees C
Date/Time Samples placed in Oven	10-5-16@13:45
Date/Time Samples Removed from Oven	10-6-16@8:45
Filter Paper ID	Whatman 9692000
Nominal Amount Used	1 mL
Oven ID	36221
Uncorrected In Temperature	107 Degrees C
Uncorrected Out Temperature	181C Degrees C
Weight(WT1) Start Date/Time	10-6-16@10:00
Weight(WT1) Date/Time Out	10-6-16@11:07
Weight(WT1) Start Temp	180C Degrees C
Weight(WT1) Temp Out	180C Degrees C
Uncorrected Weight(WT1) Start Temp	181C Degrees C
Uncorrected Weight(WT1) Temp Out	181C Degrees C

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.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Batch Number: 395114 Batch Start Date: 10/05/16 13:20 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540C Batch End Date: 10/06/16 14:17

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.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Batch Number: 394756 Batch Start Date: 10/04/16 08:44 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540D Batch End Date: 10/04/16 15:39

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	CrucibleID	TareWeight	InitialAmount	Weight1	Weight2
MB 460-394756/1		SM 2540D		100 mL	FL6FI 0.1168	0.1168 g	1000 mL	0.1169 g	0.1169 g
LCSSRM 460-394756/2		SM 2540D		100 mL	FL6FK 0.1174	0.1174 g	50 mL	0.1215 g	0.1213 g
460-121034-E-3 DU		SM 2540D	T	100 mL	FL6FM 0.1165	0.1165 g	1000 mL	0.1169 g	0.1170 g
460-121167-I-1	MW-13D	SM 2540D	T	100 mL	FL6FV 0.1170	0.1170 g	1000 mL	0.1201 g	0.1202 g
460-121000-I-2 DU		SM 2540D	T	100 mL	FL6FY 0.1158	0.1158 g	1000 mL	0.1168 g	0.1166 g
460-121167-I-2	MW-7B	SM 2540D	T	100 mL	FL6G2 0.1159	0.1159 g	250 mL	0.1284 g	0.1282 g
460-121167-I-3	MW-7D	SM 2540D	T	100 mL	FL6G3 0.1172	0.1172 g	1000 mL	0.1177 g	0.1178 g
460-121167-I-4	MW-13	SM 2540D	T	100 mL	FL6G4 0.1166	0.1166 g	1000 mL	0.1197 g	0.1197 g
460-121167-I-5	MW-8D	SM 2540D	T	100 mL	FL6G6 0.1168	0.1168 g	1000 mL	0.1263 g	0.1262 g
460-121167-I-6	MW-3	SM 2540D	T	100 mL	FL6G7 0.1146	0.1146 g	750 mL	0.1207 g	0.1205 g
460-121167-I-7	MW-3 Filtered	SM 2540D	T	100 mL	FL6G5 0.1162	0.1162 g	1000 mL	0.1162 g	0.1165 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	Weight3	WeightOne%Diff	Residue	Residue2	ResDishWt	DishWeight
MB 460-394756/1		SM 2540D		0 g	PASS <0.5mg	0.0001 g	0.0001 g	0.1169 g	0.1168 g
LCSSRM 460-394756/2		SM 2540D		0 g	PASS <0.5mg	0.0041 g	0.0039 g	0.1213 g	0.1174 g
460-121034-E-3 DU		SM 2540D	T	0 g	PASS <0.5mg	0.0004 g	0.0005 g	0.117 g	0.1165 g
460-121167-I-1	MW-13D	SM 2540D	T	0 g	PASS <0.5mg	0.0031 g	0.0032 g	0.1202 g	0.117 g
460-121000-I-2 DU		SM 2540D	T	0 g	PASS <0.5mg	0.001 g	0.0008 g	0.1166 g	0.1158 g
460-121167-I-2	MW-7B	SM 2540D	T	0 g	PASS <0.5mg	0.0125 g	0.0123 g	0.1282 g	0.1159 g
460-121167-I-3	MW-7D	SM 2540D	T	0 g	PASS <0.5mg	0.0005 g	0.0006 g	0.1178 g	0.1172 g
460-121167-I-4	MW-13	SM 2540D	T	0 g	PASS <0.5mg	0.0031 g	0.0031 g	0.1197 g	0.1166 g
460-121167-I-5	MW-8D	SM 2540D	T	0 g	PASS <0.5mg	0.0095 g	0.0094 g	0.1262 g	0.1168 g
460-121167-I-6	MW-3	SM 2540D	T	0 g	PASS <0.5mg	0.0061 g	0.0059 g	0.1205 g	0.1146 g
460-121167-I-7	MW-3 Filtered	SM 2540D	T	0 g	PASS <0.5mg	0 g	0.0003 g	0.1165 g	0.1162 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	WTtssLCS 00064					
MB 460-394756/1		SM 2540D							

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.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Batch Number: 394756 Batch Start Date: 10/04/16 08:44 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540D Batch End Date: 10/04/16 15:39

Lab Sample ID	Client Sample ID	Method Chain	Basis	WTtssLCS 00064					
LCSSRM 460-394756/2		SM 2540D		50 mL					
460-121034-E-3 DU		SM 2540D	T						
460-121167-I-1	MW-13D	SM 2540D	T						
460-121000-I-2 DU		SM 2540D	T						
460-121167-I-2	MW-7B	SM 2540D	T						
460-121167-I-3	MW-7D	SM 2540D	T						
460-121167-I-4	MW-13	SM 2540D	T						
460-121167-I-5	MW-8D	SM 2540D	T						
460-121167-I-6	MW-3	SM 2540D	T						
460-121167-I-7	MW-3 Filtered	SM 2540D	T						

Batch Notes	
Balance ID	27
Constant Weight (WT2) Date/Time In	10-4-16@12:39
Constant Weight (WT2) Date/Time Out	10-4-16@13:45
Constant Weight (WT2) Temp In	104 Celsius
Constant Weight (WT2) Temp Out	104 Celsius
Uncorrected CW (Wt2) Temp In	102 Celsius
Uncorrected CW (Wt2) Temp Out	102 Celsius
Corrected Temperature in Oven	104 Celsius
Corrected Temperature out of Oven	104 Celsius
Date/Time Samples placed in Oven	10-4-16@9:40
Date/Time Samples Removed from Oven	10-4-16@10:59
Filter Paper ID	EmviroExprress 60015 6251 R1
Nominal Amount Used	100 mL
Oven ID	36233
Perform Calculation (0=No, 1=Yes)	1
Uncorrected In Temperature	102 Celsius
Uncorrected Out Temperature	102 Celsius

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.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Batch Number: 394756 Batch Start Date: 10/04/16 08:44 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540D Batch End Date: 10/04/16 15:39

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.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Batch Number: 394761 Batch Start Date: 10/04/16 09:41 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540D Batch End Date: 10/04/16 13:42

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	CrucibleID	TareWeight	InitialAmount	Weight1	Weight2
MB 460-394761/1		SM 2540D		100 mL	FL6L8 0.1184	0.1184 g	1000 mL	0.1184 g	0.1187 g
LCSSRM 460-394761/2		SM 2540D		100 mL	FL6L9 0.1164	0.1164 g	50 mL	0.1203 g	0.1199 g
460-121103-C-2 DU		SM 2540D	T	100 mL	FL6LG 0.1168	0.1138 g	10 mL	0.1234 g	0.1233 g
460-121167-I-8	MW-6	SM 2540D	T	100 mL	FL6LJ 0.1162	0.1162 g	1000 mL	0.1185 g	0.1187 g
460-121167-I-9	MW-6 Filtered	SM 2540D	T	100 mL	FL6LK 0.1174	0.1174 g	1000 mL	0.1176 g	0.1177 g
460-121167-I-10	MW-8	SM 2540D	T	100 mL	FL6LL 0.1167	0.1167 g	1000 mL	0.1234 g	0.1231 g
460-121167-I-11	FB-20160929	SM 2540D	T	100 mL	FL6LM 0.1161	0.1161 g	1000 mL	0.1164 g	0.1165 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	Weight3	WeightOne%Diff	Residue	Residue2	ResDishWt	DishWeight
MB 460-394761/1		SM 2540D		0 g	PASS <0.5mg	0 g	0.0003 g	0.1187 g	0.1184 g
LCSSRM 460-394761/2		SM 2540D		0 g	PASS <0.5mg	0.0039 g	0.0035 g	0.1199 g	0.1164 g
460-121103-C-2 DU		SM 2540D	T	0 g	PASS <0.5mg	0.0096 g	0.0095 g	0.1233 g	0.1138 g
460-121167-I-8	MW-6	SM 2540D	T	0 g	PASS <0.5mg	0.0023 g	0.0025 g	0.1187 g	0.1162 g
460-121167-I-9	MW-6 Filtered	SM 2540D	T	0 g	PASS <0.5mg	0.0002 g	0.0003 g	0.1177 g	0.1174 g
460-121167-I-10	MW-8	SM 2540D	T	0 g	PASS <0.5mg	0.0067 g	0.0064 g	0.1231 g	0.1167 g
460-121167-I-11	FB-20160929	SM 2540D	T	0 g	PASS <0.5mg	0.0003 g	0.0004 g	0.1165 g	0.1161 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	WTtssLCS 00064					
MB 460-394761/1		SM 2540D							
LCSSRM 460-394761/2		SM 2540D		50 mL					
460-121103-C-2 DU		SM 2540D	T						
460-121167-I-8	MW-6	SM 2540D	T						
460-121167-I-9	MW-6 Filtered	SM 2540D	T						
460-121167-I-10	MW-8	SM 2540D	T						
460-121167-I-11	FB-20160929	SM 2540D	T						

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.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121167-1

SDG No.:

Batch Number: 394761 Batch Start Date: 10/04/16 09:41 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540D Batch End Date: 10/04/16 13:42

Batch Notes	
Balance ID	27
Constant Weight (WT2) Date/Time In	10-416@13:20
Constant Weight (WT2) Date/Time Out	10-4-16@14:45
Constant Weight (WT2) Temp In	104 Celsius
Constant Weight (WT2) Temp Out	104 Celsius
Uncorrected CW (Wt2) Temp In	102 Celsius
Uncorrected CW (Wt2) Temp Out	102 Celsius
Corrected Temperature in Oven	104 Celsius
Corrected Temperature out of Oven	104 Celsius
Date/Time Samples placed in Oven	10-4-16@10:36
Date/Time Samples Removed from Oven	10-4-16@11:55
Filter Paper ID	EnvirpExpress 60015 6251 R1
Nominal Amount Used	100 mL
Oven ID	36233
Perform Calculation (0=No, 1=Yes)	1
Uncorrected In Temperature	102 Celsius
Uncorrected Out Temperature	102 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
THE LEADER IN ENVIRONMENTAL TESTING

460-121167 Chain of Custody

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CU

Page 1 of 2

Name (for report and invoice) Tim Fisher	Samplers Name (Printed) D. O'Donnell, A. Musetto	Site/Project Identification McCandless
Company Antea Group	P. O. # 8E08124858	State (Location of site): NJ: X NY: Other:
		Regulatory Program: NJDEP DKQP:
Address 500 Summit Lake Dr. Suite 150	Analysis Turnaround Time: Standard X	LAB USE ONLY Project No:
City Valhalla State NY	Rush Charges Authorized For: 2 Week, 1 Week, Other	Job No: 121167
Phone 949-375-1174 Fax		Sample Numbers

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	TCL VOC +10 624.1	BN +15 625	PCBs 8082A	TDS 2540C	TSS 2540 D	Sample Numbers
MW-13D	9/29/16	0930	GW	9	X	X	X	X	X	1
MW-7B		0945								2
MW-7D		1105								3
MW-13		1110								4
MW-8D		1235								5
MW-3		1250								6
MW-3 Filtered		1300								7
MW-6		1435								8
MW-6 Filtered		1445								9
MW-8		1450								10
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH				Soil:						
6 = Other _____, 7 = Other _____				Water:	1,2	1	1	1	1	

5-Day RUSH

Special Instructions Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
	Antea Group	9/29/16 1630	1)	TA 9/29/16 1617
Relinquished by 2)	Company TA	Date / Time 9/29/16 18:20	Received by 2)	Company TA
Relinquished by 3)	Company TAHCP	Date / Time 9-29-16 1945	Received by 3)	Company TAHCP
Relinquished by 4)	Company TAHCP	Date / Time 9/29/16 2035	Received by 4)	Company TA 6d 9/29/16 2035

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0715)

Massachusetts (M-NJ312), North Carolina (No. 578)

pH 7 0.6°C 1.3°C 2.1°C

461-5550

10/07/2016

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777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice) Tim Fisher	Samplers Name (Printed) D. O'Donnell A. Musetto,	Site/Project Identification McCandless	
Company Antea Group	P. O. # 8E08124857	State (Location of site): NJ: X NY: Other:	
		Regulatory Program: NJDEP	DKQP:
Address 500 Summit Lake Dr. Suite 150	Analysis Turnaround Time: Standard X; Rush Charges Authorized For: 2 Week, 1 Week, Other	ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)	LAB USE ONLY Project No:
City Valhalla State NY			Job No: 72167
Phone 949-375-1174 Fax			

Sample Identification	Date	Time	Matrix	No. of Cont.	TCL VOC+10 624.5	BN+15 625	PCBs 8082A	TDS 2540C	TSS 2540D	Sample Numbers
FB-20160929	9/29/16	1540	Blank	9	X	X	X	X	X	11
Trip Blank	↓	-	↓	3	X					12

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH 6 = Other _____, 7 = Other _____

Soil:					
Water:	1,2	1	1	1	1

Special Instructions Water Metals Filtered (Yes/No)? _____

	Company	Date / Time		Company
Relinquished by	Antea Group	9/29/16 1630	Received by 1)	TA 9/29/16 1617
Relinquished by 2)	TA	9/29/16 1820	Received by 2)	
Relinquished by 3)	TA	9-29-16 1945	Received by 3)	TAHCP
Relinquished by 4)	TAHCP	9/29/16 2035	Received by 4)	TA Ed 9/29/16 2035

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0715)

Massachusetts (M-NJ312), North Carolina (No. 578)

9

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 24167

Number of Coolers: 3 IR Gun #: 7

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	0.6 °C	°C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	1.3 °C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	2.1 °C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4, 06/09/2014

Initials: KL Date: 9/29/16

Login Sample Receipt Checklist

Client: Antea USA, Inc.

Job Number: 460-121167-1

Login Number: 121167
List Number: 1
Creator: Rivera, Kenneth

List Source: TestAmerica Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.6°C, 1.3°C, 2.1°C, IR #7
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 <6mm (1/4").	True	
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.