

ANALYTICAL REPORT

Job Number: 460-210542-1

Job Description: DEC - GREATNECK110 SITE:130072

Contract Number: C008010

For:

New York State D.E.C.

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11th Floor

Albany, NY 12233-3256

Attention: Mr. Payson Long



Approved for release.
Julie L. Gilmore
Project Manager I
6/15/2020 11:15 AM

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06/15/2020

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Eurofins TestAmerica, Edison

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Job Number: 460-210542-1

Job Description: DEC - GREATNECK110 SITE:130072

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

A handwritten signature in black ink, reading "Julie L. Gilmore". The signature is written in a cursive style with a horizontal line underneath.

Approved for release.
Julie L. Gilmore
Project Manager I
6/15/2020 11:15 AM

Julie L Gilmore

Table of Contents

Cover Title Page	1
Data Summaries	5
Report Narrative	5
Sample Summary	6
Detection Summary	7
Method Summary	8
Client Sample Results	9
Surrogate Summary	12
QC Sample Results	13
Definitions	18
QC Association	19
Chronicle	20
Certification Summary	21
Organic Sample Data	22
GC/MS VOA	22
624.1_PREC	22
624.1_PREC QC Summary	23
624.1_PREC Sample Data	35
Standards Data	46
624.1_PREC ICAL Data	46
624.1_PREC CCAL Data	131
Raw QC Data	141
624.1_PREC Tune Data	141
624.1_PREC Blank Data	151
624.1_PREC LCS/LCSD Data	155
624.1_PREC MS/MSD Data	162

Table of Contents

624.1_PREC Run Logs	176
624.1_PREC Prep Data	178
Shipping and Receiving Documents	179
Client Chain of Custody	180
Sample Receipt Checklist	182

CASE NARRATIVE

Client: New York State D.E.C.

Project: DEC - GREATNECK110 SITE:130072

Report Number: 460-210542-1

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 06/04/2020; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.5 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 BY GC/MS

Samples Epa-ext-02 (460-210542-1) and Effluent (460-210542-2) were analyzed for Volatile Organic Compounds by GC/MS in accordance with EPA Method 624.1. The samples were analyzed on 06/12/2020.

No difficulties were encountered during the VOCs analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: New York State D.E.C.

Job ID: 460-210542-1

Project/Site: DEC - GREATNECK110 SITE:130072

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-210542-1	Epa-ext-02	Water	06/03/20 10:50	06/04/20 17:30	
460-210542-2	Effluent	Water	06/03/20 10:55	06/04/20 17:30	

Detection Summary

Client: New York State D.E.C.
Project/Site: DEC - GREATNECK110 SITE:130072

Job ID: 460-210542-1

Client Sample ID: Epa-ext-02

Lab Sample ID: 460-210542-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	3.3		1.0	0.25	ug/L	1		624.1	Total/NA

Client Sample ID: Effluent

Lab Sample ID: 460-210542-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.9		6.0	5.0	ug/L	1		624.1	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Edison

Method Summary

Client: New York State D.E.C.
Project/Site: DEC - GREATNECK110 SITE:130072

Job ID: 460-210542-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	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.

Laboratory References:

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

Client Sample Results

Client: New York State D.E.C.
Project/Site: DEC - GREATNECK110 SITE:130072

Job ID: 460-210542-1

Client Sample ID: Epa-ext-02

Lab Sample ID: 460-210542-1

Date Collected: 06/03/20 10:50

Matrix: Water

Date Received: 06/04/20 17:30

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.41	U	1.0	0.41	ug/L			06/12/20 14:44	1
Chloromethane	0.43	U	1.0	0.43	ug/L			06/12/20 14:44	1
Bromomethane	0.45	U	1.0	0.45	ug/L			06/12/20 14:44	1
Vinyl chloride	0.34	U	1.0	0.34	ug/L			06/12/20 14:44	1
Ethyl Chloride	0.32	U	1.0	0.32	ug/L			06/12/20 14:44	1
Trichlorofluoromethane	0.14	U	1.0	0.14	ug/L			06/12/20 14:44	1
Freon TF	0.31	U	1.0	0.31	ug/L			06/12/20 14:44	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			06/12/20 14:44	1
Acetone	5.0	U	6.0	5.0	ug/L			06/12/20 14:44	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			06/12/20 14:44	1
Methyl acetate	0.31	U	5.0	0.31	ug/L			06/12/20 14:44	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			06/12/20 14:44	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			06/12/20 14:44	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			06/12/20 14:44	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			06/12/20 14:44	1
MTBE	0.20	U	1.0	0.20	ug/L			06/12/20 14:44	1
Chloroform	0.33	U	1.0	0.33	ug/L			06/12/20 14:44	1
1,2-Dichloroethane	0.84	U	1.0	0.84	ug/L			06/12/20 14:44	1
2-Butanone	1.9	U	5.0	1.9	ug/L			06/12/20 14:44	1
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			06/12/20 14:44	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			06/12/20 14:44	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			06/12/20 14:44	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			06/12/20 14:44	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			06/12/20 14:44	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			06/12/20 14:44	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			06/12/20 14:44	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			06/12/20 14:44	1
Dibromochloromethane	0.13	U	1.0	0.13	ug/L			06/12/20 14:44	1
1,1,2-Trichloroethane	0.15	U	1.0	0.15	ug/L			06/12/20 14:44	1
Benzene	0.43	U	1.0	0.43	ug/L			06/12/20 14:44	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			06/12/20 14:44	1
Bromoform	0.54	U	1.0	0.54	ug/L			06/12/20 14:44	1
Isopropylbenzene	0.16	U	1.0	0.16	ug/L			06/12/20 14:44	1
4-Methyl-2-pentanone	2.7	U	5.0	2.7	ug/L			06/12/20 14:44	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			06/12/20 14:44	1
Tetrachloroethene	3.3		1.0	0.25	ug/L			06/12/20 14:44	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			06/12/20 14:44	1
Toluene	0.38	U	1.0	0.38	ug/L			06/12/20 14:44	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			06/12/20 14:44	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			06/12/20 14:44	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			06/12/20 14:44	1
Styrene	0.42	U	1.0	0.42	ug/L			06/12/20 14:44	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			06/12/20 14:44	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			06/12/20 14:44	1
1,4-Dichlorobenzene	0.18	U	1.0	0.18	ug/L			06/12/20 14:44	1
1,2-Dichlorobenzene	0.19	U	1.0	0.19	ug/L			06/12/20 14:44	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			06/12/20 14:44	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			06/12/20 14:44	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: DEC - GREATNECK110 SITE:130072

Job ID: 460-210542-1

Client Sample ID: Epa-ext-02

Lab Sample ID: 460-210542-1

Date Collected: 06/03/20 10:55

Matrix: Water

Date Received: 06/04/20 17:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		60 - 140		06/12/20 14:44	1
Toluene-d8 (Surr)	104		60 - 140		06/12/20 14:44	1
Bromofluorobenzene	88		60 - 140		06/12/20 14:44	1
Dibromofluoromethane (Surr)	99		60 - 140		06/12/20 14:44	1

Client Sample ID: Effluent

Lab Sample ID: 460-210542-2

Date Collected: 06/03/20 10:55

Matrix: Water

Date Received: 06/04/20 17:30

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.41	U	1.0	0.41	ug/L			06/12/20 14:21	1
Chloromethane	0.43	U	1.0	0.43	ug/L			06/12/20 14:21	1
Bromomethane	0.45	U	1.0	0.45	ug/L			06/12/20 14:21	1
Vinyl chloride	0.34	U	1.0	0.34	ug/L			06/12/20 14:21	1
Ethyl Chloride	0.32	U	1.0	0.32	ug/L			06/12/20 14:21	1
Trichlorofluoromethane	0.14	U	1.0	0.14	ug/L			06/12/20 14:21	1
Freon TF	0.31	U	1.0	0.31	ug/L			06/12/20 14:21	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			06/12/20 14:21	1
Acetone	6.9		6.0	5.0	ug/L			06/12/20 14:21	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			06/12/20 14:21	1
Methyl acetate	0.31	U	5.0	0.31	ug/L			06/12/20 14:21	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			06/12/20 14:21	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			06/12/20 14:21	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			06/12/20 14:21	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			06/12/20 14:21	1
MTBE	0.20	U	1.0	0.20	ug/L			06/12/20 14:21	1
Chloroform	0.33	U	1.0	0.33	ug/L			06/12/20 14:21	1
1,2-Dichloroethane	0.84	U	1.0	0.84	ug/L			06/12/20 14:21	1
2-Butanone	1.9	U	5.0	1.9	ug/L			06/12/20 14:21	1
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			06/12/20 14:21	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			06/12/20 14:21	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			06/12/20 14:21	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			06/12/20 14:21	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			06/12/20 14:21	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			06/12/20 14:21	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			06/12/20 14:21	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			06/12/20 14:21	1
Dibromochloromethane	0.13	U	1.0	0.13	ug/L			06/12/20 14:21	1
1,1,2-Trichloroethane	0.15	U	1.0	0.15	ug/L			06/12/20 14:21	1
Benzene	0.43	U	1.0	0.43	ug/L			06/12/20 14:21	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			06/12/20 14:21	1
Bromoform	0.54	U	1.0	0.54	ug/L			06/12/20 14:21	1
Isopropylbenzene	0.16	U	1.0	0.16	ug/L			06/12/20 14:21	1
4-Methyl-2-pentanone	2.7	U	5.0	2.7	ug/L			06/12/20 14:21	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			06/12/20 14:21	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			06/12/20 14:21	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			06/12/20 14:21	1
Toluene	0.38	U	1.0	0.38	ug/L			06/12/20 14:21	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			06/12/20 14:21	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: DEC - GREATNECK110 SITE:130072

Job ID: 460-210542-1

Client Sample ID: Effluent

Lab Sample ID: 460-210542-2

Date Collected: 06/03/20 10:55

Matrix: Water

Date Received: 06/04/20 17:30

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.38	U	1.0	0.38	ug/L			06/12/20 14:21	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			06/12/20 14:21	1
Styrene	0.42	U	1.0	0.42	ug/L			06/12/20 14:21	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			06/12/20 14:21	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			06/12/20 14:21	1
1,4-Dichlorobenzene	0.18	U	1.0	0.18	ug/L			06/12/20 14:21	1
1,2-Dichlorobenzene	0.19	U	1.0	0.19	ug/L			06/12/20 14:21	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			06/12/20 14:21	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			06/12/20 14:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	78		60 - 140					06/12/20 14:21	1
Toluene-d8 (Surr)	76		60 - 140					06/12/20 14:21	1
Bromofluorobenzene	64		60 - 140					06/12/20 14:21	1
Dibromofluoromethane (Surr)	75		60 - 140					06/12/20 14:21	1

Surrogate Summary

Client: New York State D.E.C.
Project/Site: DEC - GREATNECK110 SITE:130072

Job ID: 460-210542-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (60-140)	TOL (60-140)	BFB (60-140)	DBFM (60-140)
460-210542-1	Epa-ext-02	105	104	88	99
460-210542-2	Effluent	78	76	64	75
460-210584-B-1 MS	Matrix Spike	80	83	73	77
460-210584-B-1 MSD	Matrix Spike Duplicate	105	106	90	99
LCS 460-700829/4	Lab Control Sample	85	86	75	80
MB 460-700829/9	Method Blank	84	84	71	80

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: New York State D.E.C.
Project/Site: DEC - GREATNECK110 SITE:130072

Job ID: 460-210542-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-700829/9

Matrix: Water

Analysis Batch: 700829

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.41	U	1.0	0.41	ug/L			06/12/20 09:04	1
Chloromethane	0.43	U	1.0	0.43	ug/L			06/12/20 09:04	1
Bromomethane	0.45	U	1.0	0.45	ug/L			06/12/20 09:04	1
Vinyl chloride	0.34	U	1.0	0.34	ug/L			06/12/20 09:04	1
Ethyl Chloride	0.32	U	1.0	0.32	ug/L			06/12/20 09:04	1
Trichlorofluoromethane	0.14	U	1.0	0.14	ug/L			06/12/20 09:04	1
Freon TF	0.31	U	1.0	0.31	ug/L			06/12/20 09:04	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			06/12/20 09:04	1
Acetone	5.0	U	6.0	5.0	ug/L			06/12/20 09:04	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			06/12/20 09:04	1
Methyl acetate	0.31	U	5.0	0.31	ug/L			06/12/20 09:04	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			06/12/20 09:04	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			06/12/20 09:04	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			06/12/20 09:04	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			06/12/20 09:04	1
MTBE	0.20	U	1.0	0.20	ug/L			06/12/20 09:04	1
Chloroform	0.33	U	1.0	0.33	ug/L			06/12/20 09:04	1
1,2-Dichloroethane	0.84	U	1.0	0.84	ug/L			06/12/20 09:04	1
2-Butanone	1.9	U	5.0	1.9	ug/L			06/12/20 09:04	1
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			06/12/20 09:04	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			06/12/20 09:04	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			06/12/20 09:04	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			06/12/20 09:04	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			06/12/20 09:04	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			06/12/20 09:04	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			06/12/20 09:04	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			06/12/20 09:04	1
Dibromochloromethane	0.13	U	1.0	0.13	ug/L			06/12/20 09:04	1
1,1,2-Trichloroethane	0.15	U	1.0	0.15	ug/L			06/12/20 09:04	1
Benzene	0.43	U	1.0	0.43	ug/L			06/12/20 09:04	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			06/12/20 09:04	1
Bromoform	0.54	U	1.0	0.54	ug/L			06/12/20 09:04	1
Isopropylbenzene	0.16	U	1.0	0.16	ug/L			06/12/20 09:04	1
4-Methyl-2-pentanone	2.7	U	5.0	2.7	ug/L			06/12/20 09:04	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			06/12/20 09:04	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			06/12/20 09:04	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			06/12/20 09:04	1
Toluene	0.38	U	1.0	0.38	ug/L			06/12/20 09:04	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			06/12/20 09:04	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			06/12/20 09:04	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			06/12/20 09:04	1
Styrene	0.42	U	1.0	0.42	ug/L			06/12/20 09:04	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			06/12/20 09:04	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			06/12/20 09:04	1
1,4-Dichlorobenzene	0.18	U	1.0	0.18	ug/L			06/12/20 09:04	1
1,2-Dichlorobenzene	0.19	U	1.0	0.19	ug/L			06/12/20 09:04	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			06/12/20 09:04	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			06/12/20 09:04	1

QC Sample Results

Client: New York State D.E.C.
Project/Site: DEC - GREATNECK110 SITE:130072

Job ID: 460-210542-1

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-700829/9

Matrix: Water

Analysis Batch: 700829

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		60 - 140		06/12/20 09:04	1
Toluene-d8 (Surr)	84		60 - 140		06/12/20 09:04	1
Bromofluorobenzene	71		60 - 140		06/12/20 09:04	1
Dibromofluoromethane (Surr)	80		60 - 140		06/12/20 09:04	1

Lab Sample ID: LCS 460-700829/4

Matrix: Water

Analysis Batch: 700829

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	20.0	21.0		ug/L		105	60 - 140
Chloromethane	20.0	14.0		ug/L		70	0.1 - 205
Bromomethane	20.0	13.8		ug/L		69	15 - 185
Vinyl chloride	20.0	15.7		ug/L		78	5 - 195
Ethyl Chloride	20.0	21.4		ug/L		107	40 - 160
Trichlorofluoromethane	20.0	19.9		ug/L		100	50 - 150
Freon TF	20.0	20.1		ug/L		100	60 - 140
Methylene Chloride	20.0	20.7		ug/L		104	60 - 140
Acetone	100	95.6		ug/L		96	60 - 140
Carbon disulfide	20.0	21.2		ug/L		106	60 - 140
Methyl acetate	40.0	35.9		ug/L		90	60 - 140
1,1-Dichloroethene	20.0	19.7		ug/L		99	50 - 150
1,1-Dichloroethane	20.0	22.8		ug/L		114	70 - 130
cis-1,2-Dichloroethene	20.0	20.4		ug/L		102	60 - 140
trans-1,2-Dichloroethene	20.0	20.3		ug/L		102	70 - 130
MTBE	20.0	21.0		ug/L		105	60 - 140
Chloroform	20.0	20.1		ug/L		100	70 - 135
1,2-Dichloroethane	20.0	20.5		ug/L		102	70 - 130
2-Butanone	100	91.4		ug/L		91	60 - 140
1,1,1-Trichloroethane	20.0	19.3		ug/L		96	70 - 130
Cyclohexane	20.0	21.2		ug/L		106	60 - 140
Carbon tetrachloride	20.0	18.8		ug/L		94	70 - 130
Bromodichloromethane	20.0	20.1		ug/L		100	65 - 135
1,2-Dichloropropane	20.0	22.3		ug/L		111	35 - 165
cis-1,3-Dichloropropene	20.0	22.3		ug/L		112	25 - 175
Trichloroethene	20.0	20.2		ug/L		101	65 - 135
Methylcyclohexane	20.0	22.7		ug/L		114	60 - 140
Dibromochloromethane	20.0	18.8		ug/L		94	70 - 135
1,1,2-Trichloroethane	20.0	20.4		ug/L		102	70 - 130
Benzene	20.0	22.3		ug/L		111	65 - 135
trans-1,3-Dichloropropene	20.0	20.7		ug/L		104	50 - 150
Bromoform	20.0	18.3		ug/L		91	70 - 130
Isopropylbenzene	20.0	19.9		ug/L		100	60 - 140
4-Methyl-2-pentanone	100	94.1		ug/L		94	60 - 140
2-Hexanone	100	93.3		ug/L		93	60 - 140
Tetrachloroethene	20.0	18.3		ug/L		91	70 - 130
1,2-Dibromoethane	20.0	20.2		ug/L		101	60 - 140
Toluene	20.0	20.5		ug/L		102	70 - 130

Eurofins TestAmerica, Edison

QC Sample Results

Client: New York State D.E.C.
Project/Site: DEC - GREATNECK110 SITE:130072

Job ID: 460-210542-1

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-700829/4

Matrix: Water

Analysis Batch: 700829

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	20.0	22.5		ug/L		113	60 - 140
Chlorobenzene	20.0	20.3		ug/L		102	65 - 135
Ethylbenzene	20.0	19.0		ug/L		95	60 - 140
Styrene	20.0	20.3		ug/L		102	60 - 140
1,2-Dibromo-3-Chloropropane	20.0	18.9		ug/L		95	60 - 140
1,3-Dichlorobenzene	20.0	19.9		ug/L		99	70 - 130
1,4-Dichlorobenzene	20.0	19.6		ug/L		98	65 - 135
1,2-Dichlorobenzene	20.0	19.8		ug/L		99	65 - 135
1,2,4-Trichlorobenzene	20.0	19.7		ug/L		98	60 - 140
Xylenes, Total	40.0	38.6		ug/L		97	60 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	85		60 - 140
Toluene-d8 (Surr)	86		60 - 140
Bromofluorobenzene	75		60 - 140
Dibromofluoromethane (Surr)	80		60 - 140

Lab Sample ID: 460-210584-B-1 MS

Matrix: Water

Analysis Batch: 700829

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
Dichlorodifluoromethane	0.41	U	200	199		ug/L		100	60 - 140
Chloromethane	0.43	U	200	127		ug/L		64	0.1 - 273
Bromomethane	0.45	U	200	129		ug/L		65	0.1 - 242
Vinyl chloride	0.34	U	200	151		ug/L		76	0.1 - 251
Ethyl Chloride	0.32	U	200	205		ug/L		103	14 - 230
Trichlorofluoromethane	0.14	U	200	194		ug/L		97	17 - 181
Freon TF	0.31	U	200	197		ug/L		99	60 - 140
Methylene Chloride	0.32	U	200	207		ug/L		104	0.1 - 221
Acetone	5.3	J	1000	889		ug/L		88	60 - 140
Carbon disulfide	0.16	U	200	209		ug/L		105	60 - 140
Methyl acetate	0.31	U	400	359		ug/L		90	60 - 140
1,1-Dichloroethene	0.12	U	200	196		ug/L		98	0.1 - 234
1,1-Dichloroethane	0.26	U	200	225		ug/L		113	59 - 155
cis-1,2-Dichloroethene	0.22	U	200	198		ug/L		99	60 - 140
trans-1,2-Dichloroethene	0.24	U	200	205		ug/L		102	54 - 156
MTBE	0.20	U	200	204		ug/L		102	60 - 140
Chloroform	3.5		200	203		ug/L		100	51 - 138
1,2-Dichloroethane	0.84	U	200	207		ug/L		103	49 - 155
2-Butanone	1.9	U	1000	879		ug/L		88	60 - 140
1,1,1-Trichloroethane	0.24	U	200	194		ug/L		97	52 - 162
Cyclohexane	0.32	U	200	214		ug/L		107	60 - 140
Carbon tetrachloride	0.21	U	200	189		ug/L		94	70 - 140
Bromodichloromethane	0.46	J	200	197		ug/L		98	35 - 155
1,2-Dichloropropane	0.35	U	200	224		ug/L		112	0.1 - 210
cis-1,3-Dichloropropene	0.46	U	200	217		ug/L		108	0.1 - 227
Trichloroethene	0.31	U	200	195		ug/L		97	70 - 157

Eurofins TestAmerica, Edison

QC Sample Results

Client: New York State D.E.C.
Project/Site: DEC - GREATNECK110 SITE:130072

Job ID: 460-210542-1

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-210584-B-1 MS

Matrix: Water

Analysis Batch: 700829

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
Methylcyclohexane	0.26	U	200	222		ug/L		111	60 - 140
Dibromochloromethane	0.13	U	200	188		ug/L		94	53 - 149
1,1,2-Trichloroethane	0.15	U	200	214		ug/L		107	52 - 150
Benzene	0.43	U	200	226		ug/L		113	37 - 151
trans-1,3-Dichloropropene	0.22	U	200	209		ug/L		105	17 - 183
Bromoform	0.54	U	200	176		ug/L		88	45 - 169
Isopropylbenzene	0.16	U	200	203		ug/L		101	60 - 140
4-Methyl-2-pentanone	2.7	U	1000	977		ug/L		98	60 - 140
2-Hexanone	2.9	U	1000	921		ug/L		92	60 - 140
Tetrachloroethene	0.25	U	200	185		ug/L		92	64 - 148
1,2-Dibromoethane	0.50	U	200	205		ug/L		102	60 - 140
Toluene	0.38	U	200	211		ug/L		105	47 - 150
1,1,2,2-Tetrachloroethane	0.37	U	200	227		ug/L		113	46 - 157
Chlorobenzene	0.38	U	200	202		ug/L		101	37 - 160
Ethylbenzene	0.30	U	200	195		ug/L		98	37 - 162
Styrene	0.42	U	200	202		ug/L		101	60 - 140
1,2-Dibromo-3-Chloropropane	0.38	U	200	192		ug/L		96	60 - 140
1,3-Dichlorobenzene	0.13	U	200	202		ug/L		101	59 - 156
1,4-Dichlorobenzene	0.18	U	200	196		ug/L		98	18 - 190
1,2-Dichlorobenzene	0.19	U	200	197		ug/L		99	18 - 190
1,2,4-Trichlorobenzene	0.37	U	200	197		ug/L		98	60 - 140
Xylenes, Total	0.65	U	400	394		ug/L		99	60 - 140

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	80		60 - 140
Toluene-d8 (Surr)	83		60 - 140
Bromofluorobenzene	73		60 - 140
Dibromofluoromethane (Surr)	77		60 - 140

Lab Sample ID: 460-210584-B-1 MSD

Matrix: Water

Analysis Batch: 700829

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
Dichlorodifluoromethane	0.41	U	200	208		ug/L		104	60 - 140	4	50
Chloromethane	0.43	U	200	138		ug/L		69	0.1 - 273	8	60
Bromomethane	0.45	U	200	134		ug/L		67	0.1 - 242	4	61
Vinyl chloride	0.34	U	200	155		ug/L		78	0.1 - 251	2	66
Ethyl Chloride	0.32	U	200	206		ug/L		103	14 - 230	0	78
Trichlorofluoromethane	0.14	U	200	197		ug/L		99	17 - 181	2	84
Freon TF	0.31	U	200	201		ug/L		101	60 - 140	2	50
Methylene Chloride	0.32	U	200	203		ug/L		102	0.1 - 221	2	28
Acetone	5.3	J	1000	862		ug/L		86	60 - 140	3	50
Carbon disulfide	0.16	U	200	212		ug/L		106	60 - 140	1	50
Methyl acetate	0.31	U	400	352		ug/L		88	60 - 140	2	50
1,1-Dichloroethene	0.12	U	200	199		ug/L		100	0.1 - 234	2	32
1,1-Dichloroethane	0.26	U	200	224		ug/L		112	59 - 155	0	40
cis-1,2-Dichloroethene	0.22	U	200	203		ug/L		101	60 - 140	2	50

Eurofins TestAmerica, Edison

QC Sample Results

Client: New York State D.E.C.
Project/Site: DEC - GREATNECK110 SITE:130072

Job ID: 460-210542-1

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-210584-B-1 MSD

Matrix: Water

Analysis Batch: 700829

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
trans-1,2-Dichloroethene	0.24	U	200	204		ug/L		102	54 - 156	0	45
MTBE	0.20	U	200	211		ug/L		105	60 - 140	3	50
Chloroform	3.5		200	205		ug/L		101	51 - 138	1	54
1,2-Dichloroethane	0.84	U	200	202		ug/L		101	49 - 155	2	49
2-Butanone	1.9	U	1000	881		ug/L		88	60 - 140	0	50
1,1,1-Trichloroethane	0.24	U	200	198		ug/L		99	52 - 162	2	36
Cyclohexane	0.32	U	200	220		ug/L		110	60 - 140	3	50
Carbon tetrachloride	0.21	U	200	194		ug/L		97	70 - 140	3	41
Bromodichloromethane	0.46	J	200	194		ug/L		97	35 - 155	1	56
1,2-Dichloropropane	0.35	U	200	223		ug/L		111	0.1 - 210	0	55
cis-1,3-Dichloropropene	0.46	U	200	209		ug/L		105	0.1 - 227	4	58
Trichloroethene	0.31	U	200	195		ug/L		97	70 - 157	0	48
Methylcyclohexane	0.26	U	200	230		ug/L		115	60 - 140	3	50
Dibromochloromethane	0.13	U	200	183		ug/L		92	53 - 149	3	50
1,1,2-Trichloroethane	0.15	U	200	202		ug/L		101	52 - 150	6	45
Benzene	0.43	U	200	221		ug/L		111	37 - 151	2	61
trans-1,3-Dichloropropene	0.22	U	200	210		ug/L		105	17 - 183	0	86
Bromoform	0.54	U	200	181		ug/L		91	45 - 169	3	42
Isopropylbenzene	0.16	U	200	202		ug/L		101	60 - 140	0	50
4-Methyl-2-pentanone	2.7	U	1000	926		ug/L		93	60 - 140	5	50
2-Hexanone	2.9	U	1000	926		ug/L		93	60 - 140	1	50
Tetrachloroethene	0.25	U	200	181		ug/L		91	64 - 148	2	39
1,2-Dibromoethane	0.50	U	200	200		ug/L		100	60 - 140	2	50
Toluene	0.38	U	200	203		ug/L		102	47 - 150	4	41
1,1,2,2-Tetrachloroethane	0.37	U	200	222		ug/L		111	46 - 157	2	61
Chlorobenzene	0.38	U	200	203		ug/L		101	37 - 160	1	53
Ethylbenzene	0.30	U	200	193		ug/L		97	37 - 162	1	63
Styrene	0.42	U	200	198		ug/L		99	60 - 140	2	50
1,2-Dibromo-3-Chloropropane	0.38	U	200	188		ug/L		94	60 - 140	2	50
1,3-Dichlorobenzene	0.13	U	200	197		ug/L		99	59 - 156	3	43
1,4-Dichlorobenzene	0.18	U	200	192		ug/L		96	18 - 190	2	57
1,2-Dichlorobenzene	0.19	U	200	195		ug/L		97	18 - 190	1	57
1,2,4-Trichlorobenzene	0.37	U	200	197		ug/L		98	60 - 140	0	50
Xylenes, Total	0.65	U	400	385		ug/L		96	60 - 140	2	50

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		60 - 140
Toluene-d8 (Surr)	106		60 - 140
Bromofluorobenzene	90		60 - 140
Dibromofluoromethane (Surr)	99		60 - 140

Definitions/Glossary

Client: New York State D.E.C.
Project/Site: DEC - GREATNECK110 SITE:130072

Job ID: 460-210542-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

QC Association Summary

Client: New York State D.E.C.
Project/Site: DEC - GREATNECK110 SITE:130072

Job ID: 460-210542-1

GC/MS VOA

Analysis Batch: 700829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-210542-1	Epa-ext-02	Total/NA	Water	624.1	
460-210542-2	Effluent	Total/NA	Water	624.1	
MB 460-700829/9	Method Blank	Total/NA	Water	624.1	
LCS 460-700829/4	Lab Control Sample	Total/NA	Water	624.1	
460-210584-B-1 MS	Matrix Spike	Total/NA	Water	624.1	
460-210584-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	624.1	

Lab Chronicle

Client: New York State D.E.C.
Project/Site: DEC - GREATNECK110 SITE:130072

Job ID: 460-210542-1

Client Sample ID: Epa-ext-02

Date Collected: 06/03/20 10:50

Date Received: 06/04/20 17:30

Lab Sample ID: 460-210542-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	700829	06/12/20 14:44	CJM	TAL EDI

Client Sample ID: Effluent

Date Collected: 06/03/20 10:55

Date Received: 06/04/20 17:30

Lab Sample ID: 460-210542-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	700829	06/12/20 14:21	CJM	TAL EDI

Laboratory References:

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

Accreditation/Certification Summary

Client: New York State D.E.C.

Job ID: 460-210542-1

Project/Site: DEC - GREATNECK110 SITE:130072

Laboratory: Eurofins TestAmerica, Edison

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

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0200	09-30-20
DE Haz. Subst. Cleanup Act (HSCA)	State	<cert No.>	12-31-21
Georgia	State	12028 (NJ)	06-30-20
Massachusetts	State	M-NJ312	06-30-20
New Jersey	NELAP	12028	06-30-20
New York	NELAP	11452	04-01-21
Pennsylvania	NELAP	68-00522	02-28-21
Rhode Island	State	LAO00132	12-31-20
USDA	US Federal Programs	P330-18-00135	05-03-21

624.1_PREC

Volatile Organic Compounds (GC/MS)

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1
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 #
Epa-ext-02	460-210542-1	99	105	104	88
Effluent	460-210542-2	75	78	76	64
	MB 460-700829/9	80	84	84	71
	LCS 460-700829/4	80	85	86	75
	460-210584-B-1 MS	77	80	83	73
	460-210584-B-1 MSD	99	105	106	90

	<u>QC LIMITS</u>
DBFM = Dibromofluoromethane (Surr)	60-140
DCA = 1,2-Dichloroethane-d4 (Surr)	60-140
TOL = Toluene-d8 (Surr)	60-140
BFB = Bromofluorobenzene	60-140

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-210542-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: N20240.D

Lab ID: LCS 460-700829/4

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	21.0	105	60-140	
Chloromethane	20.0	14.0	70	0.1-205	
Bromomethane	20.0	13.8	69	15-185	
Vinyl chloride	20.0	15.7	78	5-195	
Ethyl Chloride	20.0	21.4	107	40-160	
Trichlorofluoromethane	20.0	19.9	100	50-150	
Freon TF	20.0	20.1	100	60-140	
Methylene Chloride	20.0	20.7	104	60-140	
Acetone	100	95.6	96	60-140	
Carbon disulfide	20.0	21.2	106	60-140	
Methyl acetate	40.0	35.9	90	60-140	
1,1-Dichloroethene	20.0	19.7	99	50-150	
1,1-Dichloroethane	20.0	22.8	114	70-130	
cis-1,2-Dichloroethene	20.0	20.4	102	60-140	
trans-1,2-Dichloroethene	20.0	20.3	102	70-130	
MTBE	20.0	21.0	105	60-140	
Chloroform	20.0	20.1	100	70-135	
1,2-Dichloroethane	20.0	20.5	102	70-130	
2-Butanone	100	91.4	91	60-140	
1,1,1-Trichloroethane	20.0	19.3	96	70-130	
Cyclohexane	20.0	21.2	106	60-140	
Carbon tetrachloride	20.0	18.8	94	70-130	
Bromodichloromethane	20.0	20.1	100	65-135	
1,2-Dichloropropane	20.0	22.3	111	35-165	
cis-1,3-Dichloropropene	20.0	22.3	112	25-175	
Trichloroethene	20.0	20.2	101	65-135	
Methylcyclohexane	20.0	22.7	114	60-140	
Dibromochloromethane	20.0	18.8	94	70-135	
1,1,2-Trichloroethane	20.0	20.4	102	70-130	
Benzene	20.0	22.3	111	65-135	
trans-1,3-Dichloropropene	20.0	20.7	104	50-150	
Bromoform	20.0	18.3	91	70-130	
Isopropylbenzene	20.0	19.9	100	60-140	
4-Methyl-2-pentanone	100	94.1	94	60-140	
2-Hexanone	100	93.3	93	60-140	
Tetrachloroethene	20.0	18.3	91	70-130	
1,2-Dibromoethane	20.0	20.2	101	60-140	
Toluene	20.0	20.5	102	70-130	
1,1,2,2-Tetrachloroethane	20.0	22.5	113	60-140	
Chlorobenzene	20.0	20.3	102	65-135	
Ethylbenzene	20.0	19.0	95	60-140	
Styrene	20.0	20.3	102	60-140	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: N20240.D
Lab ID: LCS 460-700829/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,2-Dibromo-3-Chloropropane	20.0	18.9	95	60-140	
1,3-Dichlorobenzene	20.0	19.9	99	70-130	
1,4-Dichlorobenzene	20.0	19.6	98	65-135	
1,2-Dichlorobenzene	20.0	19.8	99	65-135	
1,2,4-Trichlorobenzene	20.0	19.7	98	60-140	
Xylenes, Total	40.0	38.6	97	60-140	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-210542-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: N20251.D

Lab ID: 460-210584-B-1 MS

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	200	0.41 U	199	100	60-140	
Chloromethane	200	0.43 U	127	64	0.1-273	
Bromomethane	200	0.45 U	129	65	0.1-242	
Vinyl chloride	200	0.34 U	151	76	0.1-251	
Ethyl Chloride	200	0.32 U	205	103	14-230	
Trichlorofluoromethane	200	0.14 U	194	97	17-181	
Freon TF	200	0.31 U	197	99	60-140	
Methylene Chloride	200	0.32 U	207	104	0.1-221	
Acetone	1000	5.3 J	889	88	60-140	
Carbon disulfide	200	0.16 U	209	105	60-140	
Methyl acetate	400	0.31 U	359	90	60-140	
1,1-Dichloroethene	200	0.12 U	196	98	0.1-234	
1,1-Dichloroethane	200	0.26 U	225	113	59-155	
cis-1,2-Dichloroethene	200	0.22 U	198	99	60-140	
trans-1,2-Dichloroethene	200	0.24 U	205	102	54-156	
MTBE	200	0.20 U	204	102	60-140	
Chloroform	200	3.5	203	100	51-138	
1,2-Dichloroethane	200	0.84 U	207	103	49-155	
2-Butanone	1000	1.9 U	879	88	60-140	
1,1,1-Trichloroethane	200	0.24 U	194	97	52-162	
Cyclohexane	200	0.32 U	214	107	60-140	
Carbon tetrachloride	200	0.21 U	189	94	70-140	
Bromodichloromethane	200	0.46 J	197	98	35-155	
1,2-Dichloropropane	200	0.35 U	224	112	0.1-210	
cis-1,3-Dichloropropene	200	0.46 U	217	108	0.1-227	
Trichloroethene	200	0.31 U	195	97	70-157	
Methylcyclohexane	200	0.26 U	222	111	60-140	
Dibromochloromethane	200	0.13 U	188	94	53-149	
1,1,2-Trichloroethane	200	0.15 U	214	107	52-150	
Benzene	200	0.43 U	226	113	37-151	
trans-1,3-Dichloropropene	200	0.22 U	209	105	17-183	
Bromoform	200	0.54 U	176	88	45-169	
Isopropylbenzene	200	0.16 U	203	101	60-140	
4-Methyl-2-pentanone	1000	2.7 U	977	98	60-140	
2-Hexanone	1000	2.9 U	921	92	60-140	
Tetrachloroethene	200	0.25 U	185	92	64-148	
1,2-Dibromoethane	200	0.50 U	205	102	60-140	
Toluene	200	0.38 U	211	105	47-150	
1,1,2,2-Tetrachloroethane	200	0.37 U	227	113	46-157	
Chlorobenzene	200	0.38 U	202	101	37-160	
Ethylbenzene	200	0.30 U	195	98	37-162	
Styrene	200	0.42 U	202	101	60-140	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: N20251.D
 Lab ID: 460-210584-B-1 MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,2-Dibromo-3-Chloropropane	200	0.38 U	192	96	60-140	
1,3-Dichlorobenzene	200	0.13 U	202	101	59-156	
1,4-Dichlorobenzene	200	0.18 U	196	98	18-190	
1,2-Dichlorobenzene	200	0.19 U	197	99	18-190	
1,2,4-Trichlorobenzene	200	0.37 U	197	98	60-140	
Xylenes, Total	400	0.65 U	394	99	60-140	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-210542-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: N20252.D

Lab ID: 460-210584-B-1 MSD

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Dichlorodifluoromethane	200	208	104	4	50	60-140	
Chloromethane	200	138	69	8	60	0.1-273	
Bromomethane	200	134	67	4	61	0.1-242	
Vinyl chloride	200	155	78	2	66	0.1-251	
Ethyl Chloride	200	206	103	0	78	14-230	
Trichlorofluoromethane	200	197	99	2	84	17-181	
Freon TF	200	201	101	2	50	60-140	
Methylene Chloride	200	203	102	2	28	0.1-221	
Acetone	1000	862	86	3	50	60-140	
Carbon disulfide	200	212	106	1	50	60-140	
Methyl acetate	400	352	88	2	50	60-140	
1,1-Dichloroethene	200	199	100	2	32	0.1-234	
1,1-Dichloroethane	200	224	112	0	40	59-155	
cis-1,2-Dichloroethene	200	203	101	2	50	60-140	
trans-1,2-Dichloroethene	200	204	102	0	45	54-156	
MTBE	200	211	105	3	50	60-140	
Chloroform	200	205	101	1	54	51-138	
1,2-Dichloroethane	200	202	101	2	49	49-155	
2-Butanone	1000	881	88	0	50	60-140	
1,1,1-Trichloroethane	200	198	99	2	36	52-162	
Cyclohexane	200	220	110	3	50	60-140	
Carbon tetrachloride	200	194	97	3	41	70-140	
Bromodichloromethane	200	194	97	1	56	35-155	
1,2-Dichloropropane	200	223	111	0	55	0.1-210	
cis-1,3-Dichloropropene	200	209	105	4	58	0.1-227	
Trichloroethene	200	195	97	0	48	70-157	
Methylcyclohexane	200	230	115	3	50	60-140	
Dibromochloromethane	200	183	92	3	50	53-149	
1,1,2-Trichloroethane	200	202	101	6	45	52-150	
Benzene	200	221	111	2	61	37-151	
trans-1,3-Dichloropropene	200	210	105	0	86	17-183	
Bromoform	200	181	91	3	42	45-169	
Isopropylbenzene	200	202	101	0	50	60-140	
4-Methyl-2-pentanone	1000	926	93	5	50	60-140	
2-Hexanone	1000	926	93	1	50	60-140	
Tetrachloroethene	200	181	91	2	39	64-148	
1,2-Dibromoethane	200	200	100	2	50	60-140	
Toluene	200	203	102	4	41	47-150	
1,1,2,2-Tetrachloroethane	200	222	111	2	61	46-157	
Chlorobenzene	200	203	101	1	53	37-160	
Ethylbenzene	200	193	97	1	63	37-162	
Styrene	200	198	99	2	50	60-140	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: N20252.D
 Lab ID: 460-210584-B-1 MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,2-Dibromo-3-Chloropropane	200	188	94	2	50	60-140	
1,3-Dichlorobenzene	200	197	99	3	43	59-156	
1,4-Dichlorobenzene	200	192	96	2	57	18-190	
1,2-Dichlorobenzene	200	195	97	1	57	18-190	
1,2,4-Trichlorobenzene	200	197	98	0	50	60-140	
Xylenes, Total	400	385	96	2	50	60-140	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1
SDG No.: _____
Lab File ID: N20245.D Lab Sample ID: MB 460-700829/9
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS11 Date Analyzed: 06/12/2020 09:04
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 460-700829/4	N20240.D	06/12/2020 07:11
	460-210584-B-1 MS	N20251.D	06/12/2020 11:21
	460-210584-B-1 MSD	N20252.D	06/12/2020 11:43
Effluent	460-210542-2	N20259.D	06/12/2020 14:21
Epa-ext-02	460-210542-1	N20260.D	06/12/2020 14:44

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1
 SDG No.: _____
 Lab File ID: N18999.D BFB Injection Date: 05/13/2020
 Instrument ID: CVOAMS11 BFB Injection Time: 14:11
 Analysis Batch No.: 694172

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	24.6
75	30.0 - 60.0 % of mass 95	54.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.3
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	64.3
175	5.0 - 9.0 % of mass 174	5.2 (8.1) 1
176	95.0 - 101.0 % of mass 174	63.2 (98.2) 1
177	5.0 - 9.0 % of mass 176	5.0 (8.0) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-694172/3	N19001.D	05/13/2020	14:57
	STD1 460-694172/4	N19002.D	05/13/2020	15:22
	STD5 460-694172/5	N19003.D	05/13/2020	15:45
	STD20 460-694172/6	N19004.D	05/13/2020	16:08
	STD50 460-694172/7	N19005.D	05/13/2020	16:30
	STD200 460-694172/8	N19006.D	05/13/2020	16:53
	STD500 460-694172/9	N19007.D	05/13/2020	17:15

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1
SDG No.: _____
Lab File ID: N20237.D BFB Injection Date: 06/12/2020
Instrument ID: CVOAMS11 BFB Injection Time: 06:01
Analysis Batch No.: 700829

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	20.4
75	30.0 - 60.0 % of mass 95	48.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.8
173	Less than 2.0 % of mass 174	0.7 (0.9) 1
174	50.0 - 120.00 % of mass 95	72.7
175	5.0 - 9.0 % of mass 174	5.2 (7.1) 1
176	95.0 - 101.0 % of mass 174	72.1 (99.2) 1
177	5.0 - 9.0 % of mass 176	4.2 (5.8) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-700829/3	N20239.D	06/12/2020	6:49
	LCS 460-700829/4	N20240.D	06/12/2020	7:11
	MB 460-700829/9	N20245.D	06/12/2020	9:04
	460-210584-B-1 MS	N20251.D	06/12/2020	11:21
	460-210584-B-1 MSD	N20252.D	06/12/2020	11:43
Effluent	460-210542-2	N20259.D	06/12/2020	14:21
Epa-ext-02	460-210542-1	N20260.D	06/12/2020	14:44

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1
 SDG No.: _____
 Sample No.: CCVIS 460-700829/3 Date Analyzed: 06/12/2020 06:49
 Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): N20239.D Heated Purge: (Y/N) N
 Calibration ID: 79948

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		57266	2.93	481349	3.96	634189	5.03
UPPER LIMIT		114532	3.43	962698	4.46	1268378	5.53
LOWER LIMIT		28633	2.43	240675	3.46	317095	4.53
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-700829/4		58683	2.94	481295	3.97	636225	5.03
MB 460-700829/9		55342	2.94	495091	3.97	636363	5.04
460-210584-B-1 MS		58295	2.93	498398	3.96	657453	5.03
460-210584-B-1 MSD		59896	2.94	507500	3.97	650793	5.03
460-210542-2	Effluent	58252	2.94	508536	3.97	630815	5.04
460-210542-1	Epa-ext-02	58429	2.94	519976	3.96	632787	5.03

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

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1
 SDG No.: _____
 Sample No.: CCVIS 460-700829/3 Date Analyzed: 06/12/2020 06:49
 Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): N20239.D Heated Purge: (Y/N) N
 Calibration ID: 79948

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		40217	5.72	437936	8.43	231507	11.05
UPPER LIMIT		80434	6.22	875872	8.93	463014	11.55
LOWER LIMIT		20109	5.22	218968	7.93	115754	10.55
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-700829/4		40657	5.72	441811	8.43	241742	11.05
MB 460-700829/9		36994	5.72	430118	8.44	223085	11.05
460-210584-B-1 MS		40406	5.72	447621	8.43	242407	11.05
460-210584-B-1 MSD		40608	5.72	453832	8.44	245714	11.05
460-210542-2	Effluent	37003	5.72	431123	8.44	225007	11.05
460-210542-1	Epa-ext-02	37504	5.72	428576	8.43	227166	11.05

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

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

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

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1
 SDG No.: _____
 Client Sample ID: Epa-ext-02 Lab Sample ID: 460-210542-1
 Matrix: Water Lab File ID: N20260.D
 Analysis Method: 624.1 Date Collected: 06/03/2020 10:50
 Sample wt/vol: 5(mL) Date Analyzed: 06/12/2020 14:44
 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.: 700829 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.41	U	1.0	0.41
74-87-3	Chloromethane	0.43	U	1.0	0.43
74-83-9	Bromomethane	0.45	U	1.0	0.45
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Ethyl Chloride	0.32	U	1.0	0.32
75-69-4	Trichlorofluoromethane	0.14	U	1.0	0.14
76-13-1	Freon TF	0.31	U	1.0	0.31
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
67-64-1	Acetone	5.0	U	6.0	5.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
79-20-9	Methyl acetate	0.31	U	5.0	0.31
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
1634-04-4	MTBE	0.20	U	1.0	0.20
67-66-3	Chloroform	0.33	U	1.0	0.33
107-06-2	1,2-Dichloroethane	0.84	U	1.0	0.84
78-93-3	2-Butanone	1.9	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
110-82-7	Cyclohexane	0.32	U	1.0	0.32
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
79-01-6	Trichloroethene	0.31	U	1.0	0.31
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
124-48-1	Dibromochloromethane	0.13	U	1.0	0.13
79-00-5	1,1,2-Trichloroethane	0.15	U	1.0	0.15
71-43-2	Benzene	0.43	U	1.0	0.43
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
75-25-2	Bromoform	0.54	U	1.0	0.54
98-82-8	Isopropylbenzene	0.16	U	1.0	0.16
108-10-1	4-Methyl-2-pentanone	2.7	U	5.0	2.7
591-78-6	2-Hexanone	2.9	U	5.0	2.9
127-18-4	Tetrachloroethene	3.3		1.0	0.25

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1
 SDG No.: _____
 Client Sample ID: Epa-ext-02 Lab Sample ID: 460-210542-1
 Matrix: Water Lab File ID: N20260.D
 Analysis Method: 624.1 Date Collected: 06/03/2020 10:50
 Sample wt/vol: 5 (mL) Date Analyzed: 06/12/2020 14:44
 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.: 700829 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
108-88-3	Toluene	0.38	U	1.0	0.38
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
100-42-5	Styrene	0.42	U	1.0	0.42
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
541-73-1	1,3-Dichlorobenzene	0.13	U	1.0	0.13
106-46-7	1,4-Dichlorobenzene	0.18	U	1.0	0.18
95-50-1	1,2-Dichlorobenzene	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		60-140
2037-26-5	Toluene-d8 (Surr)	104		60-140
460-00-4	Bromofluorobenzene	88		60-140
1868-53-7	Dibromofluoromethane (Surr)	99		60-140

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\N20260.D
 Lims ID: 460-210542-B-1
 Client ID: Epa-ext-02
 Sample Type: Client
 Inject. Date: 12-Jun-2020 14:44:30 ALS Bottle#: 23 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-210542-B-1
 Misc. Info.: 460-0111517-024
 Operator ID: Instrument ID: CVOAMS11
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\8260W_11.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 14-Jun-2020 11:54:25 Calib Date: 13-May-2020 17:15:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19007.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1045

First Level Reviewer: xuyvo

Date: 14-Jun-2020 11:54:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.935	2.934	0.001	68	58429	1000.0	
* 43 2-Butanone-d5	46	3.963	3.963	0.000	94	519976	250.0	
\$ 56 Dibromofluoromethane (Surr)	113	4.425	4.425	0.000	96	142984	49.6	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.766	4.766	0.000	83	183021	52.3	
* 67 Fluorobenzene	96	5.033	5.033	0.000	98	632787	50.0	
* 73 1,4-Dioxane-d8	96	5.715	5.715	0.000	74	37504	1000.0	
\$ 84 Toluene-d8 (Surr)	98	6.676	6.676	0.000	98	535780	52.1	
89 Tetrachloroethene	166	7.351	7.345	0.006	94	7969	3.26	
* 95 Chlorobenzene-d5	117	8.434	8.434	0.000	88	428576	50.0	
\$ 106 4-Bromofluorobenzene	174	9.900	9.900	0.000	87	141635	44.1	
* 122 1,4-Dichlorobenzene-d4	152	11.050	11.050	0.000	98	227166	50.0	

Reagents:

8260SURR250_00208

Amount Added: 1.00

Units: uL

Run Reagent

8260ISNEW_00139

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\N20260.D

Injection Date: 12-Jun-2020 14:44:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: 460-210542-B-1

Lab Sample ID: 460-210542-1

Worklist Smp#: 24

Client ID: Epa-ext-02

Purge Vol: 5.000 mL

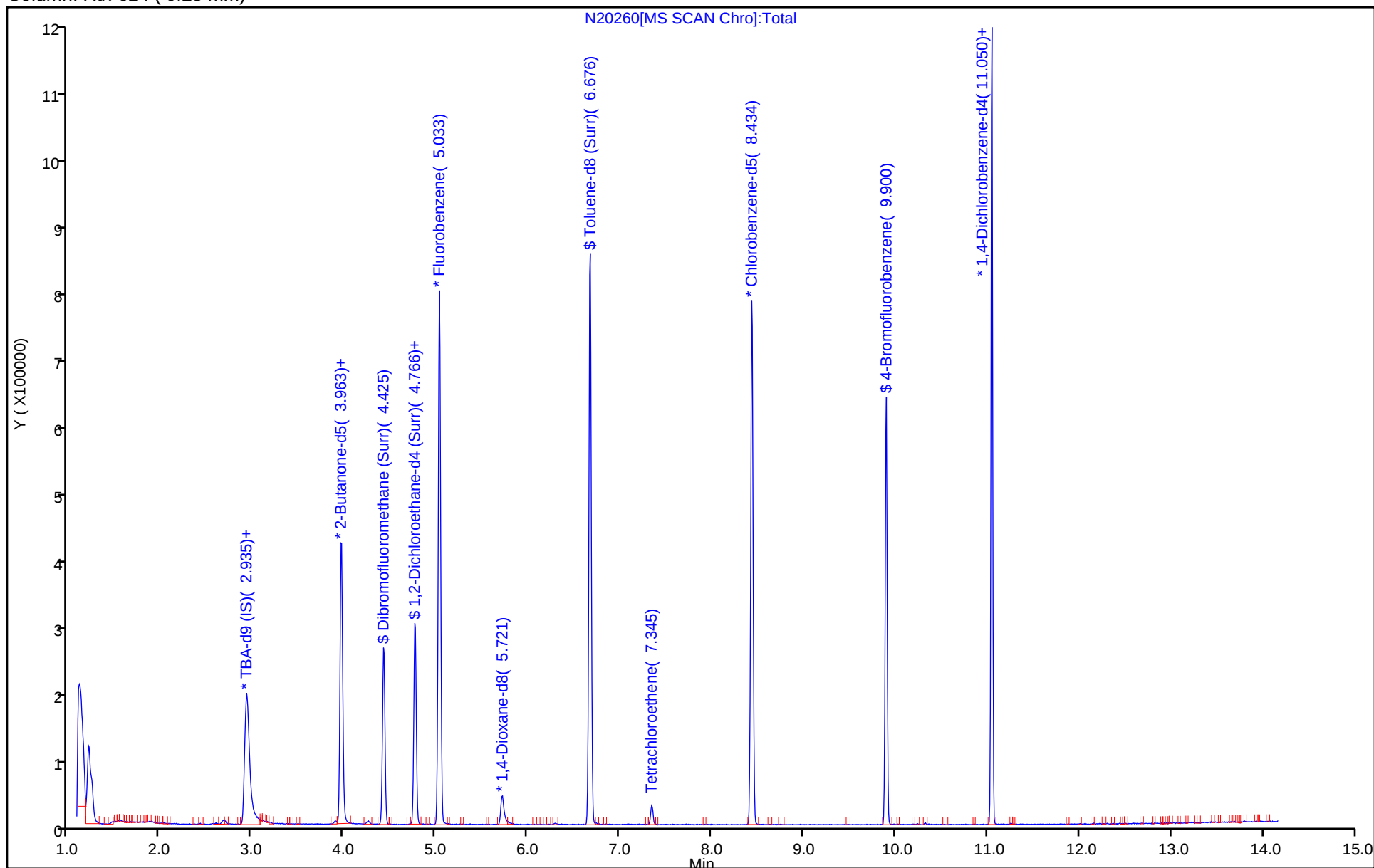
Dil. Factor: 1.0000

ALS Bottle#: 23

Method: 8260W_11

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\N20260.D

Injection Date: 12-Jun-2020 14:44:30

Instrument ID: CVOAMS11

Lims ID: 460-210542-B-1

Lab Sample ID: 460-210542-1

Client ID: Epa-ext-02

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

24

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_11

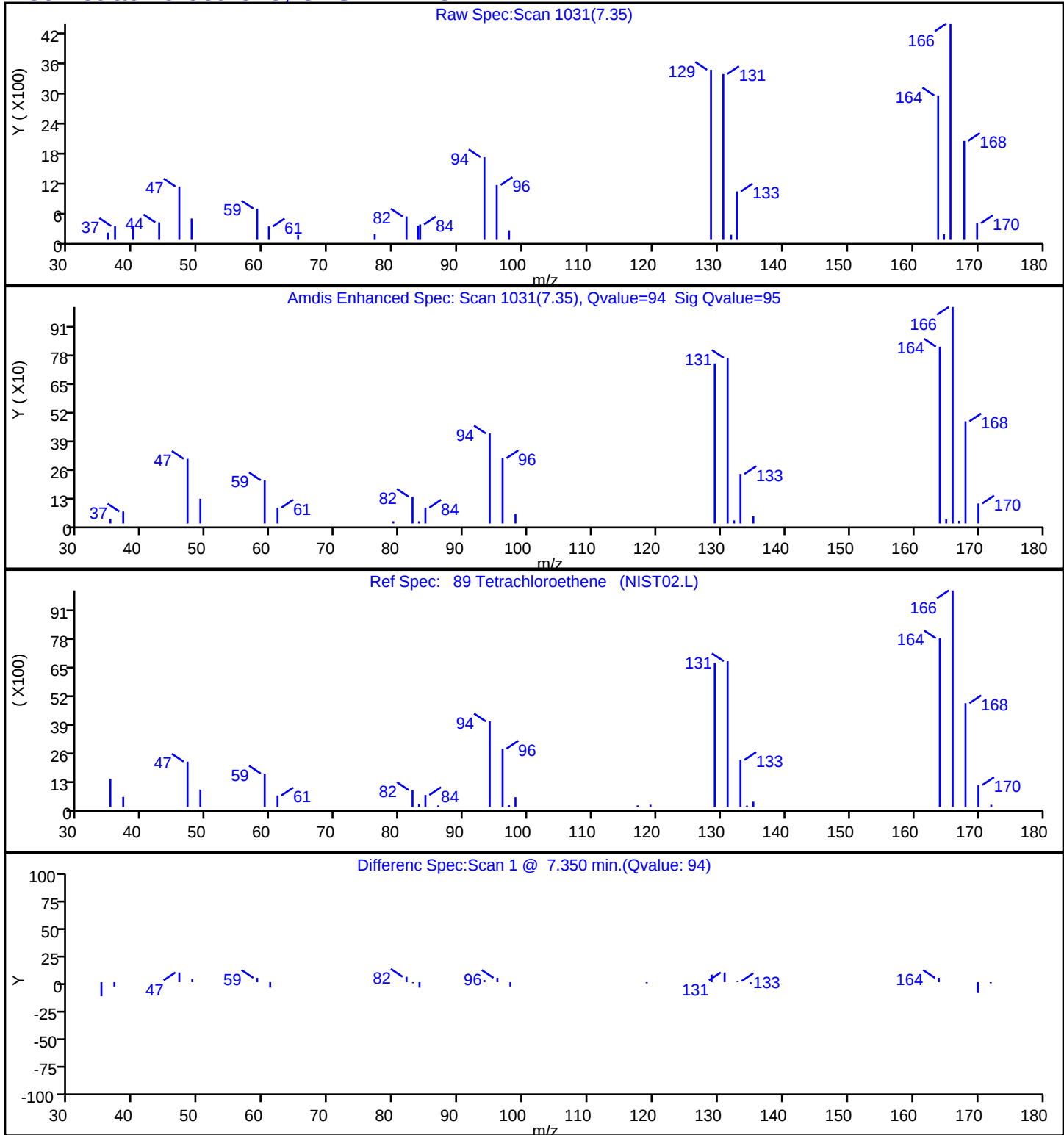
Limit Group:

VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

89 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\N20260.D

Injection Date: 12-Jun-2020 14:44:30

Instrument ID: CVOAMS11

Lims ID: 460-210542-B-1

Lab Sample ID: 460-210542-1

Client ID: Epa-ext-02

Operator ID:

ALS Bottle#:

23

Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

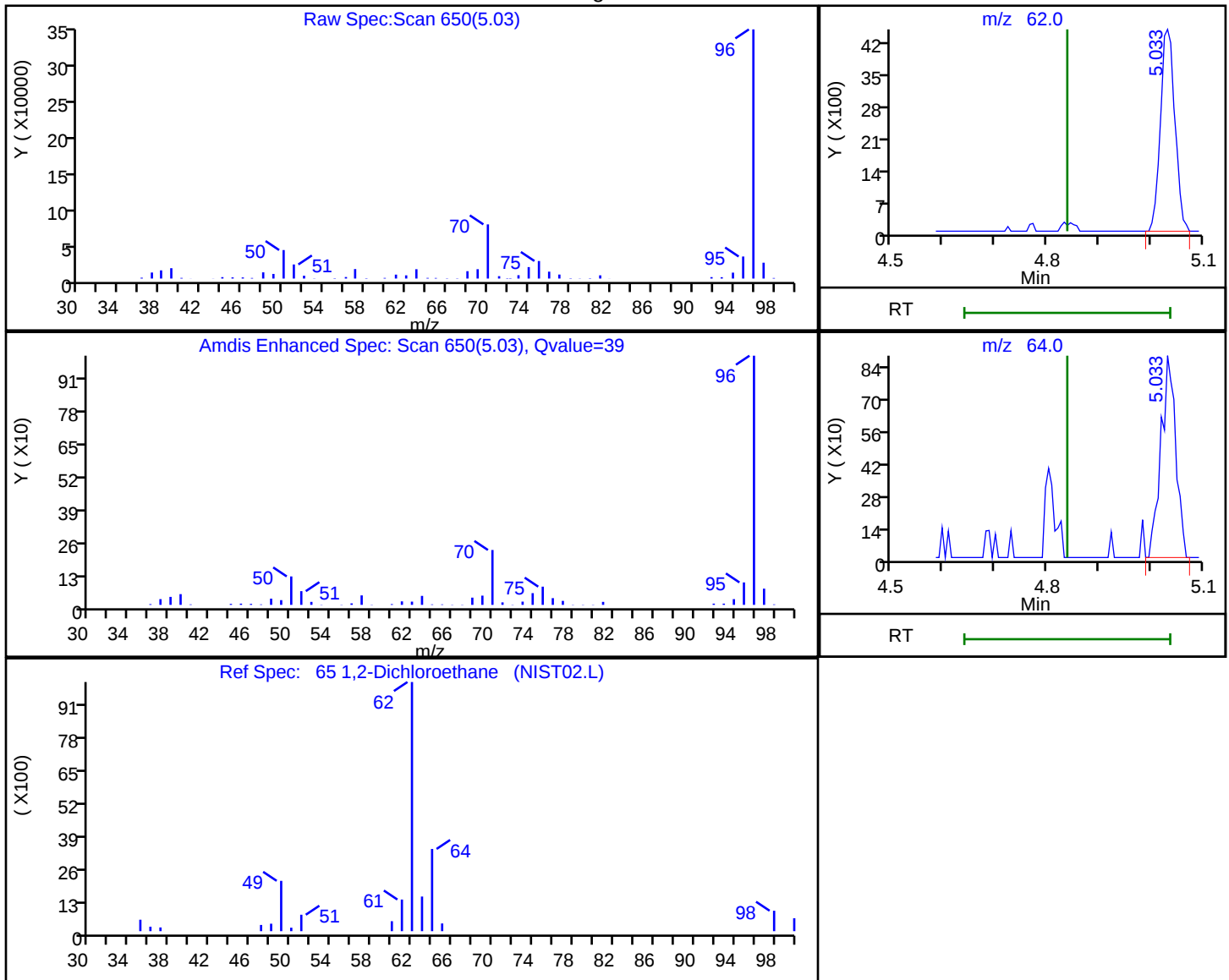
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

65 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.03	62.00	8705	2.242194
5.03	64.00	1767	

Reviewer: xuyvo, 14-Jun-2020 11:54:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-210542-1</u>
SDG No.: _____	
Client Sample ID: <u>Effluent</u>	Lab Sample ID: <u>460-210542-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>N20259.D</u>
Analysis Method: <u>624.1</u>	Date Collected: <u>06/03/2020 10:55</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/12/2020 14:21</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>700829</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.41	U	1.0	0.41
74-87-3	Chloromethane	0.43	U	1.0	0.43
74-83-9	Bromomethane	0.45	U	1.0	0.45
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Ethyl Chloride	0.32	U	1.0	0.32
75-69-4	Trichlorofluoromethane	0.14	U	1.0	0.14
76-13-1	Freon TF	0.31	U	1.0	0.31
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
67-64-1	Acetone	6.9		6.0	5.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
79-20-9	Methyl acetate	0.31	U	5.0	0.31
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
1634-04-4	MTBE	0.20	U	1.0	0.20
67-66-3	Chloroform	0.33	U	1.0	0.33
107-06-2	1,2-Dichloroethane	0.84	U	1.0	0.84
78-93-3	2-Butanone	1.9	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
110-82-7	Cyclohexane	0.32	U	1.0	0.32
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
79-01-6	Trichloroethene	0.31	U	1.0	0.31
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
124-48-1	Dibromochloromethane	0.13	U	1.0	0.13
79-00-5	1,1,2-Trichloroethane	0.15	U	1.0	0.15
71-43-2	Benzene	0.43	U	1.0	0.43
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
75-25-2	Bromoform	0.54	U	1.0	0.54
98-82-8	Isopropylbenzene	0.16	U	1.0	0.16
108-10-1	4-Methyl-2-pentanone	2.7	U	5.0	2.7
591-78-6	2-Hexanone	2.9	U	5.0	2.9
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1
 SDG No.: _____
 Client Sample ID: Effluent Lab Sample ID: 460-210542-2
 Matrix: Water Lab File ID: N20259.D
 Analysis Method: 624.1 Date Collected: 06/03/2020 10:55
 Sample wt/vol: 5(mL) Date Analyzed: 06/12/2020 14:21
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 700829 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
108-88-3	Toluene	0.38	U	1.0	0.38
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
100-42-5	Styrene	0.42	U	1.0	0.42
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
541-73-1	1,3-Dichlorobenzene	0.13	U	1.0	0.13
106-46-7	1,4-Dichlorobenzene	0.18	U	1.0	0.18
95-50-1	1,2-Dichlorobenzene	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	78		60-140
2037-26-5	Toluene-d8 (Surr)	76		60-140
460-00-4	Bromofluorobenzene	64		60-140
1868-53-7	Dibromofluoromethane (Surr)	75		60-140

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\N20259.D
 Lims ID: 460-210542-B-2
 Client ID: Effluent
 Sample Type: Client
 Inject. Date: 12-Jun-2020 14:21:30 ALS Bottle#: 22 Worklist Smp#: 23
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-210542-B-2
 Misc. Info.: 460-0111517-023
 Operator ID: Instrument ID: CVOAMS11
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\8260W_11.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 14-Jun-2020 11:53:40 Calib Date: 13-May-2020 17:15:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19007.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1045

First Level Reviewer: xuyvo

Date: 14-Jun-2020 11:54:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
23 Acetone	58	2.612	2.594	0.018	86	2965	6.88	
* 31 TBA-d9 (IS)	66	2.935	2.934	0.001	68	58252	1000.0	
* 43 2-Butanone-d5	46	3.969	3.963	0.006	94	508536	250.0	
\$ 56 Dibromofluoromethane (Surr)	113	4.431	4.425	0.006	97	107721	37.5	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.772	4.766	0.006	84	136457	39.2	
* 67 Fluorobenzene	96	5.040	5.033	0.007	99	630815	50.0	
* 73 1,4-Dioxane-d8	96	5.715	5.715	0.000	74	37003	1000.0	
\$ 84 Toluene-d8 (Surr)	98	6.676	6.676	0.000	98	393769	38.1	
* 95 Chlorobenzene-d5	117	8.440	8.434	0.006	89	431123	50.0	
\$ 106 4-Bromofluorobenzene	174	9.900	9.900	0.000	87	103822	32.1	
* 122 1,4-Dichlorobenzene-d4	152	11.050	11.050	0.000	97	225007	50.0	

Reagents:

8260SURR250_00208

Amount Added: 1.00

Units: uL

Run Reagent

8260ISNEW_00139

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\N20259.D

Injection Date: 12-Jun-2020 14:21:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: 460-210542-B-2

Lab Sample ID: 460-210542-2

Worklist Smp#: 23

Client ID: Effluent

Purge Vol: 5.000 mL

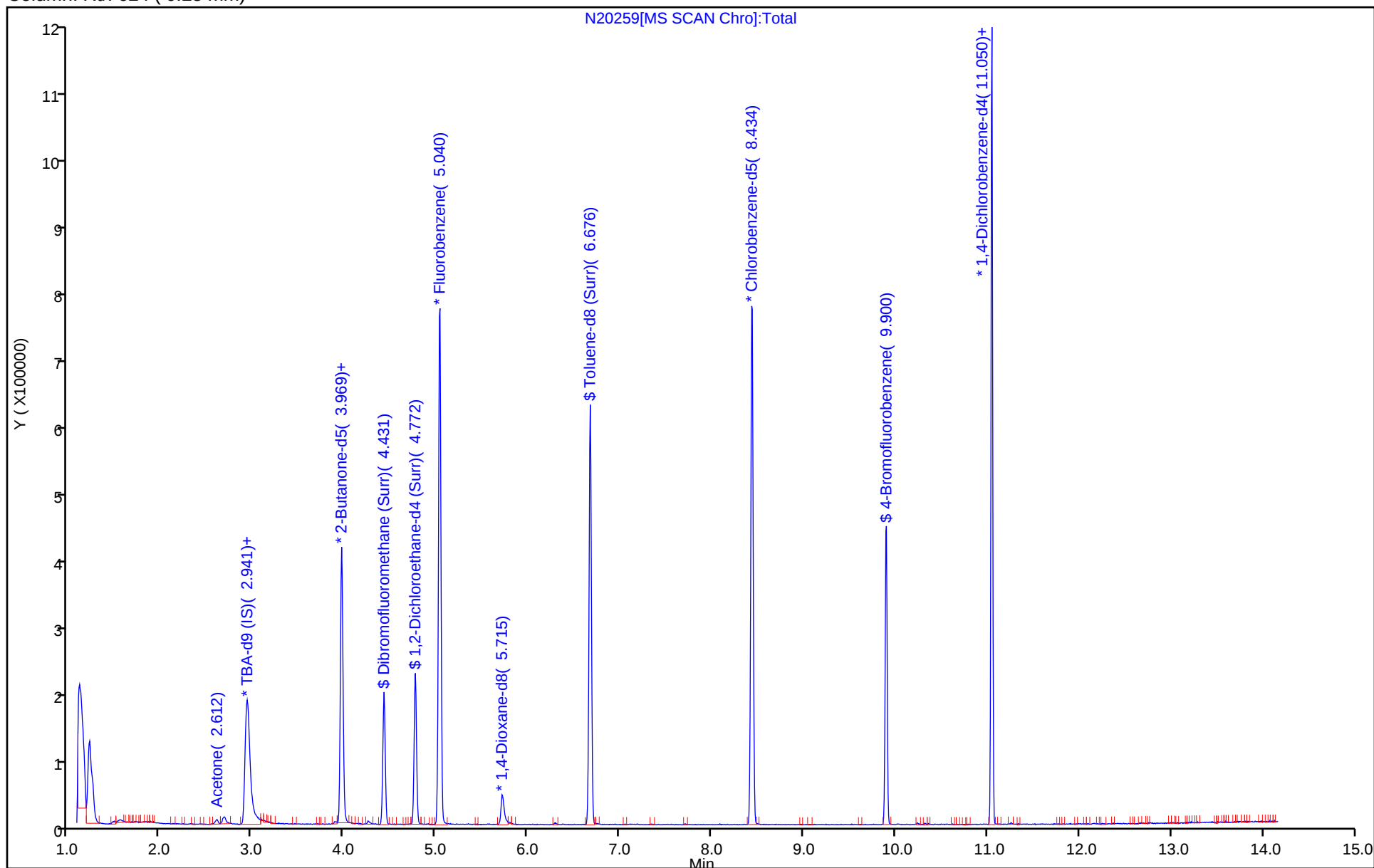
Dil. Factor: 1.0000

ALS Bottle#: 22

Method: 8260W_11

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\N20259.D

Injection Date: 12-Jun-2020 14:21:30

Instrument ID: CVOAMS11

Lims ID: 460-210542-B-2

Lab Sample ID: 460-210542-2

Client ID: Effluent

Operator ID:

ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

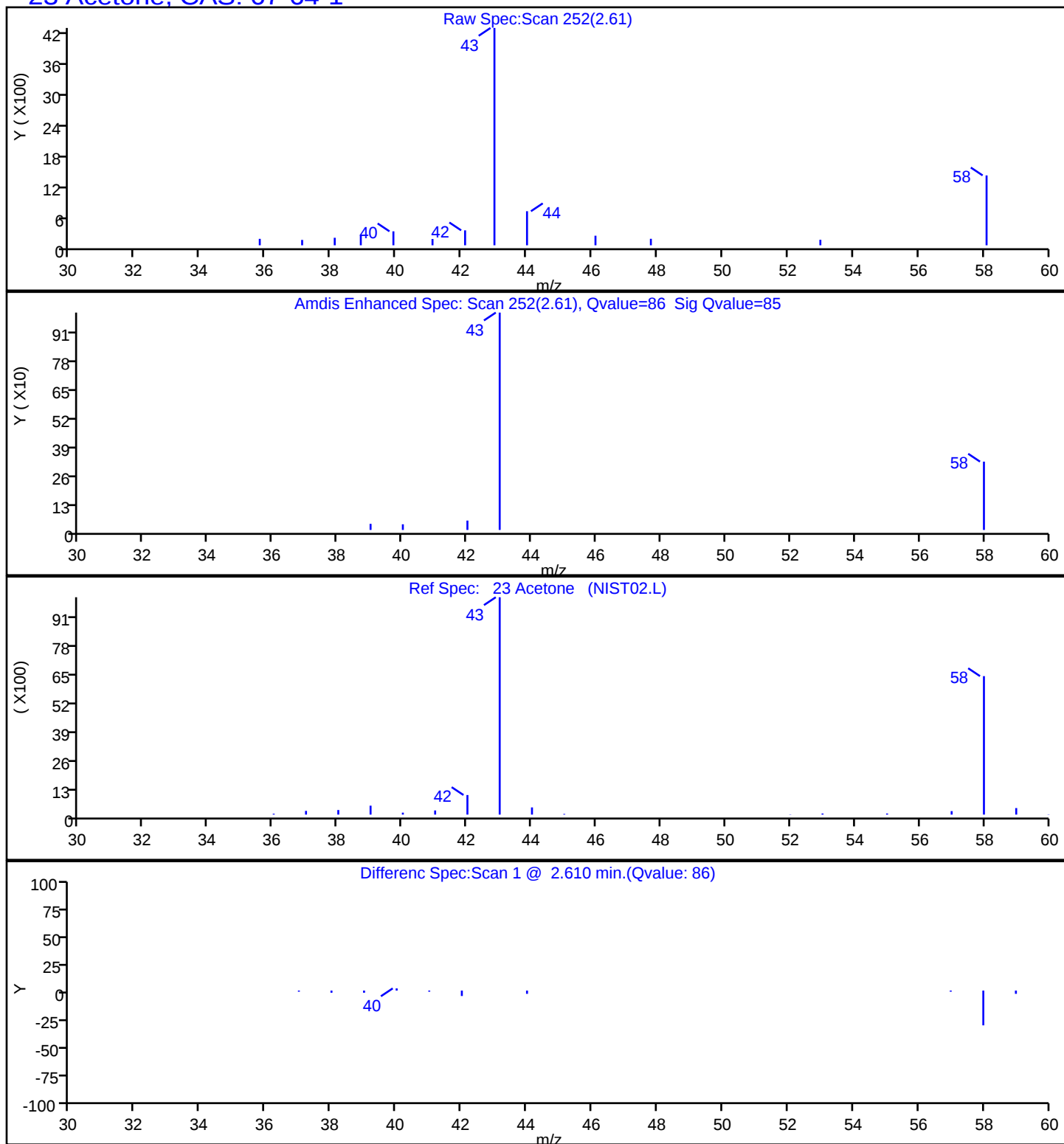
Method: 8260W_11

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

23 Acetone, CAS: 67-64-1



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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1 Analy Batch No.: 694172

SDG No.: _____

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/13/2020 14:57 Calibration End Date: 05/13/2020 17:15 Calibration ID: 79948

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-694172/3	N19001.D
Level 2	STD1 460-694172/4	N19002.D
Level 3	STD5 460-694172/5	N19003.D
Level 4	STD20 460-694172/6	N19004.D
Level 5	STD50 460-694172/7	N19005.D
Level 6	STD200 460-694172/8	N19006.D
Level 7	STD500 460-694172/9	N19007.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	+++++ 0.0930	0.0969 0.0950	0.0882	0.0770	0.0975	Ave		0.0913				8.5		35.0			
Chloromethane	+++++ 1.0683	1.3041 1.0624	1.3629	1.0849	1.2187	Ave		1.1836				11.1		35.0			
Butadiene	+++++ 0.3284	0.3289 0.3450	0.3392	0.2854	0.3526	Ave		0.3299				7.2		35.0			
Vinyl chloride	+++++ 0.3904	0.4572 0.4028	0.4099	0.3585	0.4305	Ave		0.4082				8.3		35.0			
Bromomethane	+++++ 0.2384	0.3098 +++++	0.2869	0.2663	0.2656	Ave		0.2734				9.7		35.0			
Ethyl Chloride	+++++ 0.1899	0.2568 0.2162	0.1912	0.1798	0.2076	Ave		0.2069				13.4		35.0			
Trichlorofluoromethane	+++++ 0.3104	0.3496 0.3559	0.3140	0.2611	0.3351	Ave		0.3210				10.8		35.0			
Pentane	+++++ 7.7851	8.3039 7.9531	9.0126	8.3586	9.5156	Ave		8.4882				7.7		35.0			
Ethanol	+++++ 0.3075	0.3544 0.2985	0.3987	0.3005	0.2948	Ave		0.3257				12.9		35.0			
Ethyl ether	+++++ 0.1341	0.1449 0.1337	0.1438	0.1373	0.1407	Ave		0.1391				3.5		35.0			
2-Methyl-1,3-butadiene	+++++ 0.1789	0.1883 0.2020	0.1871	0.1634	0.1966	Ave		0.1860				7.3		35.0			
Acrolein	+++++ 8.4204	8.5459 7.8083	8.8042	9.2250	8.6190	Ave		8.5705				5.4		35.0			
Freon TF	+++++ 0.1750	0.2021 0.1872	0.1954	0.1689	0.1886	Ave		0.1862				6.7		35.0			
1,1-Dichloroethene	+++++ 0.1867	0.2229 0.1988	0.2074	0.1699	0.1972	Ave		0.1972				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: Eurofins TestAmerica, Edison Job No.: 460-210542-1 Analy Batch No.: 694172
SDG No.: _____
Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 05/13/2020 14:57 Calibration End Date: 05/13/2020 17:15 Calibration ID: 79948

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								
Acetone	++++ 0.2364	0.2471 0.2160	0.2083	0.1809	0.1830	Ave		0.2119				12.8		35.0			
Iodomethane	++++ 0.3974	0.4369 0.4157	0.4195	0.3863	0.4244	Ave		0.4134				4.5		35.0			
Isopropyl alcohol	++++ 3.4324	4.3284 3.5806	3.0593	3.4402	3.4290	Ave		3.5450				11.9		35.0			
Carbon disulfide	++++ 0.7369	0.7724 0.8006	0.7819	0.6878	0.7768	Ave		0.7594				5.4		35.0			
3-Chloro-1-propene	++++ 0.1281	0.1416 0.1385	0.1314	0.1198	0.1311	Ave		0.1318				5.9		35.0			
Methyl acetate	++++ 10.681	12.693 10.069	11.214	11.379	11.152	Ave		11.198				7.8		35.0			
Acetonitrile	++++ 8.0906	5.3674 7.1193	8.0506	9.5337	9.0308	Qua2	-39.89	9.3006	-0.000453					35.0	0.9980		0.9900
Methylene Chloride	++++ 0.2486	0.3095 0.2539	0.2768	0.2606	0.2626	Ave		0.2687				8.2		35.0			
2-Methyl-2-propanol	++++ 5.4346	7.4671 5.3308	6.0376	5.6967	5.4909	Ave		5.9096				13.6		35.0			
MTBE	++++ 0.6062	0.6281 0.6029	0.6207	0.5829	0.6078	Ave		0.6081				2.6		35.0			
trans-1,2-Dichloroethene	++++ 0.2091	0.2442 0.2215	0.2270	0.2093	0.2224	Ave		0.2223				5.9		35.0			
Acrylonitrile	29.968 26.569	25.103 25.719	28.132	28.477	27.551	Ave		27.360				6.2		35.0			
Hexane	++++ 0.1022	0.1300 0.0953	0.1139	0.1017	0.1067	Ave		0.1083				11.4		35.0			
Isopropyl ether	++++ 0.7719	0.8089 0.7958	0.8159	0.7896	0.8053	Ave		0.7979				2.0		35.0			
1,1-Dichloroethane	++++ 0.3928	0.3813 0.4292	0.4069	0.3847	0.4050	Ave		0.4000				4.4		35.0			
Vinyl acetate	++++ 0.3356	0.4002 0.3663	0.3098	0.3319	0.3466	Ave		0.3484				9.0		35.0			
2,2-Dichloropropane	++++ 0.0900	0.1218 0.1008	0.0928	0.0795	0.0941	Ave		0.0965				14.7		35.0			
cis-1,2-Dichloroethene	++++ 0.2386	0.2526 0.2575	0.2447	0.2377	0.2479	Ave		0.2465				3.2		35.0			
2-Butanone	++++ 0.2448	0.2705 0.2401	0.2314	0.2186	0.2261	Ave		0.2386				7.7		35.0			
Ethyl acetate	++++ 0.2058	0.2528 0.2108	0.2113	0.2040	0.2087	Ave		0.2156				8.6		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: Eurofins TestAmerica, Edison Job No.: 460-210542-1 Analy Batch No.: 694172
SDG No.: _____
Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 05/13/2020 14:57 Calibration End Date: 05/13/2020 17:15 Calibration ID: 79948

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	++++ 0.2568	0.3617 0.2512	0.2692	0.2457	0.2476	Lin2	0.2261	0.2480						35.0	2.5000		
Chlorobromomethane	++++ 0.1244	0.1240 0.1299	0.1244	0.1227	0.1255	Ave		0.1252				2.0		35.0			
Chloroform	++++ 0.3773	0.4066 0.4092	0.3880	0.3663	0.3825	Ave		0.3883				4.3		35.0			
Cyclohexane	++++ 0.2746	0.2635 0.2916	0.2850	0.2525	0.2900	Ave		0.2762				5.7		35.0			
1,1,1-Trichloroethane	++++ 0.2961	0.2896 0.3265	0.2976	0.2705	0.3088	Ave		0.2982				6.3		35.0			
Carbon tetrachloride	++++ 0.2304	0.2461 0.2549	0.2180	0.2011	0.2296	Ave		0.2300				8.4		35.0			
1,1-Dichloropropene	++++ 0.2570	0.2805 0.2759	0.2751	0.2408	0.2664	Ave		0.2659				5.6		35.0			
Benzene	++++ 1.1858	1.3053 1.2379	1.3077	1.1796	1.2505	Ave		1.2444				4.5		35.0			
Isopropyl acetate	++++ 0.7549	0.7130 0.7800	0.6677	0.6859	0.7348	Ave		0.7227				5.8		35.0			
1,2-Dichloroethane	++++ 0.2956	0.3481 0.3115	0.3045	0.2867	0.2943	Ave		0.3068				7.2		35.0			
n-Heptane	++++ 0.0900	0.0868 0.0797	0.0952	0.0800	0.0902	Ave		0.0870				7.1		35.0			
n-Butanol	++++ 1.4555	1.1772 1.5249	1.2390	1.2581	1.3278	Ave		1.3304				10.1		35.0			
Trichloroethene	++++ 0.2026	0.2327 0.2177	0.2102	0.1902	0.2073	Ave		0.2101				6.8		35.0			
Ethyl acrylate	++++ 0.0315	0.0420 0.0326	0.0252	0.0291	0.0297	Qua2	0.0142	0.0270	0.0000130					35.0	0.9920		0.9900
Methylcyclohexane	++++ 0.2683	0.2524 0.2742	0.2505	0.2306	0.2730	Ave		0.2581				6.6		35.0			
1,2-Dichloropropane	++++ 0.2245	0.2348 0.2347	0.2343	0.2221	0.2288	Ave		0.2299				2.5		35.0			
Methyl methacrylate	++++ 0.0593	0.0583 0.0619	0.0516	0.0508	0.0578	Ave		0.0566				7.8		35.0			
1,4-Dioxane	++++ 0.8550	0.8708 1.0930	1.0281	0.9822	0.9169	Ave		0.9577				9.8		35.0			
Dibromomethane	++++ 0.1449	0.1501 0.1523	0.1443	0.1414	0.1432	Ave		0.1460				2.9		35.0			
n-Propyl acetate	++++ 0.3704	0.3416 0.3854	0.3169	0.3298	0.3584	Ave		0.3504				7.3		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: Eurofins TestAmerica, Edison Job No.: 460-210542-1 Analy Batch No.: 694172

SDG No.: _____

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/13/2020 14:57 Calibration End Date: 05/13/2020 17:15 Calibration ID: 79948

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								
Bromodichloromethane	++++ 0.2698	0.2660 0.2885	0.2475	0.2437	0.2571	Ave		0.2621				6.3		35.0			
2-Chloroethyl vinyl ether	++++ 0.1522	0.1395 0.1601	0.1364	0.1361	0.1439	Ave		0.1447				6.6		35.0			
Epichlorohydrin	0.1685 0.1927	0.1781 0.1990	0.1683	0.1775	0.1886	Ave		0.1818				6.6		35.0			
cis-1,3-Dichloropropene	++++ 0.4751	0.4102 0.4914	0.4521	0.4453	0.4685	Ave		0.4571				6.2		35.0			
4-Methyl-2-pentanone	++++ 2.0963	1.7147 2.1296	1.8182	1.8937	2.0228	Ave		1.9459				8.4		35.0			
Toluene	++++ 1.2086	1.3617 1.2784	1.2777	1.1894	1.2465	Ave		1.2604				4.9		35.0			
trans-1,3-Dichloropropene	++++ 0.4306	0.3720 0.4516	0.3589	0.3835	0.4077	Ave		0.4007				8.9		35.0			
1,1,2-Trichloroethane	++++ 0.2336	0.2784 0.2351	0.2462	0.2343	0.2331	Ave		0.2435				7.3		35.0			
Tetrachloroethene	++++ 0.2730	0.3247 0.2809	0.3012	0.2491	0.2828	Ave		0.2853				9.0		35.0			
1,3-Dichloropropane	++++ 0.4490	0.4488 0.4481	0.4569	0.4563	0.4563	Ave		0.4526				1.0		35.0			
2-Hexanone	++++ 0.7104	0.5792 0.7144	0.6100	0.6123	0.6619	Ave		0.6480				8.7		35.0			
n-Butyl acetate	++++ 0.5205	0.4673 0.5202	0.4606	0.4847	0.4877	Ave		0.4902				5.2		35.0			
Dibromochloromethane	++++ 0.2669	0.2359 0.2847	0.2288	0.2366	0.2493	Ave		0.2504				8.6		35.0			
1,2-Dibromoethane	++++ 0.2788	0.2479 0.2764	0.2658	0.2660	0.2714	Ave		0.2677				4.1		35.0			
Chlorobenzene	++++ 0.7625	0.8343 0.7886	0.7878	0.7519	0.7862	Ave		0.7852				3.6		35.0			
Ethylbenzene	++++ 0.4043	0.4685 0.4333	0.3932	0.3855	0.4110	Ave		0.4160				7.3		35.0			
1,1,1,2-Tetrachloroethane	++++ 0.2838	0.2509 0.3043	0.2648	0.2537	0.2752	Ave		0.2721				7.4		35.0			
m-Xylene & p-Xylene	++++ 0.4835	0.5515 0.5099	0.4877	0.4724	0.5050	Ave		0.5017				5.6		35.0			
n-Butyl acrylate	++++ 0.2379	0.1936 0.2590	0.1842	0.1972	0.2148	Ave		0.2144				13.5		35.0			
o-Xylene	++++ 0.5264	0.5326 0.5639	0.4813	0.4943	0.5377	Ave		0.5227				5.8		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
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1 Analy Batch No.: 694172
SDG No.: _____
Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 05/13/2020 14:57 Calibration End Date: 05/13/2020 17:15 Calibration ID: 79948

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								
Styrene	++++ 0.8747	0.6808 0.9341	0.7595	0.8119	0.8693	Ave		0.8217				11.1		35.0			
Bromoform	++++ 0.3401	0.2500 0.3720	0.2585	0.2712	0.2905	Ave		0.2971				16.4		35.0			
Amyl acetate (mixed isomers)	++++ 1.0891	0.8875 1.1086	0.8634	0.9193	1.0090	Ave		0.9795				10.7		35.0			
Isopropylbenzene	++++ 1.2754	1.1439 1.3442	1.1883	1.1401	1.2659	Ave		1.2263				6.7		35.0			
Bromobenzene	++++ 0.6369	0.6614 0.6452	0.6487	0.5975	0.6248	Ave		0.6357				3.5		35.0			
1,1,2,2-Tetrachloroethane	++++ 0.7252	0.6803 0.7253	0.7236	0.7094	0.7149	Ave		0.7131				2.4		35.0			
N-Propylbenzene	++++ 2.6545	2.4897 2.7378	2.5936	2.3742	2.6080	Ave		2.5763				5.0		35.0			
1,2,3-Trichloropropane	++++ 0.1985	0.2492 0.1948	0.1971	0.2014	0.1927	Ave		0.2056				10.5		35.0			
2-Chlorotoluene	++++ 1.9206	1.8115 2.0565	1.9411	1.7833	1.9072	Ave		1.9034				5.2		35.0			
1,3,5-Trimethylbenzene	++++ 1.9668	1.7290 2.0767	1.7845	1.7429	1.8954	Ave		1.8659				7.4		35.0			
4-Chlorotoluene	++++ 1.7457	1.6569 1.8110	1.7340	1.6527	1.7345	Ave		1.7225				3.5		35.0			
Butyl Methacrylate	++++ 0.7433	0.4103 0.7815	0.4909	0.5964	0.6724	Qua2	-0.216	0.6112	0.0003922					35.0	9.7000		0.9900
tert-Butylbenzene	++++ 1.5134	1.2417 1.5677	1.3441	1.2912	1.4297	Ave		1.3980				9.2		35.0			
1,2,4-Trimethylbenzene	++++ 2.1210	1.8856 2.2244	1.9084	1.8902	2.0287	Ave		2.0097				7.0		35.0			
sec-Butylbenzene	++++ 2.1696	1.6878 2.2106	1.9215	1.8199	2.0642	Ave		1.9789				10.4		35.0			
1,3-Dichlorobenzene	++++ 1.1948	1.0265 1.2508	1.1588	1.1216	1.1711	Ave		1.1539				6.6		35.0			
4-Isopropyltoluene	++++ 1.9223	1.5043 2.0014	1.6629	1.6247	1.7857	Ave		1.7502				10.8		35.0			
1,4-Dichlorobenzene	++++ 1.1973	1.1874 1.2581	1.2396	1.1560	1.1889	Ave		1.2046				3.1		35.0			
1,2,3-Trimethylbenzene	++++ 2.2909	1.8878 2.4497	2.0603	2.1081	2.2221	Ave		2.1698				9.0		35.0			
Benzyl chloride	++++ 0.2544	0.1972 0.2764	0.1741	0.1855	0.2145	Ave		0.2170				18.6		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: Eurofins TestAmerica, Edison Job No.: 460-210542-1 Analy Batch No.: 694172

SDG No.: _____

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/13/2020 14:57 Calibration End Date: 05/13/2020 17:15 Calibration ID: 79948

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-Butylbenzene	++++ 0.9079	0.6948 0.9070	0.8796	0.7943	0.8695	Ave		0.8422				9.9		35.0			
1,2-Dichlorobenzene	++++ 1.2646	1.1616 1.3182	1.2850	1.2035	1.2503	Ave		1.2472				4.5		35.0			
1,2-Dibromo-3-Chloropropane	++++ 0.1725	0.1428 0.1770	0.1386	0.1406	0.1511	Ave		0.1538				11.0		35.0			
1,2,4-Trichlorobenzene	++++ 0.8990	0.8457 0.8982	0.8575	0.8506	0.8761	Ave		0.8712				2.7		35.0			
Hexachlorobutadiene	++++ 0.2409	0.2253 0.2336	0.2324	0.2079	0.2291	Ave		0.2282				4.9		35.0			
Naphthalene	++++ 2.7676	2.1231 2.6854	2.2951	2.5011	2.6221	Ave		2.4991				9.9		35.0			
1,2,3-Trichlorobenzene	++++ 0.8625	0.7257 0.8329	0.8368	0.8431	0.8562	Ave		0.8262				6.1		35.0			
Dibromofluoromethane (Surr)	0.2277 0.2298	0.2272 0.2352	0.2257	0.2212	0.2287	Ave		0.2279				1.9		35.0			
1,2-Dichloroethane-d4 (Surr)	0.2695 0.2898	0.2689 0.3073	0.2639	0.2603	0.2740	Ave		0.2763				6.0		35.0			
Toluene-d8 (Surr)	1.2317 1.1768	1.2172 1.1546	1.2160	1.1856	1.2191	Ave		1.2001				2.3		35.0			
Bromofluorobenzene	0.3724 0.3786	0.3741 0.3768	0.3747	0.3663	0.3789	Ave		0.3745				1.2		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1 Analy Batch No.: 694172

SDG No.: _____

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/13/2020 14:57 Calibration End Date: 05/13/2020 17:15 Calibration ID: 79948

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-694172/3	N19001.D
Level 2	STD1 460-694172/4	N19002.D
Level 3	STD5 460-694172/5	N19003.D
Level 4	STD20 460-694172/6	N19004.D
Level 5	STD50 460-694172/7	N19005.D
Level 6	STD200 460-694172/8	N19006.D
Level 7	STD500 460-694172/9	N19007.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	+++++ 232378	1165 627659	5213	18385	57792	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	BUT	Ave	+++++ 359694	2066 965298	10426	33819	93451	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	+++++ 820712	3954 2279520	20042	68128	209017	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 975437	5496 2661655	24219	85558	255206	+++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 595776	3724 +++++	16954	63566	157468	+++++ 200	1.00 +++++	5.00	20.0	50.0
Ethyl Chloride	FB	Ave	+++++ 474498	3087 1428322	11299	42905	123096	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 775673	4202 2351561	18551	62318	198692	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	TBAd 9	Ave	+++++ 154192	772 443555	3914	14442	42335	+++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd 9	Ave	+++++ 121795	659 332983	3463	10385	26227	+++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	+++++ 335009	1742 883549	8495	32767	83397	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 447052	2263 1334424	11055	39012	116576	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd 9	Ave	+++++ 83388	1589 174192	7647	15939	38346	+++++ 200	4.00 400	20.0	40.0	100
Freon TF	FB	Ave	+++++ 437346	2430 1236823	11548	40316	111789	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	+++++ 466581	2679 1313763	12256	40554	116896	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 397928	1957 981545	7966	28191	70158	+++++ 1000	5.00 2500	25.0	100	250

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1 Analy Batch No.: 694172

SDG No.: _____

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/13/2020 14:57 Calibration End Date: 05/13/2020 17:15 Calibration ID: 79948

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
Iodomethane	FB	Ave	++++ 993026	5252 2746994	24785	92210	251611	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd 9	Ave	++++ 339908	2012 998468	6643	29720	76278	++++ 2000	10.0 5000	50.0	200	500
Carbon disulfide	FB	Ave	++++ 1841390	9285 5289684	46202	164166	460566	++++ 200	1.00 500	5.00	20.0	50.0
3-Chloro-1-propene	FB	Ave	++++ 320152	1702 915406	7767	28584	77741	++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	TBAd 9	Ave	++++ 211550	1180 561561	4870	19661	49616	++++ 400	2.00 1000	10.0	40.0	100
Acetonitrile	TBAd 9	Qua2	++++ 801215	2495 1985257	17481	82362	200891	++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	++++ 621226	3720 1677768	16354	62202	155678	++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd 9	Ave	++++ 538187	3471 1486528	13110	49214	122144	++++ 2000	10.0 5000	50.0	200	500
MTBE	FB	Ave	++++ 1514869	7550 3983899	36675	139137	360359	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	++++ 522508	2936 1463517	13415	49969	131837	++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	TBAd 9	Ave	2547 2631100	11669 7171932	61086	246009	612880	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	++++ 255290	1563 629466	6732	24271	63280	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	++++ 1928820	9724 5257961	48212	188459	477435	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	++++ 981493	4584 2836035	24041	91812	240138	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	BUT	Ave	++++ 225997	1268 665638	4740	20689	53149	++++ 400	2.00 1000	10.0	40.0	100
2,2-Dichloropropane	FB	Ave	++++ 224878	1464 665861	5486	18971	55781	++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	++++ 596190	3036 1701723	14460	56742	146988	++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone	BUT	Ave	++++ 412090	2143 1090960	8852	34072	86670	++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Ave	++++ 138589	801 383142	3233	12720	32001	++++ 400	2.00 1000	10.0	40.0	100
Tetrahydrofuran	BUT	Lin2	++++ 172893	1146 456567	4118	15320	37972	++++ 400	2.00 1000	10.0	40.0	100
Chlorobromomethane	FB	Ave	++++ 310789	1491 858533	7353	29284	74391	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-210542-1 Analy Batch No.: 694172

SDG No.: _____

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/13/2020 14:57 Calibration End Date: 05/13/2020 17:15 Calibration ID: 79948

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
Chloroform	FB	Ave	++++ 942769	4888 2703520	22926	87438	226776	++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	++++ 686274	3168 1926441	16842	60276	171917	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	++++ 739853	3481 2157355	17582	64566	183064	++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	++++ 575703	2958 1684100	12880	48001	136125	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	++++ 642311	3372 1822837	16253	57470	157953	++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZ d5	Ave	++++ 2175816	10769 6236248	53404	196902	530584	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	++++ 1886249	8571 5153841	39455	163721	435661	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	++++ 738534	4184 2058339	17991	68420	174510	++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	++++ 224897	1044 526408	5623	19084	53470	++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBA d9	Ave	++++ 360346	1368 1063091	6726	27171	73840	++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	++++ 506231	2797 1438785	12419	45404	122894	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Qua2	++++ 78682	505 215526	1487	6954	17631	++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	++++ 670417	3034 1811770	14799	55042	161825	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	++++ 561049	2823 1550958	13847	53002	135620	++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	++++ 296113	1402 817951	6101	24247	68514	++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	++++ 128084	1414 356700	3074	12248	30179	++++ 4000	50.0 10000	100	400	1000
Dibromomethane	FB	Ave	++++ 362188	1804 1006532	8528	33741	84926	++++ 200	1.00 500	5.00	20.0	50.0
n-Propyl acetate	FB	Ave	++++ 925558	4106 2546273	18723	78715	212492	++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	++++ 674103	3197 1906294	14625	58175	152427	++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	++++ 381189	1681 1060397	8081	32567	85512	++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	Ave	1267 1297607	5643 3616339	25744	110673	289223	5.00 4000	20.0 10000	100	400	1000

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1 Analy Batch No.: 694172

SDG No.: _____

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/13/2020 14:57 Calibration End Date: 05/13/2020 17:15 Calibration ID: 79948

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
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 871735	3384 2475760	18464	74337	198810	++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone	BUT	Ave	++++ 3528936	13582 9675300	69545	295152	775565	++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	++++ 2217671	11234 6440373	52181	198545	528903	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 790025	3069 2275329	14657	64015	173002	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 428708	2297 1184189	10055	39109	98911	++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	++++ 500960	2679 1414939	12299	41574	119996	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 823926	3703 2257700	18659	76167	193626	++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	++++ 1195944	4588 3245727	23333	95425	253767	++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBNZ d5	Ave	++++ 955137	3855 2620496	18812	80910	206956	++++ 200	1.00 500	5.00	20.0	50.0
Dibromochloromethane	CBNZ d5	Ave	++++ 489730	1946 1434141	9346	39490	105780	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromoethane	CBNZ d5	Ave	++++ 511512	2045 1392479	10855	44401	115158	++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	++++ 1399074	6883 3972876	32172	125519	333584	++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	++++ 741777	3865 2182997	16056	64355	174412	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 520789	2070 1532894	10815	42357	116776	++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	++++ 887169	4550 2568833	19918	78855	214280	++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	++++ 436550	1597 1304863	7523	32916	91130	++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	++++ 965943	4394 2840751	19656	82511	228143	++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	++++ 1604929	5617 4705677	31018	135523	368850	++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	DCBd 4	Ave	++++ 344814	1173 1060075	5875	25385	69665	++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	++++ 1103992	4164 3159189	19622	86063	241976	++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	++++ 2340249	9437 6771827	48529	190311	537138	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-210542-1 Analy Batch No.: 694172

SDG No.: _____

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/13/2020 14:57 Calibration End Date: 05/13/2020 17:15 Calibration ID: 79948

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
Bromobenzene	DCBd 4	Ave	+++++ 645645	3103 1838491	14744	55933	149832	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 735152	3192 2066881	16444	66411	171435	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	+++++ 2690898	11681 7801722	58945	222259	625440	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 201195	1169 555007	4479	18852	46208	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	+++++ 1946971	8499 5860279	44114	166945	457376	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 1993734	8112 5917742	40556	163159	454561	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	+++++ 1769637	7774 5160522	39408	154715	415955	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Qua2	+++++ 753513	1925 2227102	11157	55831	161252	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 1534146	5826 4467240	30546	120875	342868	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 2150119	8847 6338777	43372	176952	486524	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 2199374	7919 6299325	43669	170367	495037	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 1211194	4816 3564307	26336	104997	280862	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 1948692	7058 5703278	37793	152094	428238	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 1213762	5571 3585214	28173	108215	285117	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	+++++ 2322280	8857 6980648	46823	197350	532907	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	+++++ 257924	925 787655	3956	17369	51436	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	+++++ 920402	3260 2584729	19991	74359	208527	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 1281942	5450 3756455	29203	112666	299854	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 174897	670 504367	3149	13166	36235	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 911294	3968 2559545	19488	79625	210102	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 244162	1057 665771	5281	19462	54935	+++++ 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: Eurofins TestAmerica, Edison Job No.: 460-210542-1 Analy Batch No.: 694172

SDG No.: _____

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/13/2020 14:57 Calibration End Date: 05/13/2020 17:15 Calibration ID: 79948

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
Naphthalene	DCBd 4	Ave	+++++ 2805525	9961 7652282	52161	234136	628841	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 874334	3405 2373385	19018	78924	205337	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	134811 143563	136561 155395	133340	131966	135578	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	159580 181063	161644 203078	155907	155305	162472	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	496991 539839	502107 581687	496605	494767	517272	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Bromofluorobenzene	CBNZ d5	Ave	150265 173684	154307 189848	153020	152848	160754	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19001.D
 Lims ID: STD7
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 13-May-2020 14:57:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD7
 Misc. Info.: 460-0110045-003
 Operator ID: Instrument ID: CVOAMS11
 Sublist: chrom-8260W_11*sub8
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\8260W_11.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 14-May-2020 08:43:12 Calib Date: 13-May-2020 17:15:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19007.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0305

First Level Reviewer: starzecm

Date: 13-May-2020 17:05:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
9 Butadiene	54	1.621	1.614	0.006	75	858		0.2196	
* 31 TBA-d9 (IS)	66	2.941	2.934	0.007	68	42496	1000.0	1000.0	
36 Acrylonitrile	53	3.196	3.190	0.006	99	2547	2.00	2.19	M
* 43 2-Butanone-d5	46	3.963	3.963	0.000	95	375981	250.0	250.0	
\$ 56 Dibromofluoromethane (Surr)	113	4.425	4.425	0.000	97	134811	50.0	49.9	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.766	4.766	0.000	83	159580	50.0	48.8	
* 67 Fluorobenzene	96	5.033	5.033	0.000	98	592114	50.0	50.0	
* 73 1,4-Dioxane-d8	96	5.721	5.721	0.000	75	29985	1000.0	1000.0	
81 Epichlorohydrin	57	6.384	6.378	0.006	28	1267	5.00	4.63	
\$ 84 Toluene-d8 (Surr)	98	6.676	6.676	0.000	98	496991	50.0	51.3	
* 95 Chlorobenzene-d5	117	8.434	8.440	-0.006	88	403504	50.0	50.0	
\$ 106 4-Bromofluorobenzene	174	9.900	9.900	0.000	92	150265	50.0	49.7	
* 122 1,4-Dichlorobenzene-d4	152	11.050	11.050	0.000	96	227022	50.0	50.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

524freon_00022	Amount Added: 0.00	Units: uL	
8260MIX1COMB_00118	Amount Added: 0.00	Units: uL	
ACROLEIN W_00106	Amount Added: 0.00	Units: uL	
ACRY/EPIH MIX_00073	Amount Added: 20.00	Units: uL	
GASES Li_00367	Amount Added: 0.00	Units: uL	
8260SURR250_00207	Amount Added: 1.00	Units: uL	Run Reagent
8260ISNEW_00139	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19001.D

Injection Date: 13-May-2020 14:57:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: STD7

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

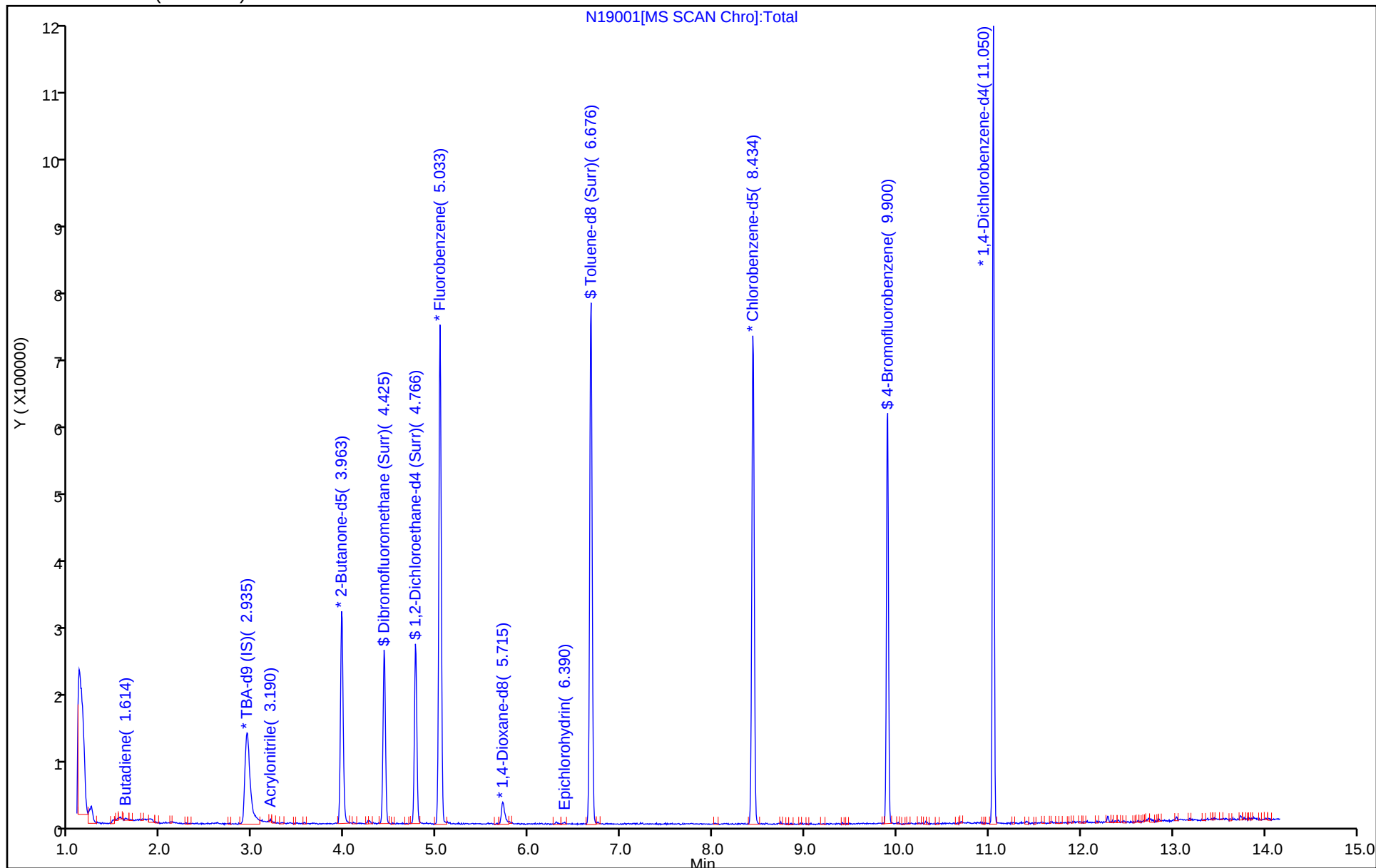
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260W_11

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19001.D

Injection Date: 13-May-2020 14:57:30

Instrument ID: CVOAMS11

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

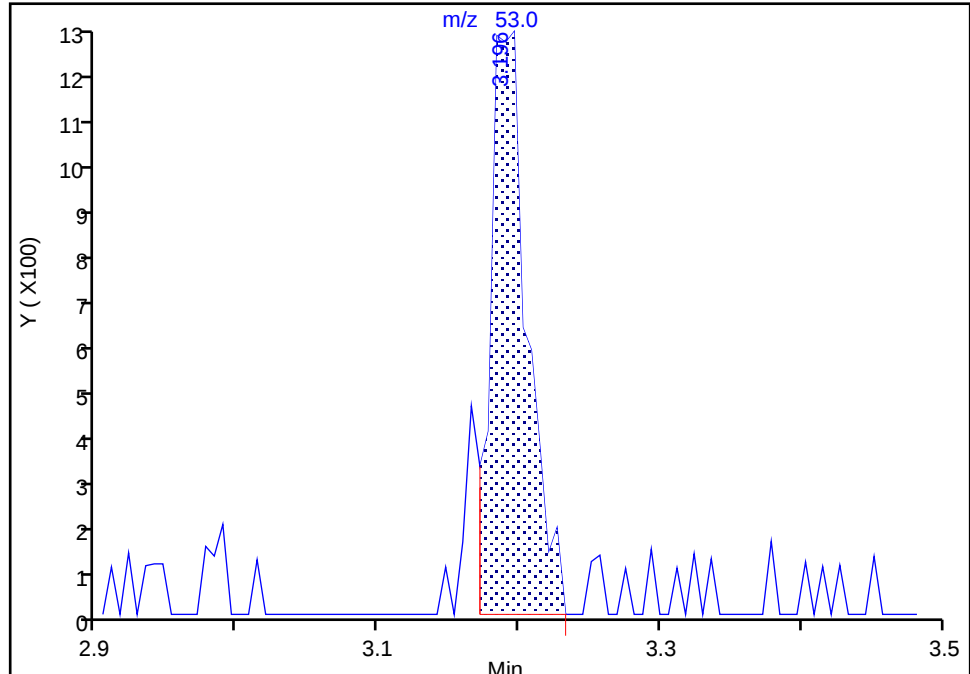
Detector: MS SCAN

36 Acrylonitrile, CAS: 107-13-1

Signal: 1

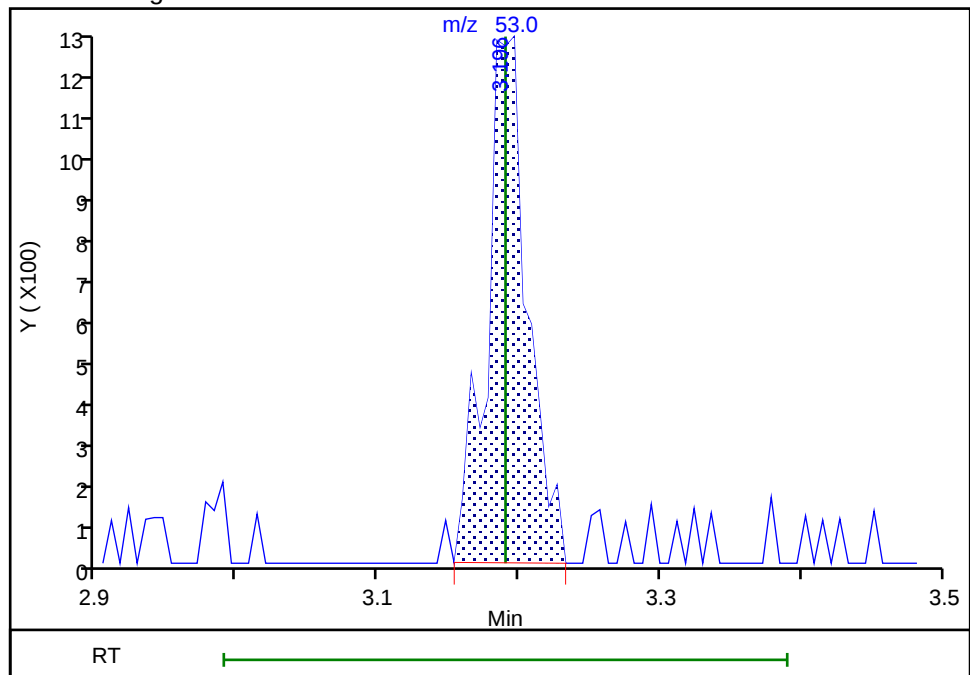
RT: 3.20
Area: 2329
Amount: 2.070539
Amount Units: ug/l

Processing Integration Results



RT: 3.20
Area: 2547
Amount: 2.190623
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 13-May-2020 19:33:22

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19001.D

Injection Date: 13-May-2020 14:57:30

Instrument ID: CVOAMS11

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_11

Limit Group:

VOA 624.1 ICAL

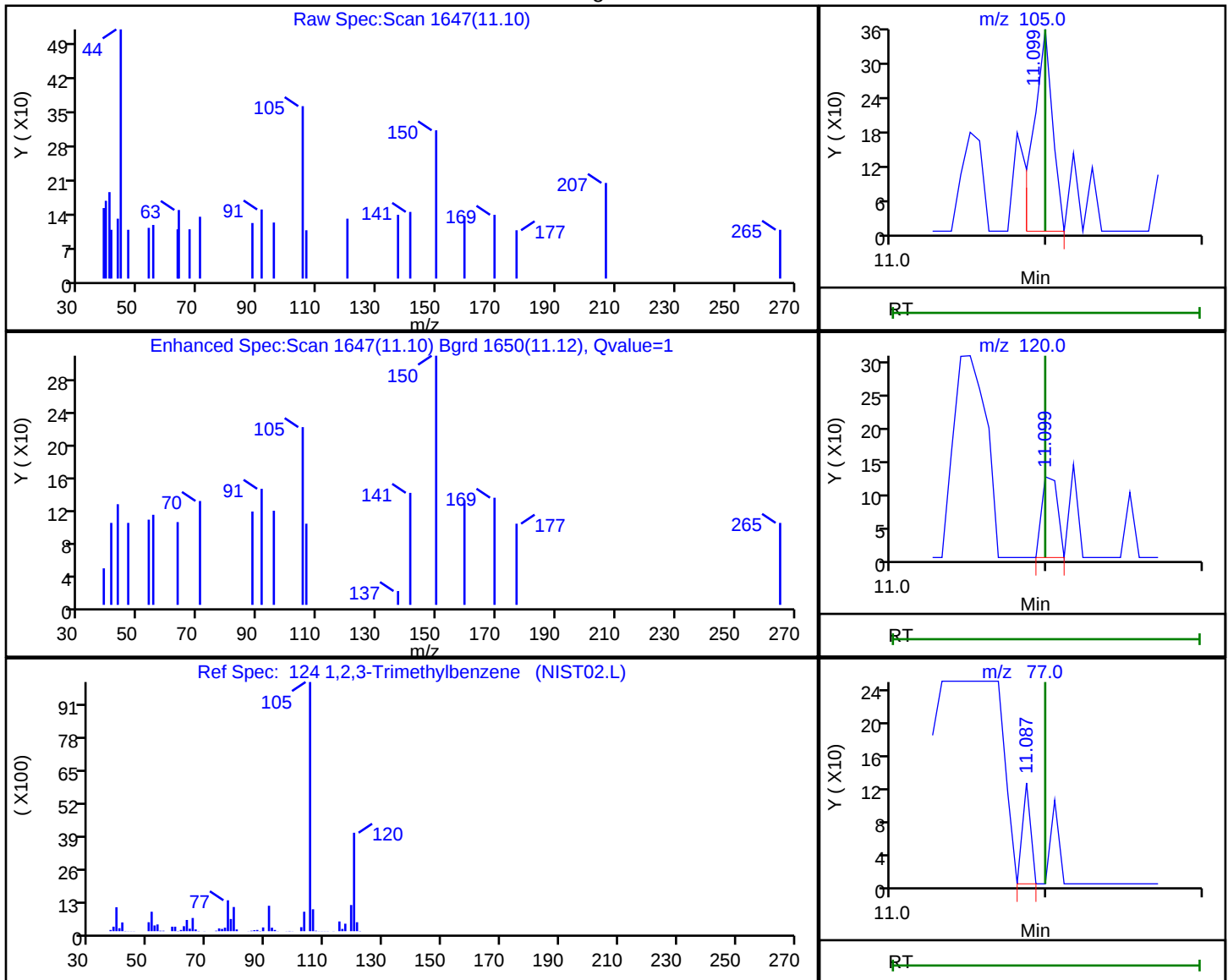
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

124 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
11.10	105.00	300	
11.10	120.00	88	
11.09	77.00	45	

Reviewer: baronm, 13-May-2020 19:32:54

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19001.D

Injection Date: 13-May-2020 14:57:30

Instrument ID: CVOAMS11

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

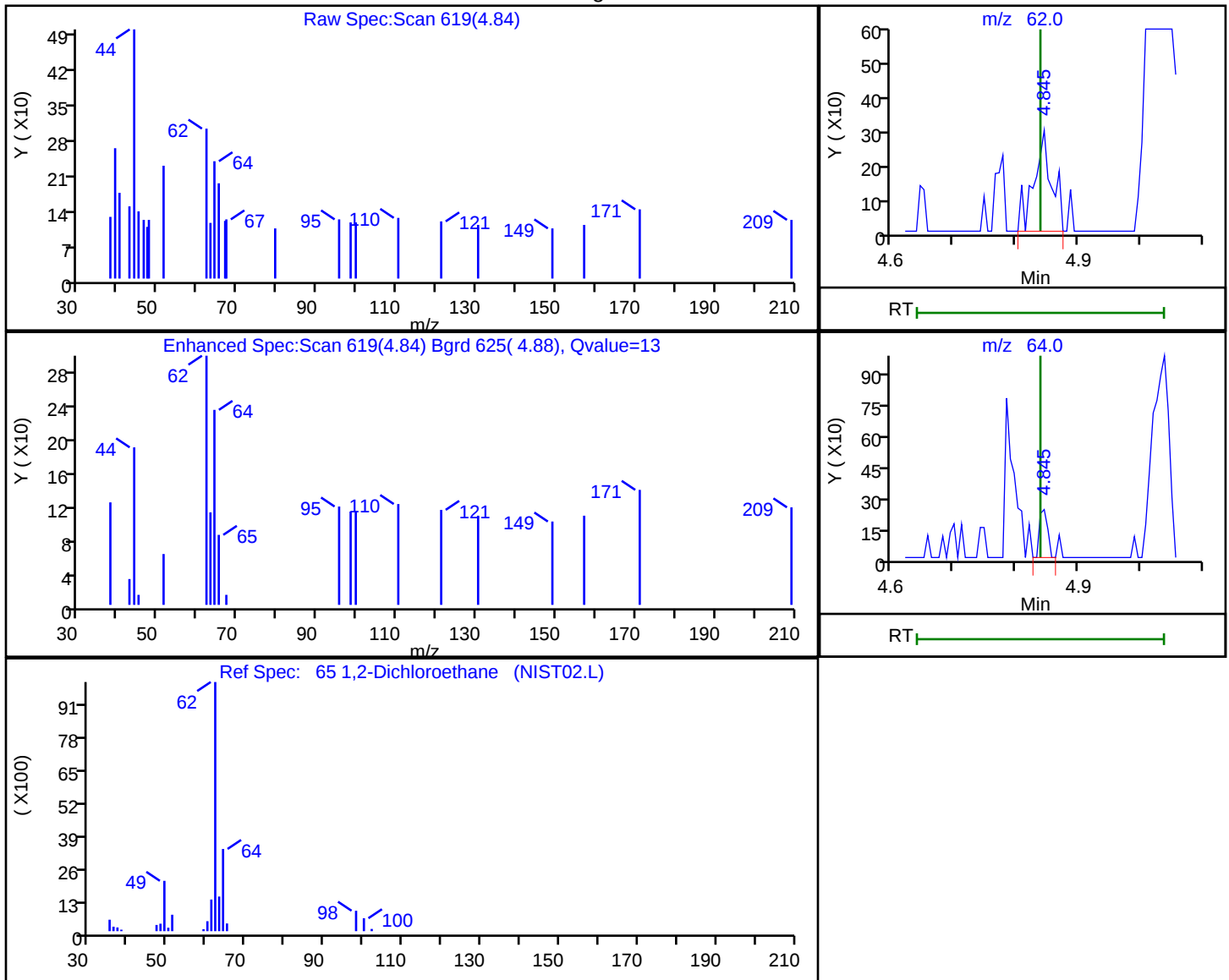
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

65 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.84	62.00	602	0.162740
4.84	64.00	214	

Reviewer: baronm, 13-May-2020 19:32:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19001.D

Injection Date: 13-May-2020 14:57:30

Instrument ID: CVOAMS11

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_11

Limit Group:

VOA 624.1 ICAL

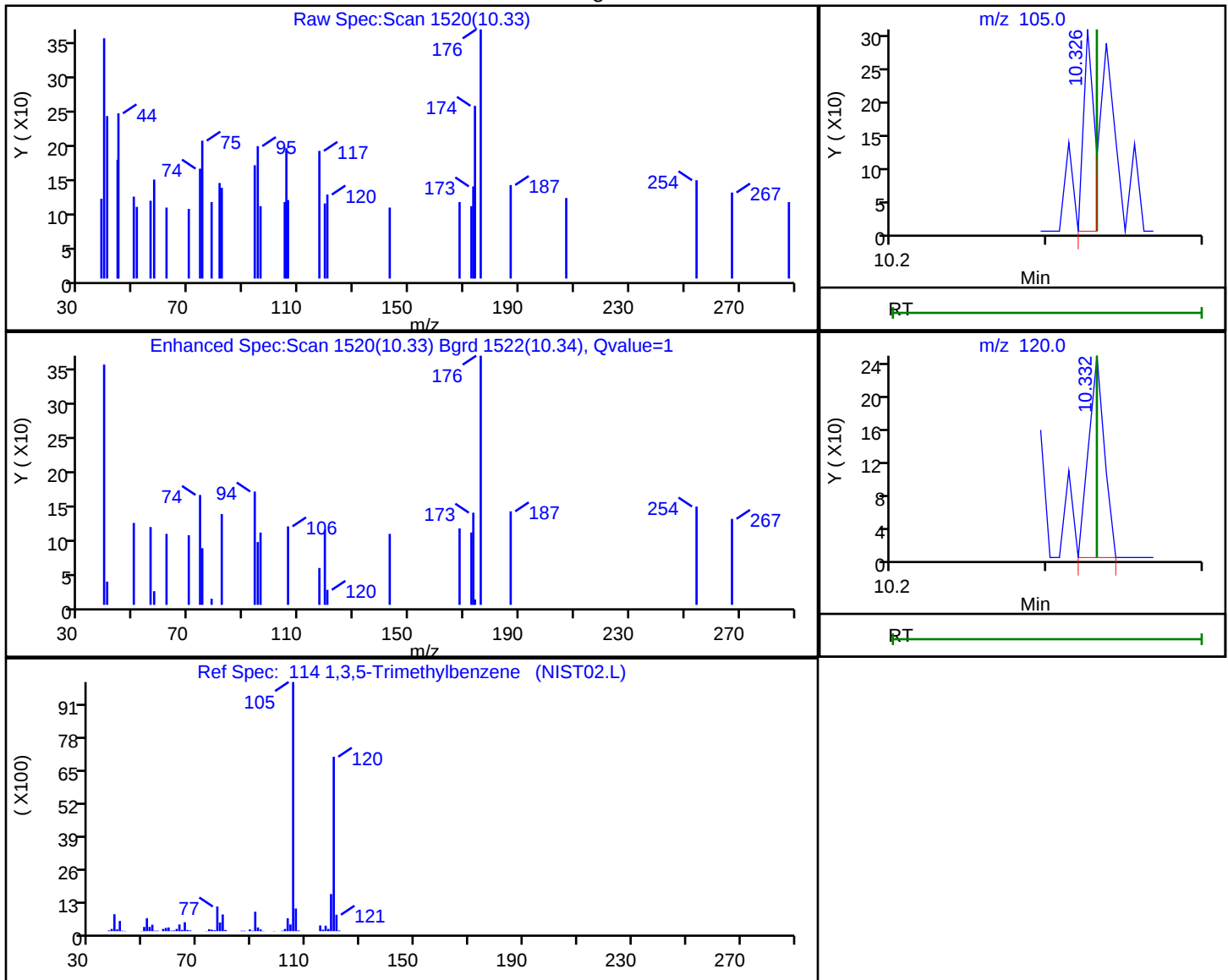
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

114 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
10.33	105.00	152	0.017464
10.33	120.00	170	

Reviewer: baronm, 13-May-2020 19:32:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19001.D

Injection Date: 13-May-2020 14:57:30

Instrument ID: CVOAMS11

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

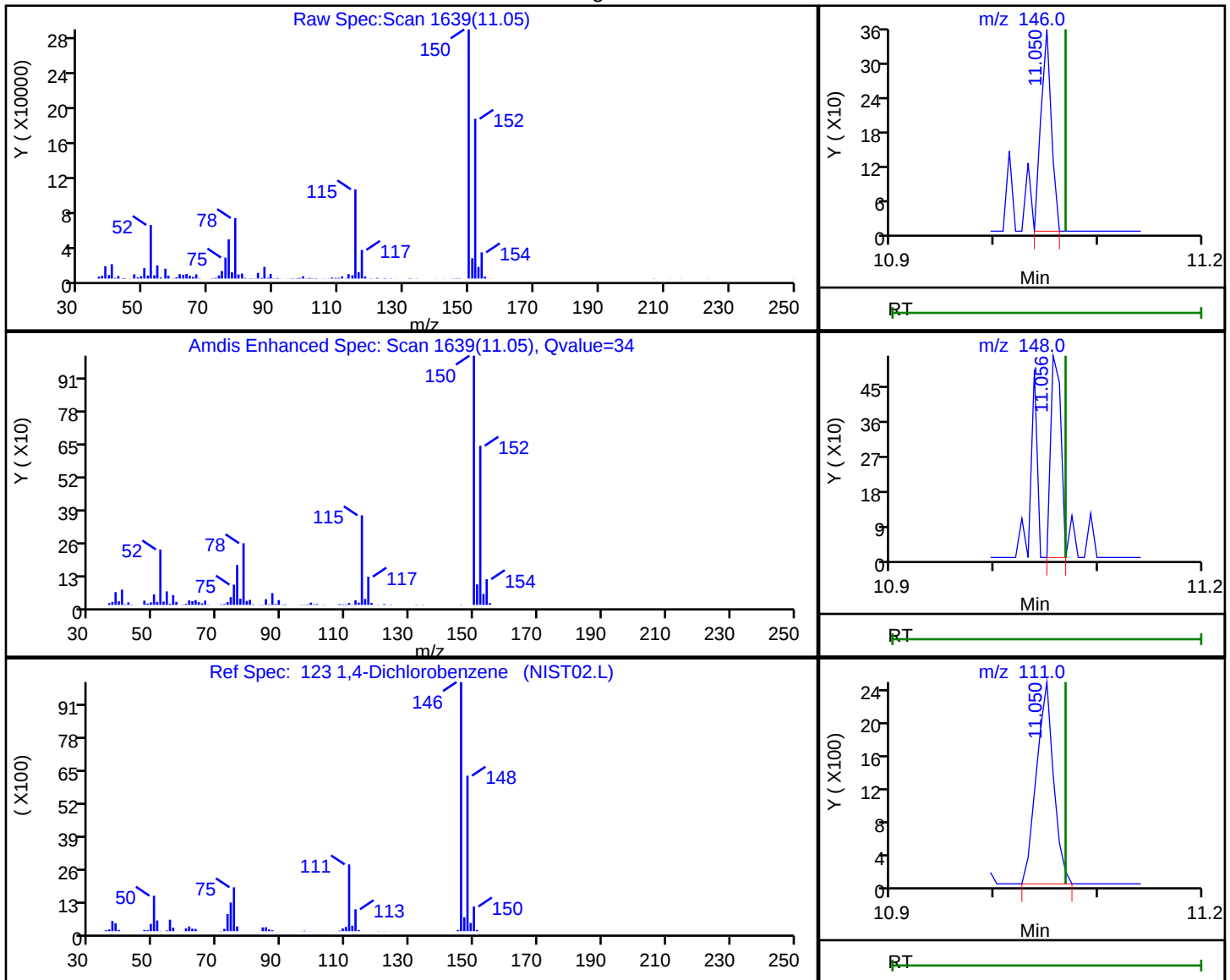
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

123 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
11.05	146.00	248	0.045218
11.06	148.00	358	
11.05	111.00	2811	

Reviewer: baronm, 13-May-2020 19:32:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19001.D

Injection Date: 13-May-2020 14:57:30

Instrument ID: CVOAMS11

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

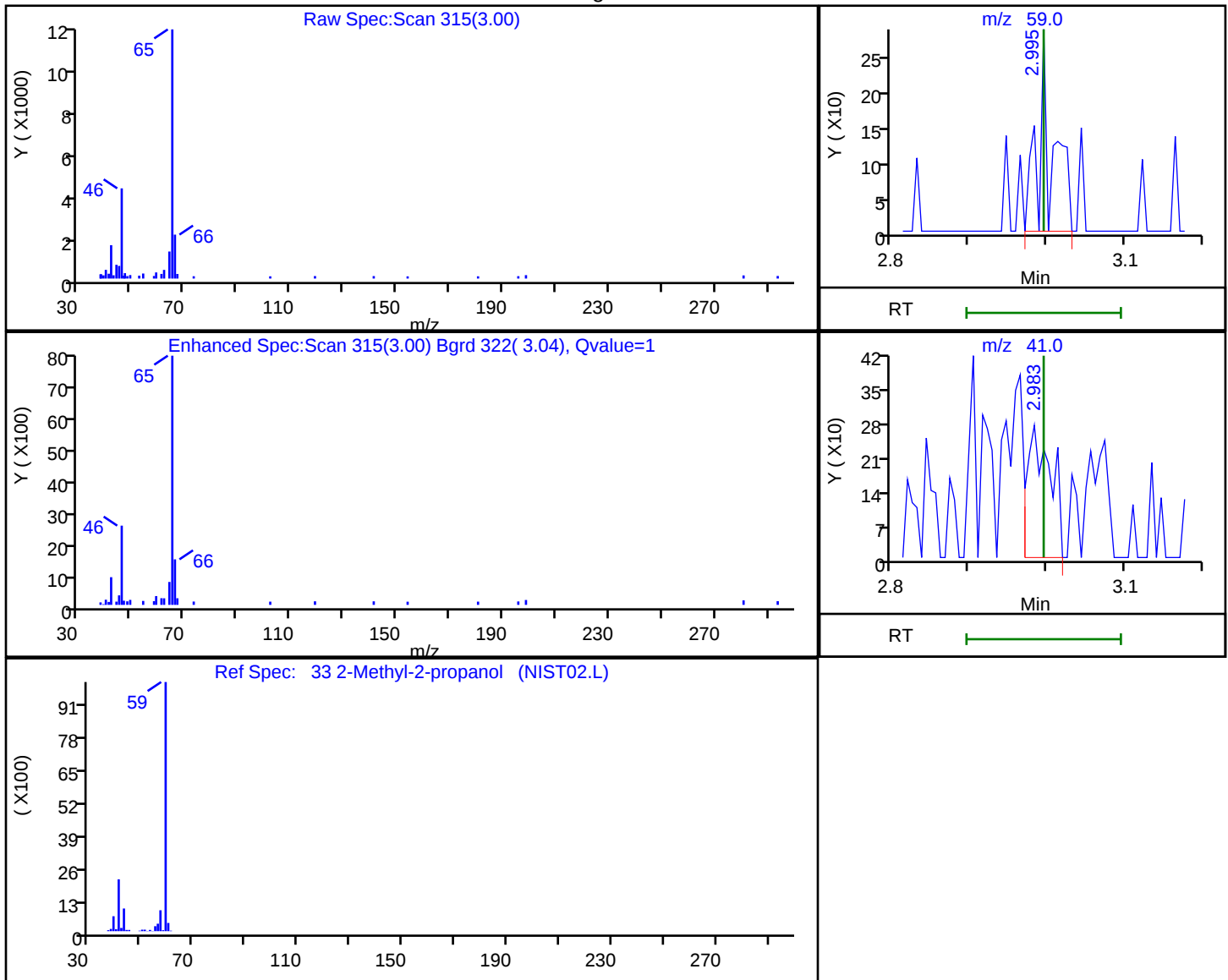
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

33 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
3.00	59.00	369	1.602429
2.98	41.00	568	

Reviewer: baronm, 13-May-2020 19:32:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19001.D

Injection Date: 13-May-2020 14:57:30

Instrument ID: CVOAMS11

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_11

Limit Group:

VOA 624.1 ICAL

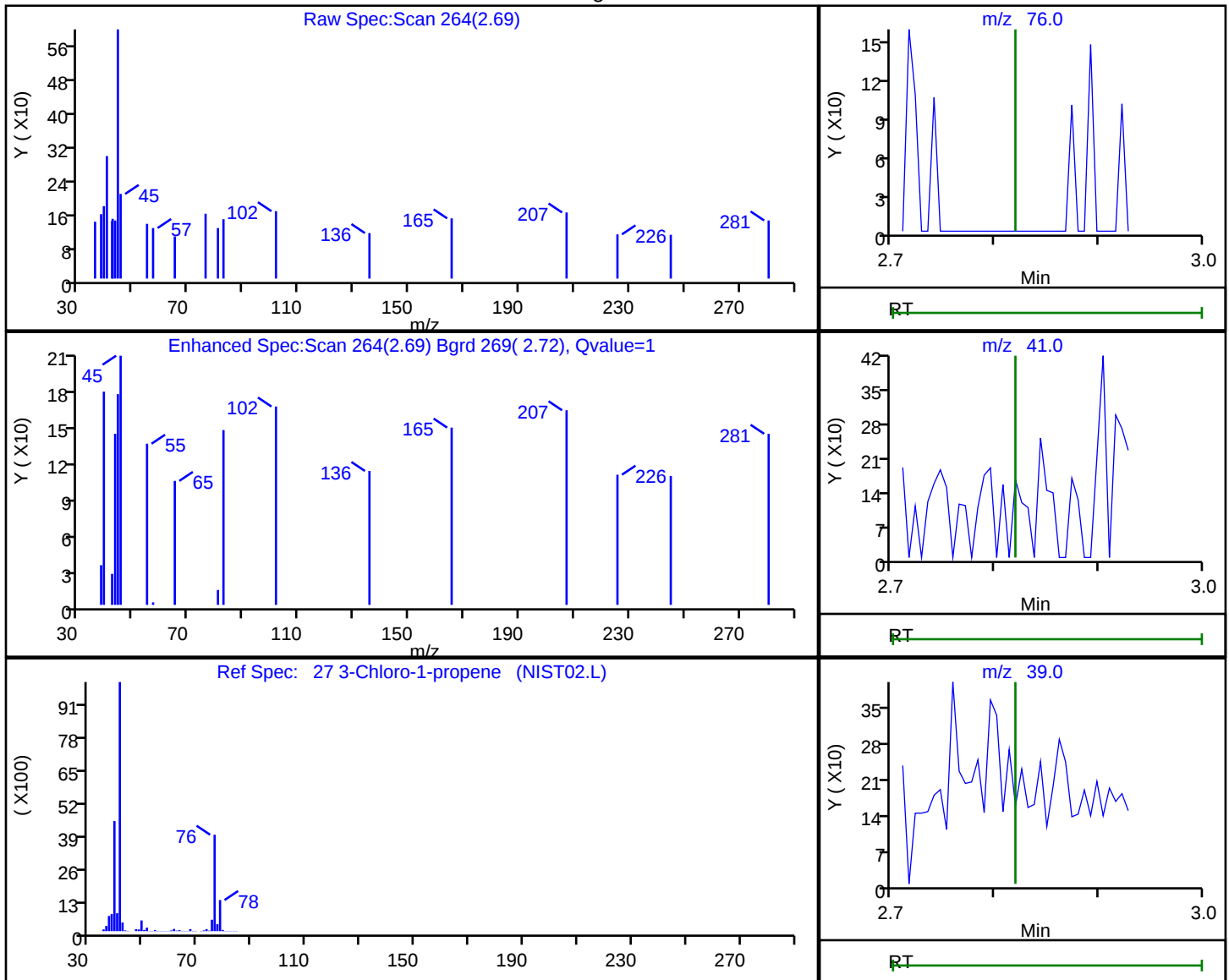
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
2.69	76.00	108	0.067633
2.68	41.00	127	
2.70	39.00	77	

Reviewer: baronm, 13-May-2020 19:32:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19001.D

Injection Date: 13-May-2020 14:57:30

Instrument ID: CVOAMS11

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

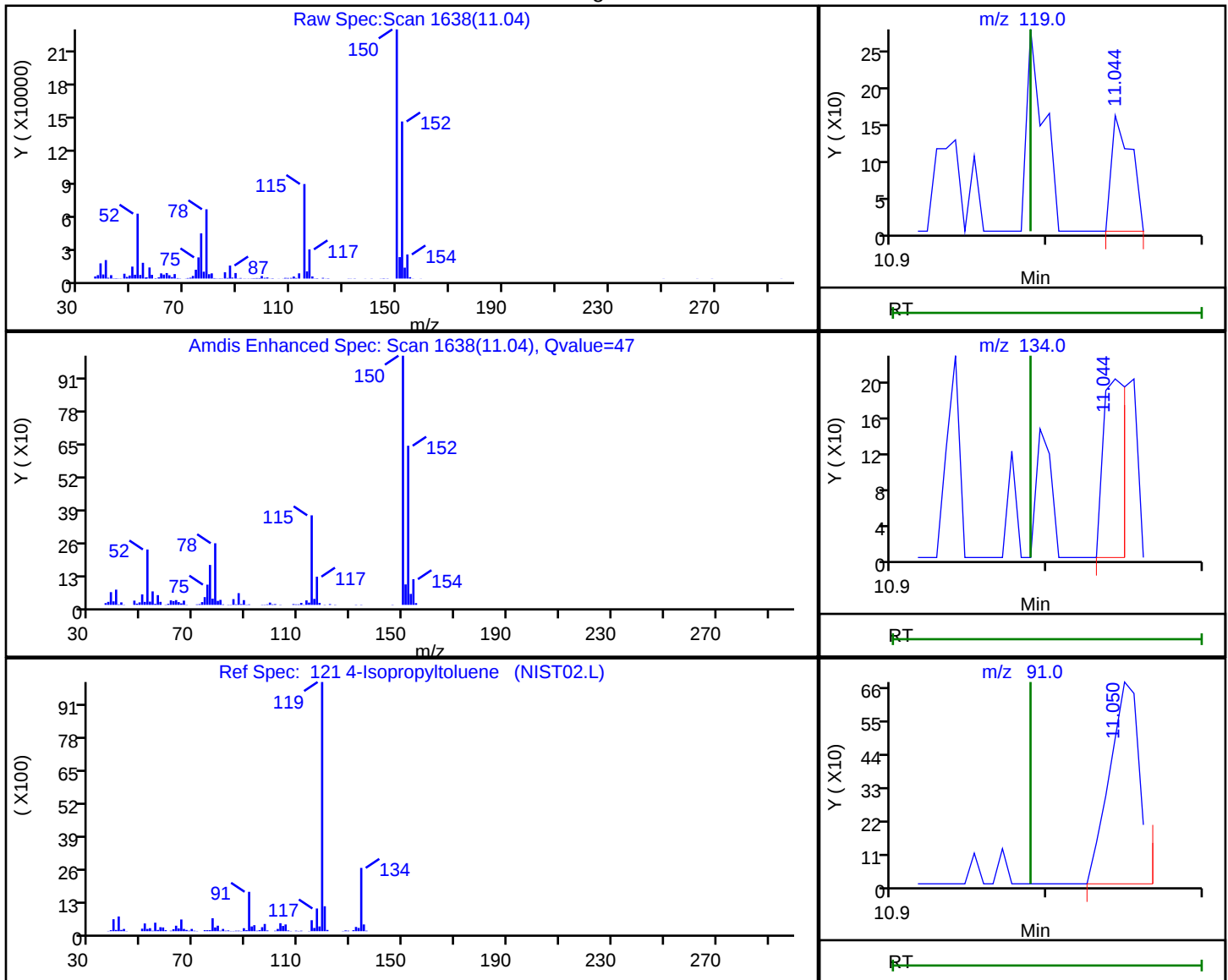
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

121 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
11.04	119.00	139	0.016975
11.04	134.00	211	
11.05	91.00	881	

Reviewer: baronm, 13-May-2020 19:32:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19001.D

Injection Date: 13-May-2020 14:57:30

Instrument ID: CVOAMS11

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

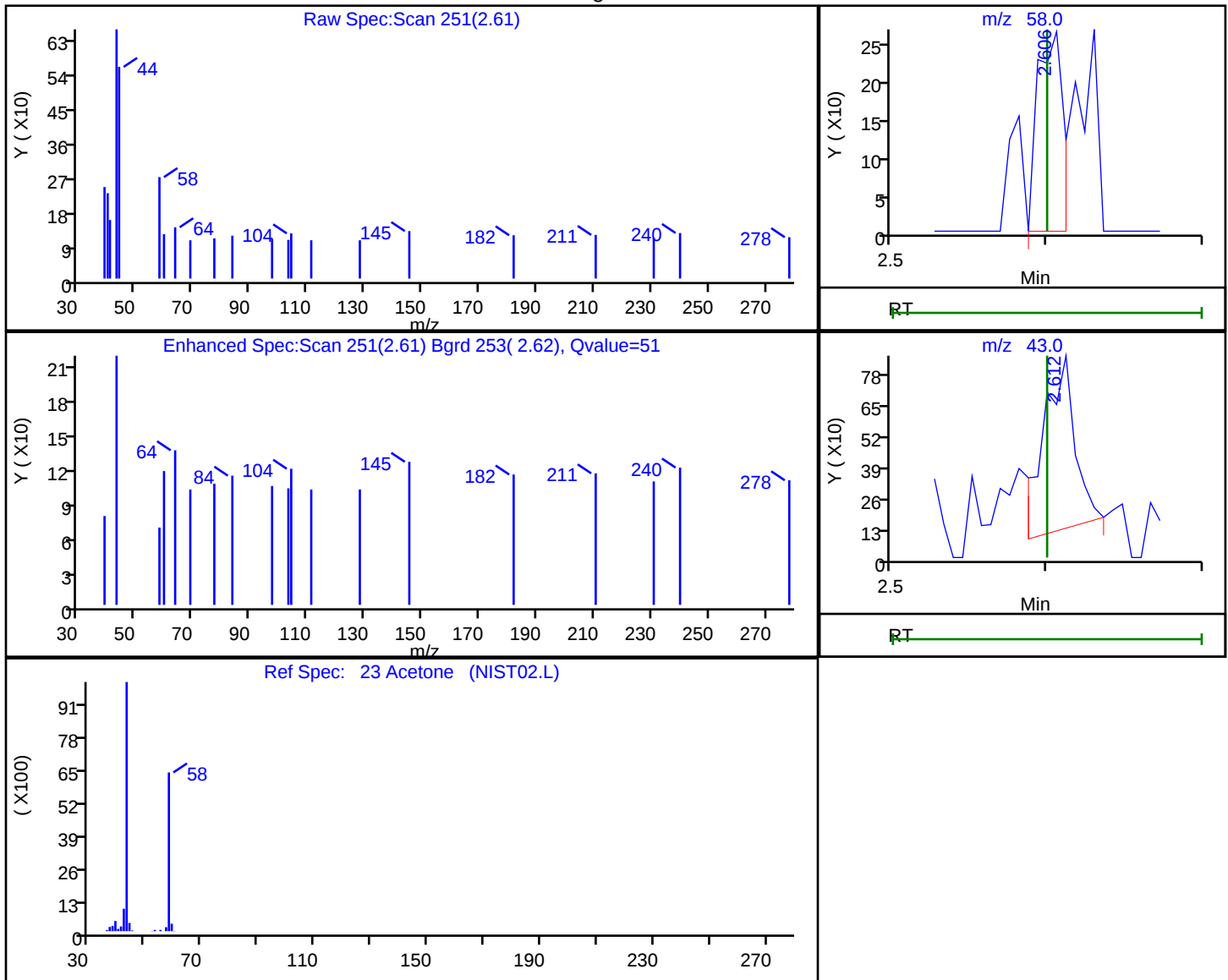
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

23 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.61	58.00	306	0.922254
2.61	43.00	1057	

Reviewer: baronm, 13-May-2020 19:32:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19001.D

Injection Date: 13-May-2020 14:57:30

Instrument ID: CVOAMS11

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_11

Limit Group:

VOA 624.1 ICAL

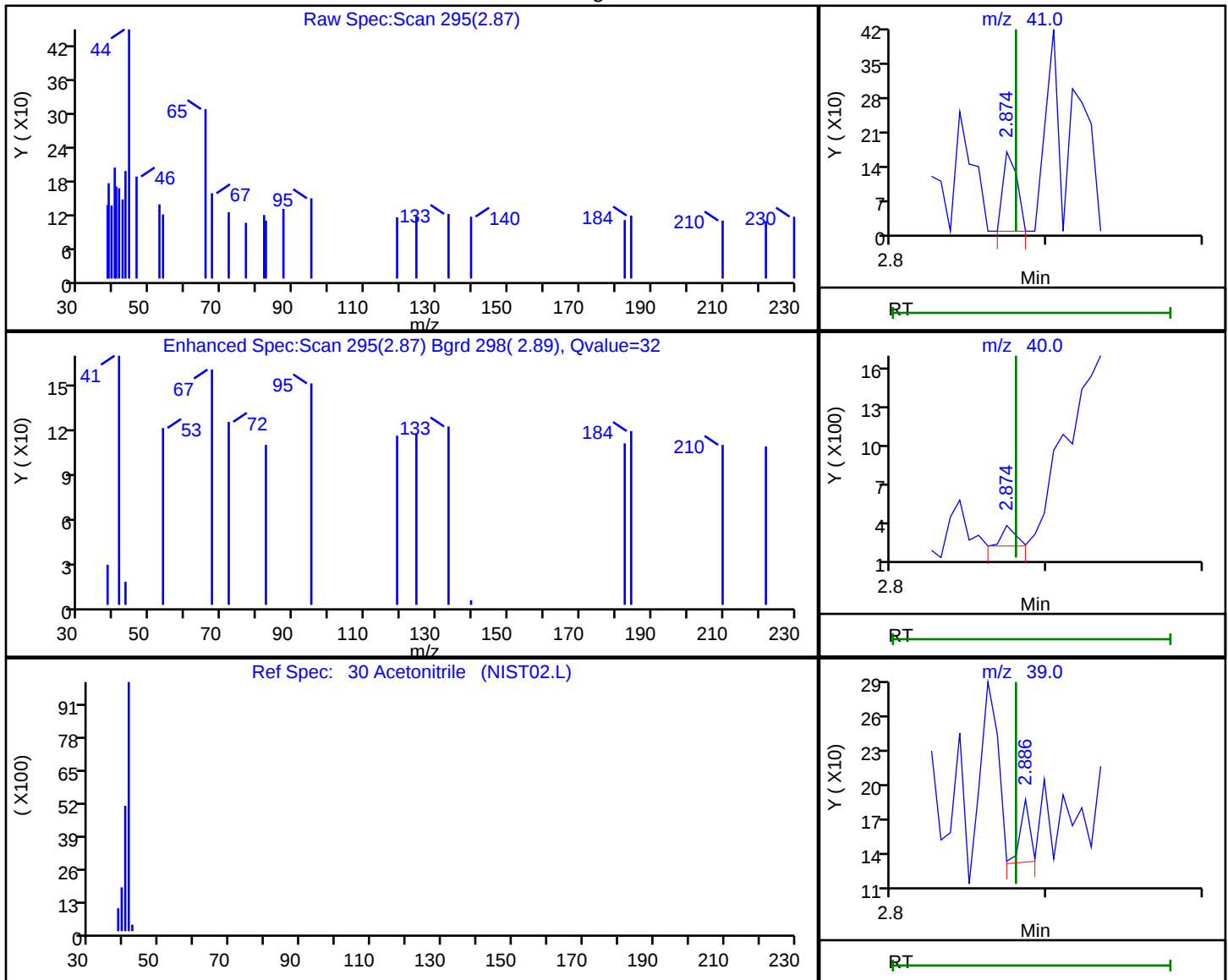
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

30 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.87	41.00	102	0.272712
2.87	40.00	93	
2.89	39.00	23	
2.89	38.00	509	

Reviewer: baronm, 13-May-2020 19:32:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19001.D

Injection Date: 13-May-2020 14:57:30

Instrument ID: CVOAMS11

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

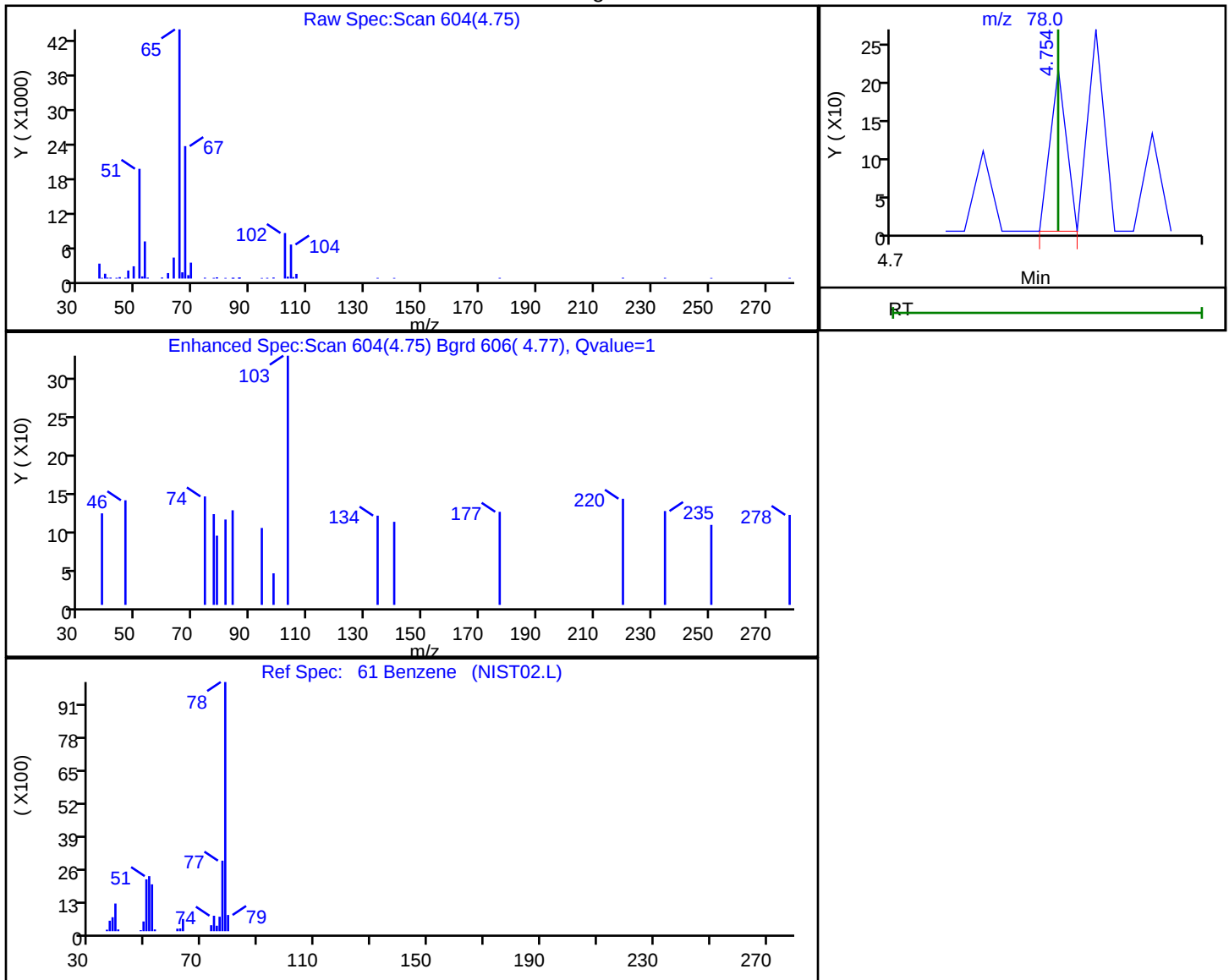
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

61 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
4.75	78.00	77	0.007665

Reviewer: baronm, 13-May-2020 19:32:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19001.D

Injection Date: 13-May-2020 14:57:30

Instrument ID: CVOAMS11

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

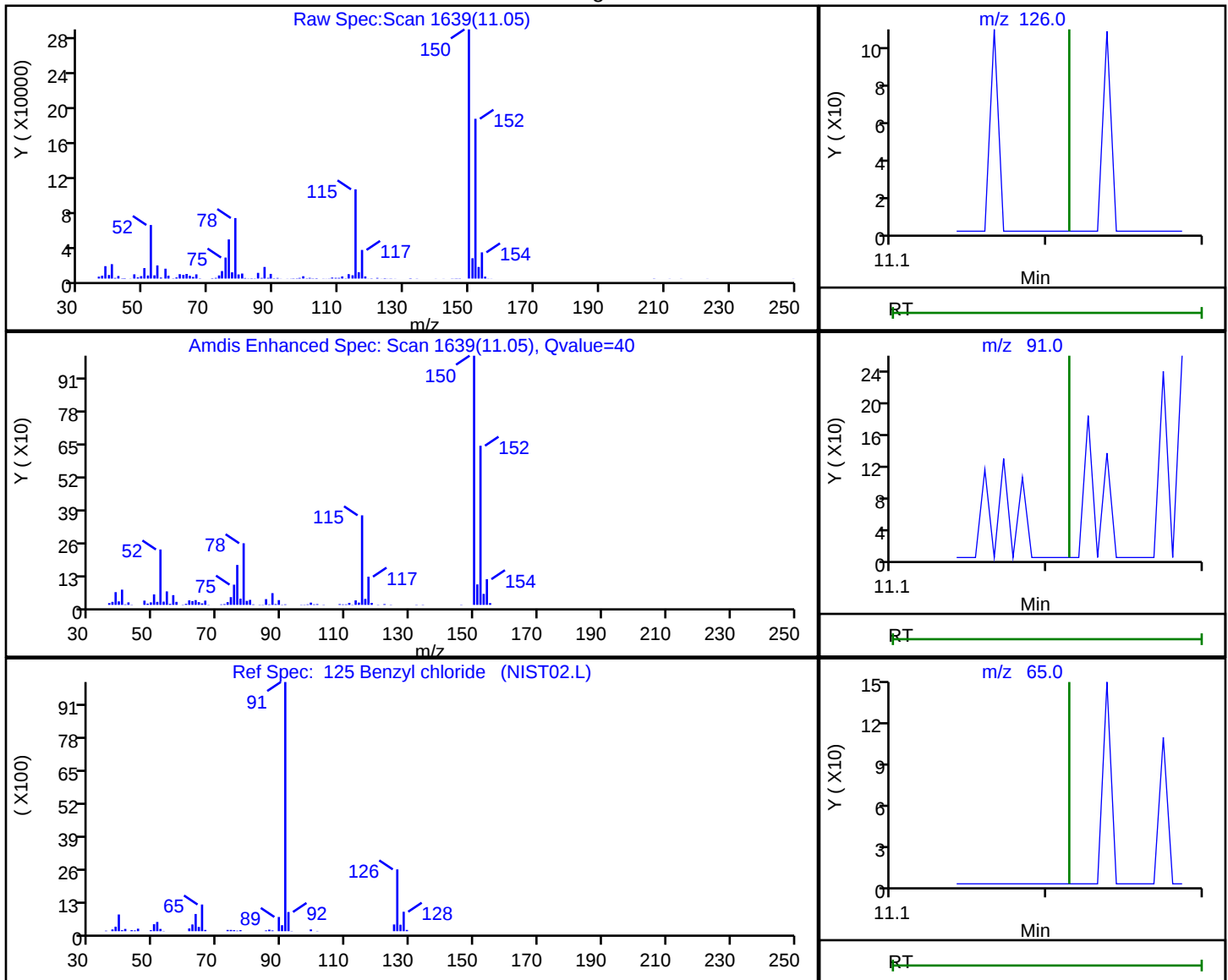
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

125 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
11.05	126.00	109	0.101887
11.05	91.00	881	
11.05	65.00	2162	

Reviewer: baronm, 13-May-2020 19:32:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19001.D

Injection Date: 13-May-2020 14:57:30

Instrument ID: CVOAMS11

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

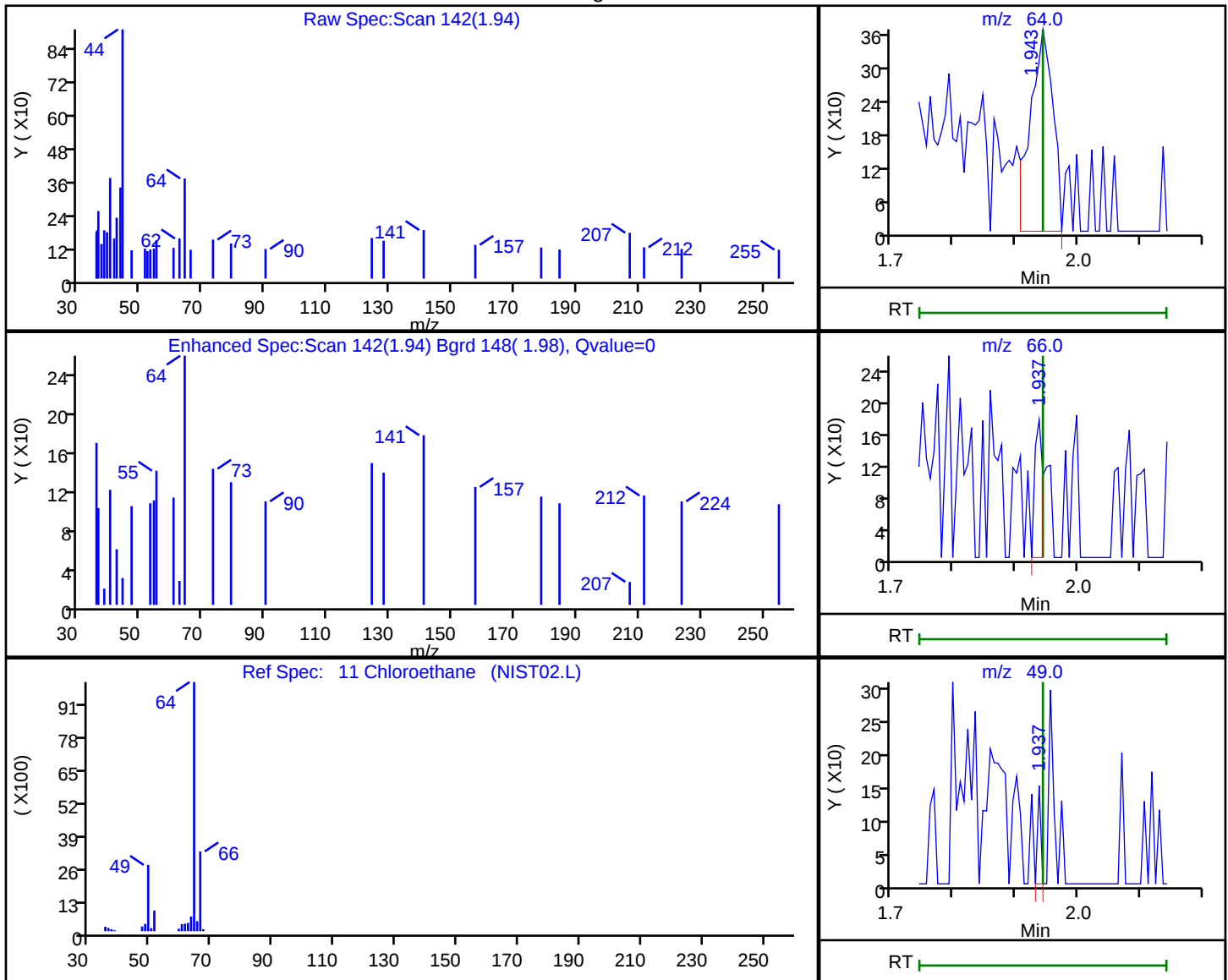
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

11 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.94	64.00	928	0.360092
1.94	66.00	154	
1.94	49.00	55	

Reviewer: baronm, 13-May-2020 19:32:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19001.D

Injection Date: 13-May-2020 14:57:30

Instrument ID: CVOAMS11

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_11

Limit Group:

VOA 624.1 ICAL

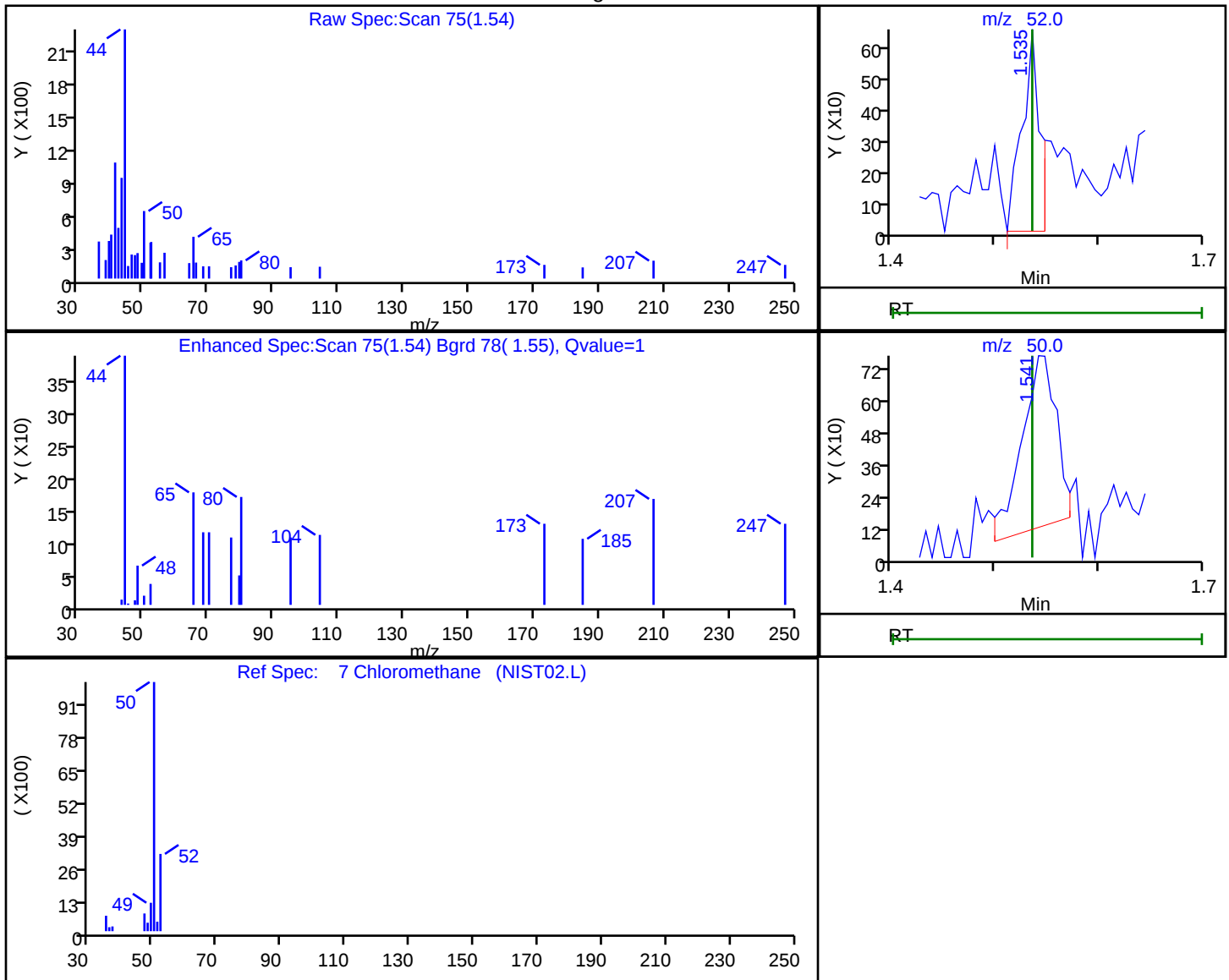
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

7 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.54	52.00	793	0.453237
1.54	50.00	1528	

Reviewer: baronm, 13-May-2020 19:32:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19001.D

Injection Date: 13-May-2020 14:57:30

Instrument ID: CVOAMS11

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_11

Limit Group:

VOA 624.1 ICAL

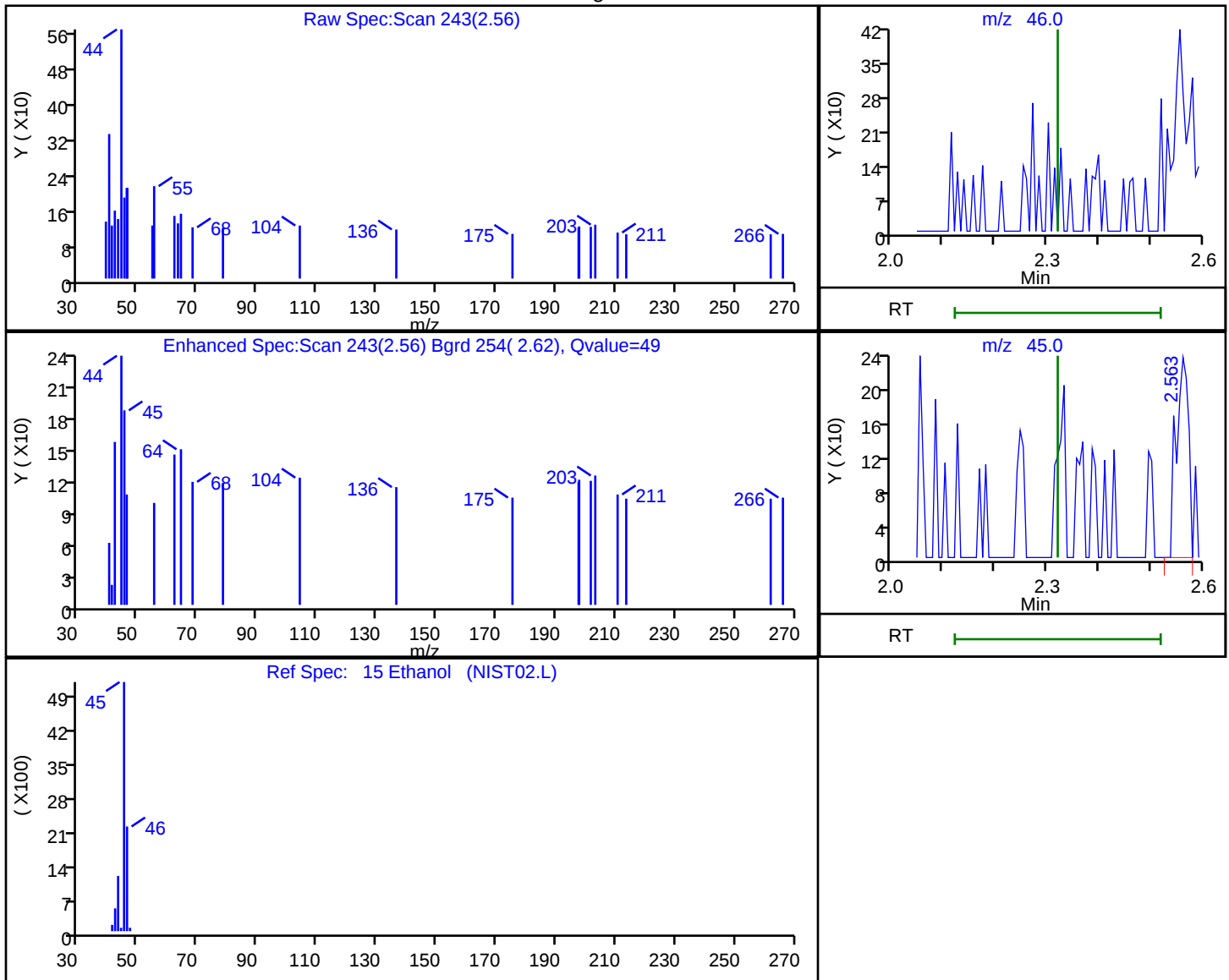
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

15 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
2.56	46.00	1021	99.253278
2.56	45.00	379	

Reviewer: baronm, 13-May-2020 19:32:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19001.D

Injection Date: 13-May-2020 14:57:30

Instrument ID: CVOAMS11

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

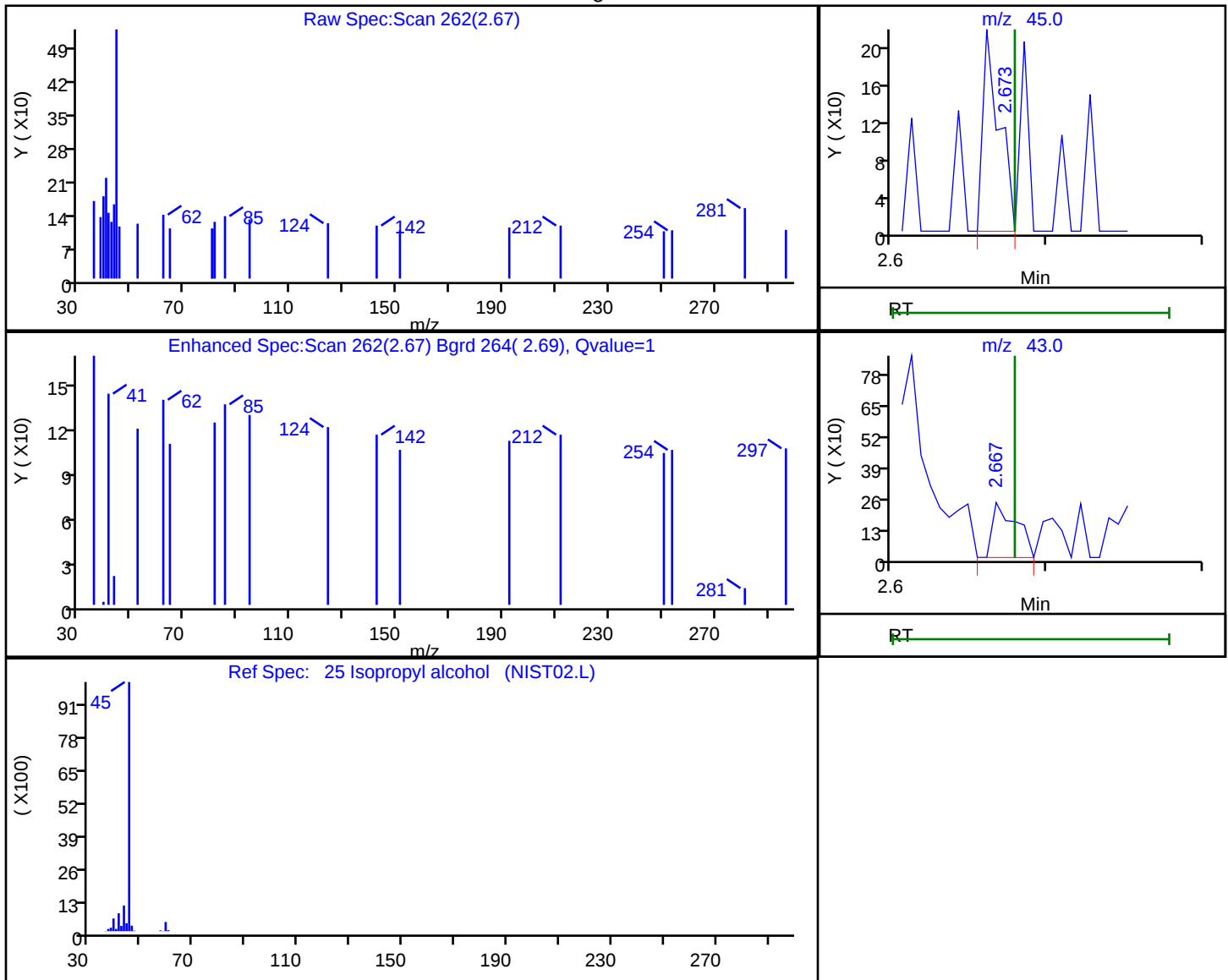
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
2.67	45.00	157	1.000509
2.67	43.00	249	

Reviewer: baronm, 13-May-2020 19:32:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19001.D

Injection Date: 13-May-2020 14:57:30

Instrument ID: CVOAMS11

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_11

Limit Group:

VOA 624.1 ICAL

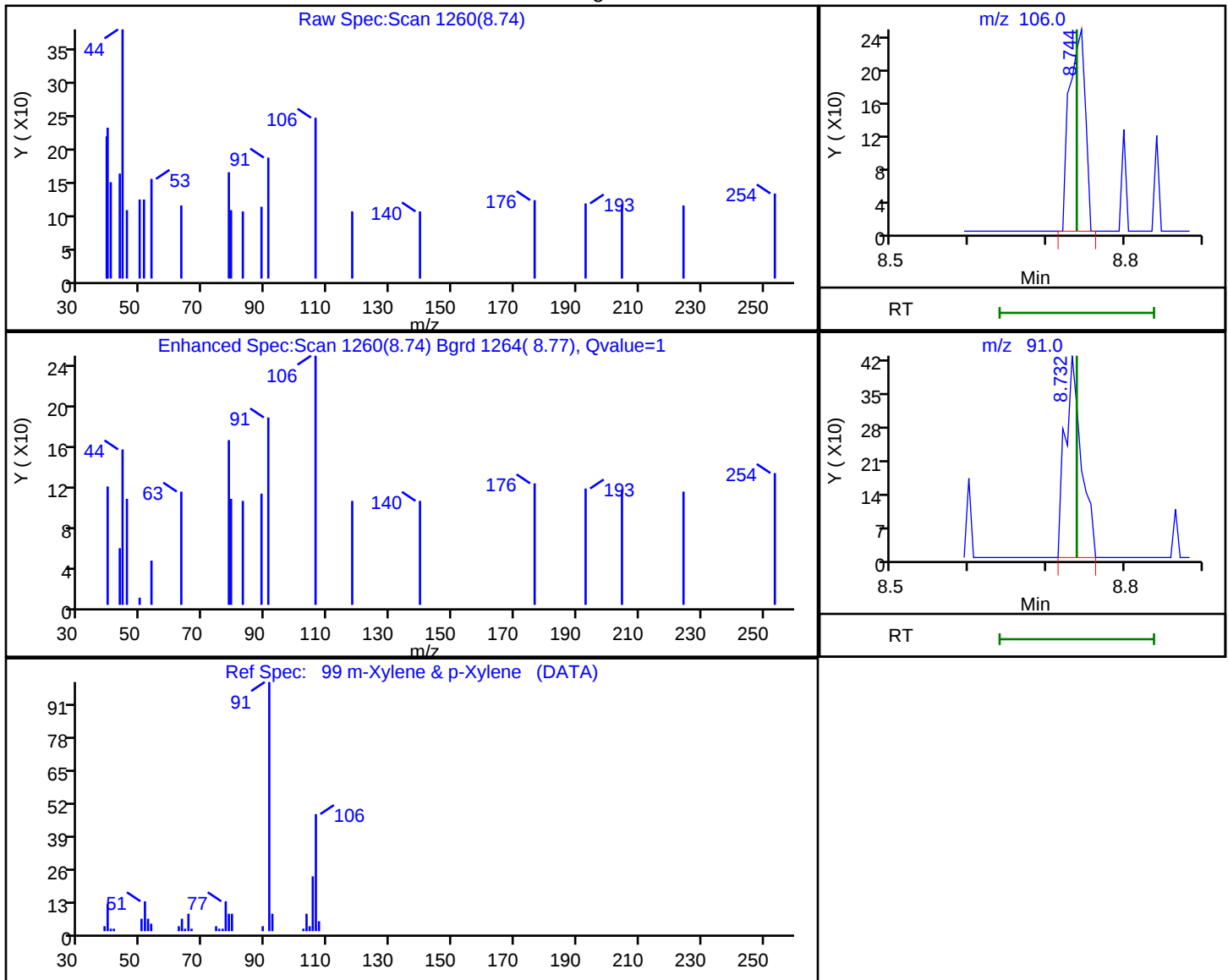
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
8.74	106.00	342	0.082694
8.73	91.00	611	

Reviewer: baronm, 13-May-2020 19:32:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19001.D

Injection Date: 13-May-2020 14:57:30

Instrument ID: CVOAMS11

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

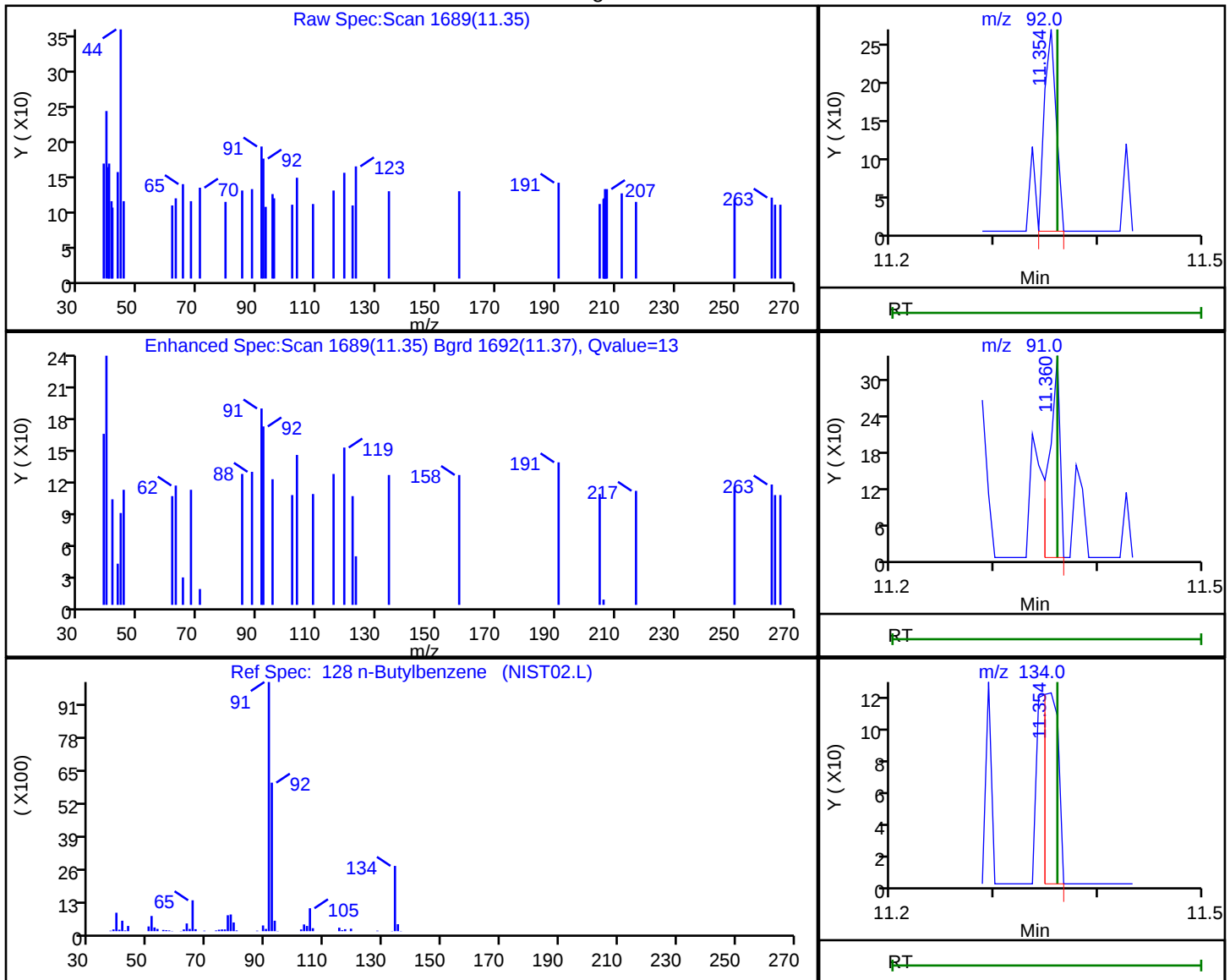
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

128 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.35	92.00	212	0.055267
11.36	91.00	235	
11.35	134.00	129	

Reviewer: baronm, 13-May-2020 19:32:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19001.D

Injection Date: 13-May-2020 14:57:30

Instrument ID: CVOAMS11

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

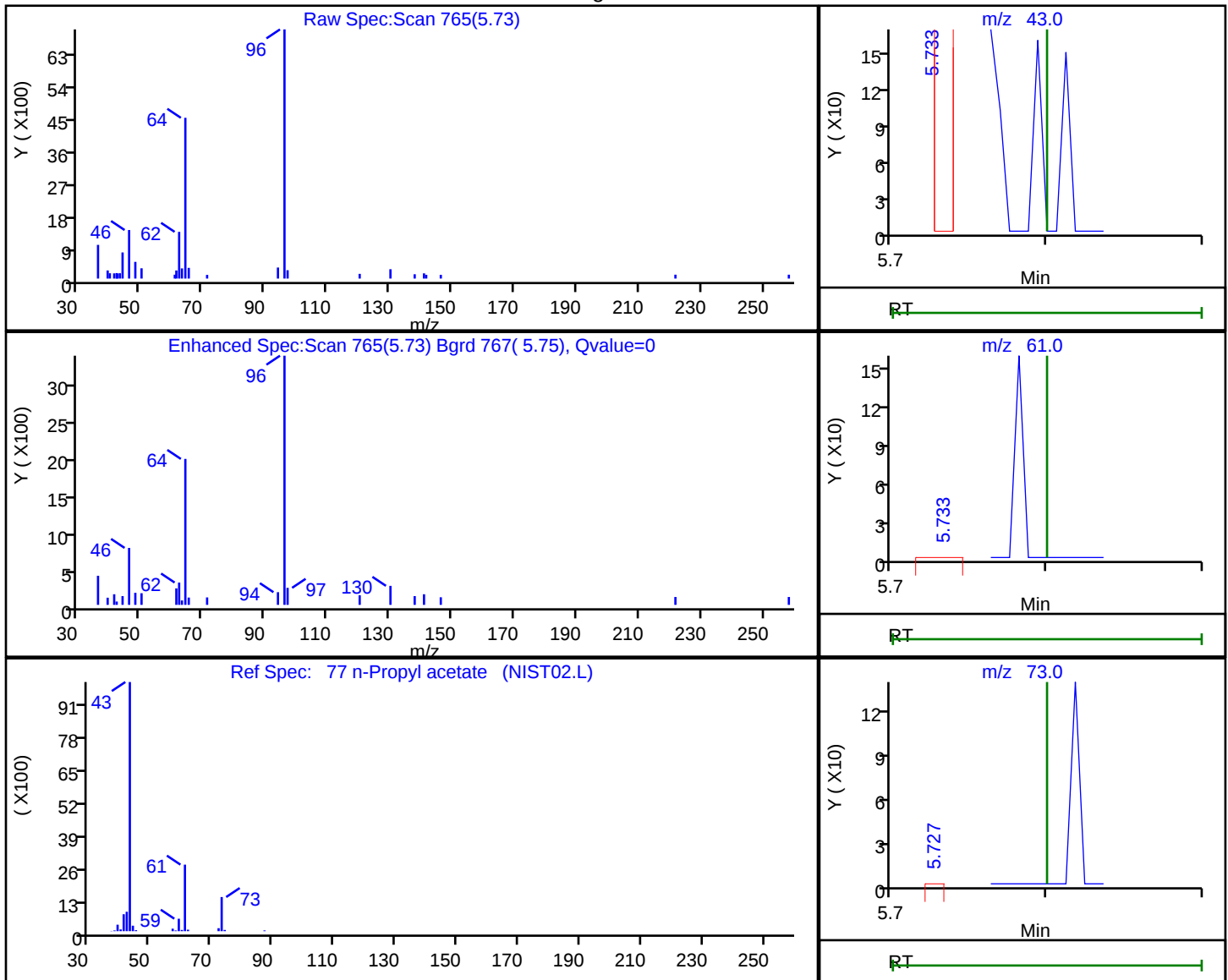
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

77 n-Propyl acetate, CAS: 109-60-4

Processing Results



RT	Mass	Response	Amount
5.73	43.00	142	0.032948
5.73	61.00	264	
5.73	73.00	41	

Reviewer: baronm, 13-May-2020 19:32:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19001.D

Injection Date: 13-May-2020 14:57:30

Instrument ID: CVOAMS11

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_11

Limit Group:

VOA 624.1 ICAL

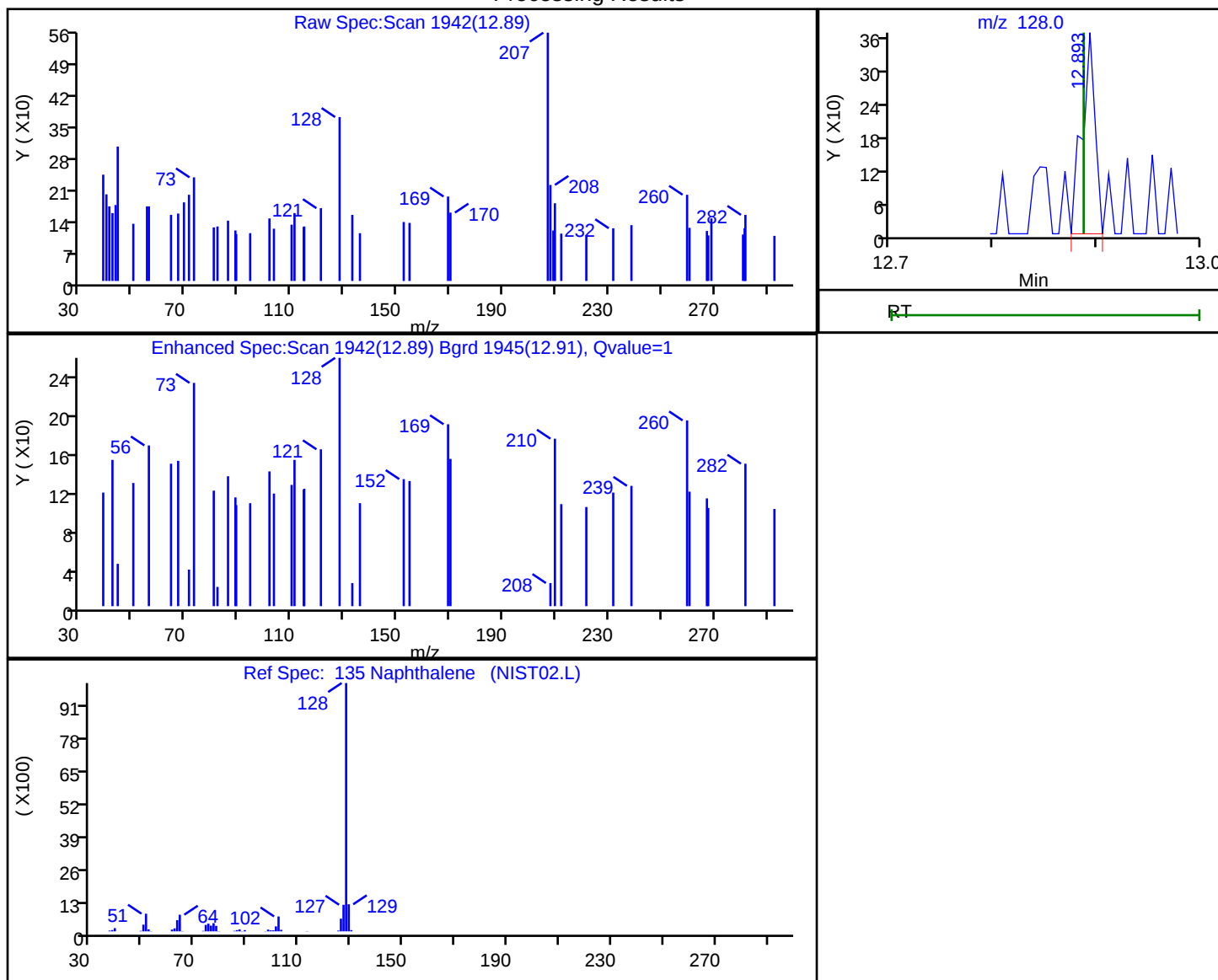
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

135 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
12.89	128.00	324	0.027989

Reviewer: baronm, 13-May-2020 19:33:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19001.D

Injection Date: 13-May-2020 14:57:30

Instrument ID: CVOAMS11

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

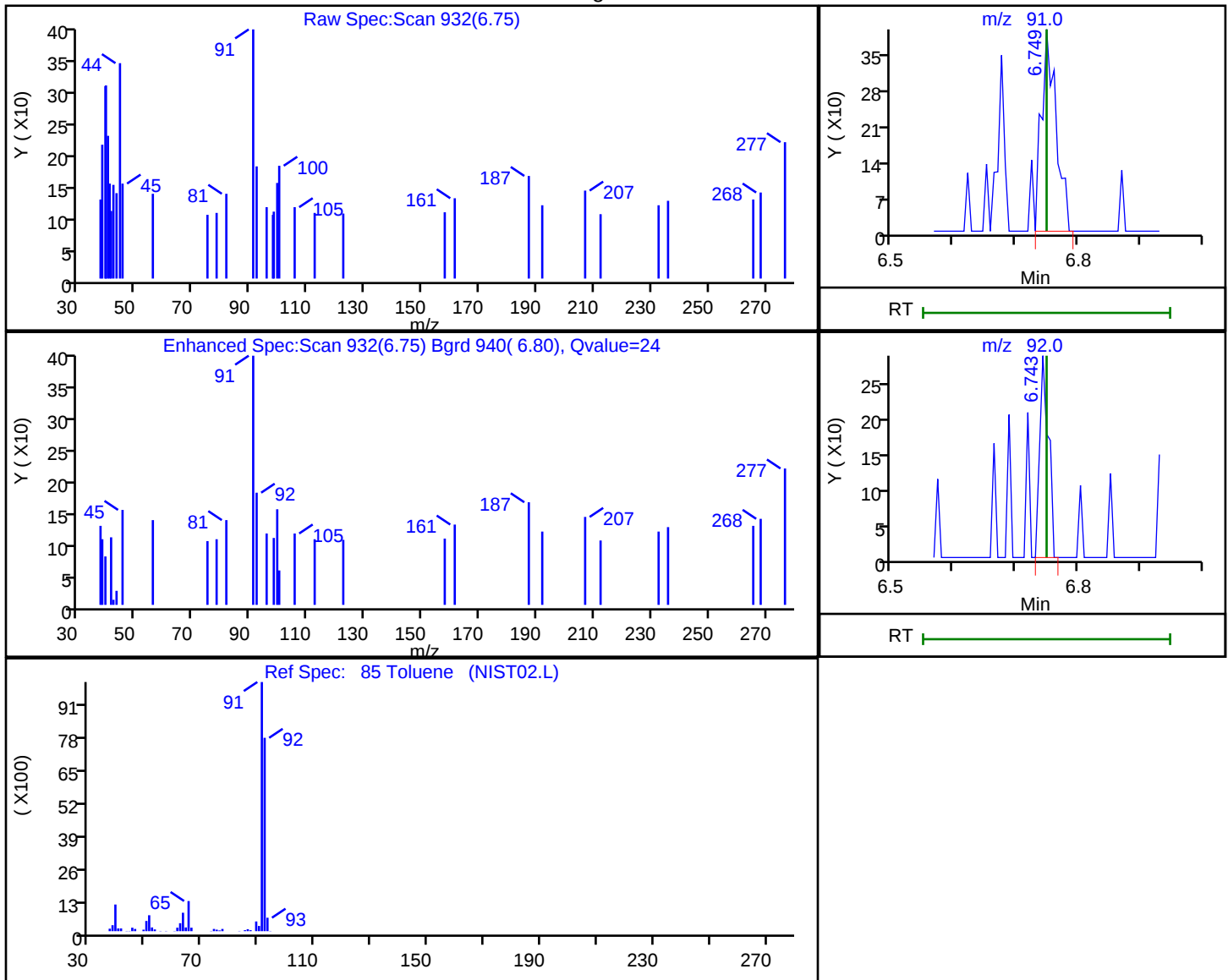
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

85 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
6.75	91.00	644	0.062648
6.74	92.00	282	

Reviewer: baronm, 13-May-2020 19:32:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19001.D

Injection Date: 13-May-2020 14:57:30

Instrument ID: CVOAMS11

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

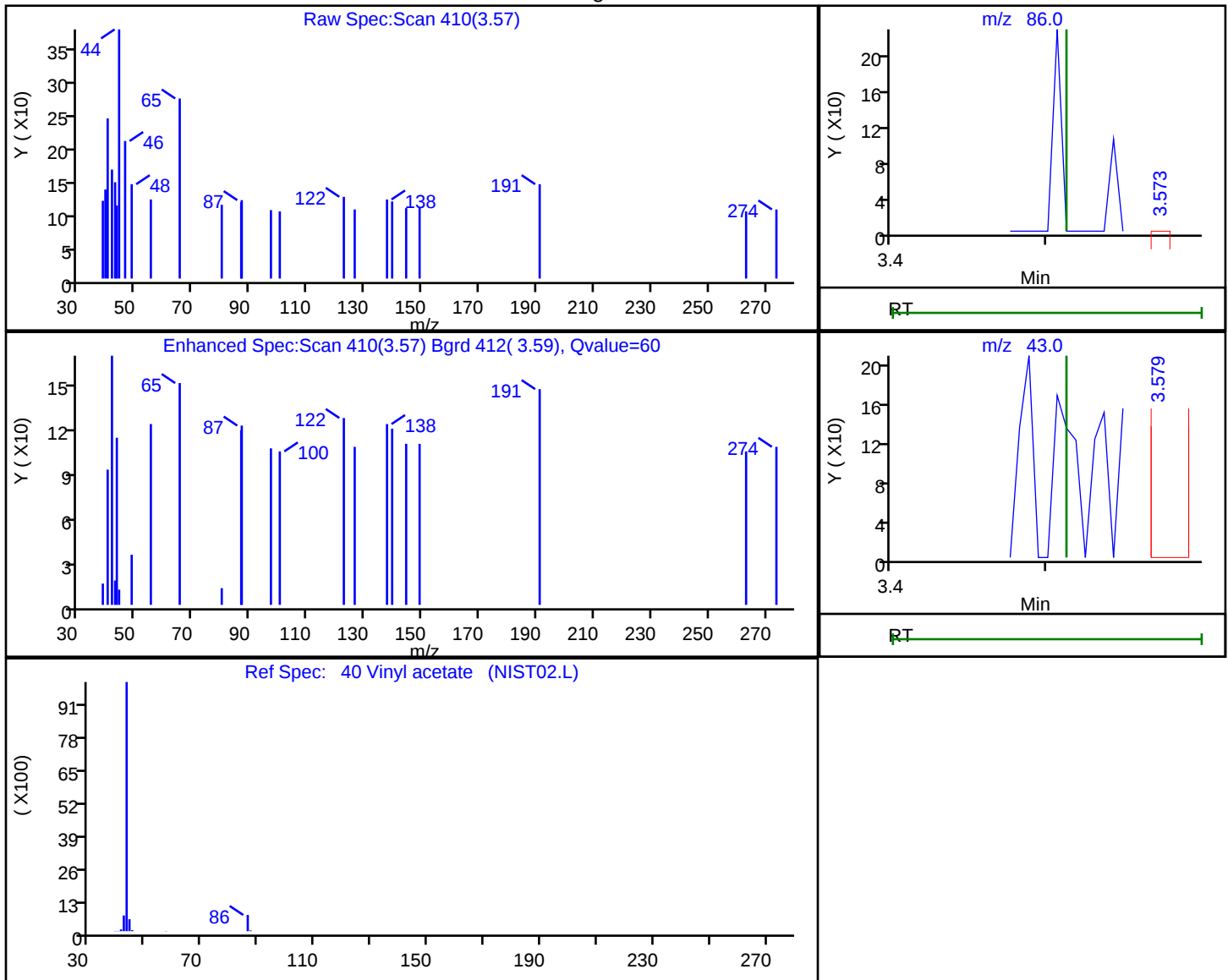
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

40 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
3.57	86.00	42	0.077111
3.58	43.00	105	

Reviewer: baronm, 13-May-2020 19:32:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19001.D

Injection Date: 13-May-2020 14:57:30

Instrument ID: CVOAMS11

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_11

Limit Group:

VOA 624.1 ICAL

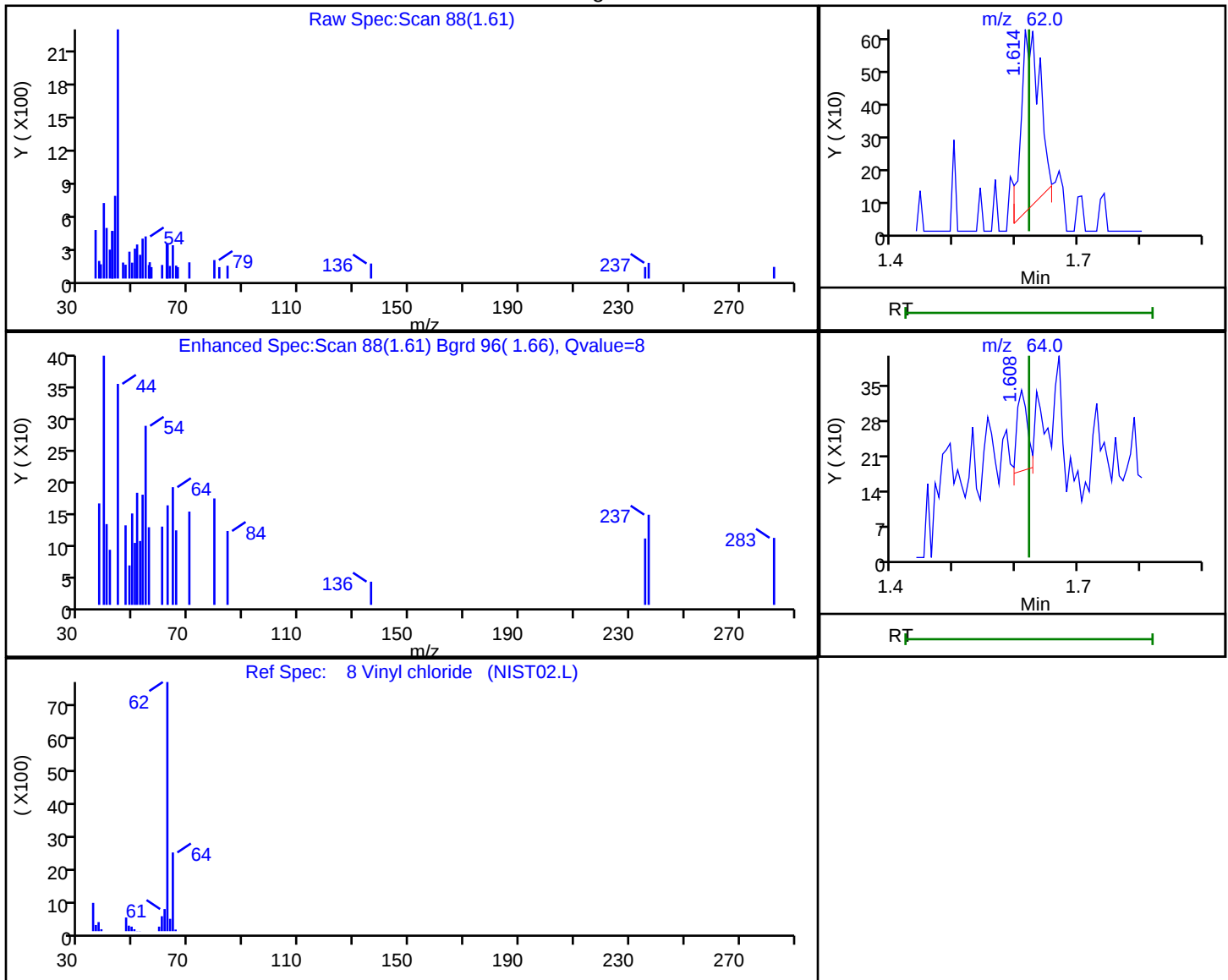
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

8 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.61	62.00	1144	0.483658
1.61	64.00	190	

Reviewer: baronm, 13-May-2020 19:32:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19002.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 13-May-2020 15:22:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0110045-004
 Operator ID: Instrument ID: CVOAMS11
 Sublist: chrom-8260W_11*sub8
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\8260W_11.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 14-May-2020 08:43:17 Calib Date: 13-May-2020 17:15:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19007.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0305

First Level Reviewer: baronm

Date: 13-May-2020 19:35:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	51	1.359	1.359	0.000	92	2711	NC	NC	
4 Chlorotrifluoroethene	116	1.359	1.359	0.000	45	757	NC	NC	a
5 Dichlorodifluoromethane	87	1.365	1.365	0.000	84	1165	1.00	1.06	a
6 Chlorodifluoromethane	51	1.401	1.401	0.000	25	3416	NC	NC	Ma
7 Chloromethane	52	1.541	1.541	0.000	99	2066	1.00	1.10	
9 Butadiene	54	1.626	1.626	0.000	97	3954	1.00	1.00	
8 Vinyl chloride	62	1.639	1.639	0.000	85	5496	1.00	1.12	M
10 Bromomethane	94	1.894	1.894	0.000	96	3724	1.00	1.13	
11 Chloroethane	64	1.949	1.949	0.000	95	3087	1.00	1.24	
12 Dichlorofluoromethane	67	2.113	2.113	0.000	96	6325	NC	NC	a
13 Trichlorofluoromethane	101	2.125	2.125	0.000	64	4202	1.00	1.09	
14 Pentane	72	2.150	2.150	0.000	96	772	2.00	1.96	
15 Ethanol	46	2.320	2.320	0.000	72	659	40.0	43.5	Ma
16 Ethyl ether	74	2.326	2.326	0.000	93	1742	1.00	1.04	
17 2-Methyl-1,3-butadiene	53	2.350	2.350	0.000	95	2263	1.00	1.01	
18 1,2-Dichloro-1,1,2-trifluoroethane	117	2.381	2.381	0.000	69	2293	NC	NC	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	2.436	2.436	0.000	53	3731	NC	NC	a
20 Acrolein	56	2.496	2.496	0.000	57	1589	4.00	3.99	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.527	2.527	0.000	45	2430	1.00	1.09	
22 1,1-Dichloroethene	96	2.527	2.527	0.000	98	2679	1.00	1.13	
23 Acetone	58	2.612	2.612	0.000	87	1957	5.00	5.83	
24 Iodomethane	142	2.679	2.679	0.000	97	5252	1.00	1.06	
25 Isopropyl alcohol	45	2.679	2.679	0.000	29	2012	10.0	12.2	
26 Carbon disulfide	76	2.703	2.703	0.000	99	9285	1.00	1.02	
27 3-Chloro-1-propene	76	2.825	2.825	0.000	90	1702	1.00	1.07	
28 Methyl acetate	74	2.843	2.843	0.000	98	1180	2.00	2.27	
29 Cyclopentene	67	2.843	2.843	0.000	93	6317	NC	NC	
30 Acetonitrile	41	2.892	2.892	0.000	79	2495	10.0	10.1	
* 31 TBA-d9 (IS)	66	2.934	2.934	0.000	69	46484	1000.0	1000.0	
32 Methylene Chloride	84	2.947	2.947	0.000	31	3720	1.00	1.15	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 2-Methyl-2-propanol	59	2.995	2.995	0.000	1	3471	10.0	12.6	a
34 Methyl tert-butyl ether	73	3.105	3.105	0.000	97	7550	1.00	1.03	
35 trans-1,2-Dichloroethene	96	3.129	3.129	0.000	94	2936	1.00	1.10	
36 Acrylonitrile	53	3.190	3.190	0.000	95	11669	10.0	9.18	
37 Hexane	56	3.275	3.275	0.000	90	1563	1.00	1.20	
38 Isopropyl ether	45	3.476	3.476	0.000	91	9724	1.00	1.01	
39 1,1-Dichloroethane	63	3.506	3.506	0.000	63	4584	1.00	0.9534	
40 Vinyl acetate	86	3.512	3.512	0.000	99	1268	2.00	2.30	
41 2-Chloro-1,3-butadiene	88	3.555	3.555	0.000	70	2513	NC	NC	
42 Tert-butyl ethyl ether	59	3.786	3.786	0.000	90	7517	NC	NC	
* 43 2-Butanone-d5	46	3.969	3.969	0.000	95	396049	250.0	250.0	
44 2,2-Dichloropropane	79	3.993	3.993	0.000	45	1464	1.00	1.26	a
45 cis-1,2-Dichloroethene	96	4.005	4.005	0.000	92	3036	1.00	1.02	
46 2-Butanone (MEK)	72	4.017	4.017	0.000	97	2143	5.00	5.67	
47 Ethyl acetate	70	4.029	4.029	0.000	95	801	2.00	2.35	
48 Methyl acrylate	55	4.078	4.078	0.000	97	2656	NC	NC	
49 Propionitrile	54	4.157	4.157	0.000	99	4718	NC	NC	a
50 Tetrahydrofuran	72	4.230	4.230	0.000	68	1146	2.00	2.01	
51 Chlorobromomethane	128	4.230	4.230	0.000	93	1491	1.00	0.99	
52 Methacrylonitrile	67	4.255	4.255	0.000	93	12277	NC	NC	
53 Chloroform	83	4.273	4.273	0.000	96	4888	1.00	1.05	
54 Cyclohexane	84	4.401	4.401	0.000	93	3168	1.00	0.9541	
55 1,1,1-Trichloroethane	97	4.419	4.419	0.000	77	3481	1.00	0.9712	
\$ 56 Dibromofluoromethane (Surr)	113	4.431	4.431	0.000	97	136561	50.0	49.8	
57 Carbon tetrachloride	117	4.534	4.534	0.000	87	2958	1.00	1.07	
58 1,1-Dichloropropene	75	4.565	4.565	0.000	90	3372	1.00	1.05	
59 Isobutyl alcohol	43	4.687	4.687	0.000	83	4090	NC	NC	a
60 Isooctane	57	4.729	4.729	0.000	87	4810	NC	NC	a
61 Benzene	78	4.753	4.753	0.000	95	10769	1.00	1.05	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.772	4.772	0.000	83	161644	50.0	48.7	
64 Isopropyl acetate	43	4.814	4.814	0.000	87	8571	1.00	0.9866	a
63 Tert-amyl methyl ether	73	4.814	4.814	0.000	66	7177	NC	NC	
65 1,2-Dichloroethane	62	4.845	4.845	0.000	96	4184	1.00	1.13	
66 n-Heptane	57	4.906	4.906	0.000	84	1044	1.00	1.00	
* 67 Fluorobenzene	96	5.039	5.039	0.000	98	601049	50.0	50.0	
68 n-Butanol	56	5.337	5.337	0.000	69	1368	25.0	22.1	
69 Trichloroethene	95	5.374	5.374	0.000	94	2797	1.00	1.11	
71 Methylcyclohexane	83	5.508	5.508	0.000	78	3034	1.00	0.9777	
70 Ethyl acrylate	99	5.502	5.502	0.000	94	505	1.00	1.03	
72 1,2-Dichloropropane	63	5.660	5.660	0.000	82	2823	1.00	1.02	
* 73 1,4-Dioxane-d8	96	5.721	5.721	0.000	75	32474	1000.0	1000.0	
74 Methyl methacrylate	100	5.739	5.739	0.000	89	1402	2.00	2.06	
75 1,4-Dioxane	88	5.775	5.775	0.000	43	1414	50.0	45.5	
76 Dibromomethane	93	5.788	5.788	0.000	92	1804	1.00	1.03	
77 n-Propyl acetate	43	5.806	5.806	0.000	98	4106	1.00	0.9748	
78 Dichlorobromomethane	83	5.946	5.946	0.000	98	3197	1.00	1.01	
79 2-Nitropropane	41	6.274	6.274	0.000	75	1629	NC	NC	
80 2-Chloroethyl vinyl ether	63	6.280	6.280	0.000	73	1681	1.00	0.9664	
81 Epichlorohydrin	57	6.378	6.378	0.000	98	5643	20.0	19.6	
82 cis-1,3-Dichloropropene	75	6.433	6.433	0.000	96	3384	1.00	0.8973	
83 4-Methyl-2-pentanone (MIBK)	43	6.597	6.597	0.000	98	13582	5.00	4.41	
\$ 84 Toluene-d8 (Surr)	98	6.676	6.676	0.000	98	502107	50.0	50.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Toluene	91	6.749	6.749	0.000	93	11234	1.00	1.08	
86 trans-1,3-Dichloropropene	75	7.096	7.096	0.000	97	3069	1.00	0.9283	
87 Ethyl methacrylate	69	7.138	7.138	0.000	90	2450	NC	NC	
88 1,1,2-Trichloroethane	83	7.315	7.315	0.000	94	2297	1.00	1.14	
89 Tetrachloroethene	166	7.351	7.351	0.000	93	2679	1.00	1.14	
90 1,3-Dichloropropane	76	7.521	7.521	0.000	92	3703	1.00	0.99	
91 2-Hexanone	58	7.582	7.582	0.000	97	4588	5.00	4.47	
92 n-Butyl acetate	43	7.704	7.704	0.000	94	3855	1.00	0.9533	
93 Chlorodibromomethane	129	7.740	7.740	0.000	87	1946	1.00	0.9421	
94 Ethylene Dibromide	107	7.893	7.893	0.000	97	2045	1.00	0.9259	
* 95 Chlorobenzene-d5	117	8.440	8.440	0.000	88	412509	50.0	50.0	
96 Chlorobenzene	112	8.471	8.471	0.000	93	6883	1.00	1.06	
97 Ethylbenzene	106	8.580	8.580	0.000	98	3865	1.00	1.13	
98 1,1,1,2-Tetrachloroethane	131	8.592	8.592	0.000	88	2070	1.00	0.9220	
99 m-Xylene & p-Xylene	106	8.738	8.738	0.000	97	4550	1.00	1.10	
101 n-Butyl acrylate	73	9.255	9.255	0.000	59	1597	1.00	0.9027	
100 o-Xylene	106	9.255	9.255	0.000	93	4394	1.00	1.02	
102 Styrene	104	9.286	9.286	0.000	93	5617	1.00	0.8286	
103 Amyl acetate (mixed isomers)	43	9.529	9.529	0.000	87	4164	1.00	0.9061	
104 Bromoform	173	9.523	9.523	0.000	56	1173	1.00	0.8416	
105 Isopropylbenzene	105	9.681	9.681	0.000	96	9437	1.00	0.9328	
\$ 106 4-Bromofluorobenzene	174	9.900	9.900	0.000	92	154307	50.0	49.9	
107 Bromobenzene	156	10.046	10.046	0.000	88	3103	1.00	1.04	
108 1,1,2,2-Tetrachloroethane	83	10.107	10.107	0.000	96	3192	1.00	0.9540	
109 N-Propylbenzene	91	10.131	10.131	0.000	98	11681	1.00	0.9664	
110 1,2,3-Trichloropropane	110	10.162	10.162	0.000	86	1169	1.00	1.21	
111 trans-1,4-Dichloro-2-butene	53	10.180	10.180	0.000	58	920	NC	NC	a
112 2-Chlorotoluene	91	10.241	10.241	0.000	97	8499	1.00	0.9517	
113 4-Ethyltoluene	105	10.259	10.259	0.000	98	9687	NC	NC	
114 1,3,5-Trimethylbenzene	105	10.332	10.332	0.000	92	8112	1.00	0.9266	
115 4-Chlorotoluene	91	10.362	10.362	0.000	97	7774	1.00	0.9620	
116 Butyl Methacrylate	87	10.448	10.448	0.000	96	1925	1.00	1.02	
117 tert-Butylbenzene	119	10.636	10.636	0.000	93	5826	1.00	0.8882	
118 1,2,4-Trimethylbenzene	105	10.697	10.697	0.000	97	8847	1.00	0.9382	
119 sec-Butylbenzene	105	10.849	10.849	0.000	97	7919	1.00	0.8529	
120 1,3-Dichlorobenzene	146	10.983	10.983	0.000	91	4816	1.00	0.8895	
121 4-Isopropyltoluene	119	10.989	10.989	0.000	97	7058	1.00	0.8595	
* 122 1,4-Dichlorobenzene-d4	152	11.050	11.050	0.000	96	234591	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.074	11.074	0.000	86	5571	1.00	0.9857	
124 1,2,3-Trimethylbenzene	105	11.093	11.093	0.000	98	8857	1.00	0.8700	
125 Benzyl chloride	126	11.214	11.214	0.000	98	925	1.00	0.9085	
126 2,3-Dihydroindene	117	11.269	11.269	0.000	93	8603	NC	NC	
127 p-Diethylbenzene	119	11.336	11.336	0.000	91	3882	NC	NC	
128 n-Butylbenzene	92	11.360	11.360	0.000	95	3260	1.00	0.8250	
129 1,2-Dichlorobenzene	146	11.409	11.409	0.000	94	5450	1.00	0.9314	
130 1,2,4,5-Tetramethylbenzene	119	11.999	11.999	0.000	97	7450	NC	NC	
131 1,2-Dibromo-3-Chloropropane	157	12.084	12.084	0.000	71	670	1.00	0.9287	
132 1,3,5-Trichlorobenzene	180	12.200	12.200	0.000	95	3885	NC	NC	
133 1,2,4-Trichlorobenzene	180	12.699	12.699	0.000	92	3968	1.00	0.9708	
134 Hexachlorobutadiene	225	12.790	12.790	0.000	84	1057	1.00	0.9873	
135 Naphthalene	128	12.887	12.887	0.000	98	9961	1.00	0.8495	
136 1,2,3-Trichlorobenzene	180	13.070	13.070	0.000	92	3405	1.00	0.8784	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 1,2-Dichloroethene, Total	100				0		2.00	2.12	
S 138 Xylenes, Total	100				0		2.00	2.12	
S 139 Total BTEX	1				0		5.00	5.37	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524freon_00022	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00118	Amount Added: 10.00	Units: uL	
ACROLEIN W_00106	Amount Added: 4.00	Units: uL	
14DIOXINTER_00115	Amount Added: 30.00	Units: uL	
GASES Li_00367	Amount Added: 10.00	Units: uL	
8260SURR250_00207	Amount Added: 1.00	Units: uL	Run Reagent
8260ISNEW_00139	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19002.D

Injection Date: 13-May-2020 15:22:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: STD1

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

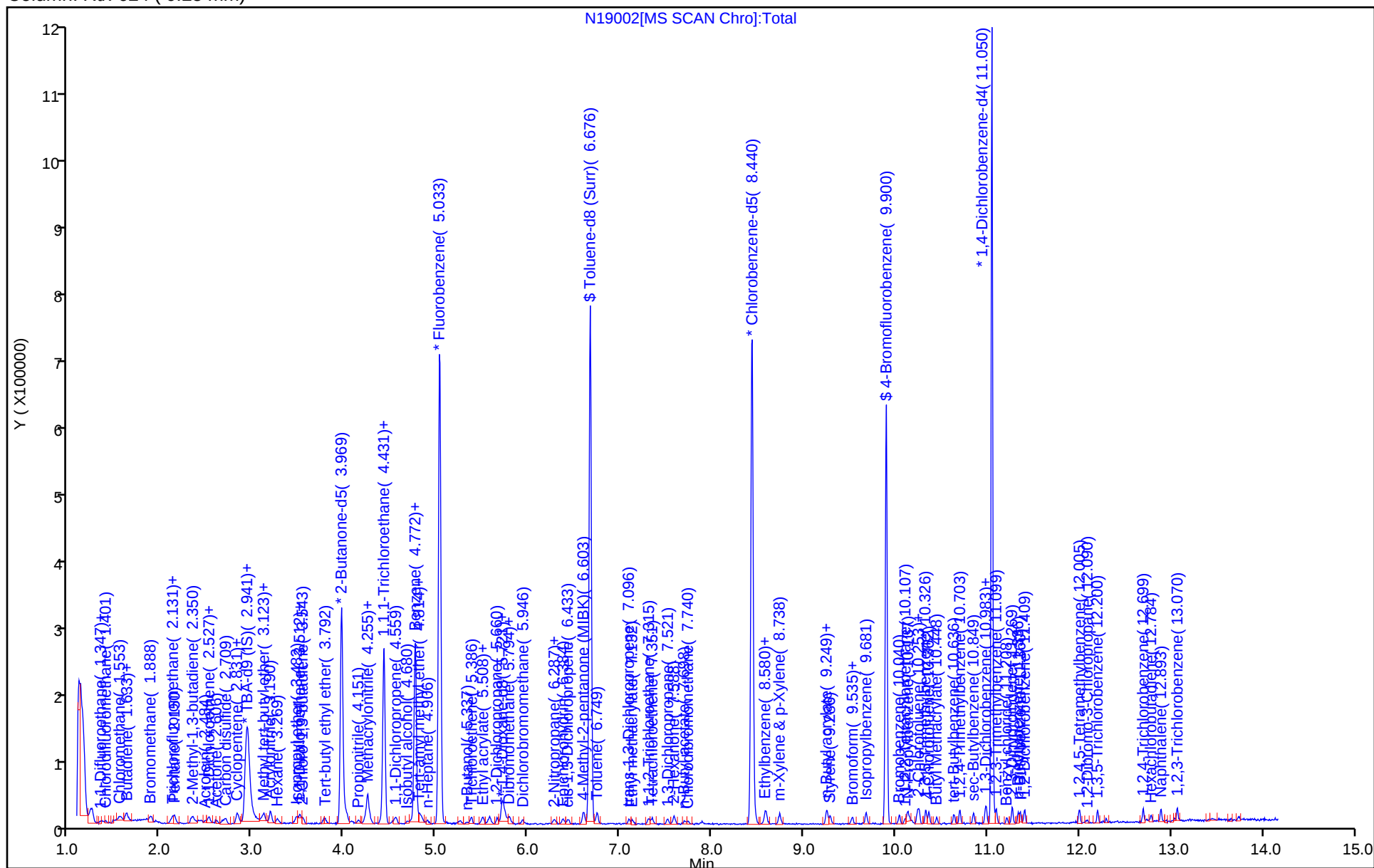
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260W_11

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19002.D

Injection Date: 13-May-2020 15:22:30

Instrument ID: CVOAMS11

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

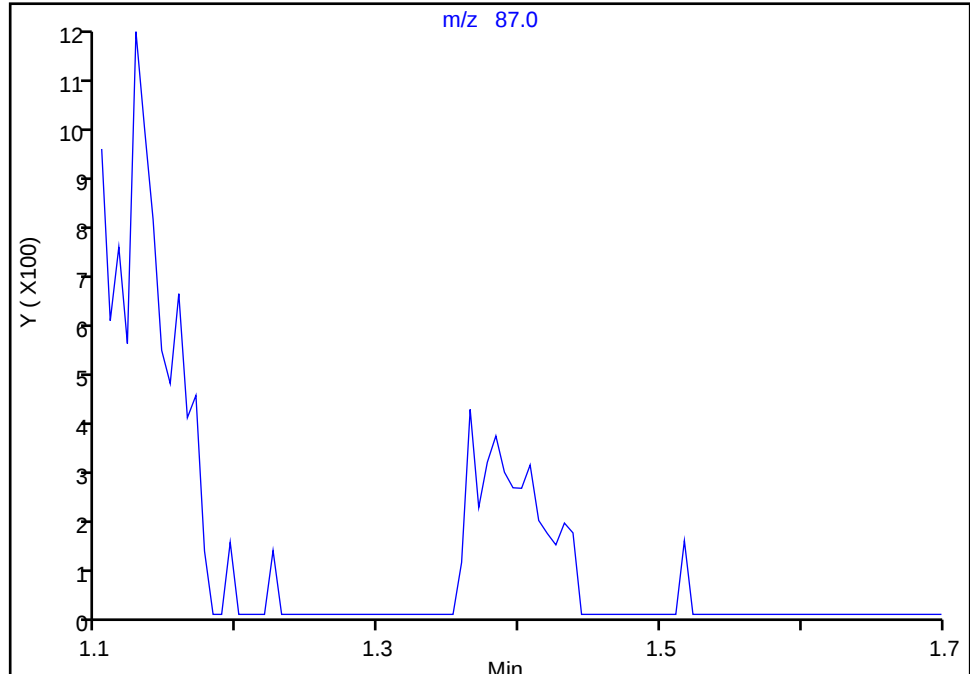
5 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

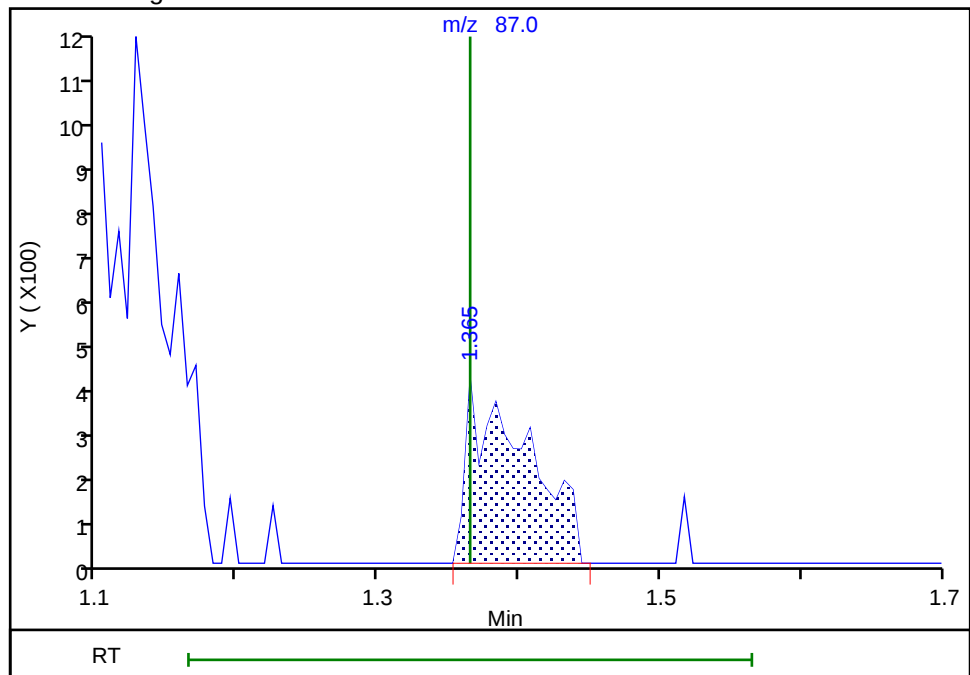
Not Detected

Expected RT: 1.36

Processing Integration Results



Manual Integration Results



RT: 1.36

Area: 1165

Amount: 1.061822

Amount Units: ug/l

Reviewer: baronm, 13-May-2020 19:33:53

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19002.D

Injection Date: 13-May-2020 15:22:30

Instrument ID: CVOAMS11

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

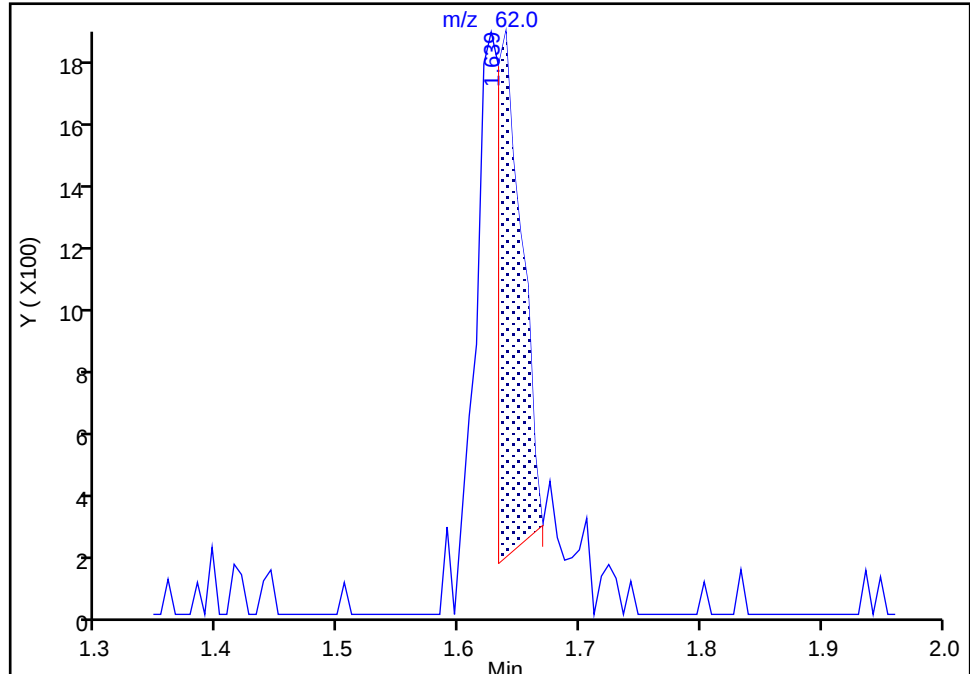
Detector: MS SCAN

8 Vinyl chloride, CAS: 75-01-4

Signal: 1

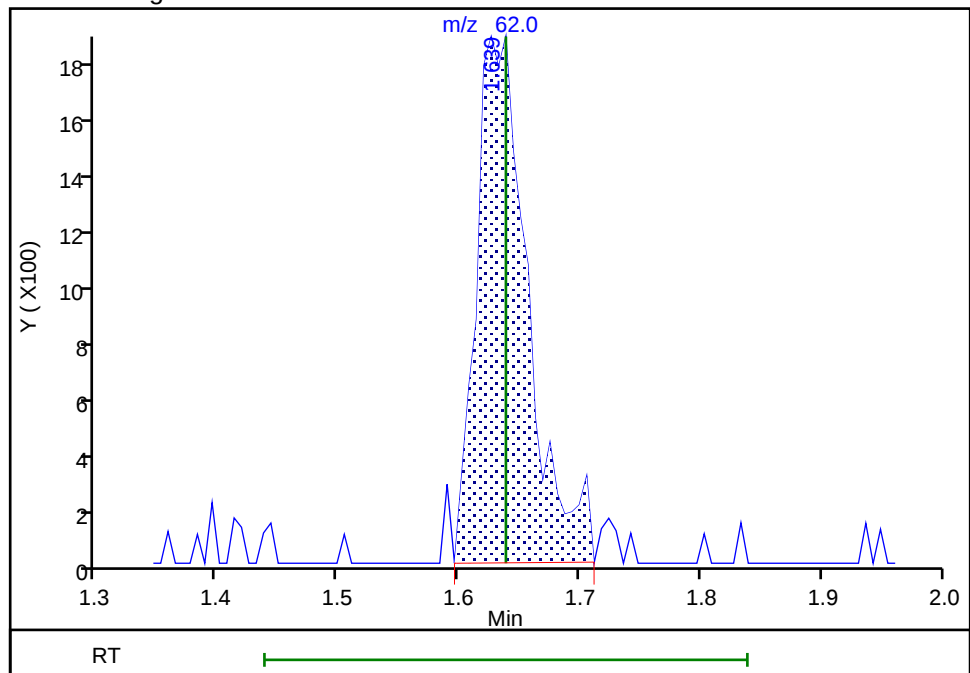
RT: 1.64
Area: 2401
Amount: 0.514092
Amount Units: ug/l

Processing Integration Results



RT: 1.64
Area: 5496
Amount: 1.120055
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 13-May-2020 19:34:24

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19002.D

Injection Date: 13-May-2020 15:22:30

Instrument ID: CVOAMS11

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

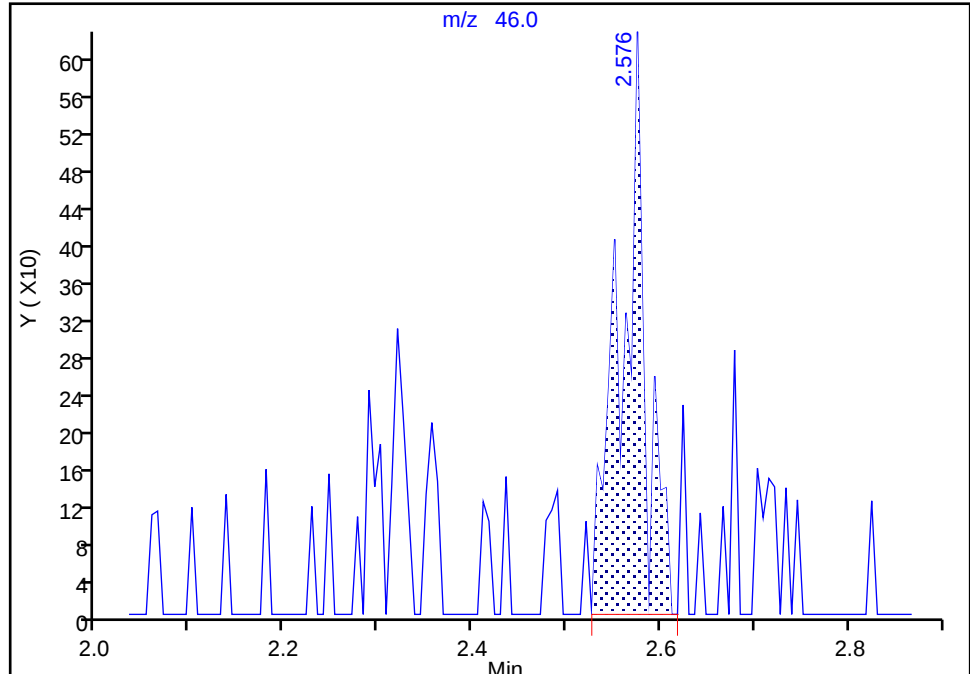
Detector: MS SCAN

15 Ethanol, CAS: 64-17-5

Signal: 1

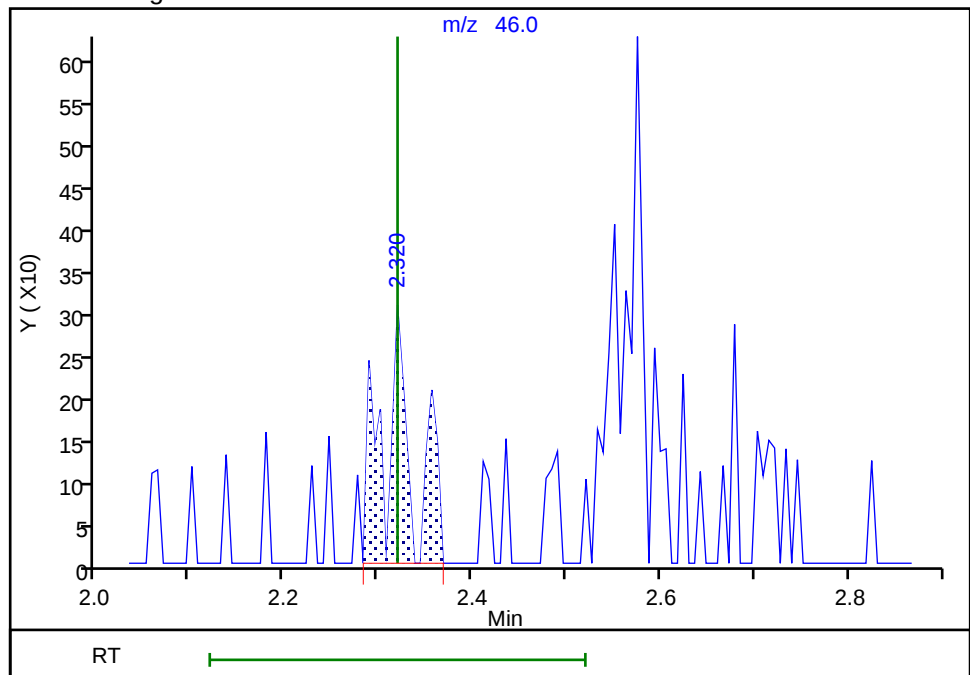
RT: 2.58
Area: 1137
Amount: 89.468202
Amount Units: ug/l

Processing Integration Results



RT: 2.32
Area: 659
Amount: 43.522996
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 14-May-2020 08:28:49

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19002.D

Injection Date: 13-May-2020 15:22:30

Instrument ID: CVOAMS11

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

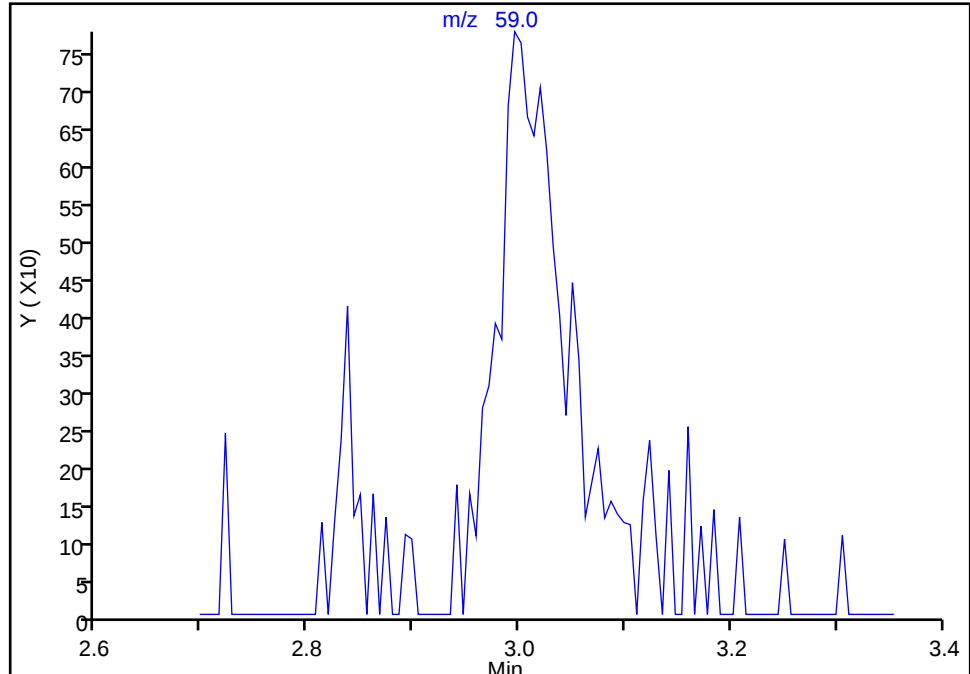
33 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

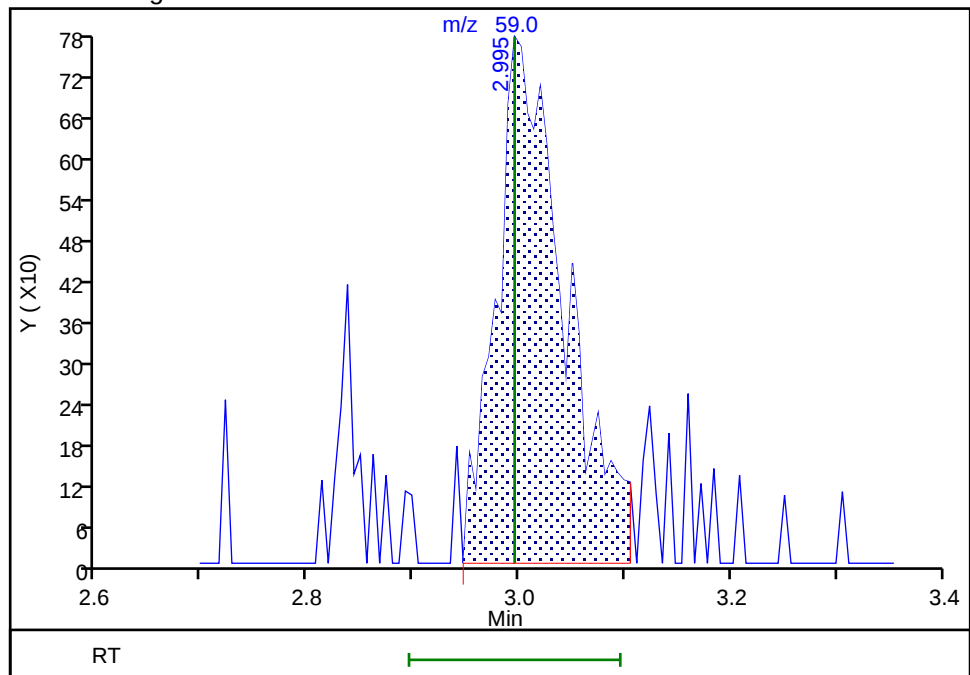
Not Detected

Expected RT: 3.00

Processing Integration Results



Manual Integration Results



RT: 3.00

Area: 3471

Amount: 12.635498

Amount Units: ug/l

Reviewer: baronm, 13-May-2020 19:35:08

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19002.D
Injection Date: 13-May-2020 15:22:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_11
Column: Rtx-624 (0.25 mm)

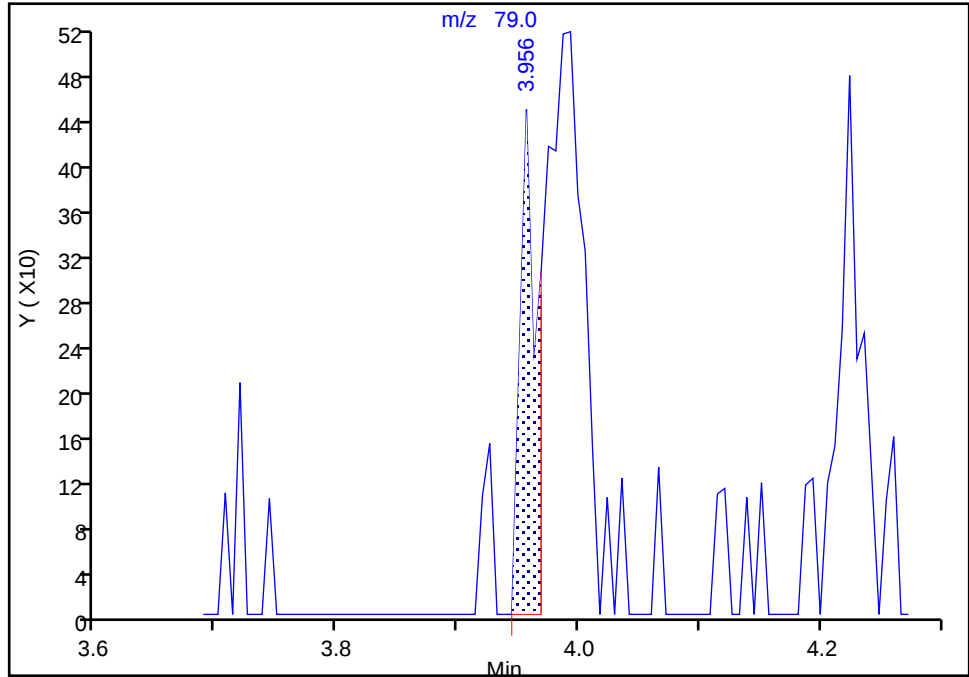
ALS Bottle#: 3 Worklist Smp#: 4
Dil. Factor: 1.0000
Limit Group: VOA 624.1 ICAL
Detector: MS SCAN

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

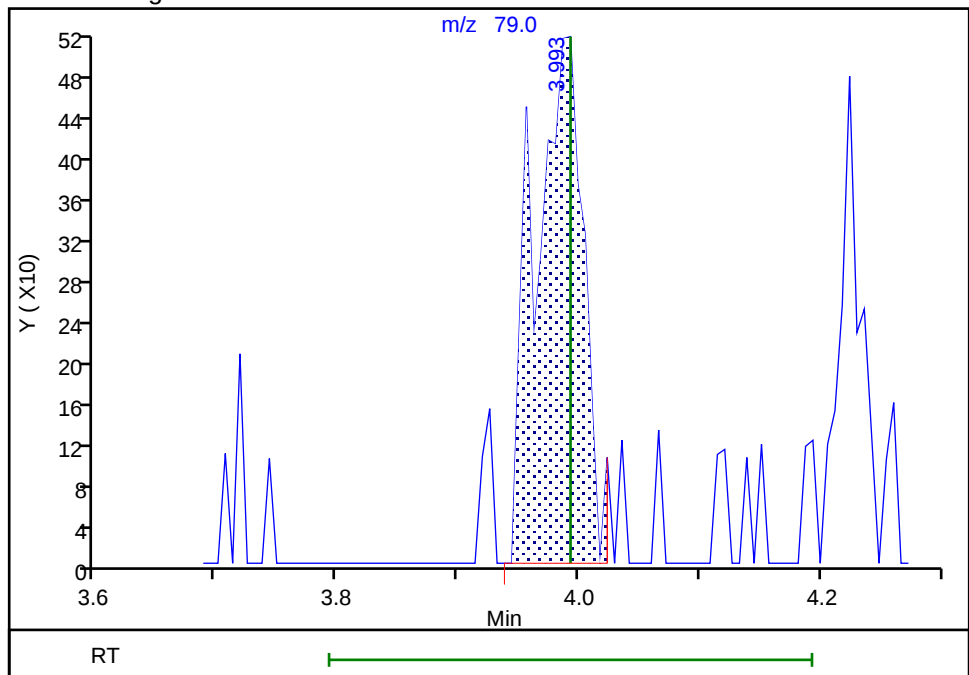
RT: 3.96
Area: 439
Amount: 0.434595
Amount Units: ug/l

Processing Integration Results



RT: 3.99
Area: 1464
Amount: 1.262120
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 14-May-2020 08:17:23

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19002.D

Injection Date: 13-May-2020 15:22:30

Instrument ID: CVOAMS11

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

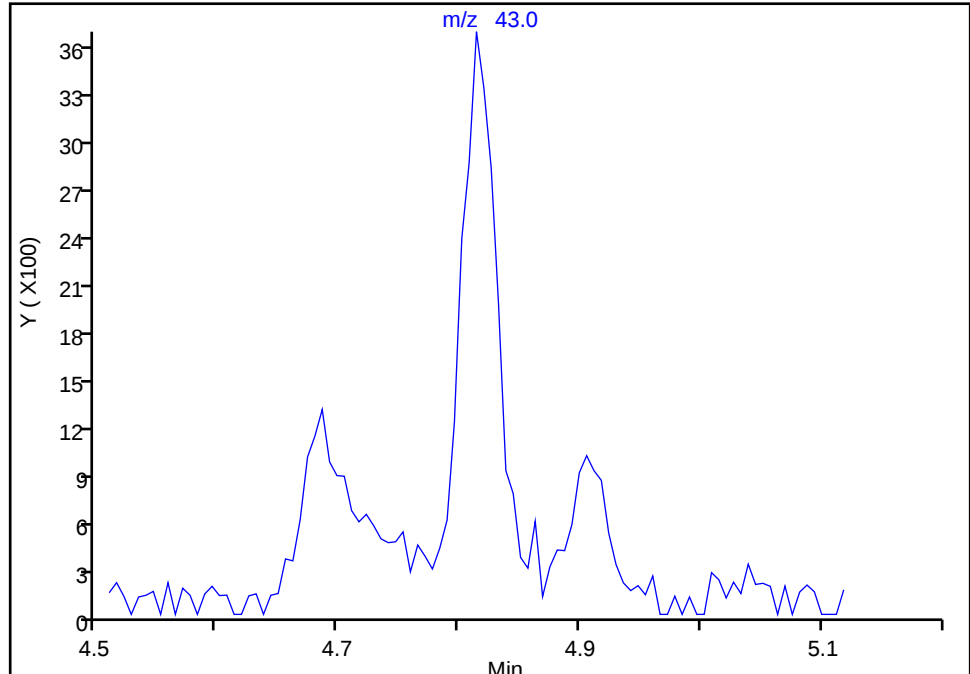
64 Isopropyl acetate, CAS: 108-21-4

Signal: 1

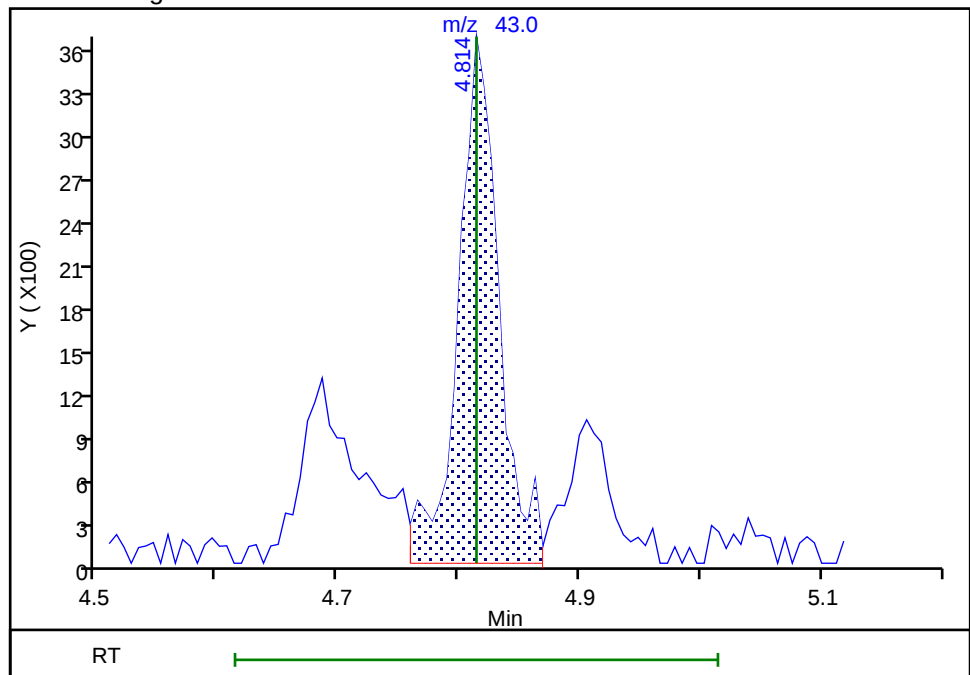
Not Detected

Expected RT: 4.81

Processing Integration Results



Manual Integration Results



RT: 4.81

Area: 8571

Amount: 0.986552

Amount Units: ug/l

Reviewer: baronm, 13-May-2020 19:35:33

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19003.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 13-May-2020 15:45:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0110045-005
 Operator ID: Instrument ID: CVOAMS11
 Sublist: chrom-8260W_11*sub8
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\8260W_11.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 14-May-2020 08:43:31 Calib Date: 13-May-2020 17:15:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19007.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0305

First Level Reviewer: baronm

Date: 13-May-2020 19:36:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	51	1.347	1.359	-0.012	97	11433	NC	NC	
4 Chlorotrifluoroethene	116	1.353	1.359	-0.006	51	3259	NC	NC	a
5 Dichlorodifluoromethane	87	1.389	1.365	0.024	40	5213	5.00	4.83	
6 Chlorodifluoromethane	51	1.395	1.401	-0.006	97	16256	NC	NC	
7 Chloromethane	52	1.541	1.541	0.000	99	10426	5.00	5.76	
9 Butadiene	54	1.614	1.626	-0.012	97	20042	5.00	5.14	
8 Vinyl chloride	62	1.621	1.639	-0.018	81	24219	5.00	5.02	
10 Bromomethane	94	1.882	1.894	-0.012	97	16954	5.00	5.25	
11 Chloroethane	64	1.937	1.949	-0.012	100	11299	5.00	4.62	
12 Dichlorofluoromethane	67	2.113	2.113	0.000	97	27889	NC	NC	
13 Trichlorofluoromethane	101	2.119	2.125	-0.006	94	18551	5.00	4.89	
14 Pentane	72	2.138	2.150	-0.012	98	3914	10.0	10.6	
15 Ethanol	46	2.296	2.320	-0.024	79	3463	200.0	244.8	a
16 Ethyl ether	74	2.320	2.326	-0.006	86	8495	5.00	5.17	
17 2-Methyl-1,3-butadiene	53	2.338	2.350	-0.012	97	11055	5.00	5.03	
18 1,2-Dichloro-1,1,2-trifluoroethane	117	2.375	2.381	-0.006	76	11123	NC	NC	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	2.430	2.436	-0.006	89	17277	NC	NC	a
20 Acrolein	56	2.484	2.496	-0.012	88	7647	20.0	20.5	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.497	2.527	-0.030	92	11548	5.00	5.25	
22 1,1-Dichloroethene	96	2.521	2.527	-0.006	98	12256	5.00	5.26	
23 Acetone	58	2.594	2.612	-0.018	87	7966	25.0	24.6	
24 Iodomethane	142	2.661	2.679	-0.018	98	24785	5.00	5.07	
25 Isopropyl alcohol	45	2.685	2.679	0.006	25	6643	50.0	43.2	a
26 Carbon disulfide	76	2.697	2.703	-0.006	100	46202	5.00	5.15	
27 3-Chloro-1-propene	76	2.819	2.825	-0.006	88	7767	5.00	4.99	
28 Methyl acetate	74	2.825	2.843	-0.018	97	4870	10.0	10.0	
29 Cyclopentene	67	2.837	2.843	-0.006	92	29840	NC	NC	
30 Acetonitrile	41	2.880	2.892	-0.012	97	17481	50.0	47.7	
* 31 TBA-d9 (IS)	66	2.929	2.934	-0.005	82	43428	1000.0	1000.0	
32 Methylene Chloride	84	2.941	2.947	-0.006	49	16354	5.00	5.15	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 2-Methyl-2-propanol	59	3.002	2.995	0.007	92	13110	50.0	51.1	
34 Methyl tert-butyl ether	73	3.099	3.105	-0.006	97	36675	5.00	5.10	
35 trans-1,2-Dichloroethene	96	3.117	3.129	-0.012	97	13415	5.00	5.11	
36 Acrylonitrile	53	3.190	3.190	0.000	93	61086	50.0	51.4	
37 Hexane	56	3.269	3.275	-0.006	93	6732	5.00	5.26	
38 Isopropyl ether	45	3.470	3.476	-0.006	97	48212	5.00	5.11	
39 1,1-Dichloroethane	63	3.500	3.506	-0.006	99	24041	5.00	5.09	
40 Vinyl acetate	86	3.513	3.512	0.001	100	4740	10.0	8.89	
41 2-Chloro-1,3-butadiene	88	3.543	3.555	-0.012	91	10902	NC	NC	
42 Tert-butyl ethyl ether	59	3.780	3.786	-0.006	89	39686	NC	NC	
* 43 2-Butanone-d5	46	3.963	3.969	-0.006	96	382488	250.0	250.0	
44 2,2-Dichloropropane	79	3.987	3.993	-0.006	88	5486	5.00	4.81	a
45 cis-1,2-Dichloroethene	96	3.999	4.005	-0.006	94	14460	5.00	4.96	
46 2-Butanone (MEK)	72	4.017	4.017	0.000	95	8852	25.0	24.2	
47 Ethyl acetate	70	4.024	4.029	-0.005	96	3233	10.0	9.80	
48 Methyl acrylate	55	4.078	4.078	0.000	99	13377	NC	NC	
49 Propionitrile	54	4.145	4.157	-0.012	97	22785	NC	NC	
50 Tetrahydrofuran	72	4.224	4.230	-0.006	68	4118	10.0	9.94	
51 Chlorobromomethane	128	4.218	4.230	-0.012	92	7353	5.00	4.97	
52 Methacrylonitrile	67	4.249	4.255	-0.006	94	61870	NC	NC	
53 Chloroform	83	4.273	4.273	0.000	98	22926	5.00	5.00	
54 Cyclohexane	84	4.395	4.401	-0.006	96	16842	5.00	5.16	
55 1,1,1-Trichloroethane	97	4.413	4.419	-0.006	68	17582	5.00	4.99	
\$ 56 Dibromofluoromethane (Surr)	113	4.425	4.431	-0.006	97	133340	50.0	49.5	
57 Carbon tetrachloride	117	4.522	4.534	-0.012	94	12880	5.00	4.74	
58 1,1-Dichloropropene	75	4.553	4.565	-0.012	92	16253	5.00	5.17	
59 Isobutyl alcohol	43	4.687	4.687	0.000	98	15496	NC	NC	
60 Isooctane	57	4.729	4.729	0.000	92	21264	NC	NC	a
61 Benzene	78	4.748	4.753	-0.005	98	53404	5.00	5.25	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.766	4.772	-0.006	88	155907	50.0	47.8	
64 Isopropyl acetate	43	4.814	4.814	0.000	93	39455	5.00	4.62	
63 Tert-amyl methyl ether	73	4.814	4.814	0.000	87	37928	NC	NC	
65 1,2-Dichloroethane	62	4.839	4.845	-0.006	96	17991	5.00	4.96	
66 n-Heptane	57	4.906	4.906	0.000	93	5623	5.00	5.47	
* 67 Fluorobenzene	96	5.033	5.039	-0.006	98	590882	50.0	50.0	
68 n-Butanol	56	5.332	5.337	-0.005	91	6726	125.0	116.4	
69 Trichloroethene	95	5.374	5.374	0.000	98	12419	5.00	5.00	
70 Ethyl acrylate	99	5.502	5.502	0.000	95	1487	5.00	4.13	a
71 Methylcyclohexane	83	5.502	5.508	-0.006	75	14799	5.00	4.85	
72 1,2-Dichloropropane	63	5.666	5.660	0.006	88	13847	5.00	5.10	
* 73 1,4-Dioxane-d8	96	5.715	5.721	-0.006	75	29899	1000.0	1000.0	
74 Methyl methacrylate	100	5.745	5.739	0.006	90	6101	10.0	9.12	
75 1,4-Dioxane	88	5.770	5.775	-0.005	84	3074	100.0	107.4	
76 Dibromomethane	93	5.788	5.788	0.000	95	8528	5.00	4.94	
77 n-Propyl acetate	43	5.800	5.806	-0.006	99	18723	5.00	4.52	
78 Dichlorobromomethane	83	5.940	5.946	-0.006	96	14625	5.00	4.72	
79 2-Nitropropane	41	6.274	6.274	0.000	78	5638	NC	NC	
80 2-Chloroethyl vinyl ether	63	6.274	6.280	-0.006	79	8081	5.01	4.73	
81 Epichlorohydrin	57	6.378	6.378	0.000	99	25744	100.0	92.6	
82 cis-1,3-Dichloropropene	75	6.433	6.433	0.001	95	18464	5.00	4.95	
83 4-Methyl-2-pentanone (MIBK)	43	6.597	6.597	0.000	99	69545	25.0	23.4	
\$ 84 Toluene-d8 (Surr)	98	6.676	6.676	0.000	98	496605	50.0	50.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Toluene	91	6.749	6.749	0.000	92	52181	5.00	5.07	
86 trans-1,3-Dichloropropene	75	7.102	7.096	0.006	97	14657	5.00	4.48	
87 Ethyl methacrylate	69	7.132	7.138	-0.006	90	13348	NC	NC	
88 1,1,2-Trichloroethane	83	7.309	7.315	-0.006	94	10055	5.00	5.06	
89 Tetrachloroethene	166	7.351	7.351	0.000	96	12299	5.00	5.28	
90 1,3-Dichloropropane	76	7.522	7.521	0.001	95	18659	5.00	5.05	
91 2-Hexanone	58	7.589	7.582	0.007	98	23333	25.0	23.5	
92 n-Butyl acetate	43	7.704	7.704	0.000	97	18812	5.00	4.70	
93 Chlorodibromomethane	129	7.741	7.740	0.001	95	9346	5.00	4.57	
94 Ethylene Dibromide	107	7.893	7.893	0.000	96	10855	5.00	4.96	
* 95 Chlorobenzene-d5	117	8.434	8.440	-0.006	87	408392	50.0	50.0	
96 Chlorobenzene	112	8.471	8.471	0.001	94	32172	5.00	5.02	
97 Ethylbenzene	106	8.580	8.580	0.000	99	16056	5.00	4.73	
98 1,1,1,2-Tetrachloroethane	131	8.598	8.592	0.006	90	10815	5.00	4.87	
99 m-Xylene & p-Xylene	106	8.744	8.738	0.006	99	19918	5.00	4.86	
101 n-Butyl acrylate	73	9.249	9.255	-0.006	59	7523	5.00	4.30	
100 o-Xylene	106	9.255	9.255	0.000	92	19656	5.00	4.60	
102 Styrene	104	9.286	9.286	0.000	94	31018	5.00	4.62	
104 Bromoform	173	9.529	9.523	0.006	56	5875	5.00	4.35	
103 Amyl acetate (mixed isomers)	43	9.529	9.529	0.000	88	19622	5.00	4.41	
105 Isopropylbenzene	105	9.675	9.681	-0.006	96	48529	5.00	4.85	
\$ 106 4-Bromofluorobenzene	174	9.900	9.900	0.000	92	153020	50.0	50.0	
107 Bromobenzene	156	10.046	10.046	0.000	96	14744	5.00	5.10	
108 1,1,2,2-Tetrachloroethane	83	10.107	10.107	0.000	98	16444	5.00	5.07	
109 N-Propylbenzene	91	10.131	10.131	0.000	99	58945	5.00	5.03	
110 1,2,3-Trichloropropane	110	10.156	10.162	-0.006	95	4479	5.00	4.79	
111 trans-1,4-Dichloro-2-butene	53	10.180	10.180	0.000	64	4376	NC	NC	a
112 2-Chlorotoluene	91	10.241	10.241	0.000	97	44114	5.00	5.10	
113 4-Ethyltoluene	105	10.259	10.259	0.000	98	48557	NC	NC	
114 1,3,5-Trimethylbenzene	105	10.332	10.332	0.000	91	40556	5.00	4.78	
115 4-Chlorotoluene	91	10.363	10.362	0.001	98	39408	5.00	5.03	
116 Butyl Methacrylate	87	10.448	10.448	0.000	92	11157	5.00	4.36	
117 tert-Butylbenzene	119	10.636	10.636	0.000	93	30546	5.00	4.81	
118 1,2,4-Trimethylbenzene	105	10.697	10.697	0.000	98	43372	5.00	4.75	
119 sec-Butylbenzene	105	10.849	10.849	0.000	99	43669	5.00	4.85	
120 1,3-Dichlorobenzene	146	10.977	10.983	-0.006	94	26336	5.00	5.02	
121 4-Isopropyltoluene	119	10.989	10.989	0.000	97	37793	5.00	4.75	
* 122 1,4-Dichlorobenzene-d4	152	11.050	11.050	0.000	96	227268	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.068	11.074	-0.006	94	28173	5.00	5.15	
124 1,2,3-Trimethylbenzene	105	11.099	11.093	0.006	98	46823	5.00	4.75	
125 Benzyl chloride	126	11.208	11.214	-0.006	98	3956	5.00	4.01	
126 2,3-Dihydroindene	117	11.269	11.269	0.000	94	48422	NC	NC	
127 p-Diethylbenzene	119	11.336	11.336	0.000	94	20947	NC	NC	
128 n-Butylbenzene	92	11.360	11.360	0.000	97	19991	5.00	5.22	
129 1,2-Dichlorobenzene	146	11.403	11.409	-0.006	95	29203	5.00	5.15	
130 1,2,4,5-Tetramethylbenzene	119	11.999	11.999	0.000	98	37544	NC	NC	
131 1,2-Dibromo-3-Chloropropane	157	12.078	12.084	-0.006	90	3149	5.00	4.51	
132 1,3,5-Trichlorobenzene	180	12.200	12.200	0.000	95	18887	NC	NC	
133 1,2,4-Trichlorobenzene	180	12.699	12.699	0.000	94	19488	5.00	4.92	
134 Hexachlorobutadiene	225	12.784	12.790	-0.006	92	5281	5.00	5.09	
135 Naphthalene	128	12.893	12.887	0.006	99	52161	5.00	4.59	
136 1,2,3-Trichlorobenzene	180	13.070	13.070	0.000	94	19018	5.00	5.06	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 1,2-Dichloroethene, Total	100				0		10.0	10.1	
S 138 Xylenes, Total	100				0		10.0	9.46	
S 139 Total BTEX	1				0		25.0	24.5	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

524freon_00022	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00118	Amount Added: 10.00	Units: uL	
ACROLEIN W_00106	Amount Added: 4.00	Units: uL	
GASES Li_00367	Amount Added: 10.00	Units: uL	
8260SURR250_00207	Amount Added: 1.00	Units: uL	Run Reagent
8260ISNEW_00139	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19003.D

Injection Date: 13-May-2020 15:45:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: STD5

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

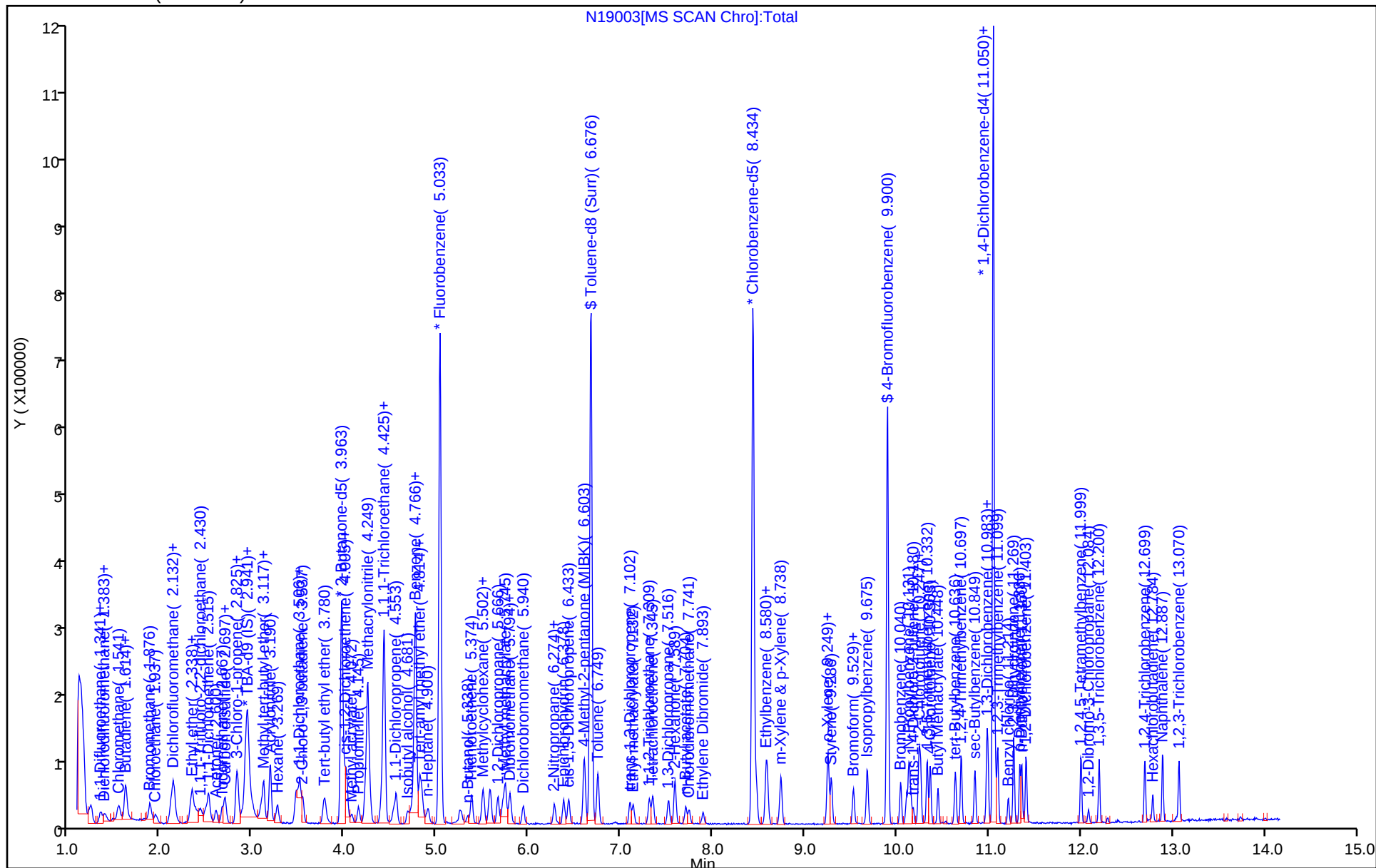
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260W_11

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19003.D

Injection Date: 13-May-2020 15:45:30

Instrument ID: CVOAMS11

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

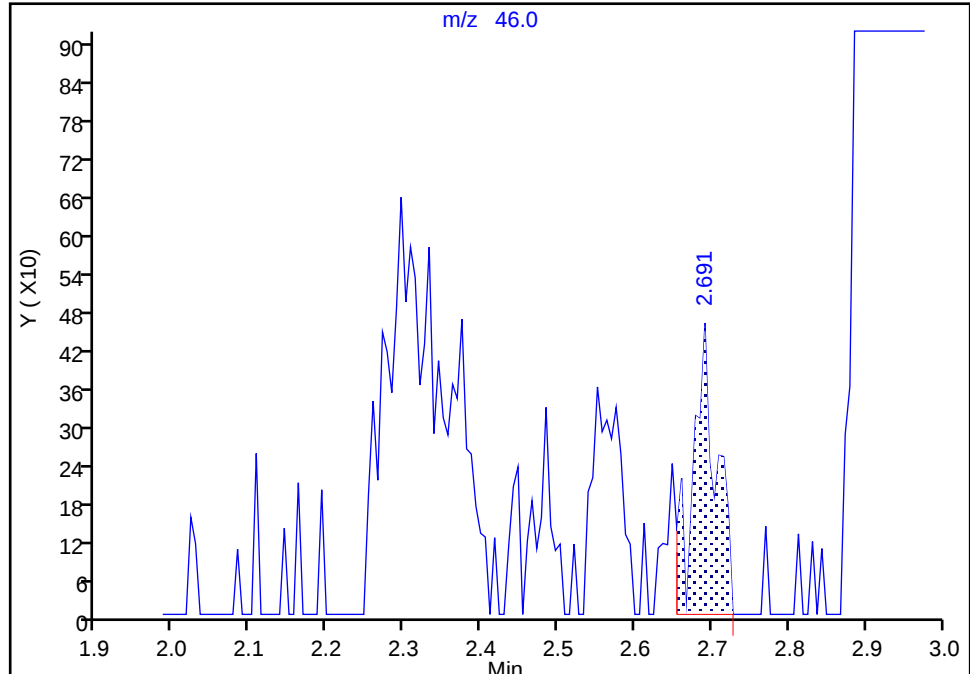
Detector: MS SCAN

15 Ethanol, CAS: 64-17-5

Signal: 1

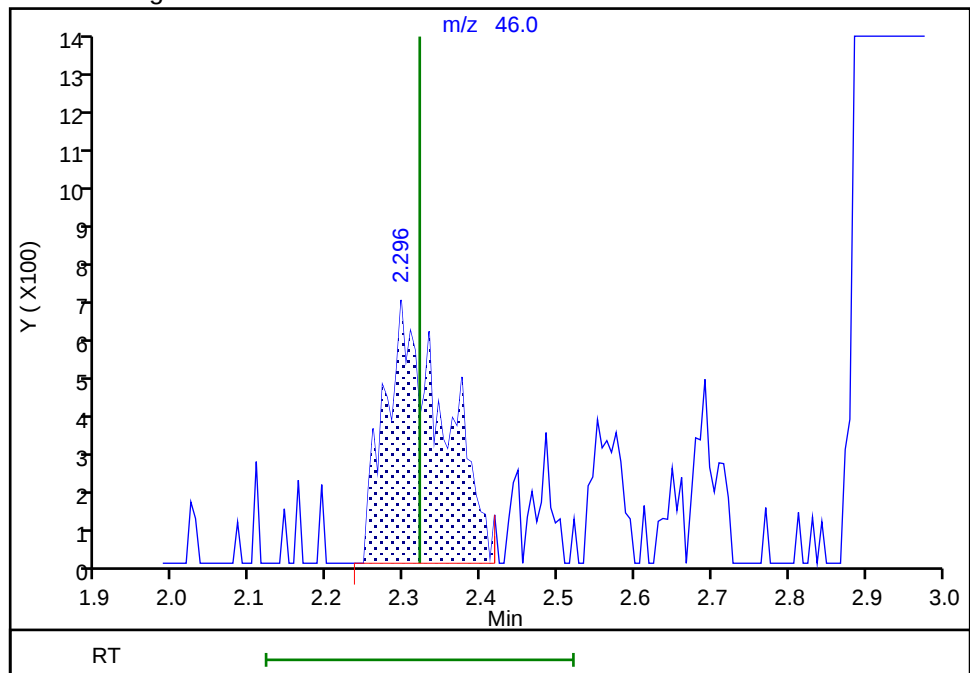
RT: 2.69
Area: 965
Amount: 102.9340
Amount Units: ug/l

Processing Integration Results



RT: 2.30
Area: 3463
Amount: 244.8046
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 13-May-2020 19:37:50

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19003.D
Injection Date: 13-May-2020 15:45:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_11
Column: Rtx-624 (0.25 mm)

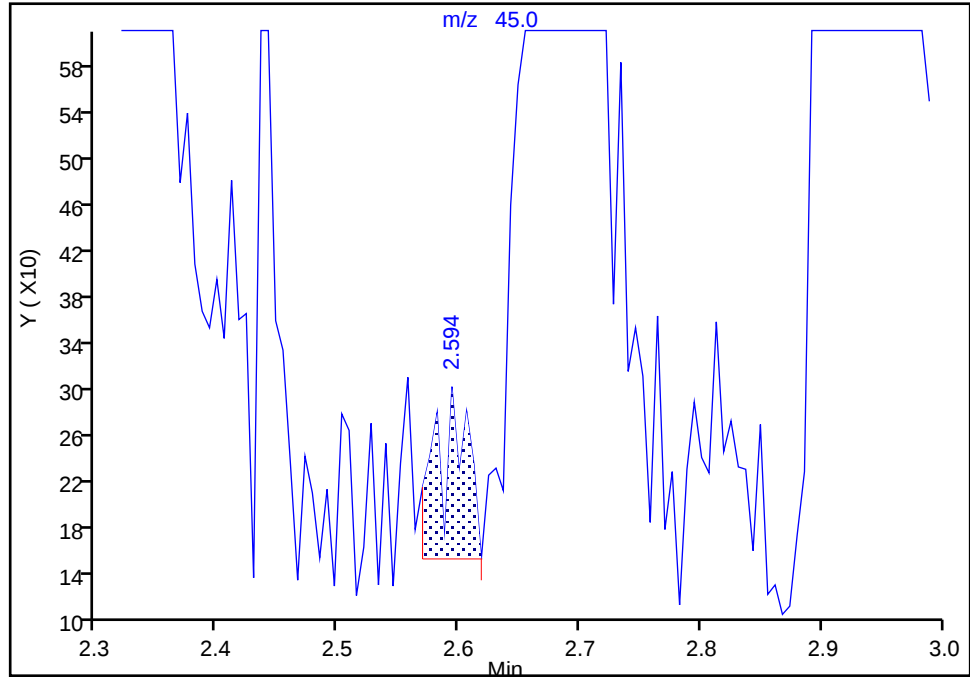
ALS Bottle#: 4 Worklist Smp#: 5
Dil. Factor: 1.0000
Limit Group: VOA 624.1 ICAL
Detector MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

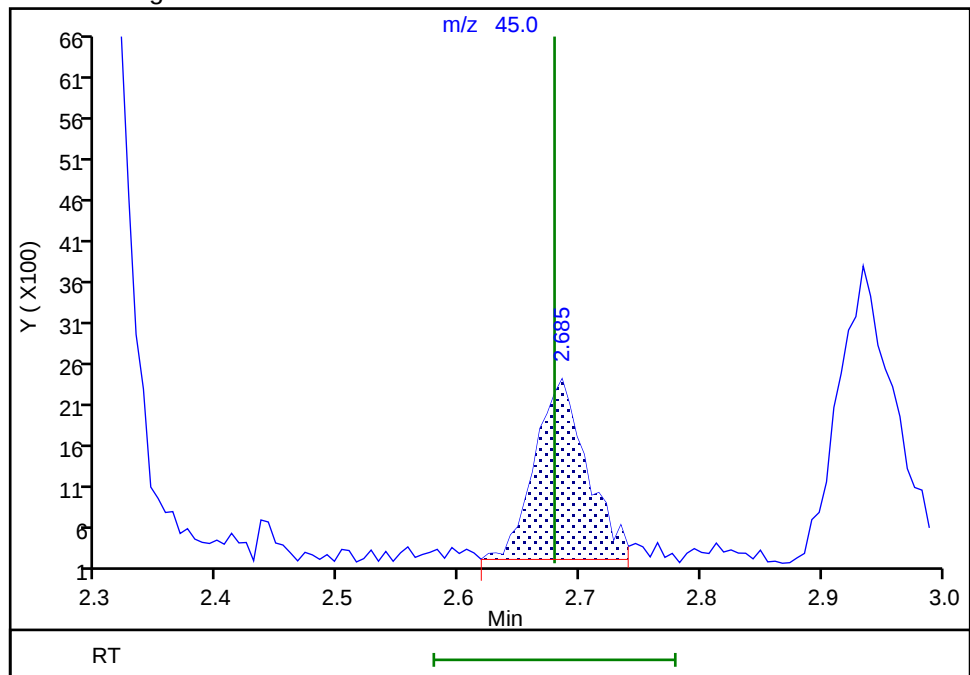
RT: 2.59
Area: 260
Amount: 2.010373
Amount Units: ug/l

Processing Integration Results



RT: 2.69
Area: 6643
Amount: 43.150006
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 13-May-2020 19:38:44

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19003.D

Injection Date: 13-May-2020 15:45:30

Instrument ID: CVOAMS11

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

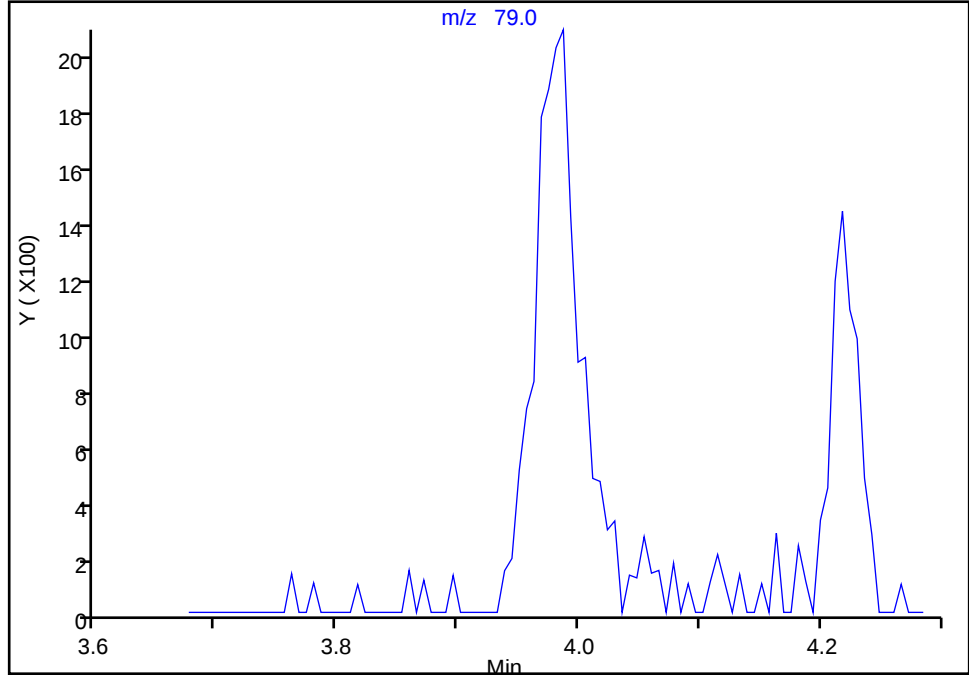
44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

Not Detected

Expected RT: 3.99

Processing Integration Results



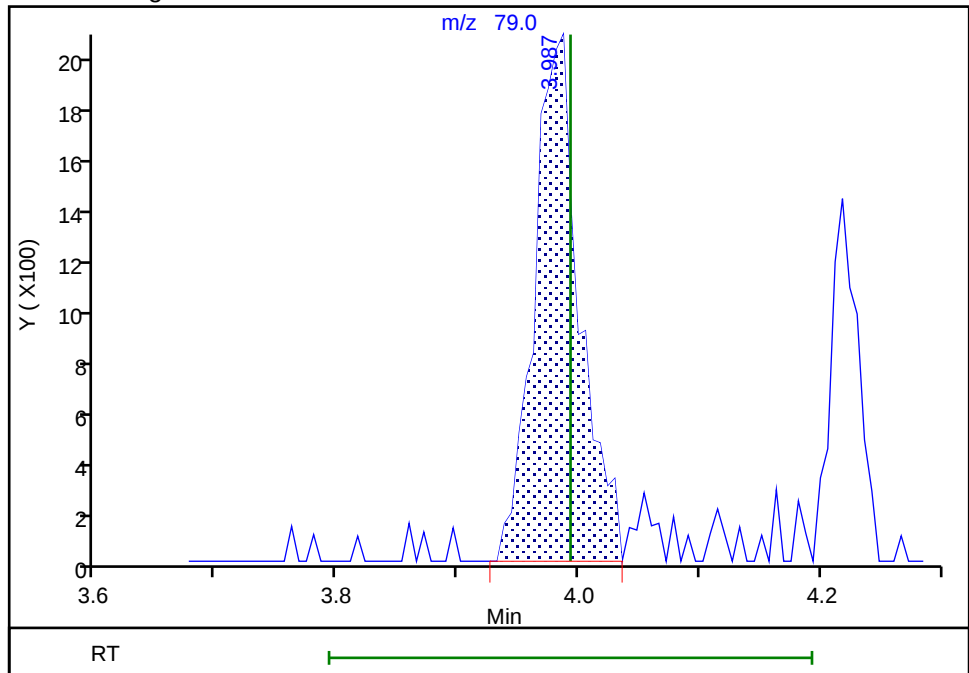
RT: 3.99

Area: 5486

Amount: 4.810879

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 13-May-2020 19:38:59

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19003.D

Injection Date: 13-May-2020 15:45:30

Instrument ID: CVOAMS11

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

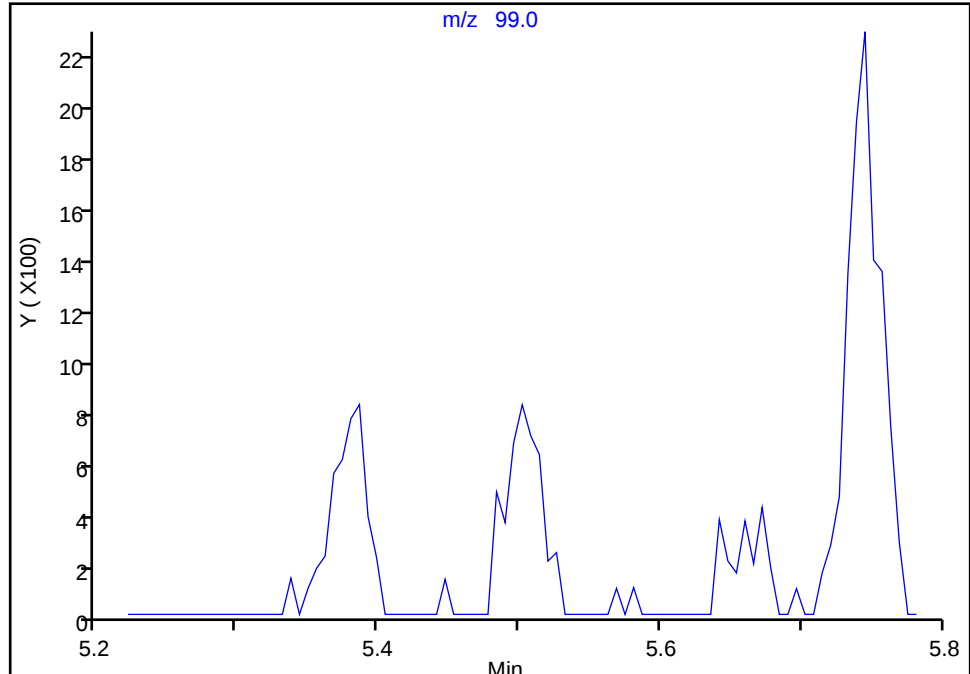
70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

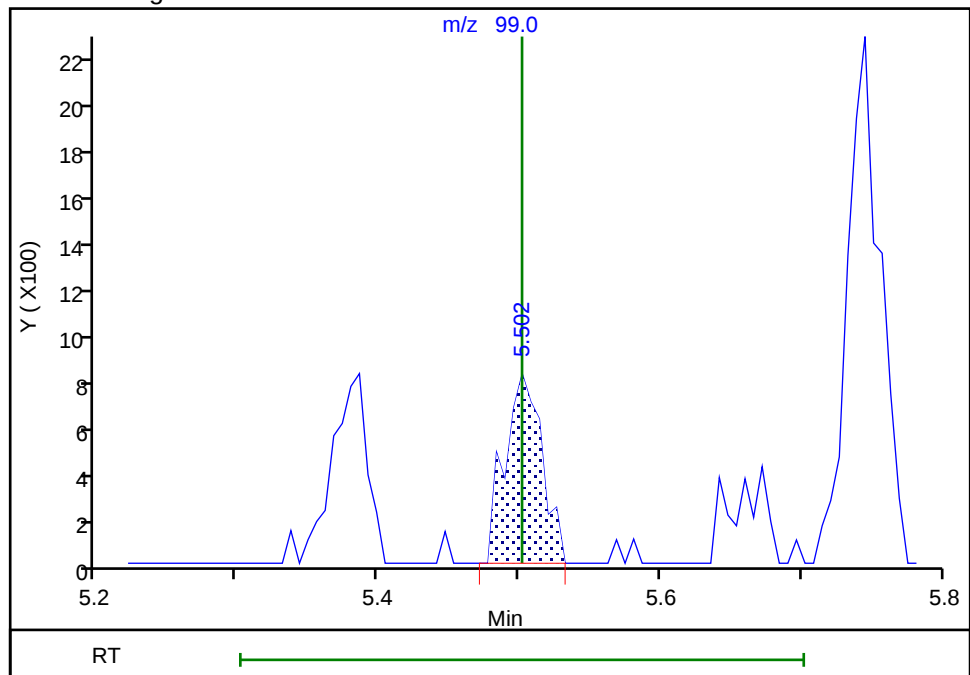
Not Detected

Expected RT: 5.50

Processing Integration Results



Manual Integration Results



RT: 5.50

Area: 1487

Amount: 4.128147

Amount Units: ug/l

Reviewer: baronm, 13-May-2020 19:40:00

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19004.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 3
 Inject. Date: 13-May-2020 16:08:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0110045-006
 Operator ID: Instrument ID: CVOAMS11
 Sublist: chrom-8260W_11*sub8
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\8260W_11.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 14-May-2020 08:43:45 Calib Date: 13-May-2020 17:15:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19007.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0305

First Level Reviewer: baronm

Date: 13-May-2020 19:43:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	51	1.341	1.341	0.000	93	42241	NC	NC	
4 Chlorotrifluoroethene	116	1.347	1.347	0.000	52	12315	NC	NC	a
5 Dichlorodifluoromethane	87	1.371	1.371	0.000	98	18385	20.0	16.9	
6 Chlorodifluoromethane	51	1.395	1.395	0.000	97	58539	NC	NC	
7 Chloromethane	52	1.535	1.535	0.000	99	33819	20.0	18.3	
9 Butadiene	54	1.614	1.614	0.000	97	68128	20.0	17.3	
8 Vinyl chloride	62	1.620	1.620	0.000	75	85558	20.0	17.6	
10 Bromomethane	94	1.876	1.876	0.000	98	63566	20.0	19.5	
11 Chloroethane	64	1.943	1.943	0.000	99	42905	20.0	17.4	
12 Dichlorofluoromethane	67	2.113	2.113	0.000	97	99623	NC	NC	
13 Trichlorofluoromethane	101	2.113	2.113	0.000	57	62318	20.0	16.3	
14 Pentane	72	2.138	2.138	0.000	97	14442	40.0	39.4	
15 Ethanol	46	2.320	2.320	0.000	71	10385	800.0	738.1	Ma
16 Ethyl ether	74	2.320	2.320	0.000	94	32767	20.0	19.7	
17 2-Methyl-1,3-butadiene	53	2.338	2.338	0.000	98	39012	20.0	17.6	
18 1,2-Dichloro-1,1,2-trifluoroethane	117	2.381	2.381	0.000	92	37749	NC	NC	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	2.430	2.430	0.000	93	68969	NC	NC	a
20 Acrolein	56	2.484	2.484	0.000	91	15939	40.0	43.1	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.496	2.496	0.000	96	40316	20.0	18.1	
22 1,1-Dichloroethene	96	2.521	2.521	0.000	98	40554	20.0	17.2	
23 Acetone	58	2.600	2.600	0.000	86	28191	100.0	85.3	
24 Iodomethane	142	2.667	2.667	0.000	99	92210	20.0	18.7	
25 Isopropyl alcohol	45	2.679	2.679	0.000	98	29720	200.0	194.1	
26 Carbon disulfide	76	2.697	2.697	0.000	100	164166	20.0	18.1	
27 3-Chloro-1-propene	76	2.819	2.819	0.000	93	28584	20.0	18.2	
28 Methyl acetate	74	2.831	2.831	0.000	98	19661	40.0	40.6	
29 Cyclopentene	67	2.837	2.837	0.000	94	108777	NC	NC	
30 Acetonitrile	41	2.880	2.880	0.000	98	82362	200.0	211.5	
* 31 TBA-d9 (IS)	66	2.934	2.934	0.000	93	43195	1000.0	1000.0	
32 Methylene Chloride	84	2.941	2.941	0.000	94	62202	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 2-Methyl-2-propanol	59	2.995	2.995	0.000	98	49214	200.0	192.8	
34 Methyl tert-butyl ether	73	3.099	3.099	0.000	97	139137	20.0	19.2	
35 trans-1,2-Dichloroethene	96	3.117	3.117	0.000	95	49969	20.0	18.8	
36 Acrylonitrile	53	3.190	3.190	0.000	93	246009	200.0	208.2	
37 Hexane	56	3.263	3.263	0.000	93	24271	20.0	18.8	
38 Isopropyl ether	45	3.470	3.470	0.000	97	188459	20.0	19.8	
39 1,1-Dichloroethane	63	3.500	3.500	0.000	99	91812	20.0	19.2	
40 Vinyl acetate	86	3.512	3.512	0.000	100	20689	40.0	38.1	
41 2-Chloro-1,3-butadiene	88	3.543	3.543	0.000	92	39513	NC	NC	
42 Tert-butyl ethyl ether	59	3.780	3.780	0.000	90	154537	NC	NC	
* 43 2-Butanone-d5	46	3.963	3.963	0.000	98	389644	250.0	250.0	
44 2,2-Dichloropropane	79	3.981	3.981	0.000	92	18971	20.0	16.5	
45 cis-1,2-Dichloroethene	96	4.005	4.005	0.000	96	56742	20.0	19.3	
46 2-Butanone (MEK)	72	4.017	4.017	0.000	96	34072	100.0	91.6	
47 Ethyl acetate	70	4.017	4.017	0.000	96	12720	40.0	37.9	
48 Methyl acrylate	55	4.072	4.072	0.000	99	50680	NC	NC	
49 Propionitrile	54	4.145	4.145	0.000	98	91238	NC	NC	
51 Chlorobromomethane	128	4.224	4.224	0.000	92	29284	20.0	19.6	
50 Tetrahydrofuran	72	4.218	4.218	0.000	68	15320	40.0	38.7	
52 Methacrylonitrile	67	4.249	4.249	0.000	93	255352	NC	NC	
53 Chloroform	83	4.273	4.273	0.000	98	87438	20.0	18.9	
54 Cyclohexane	84	4.401	4.401	0.000	94	60276	20.0	18.3	
55 1,1,1-Trichloroethane	97	4.413	4.413	0.000	97	64566	20.0	18.1	
\$ 56 Dibromofluoromethane (Surr)	113	4.425	4.425	0.000	97	131966	50.0	48.5	
57 Carbon tetrachloride	117	4.528	4.528	0.000	97	48001	20.0	17.5	
58 1,1-Dichloropropene	75	4.559	4.559	0.000	93	57470	20.0	18.1	
59 Isobutyl alcohol	43	4.680	4.680	0.000	97	76513	NC	NC	
60 Isooctane	57	4.723	4.723	0.000	91	77128	NC	NC	
61 Benzene	78	4.753	4.753	0.000	97	196902	20.0	19.0	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.766	4.766	0.000	97	155305	50.0	47.1	
64 Isopropyl acetate	43	4.814	4.814	0.000	95	163721	20.0	19.0	
63 Tert-amyl methyl ether	73	4.814	4.814	0.000	91	153537	NC	NC	
65 1,2-Dichloroethane	62	4.839	4.839	0.000	96	68420	20.0	18.7	
66 n-Heptane	57	4.899	4.899	0.000	95	19084	20.0	18.4	
* 67 Fluorobenzene	96	5.033	5.033	0.000	98	596719	50.0	50.0	
68 n-Butanol	56	5.331	5.331	0.000	93	27171	500.0	472.8	
69 Trichloroethene	95	5.380	5.380	0.000	98	45404	20.0	18.1	
70 Ethyl acrylate	99	5.508	5.508	0.000	96	6954	20.0	20.8	
71 Methylcyclohexane	83	5.502	5.502	0.000	72	55042	20.0	17.9	
72 1,2-Dichloropropane	63	5.660	5.660	0.000	88	53002	20.0	19.3	
* 73 1,4-Dioxane-d8	96	5.721	5.721	0.000	86	31175	1000.0	1000.0	
74 Methyl methacrylate	100	5.745	5.745	0.000	90	24247	40.0	35.9	
75 1,4-Dioxane	88	5.776	5.776	0.000	55	12248	400.0	410.2	
76 Dibromomethane	93	5.788	5.788	0.000	96	33741	20.0	19.4	
77 n-Propyl acetate	43	5.800	5.800	0.000	99	78715	20.0	18.8	
78 Dichlorobromomethane	83	5.940	5.940	0.000	98	58175	20.0	18.6	
79 2-Nitropropane	41	6.274	6.274	0.000	79	21234	NC	NC	
80 2-Chloroethyl vinyl ether	63	6.274	6.274	0.000	82	32567	20.0	18.9	
81 Epichlorohydrin	57	6.378	6.378	0.000	100	110673	400.0	390.6	
82 cis-1,3-Dichloropropene	75	6.433	6.433	0.000	96	74337	20.0	19.5	
83 4-Methyl-2-pentanone (MIBK)	43	6.597	6.597	0.000	98	295152	100.0	97.3	
\$ 84 Toluene-d8 (Surr)	98	6.676	6.676	0.000	98	494767	50.0	49.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Toluene	91	6.749	6.749	0.000	93	198545	20.0	18.9	
86 trans-1,3-Dichloropropene	75	7.102	7.102	0.000	96	64015	20.0	19.1	
87 Ethyl methacrylate	69	7.132	7.132	0.000	91	59037	NC	NC	
88 1,1,2-Trichloroethane	83	7.309	7.309	0.000	96	39109	20.0	19.2	
89 Tetrachloroethene	166	7.345	7.345	0.000	95	41574	20.0	17.5	
90 1,3-Dichloropropane	76	7.515	7.515	0.000	95	76167	20.0	20.2	
91 2-Hexanone	58	7.588	7.588	0.000	98	95425	100.0	94.5	
92 n-Butyl acetate	43	7.704	7.704	0.000	98	80910	20.0	19.8	
93 Chlorodibromomethane	129	7.741	7.741	0.000	98	39490	20.0	18.9	
94 Ethylene Dibromide	107	7.893	7.893	0.000	99	44401	20.0	19.9	
* 95 Chlorobenzene-d5	117	8.440	8.440	0.000	87	417324	50.0	50.0	
96 Chlorobenzene	112	8.471	8.471	0.000	95	125519	20.0	19.2	
97 Ethylbenzene	106	8.580	8.580	0.000	99	64355	20.0	18.5	
98 1,1,1,2-Tetrachloroethane	131	8.592	8.592	0.000	90	42357	20.0	18.6	
99 m-Xylene & p-Xylene	106	8.738	8.738	0.000	99	78855	20.0	18.8	
101 n-Butyl acrylate	73	9.255	9.255	0.000	63	32916	20.0	18.4	
100 o-Xylene	106	9.255	9.255	0.000	93	82511	20.0	18.9	
102 Styrene	104	9.286	9.286	0.000	94	135523	20.0	19.8	
104 Bromoform	173	9.529	9.529	0.000	96	25385	20.0	18.3	
103 Amyl acetate (mixed isomers)	43	9.529	9.529	0.000	90	86063	20.0	18.8	
105 Isopropylbenzene	105	9.681	9.681	0.000	97	190311	20.0	18.6	
\$ 106 4-Bromofluorobenzene	174	9.900	9.900	0.000	92	152848	50.0	48.9	
107 Bromobenzene	156	10.046	10.046	0.000	97	55933	20.0	18.8	
108 1,1,2,2-Tetrachloroethane	83	10.107	10.107	0.000	97	66411	20.0	19.9	
109 N-Propylbenzene	91	10.131	10.131	0.000	99	222259	20.0	18.4	
110 1,2,3-Trichloropropane	110	10.156	10.156	0.000	96	18852	20.0	19.6	
111 trans-1,4-Dichloro-2-butene	53	10.180	10.180	0.000	80	16195	NC	NC	
112 2-Chlorotoluene	91	10.241	10.241	0.000	98	166945	20.0	18.7	
113 4-Ethyltoluene	105	10.259	10.259	0.000	98	189527	NC	NC	
114 1,3,5-Trimethylbenzene	105	10.332	10.332	0.000	92	163159	20.0	18.7	
115 4-Chlorotoluene	91	10.363	10.363	0.000	98	154715	20.0	19.2	
116 Butyl Methacrylate	87	10.448	10.448	0.000	95	55831	20.0	19.6	
117 tert-Butylbenzene	119	10.636	10.636	0.000	94	120875	20.0	18.5	
118 1,2,4-Trimethylbenzene	105	10.703	10.703	0.000	98	176952	20.0	18.8	
119 sec-Butylbenzene	105	10.849	10.849	0.000	98	170367	20.0	18.4	
120 1,3-Dichlorobenzene	146	10.977	10.977	0.000	95	104997	20.0	19.4	
121 4-Isopropyltoluene	119	10.989	10.989	0.000	97	152094	20.0	18.6	
* 122 1,4-Dichlorobenzene-d4	152	11.050	11.050	0.000	96	234033	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.068	11.068	0.000	96	108215	20.0	19.2	
124 1,2,3-Trimethylbenzene	105	11.099	11.099	0.000	99	197350	20.0	19.4	
125 Benzyl chloride	126	11.214	11.214	0.000	99	17369	20.0	17.1	
126 2,3-Dihydroindene	117	11.269	11.269	0.000	94	204037	NC	NC	
127 p-Diethylbenzene	119	11.336	11.336	0.000	92	81525	NC	NC	
128 n-Butylbenzene	92	11.360	11.360	0.000	97	74359	20.0	18.9	
129 1,2-Dichlorobenzene	146	11.409	11.409	0.000	96	112666	20.0	19.3	
130 1,2,4,5-Tetramethylbenzene	119	12.005	12.005	0.000	97	162513	NC	NC	
131 1,2-Dibromo-3-Chloropropane	157	12.090	12.090	0.000	90	13166	20.0	18.3	
132 1,3,5-Trichlorobenzene	180	12.200	12.200	0.000	97	80243	NC	NC	
133 1,2,4-Trichlorobenzene	180	12.699	12.699	0.000	94	79625	20.0	19.5	
134 Hexachlorobutadiene	225	12.784	12.784	0.000	95	19462	20.0	18.2	
135 Naphthalene	128	12.887	12.887	0.000	99	234136	20.0	20.0	
136 1,2,3-Trichlorobenzene	180	13.070	13.070	0.000	95	78924	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
S 137 1,2-Dichloroethene, Total	100				0		40.0	38.1	
S 138 Xylenes, Total	100				0		40.0	37.7	
S 139 Total BTEX	1				0		100.0	94.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00367	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00118	Amount Added: 20.00	Units: uL	
524freon_00022	Amount Added: 20.00	Units: uL	
ACROLEIN W_00106	Amount Added: 4.00	Units: uL	
8260SURR250_00207	Amount Added: 1.00	Units: uL	Run Reagent
8260ISNEW_00139	Amount Added: 1.00	Units: uL	Run Reagent

Report Date: 14-May-2020 08:43:50

Chrom Revision: 2.3 05-May-2020 17:48:18

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19004.D

Injection Date: 13-May-2020 16:08:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: STD20

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

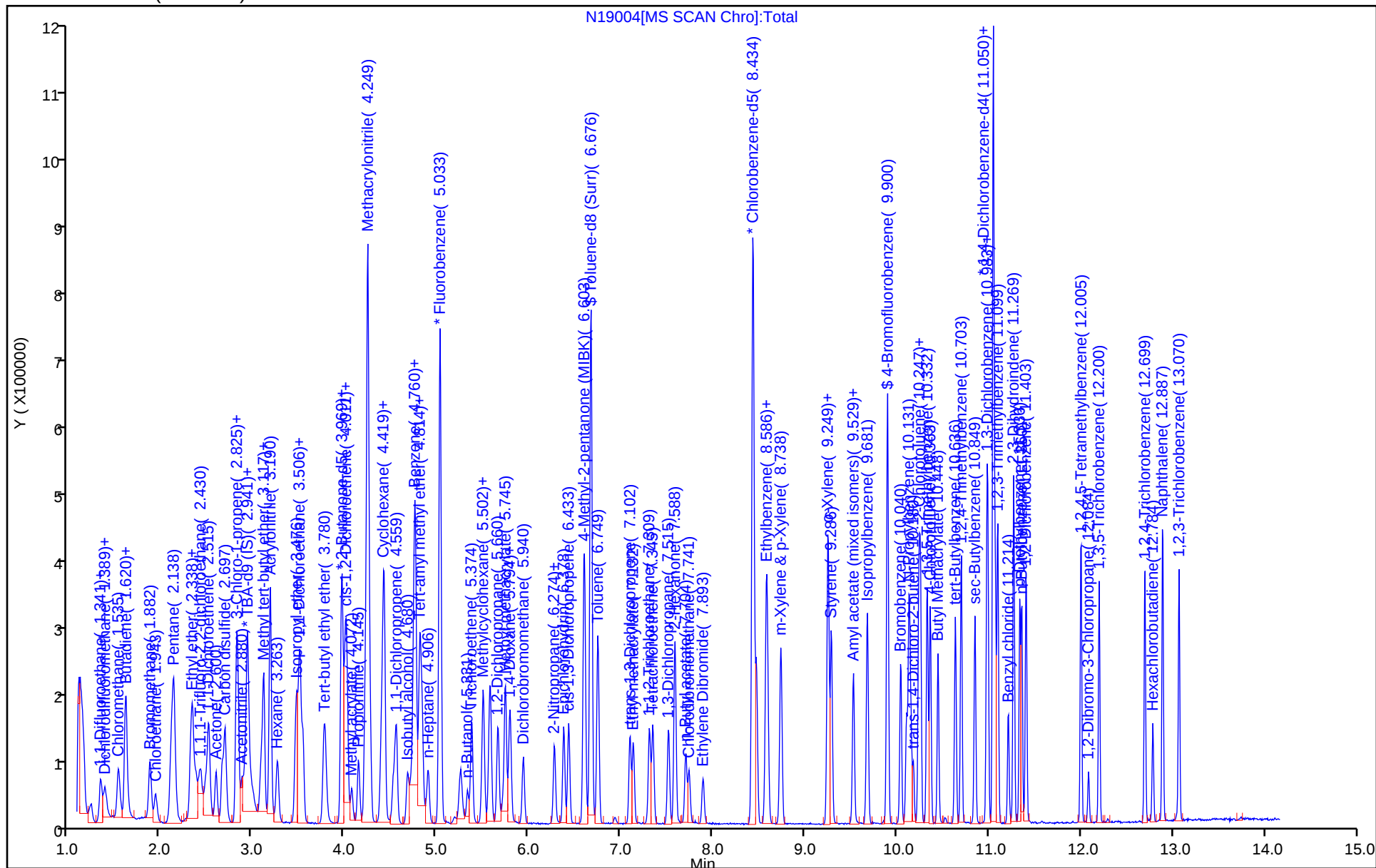
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8260W_11

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19004.D

Injection Date: 13-May-2020 16:08:30

Instrument ID: CVOAMS11

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

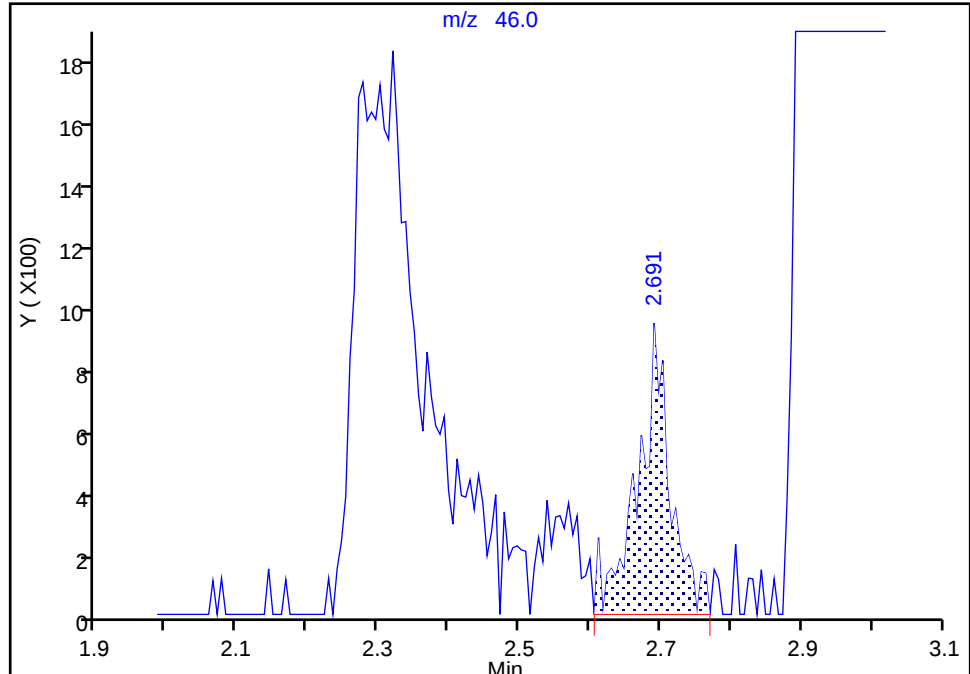
Detector: MS SCAN

15 Ethanol, CAS: 64-17-5

Signal: 1

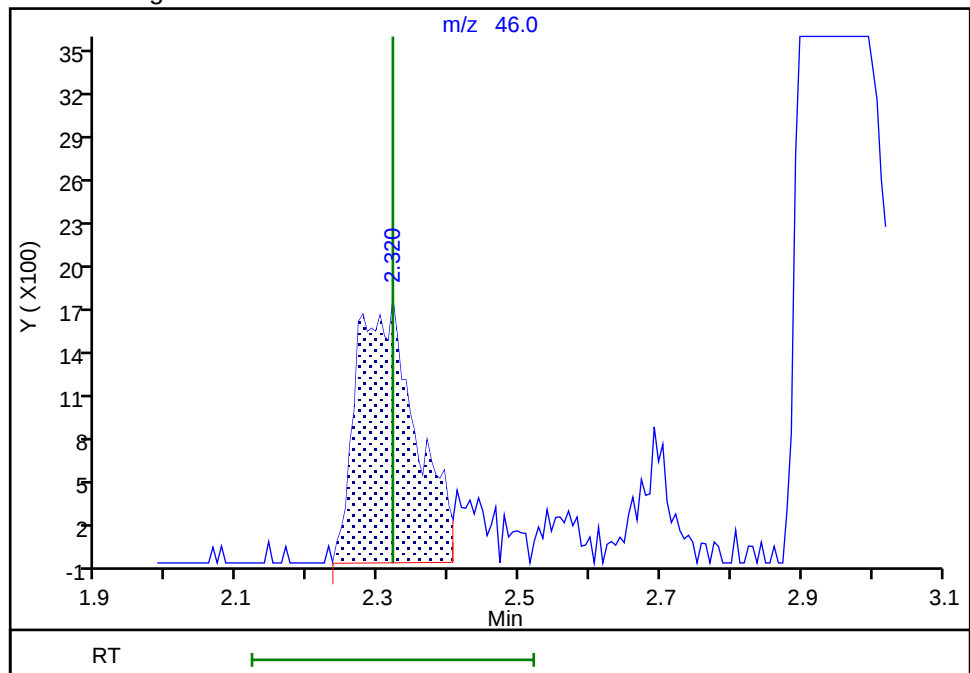
RT: 2.69
Area: 2903
Amount: 407.2875
Amount Units: ug/l

Processing Integration Results



RT: 2.32
Area: 10385
Amount: 738.0910
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 13-May-2020 19:42:51

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19005.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 13-May-2020 16:30:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0110045-007
 Operator ID: Instrument ID: CVOAMS11
 Sublist: chrom-8260W_11*sub8
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\8260W_11.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 14-May-2020 08:44:01 Calib Date: 13-May-2020 17:15:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19007.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0305

First Level Reviewer: starzecm

Date: 13-May-2020 17:18:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	51	1.347	1.341	0.006	93	127083	NC	NC	
4 Chlorotrifluoroethene	116	1.353	1.347	0.006	49	32929	NC	NC	a
5 Dichlorodifluoromethane	87	1.377	1.371	0.006	98	57792	50.0	53.4	
6 Chlorodifluoromethane	51	1.402	1.395	0.007	97	165385	NC	NC	
7 Chloromethane	52	1.541	1.535	0.006	99	93451	50.0	51.5	
9 Butadiene	54	1.621	1.614	0.007	96	209017	50.0	53.4	
8 Vinyl chloride	62	1.627	1.620	0.007	78	255206	50.0	52.7	
10 Bromomethane	94	1.888	1.876	0.012	97	157468	50.0	48.6	
11 Chloroethane	64	1.943	1.943	0.000	100	123096	50.0	50.2	
12 Dichlorofluoromethane	67	2.119	2.113	0.006	99	284574	NC	NC	
13 Trichlorofluoromethane	101	2.125	2.113	0.012	98	198692	50.0	52.2	
14 Pentane	72	2.150	2.138	0.012	96	42335	100.0	112.1	
15 Ethanol	46	2.290	2.320	-0.030	90	26227	2000.0	1809.8	a
16 Ethyl ether	74	2.326	2.320	0.006	93	83397	50.0	50.6	
17 2-Methyl-1,3-butadiene	53	2.344	2.338	0.006	99	116576	50.0	52.8	
18 1,2-Dichloro-1,1,2-trifluoroethane	117	2.381	2.381	0.000	84	114689	NC	NC	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	2.436	2.430	0.006	97	182942	NC	NC	a
20 Acrolein	56	2.490	2.484	0.006	94	38346	100.0	100.6	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.509	2.496	0.013	98	111789	50.0	50.6	
22 1,1-Dichloroethene	96	2.527	2.521	0.006	97	116896	50.0	50.0	
23 Acetone	58	2.600	2.600	0.000	86	70158	250.0	215.8	
24 Iodomethane	142	2.673	2.667	0.006	98	251611	50.0	51.3	
25 Isopropyl alcohol	45	2.685	2.679	0.006	99	76278	500.0	483.6	
26 Carbon disulfide	76	2.703	2.697	0.006	100	460566	50.0	51.1	
27 3-Chloro-1-propene	76	2.825	2.819	0.006	93	77741	50.0	49.8	
28 Methyl acetate	74	2.831	2.831	0.000	100	49616	100.0	99.6	
29 Cyclopentene	67	2.843	2.837	0.006	93	308358	NC	NC	
30 Acetonitrile	41	2.886	2.880	0.006	98	200891	500.0	502.1	
* 31 TBA-d9 (IS)	66	2.941	2.934	0.007	66	44490	1000.0	1000.0	
32 Methylene Chloride	84	2.947	2.941	0.006	96	155678	50.0	48.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 2-Methyl-2-propanol	59	3.008	2.995	0.013	98	122144	500.0	464.6	
34 Methyl tert-butyl ether	73	3.099	3.099	0.000	97	360359	50.0	50.0	
35 trans-1,2-Dichloroethene	96	3.123	3.117	0.006	96	131837	50.0	50.0	
36 Acrylonitrile	53	3.190	3.190	0.000	94	612880	500.0	503.5	
37 Hexane	56	3.269	3.263	0.006	94	63280	50.0	49.3	
38 Isopropyl ether	45	3.476	3.470	0.006	96	477435	50.0	50.5	
39 1,1-Dichloroethane	63	3.506	3.500	0.006	99	240138	50.0	50.6	
40 Vinyl acetate	86	3.519	3.512	0.007	100	53149	100.0	99.5	
41 2-Chloro-1,3-butadiene	88	3.549	3.543	0.006	93	108067	NC	NC	
42 Tert-butyl ethyl ether	59	3.780	3.780	0.000	89	398143	NC	NC	
* 43 2-Butanone-d5	46	3.969	3.963	0.006	97	383409	250.0	250.0	
44 2,2-Dichloropropane	79	3.987	3.981	0.006	94	55781	50.0	48.8	
45 cis-1,2-Dichloroethene	96	4.005	4.005	0.000	96	146988	50.0	50.3	
46 2-Butanone (MEK)	72	4.017	4.017	0.000	97	86670	250.0	236.9	
47 Ethyl acetate	70	4.024	4.017	0.007	96	32001	100.0	96.8	
48 Methyl acrylate	55	4.078	4.072	0.006	99	130940	NC	NC	
49 Propionitrile	54	4.151	4.145	0.006	98	227643	NC	NC	
50 Tetrahydrofuran	72	4.218	4.218	0.000	71	37972	100.0	98.9	
51 Chlorobromomethane	128	4.224	4.224	0.000	92	74391	50.0	50.1	
52 Methacrylonitrile	67	4.249	4.249	0.000	93	643679	NC	NC	
53 Chloroform	83	4.279	4.273	0.006	97	226776	50.0	49.3	
54 Cyclohexane	84	4.401	4.401	0.000	94	171917	50.0	52.5	
55 1,1,1-Trichloroethane	97	4.419	4.413	0.006	98	183064	50.0	51.8	
\$ 56 Dibromofluoromethane (Surr)	113	4.431	4.425	0.006	97	135578	50.0	50.2	
57 Carbon tetrachloride	117	4.535	4.528	0.007	98	136125	50.0	49.9	
58 1,1-Dichloropropene	75	4.559	4.559	0.000	95	157953	50.0	50.1	
59 Isobutyl alcohol	43	4.681	4.680	0.001	96	162853	NC	NC	
60 Isooctane	57	4.729	4.723	0.006	96	220895	NC	NC	
61 Benzene	78	4.754	4.753	0.001	98	530584	50.0	50.2	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.772	4.766	0.006	87	162472	50.0	49.6	
64 Isopropyl acetate	43	4.814	4.814	0.000	96	435661	50.0	50.8	
63 Tert-amyl methyl ether	73	4.821	4.814	0.006	91	390361	NC	NC	
65 1,2-Dichloroethane	62	4.845	4.839	0.006	97	174510	50.0	48.0	
66 n-Heptane	57	4.906	4.899	0.007	97	53470	50.0	51.9	
* 67 Fluorobenzene	96	5.033	5.033	0.000	98	592869	50.0	50.0	
68 n-Butanol	56	5.332	5.331	0.001	94	73840	1250.0	1247.5	
69 Trichloroethene	95	5.380	5.380	0.000	98	122894	50.0	49.3	
71 Methylcyclohexane	83	5.502	5.502	0.000	80	161825	50.0	52.9	
70 Ethyl acrylate	99	5.502	5.508	-0.006	97	17631	50.0	53.2	
72 1,2-Dichloropropane	63	5.666	5.660	0.006	91	135620	50.0	49.8	
* 73 1,4-Dioxane-d8	96	5.715	5.721	-0.006	89	32913	1000.0	1000.0	
74 Methyl methacrylate	100	5.745	5.745	0.000	90	68514	100.0	102.1	
75 1,4-Dioxane	88	5.776	5.776	0.000	87	30179	1000.0	957.4	
76 Dibromomethane	93	5.794	5.788	0.006	96	84926	50.0	49.0	
77 n-Propyl acetate	43	5.800	5.800	0.000	99	212492	50.0	51.1	
78 Dichlorobromomethane	83	5.940	5.940	0.000	99	152427	50.0	49.0	
79 2-Nitropropane	41	6.274	6.274	0.000	79	57077	NC	NC	
80 2-Chloroethyl vinyl ether	63	6.281	6.274	0.007	78	85512	50.1	49.8	
81 Epichlorohydrin	57	6.378	6.378	0.000	100	289223	1000.0	1037.3	
82 cis-1,3-Dichloropropene	75	6.433	6.433	0.000	96	198810	50.0	51.3	
83 4-Methyl-2-pentanone (MIBK)	43	6.603	6.597	0.006	98	775565	250.0	259.9	
\$ 84 Toluene-d8 (Surr)	98	6.676	6.676	0.000	98	517272	50.0	50.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Toluene	91	6.749	6.749	0.000	93	528903	50.0	49.4	
86 trans-1,3-Dichloropropene	75	7.102	7.102	0.000	98	173002	50.0	50.9	
87 Ethyl methacrylate	69	7.138	7.132	0.006	91	163071	NC	NC	
88 1,1,2-Trichloroethane	83	7.309	7.309	0.000	96	98911	50.0	47.9	
89 Tetrachloroethene	166	7.351	7.345	0.006	96	119996	50.0	49.6	
90 1,3-Dichloropropane	76	7.516	7.515	0.001	95	193626	50.0	50.4	
91 2-Hexanone	58	7.589	7.588	0.001	98	253767	250.0	255.3	
92 n-Butyl acetate	43	7.704	7.704	0.000	98	206956	50.0	49.8	
93 Chlorodibromomethane	129	7.741	7.741	0.001	98	105780	50.0	49.8	
94 Ethylene Dibromide	107	7.893	7.893	0.000	99	115158	50.0	50.7	
* 95 Chlorobenzene-d5	117	8.440	8.440	0.000	87	424311	50.0	50.0	
96 Chlorobenzene	112	8.477	8.471	0.006	94	333584	50.0	50.1	
97 Ethylbenzene	106	8.580	8.580	0.000	99	174412	50.0	49.4	
98 1,1,1,2-Tetrachloroethane	131	8.598	8.592	0.006	93	116776	50.0	50.6	
99 m-Xylene & p-Xylene	106	8.738	8.738	0.000	99	214280	50.0	50.3	
101 n-Butyl acrylate	73	9.249	9.255	-0.006	66	91130	50.0	50.1	
100 o-Xylene	106	9.255	9.255	0.000	93	228143	50.0	51.4	
102 Styrene	104	9.286	9.286	0.000	94	368850	50.0	52.9	
104 Bromoform	173	9.529	9.529	0.000	53	69665	50.0	48.9	
103 Amyl acetate (mixed isomers)	43	9.529	9.529	0.000	89	241976	50.0	51.5	
105 Isopropylbenzene	105	9.681	9.681	0.000	97	537138	50.0	51.6	
\$ 106 4-Bromofluorobenzene	174	9.900	9.900	0.000	92	160754	50.0	50.6	
107 Bromobenzene	156	10.040	10.046	-0.006	96	149832	50.0	49.1	
108 1,1,2,2-Tetrachloroethane	83	10.107	10.107	0.000	98	171435	50.0	50.1	
109 N-Propylbenzene	91	10.131	10.131	0.000	99	625440	50.0	50.6	
110 1,2,3-Trichloropropane	110	10.156	10.156	0.000	97	46208	50.0	46.9	
111 trans-1,4-Dichloro-2-butene	53	10.180	10.180	0.000	75	44800	NC	NC	
112 2-Chlorotoluene	91	10.241	10.241	0.000	98	457376	50.0	50.1	
113 4-Ethyltoluene	105	10.259	10.259	0.000	98	522754	NC	NC	
114 1,3,5-Trimethylbenzene	105	10.332	10.332	0.000	92	454561	50.0	50.8	
115 4-Chlorotoluene	91	10.363	10.363	0.000	98	415955	50.0	50.3	
116 Butyl Methacrylate	87	10.448	10.448	0.000	94	161252	50.0	53.5	
117 tert-Butylbenzene	119	10.636	10.636	0.000	94	342868	50.0	51.1	
118 1,2,4-Trimethylbenzene	105	10.697	10.703	-0.006	98	486524	50.0	50.5	
119 sec-Butylbenzene	105	10.849	10.849	0.000	99	495037	50.0	52.2	
120 1,3-Dichlorobenzene	146	10.977	10.977	0.000	96	280862	50.0	50.7	
121 4-Isopropyltoluene	119	10.989	10.989	0.000	97	428238	50.0	51.0	
* 122 1,4-Dichlorobenzene-d4	152	11.050	11.050	0.000	95	239819	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.074	11.068	0.006	96	285117	50.0	49.3	
124 1,2,3-Trimethylbenzene	105	11.099	11.099	0.000	99	532907	50.0	51.2	
125 Benzyl chloride	126	11.214	11.214	0.000	99	51436	50.0	49.4	
126 2,3-Dihydroindene	117	11.269	11.269	0.000	94	541360	NC	NC	
127 p-Diethylbenzene	119	11.336	11.336	0.000	92	228408	NC	NC	
128 n-Butylbenzene	92	11.360	11.360	0.000	96	208527	50.0	51.6	
129 1,2-Dichlorobenzene	146	11.409	11.409	0.000	96	299854	50.0	50.1	
130 1,2,4,5-Tetramethylbenzene	119	12.005	12.005	0.000	97	468422	NC	NC	
131 1,2-Dibromo-3-Chloropropane	157	12.084	12.090	-0.006	92	36235	50.0	49.1	
132 1,3,5-Trichlorobenzene	180	12.200	12.200	0.000	97	209531	NC	NC	
133 1,2,4-Trichlorobenzene	180	12.699	12.699	0.000	94	210102	50.0	50.3	
134 Hexachlorobutadiene	225	12.784	12.784	0.000	96	54935	50.0	50.2	
135 Naphthalene	128	12.887	12.887	0.000	99	628841	50.0	52.5	
136 1,2,3-Trichlorobenzene	180	13.070	13.070	0.000	95	205337	50.0	51.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 1,2-Dichloroethene, Total	100				0		100.0	100.3	
S 138 Xylenes, Total	100				0		100.0	101.8	
S 139 Total BTEX	1				0		250.0	250.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

524freon_00022	Amount Added: 50.00	Units: uL	
8260MIX1COMB_00118	Amount Added: 50.00	Units: uL	
ACROLEIN W_00106	Amount Added: 10.00	Units: uL	
GASES Li_00367	Amount Added: 50.00	Units: uL	
8260SURR250_00207	Amount Added: 1.00	Units: uL	Run Reagent
8260ISNEW_00139	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19005.D

Injection Date: 13-May-2020 16:30:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: STD50

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

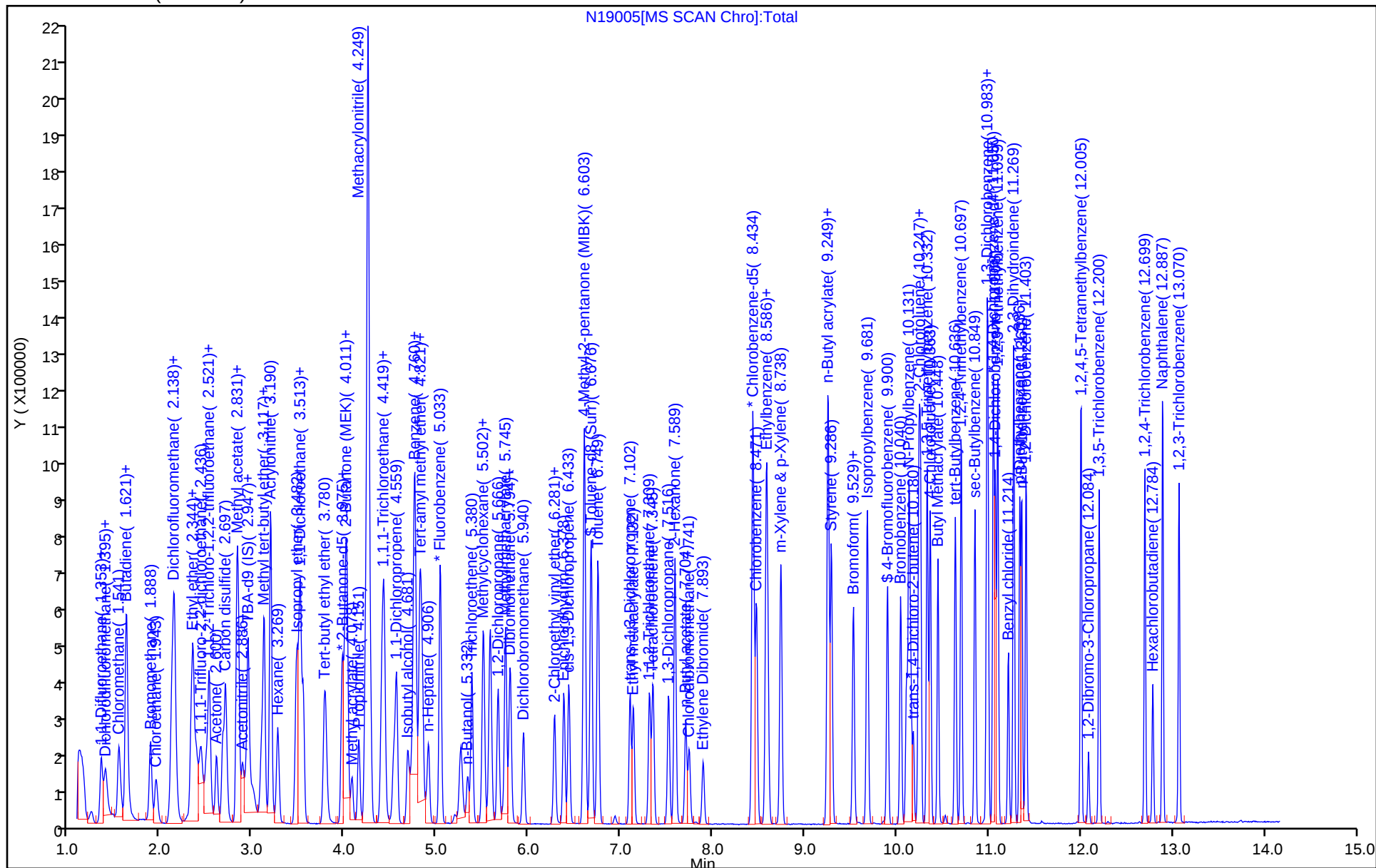
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260W_11

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19005.D

Injection Date: 13-May-2020 16:30:30

Instrument ID: CVOAMS11

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

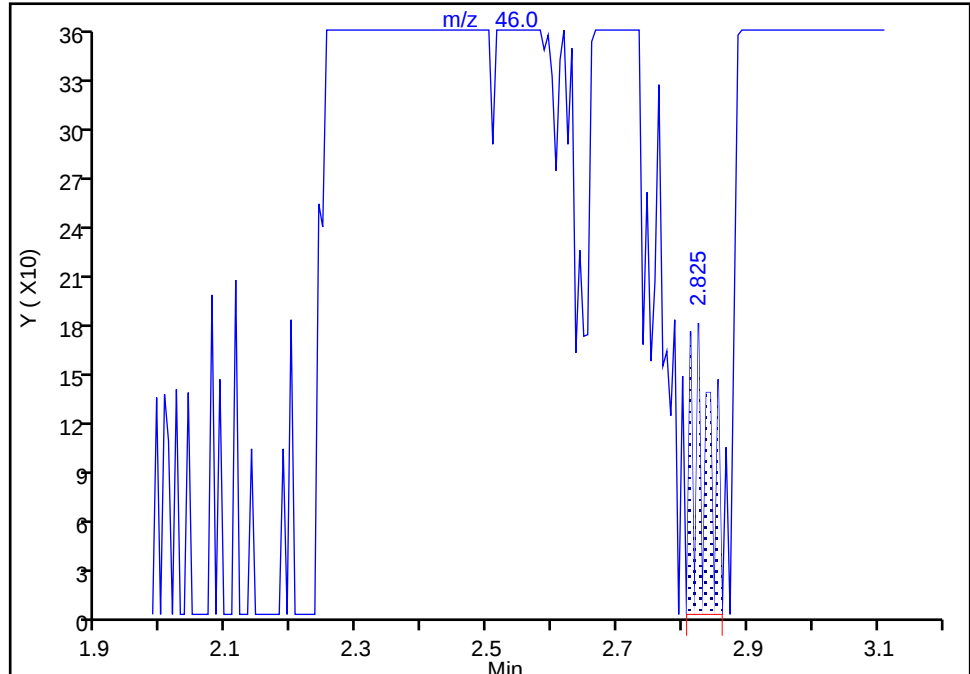
Detector: MS SCAN

15 Ethanol, CAS: 64-17-5

Signal: 1

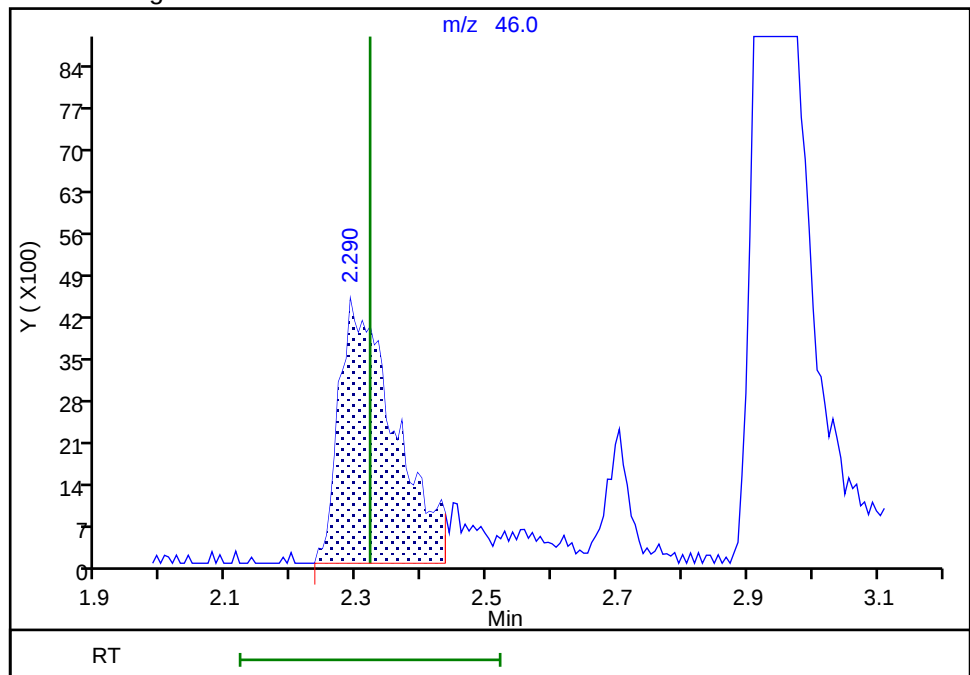
RT: 2.83
Area: 276
Amount: 30.848970
Amount Units: ug/l

Processing Integration Results



RT: 2.29
Area: 26227
Amount: 1809.7687
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 13-May-2020 19:44:19

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19006.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 13-May-2020 16:53:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0110045-008
 Operator ID: Instrument ID: CVOAMS11
 Sublist: chrom-8260W_11*sub8
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\8260W_11.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 14-May-2020 08:44:17 Calib Date: 13-May-2020 17:15:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19007.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0305

First Level Reviewer: starzecm

Date: 13-May-2020 17:31:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	51	1.347	1.341	0.006	93	543757	NC	NC	
4 Chlorotrifluoroethene	116	1.353	1.347	0.006	51	185606	NC	NC	a
5 Dichlorodifluoromethane	87	1.383	1.371	0.012	99	232378	200.0	203.8	
6 Chlorodifluoromethane	51	1.395	1.395	0.000	98	682532	NC	NC	
7 Chloromethane	52	1.535	1.535	0.000	99	359694	200.0	180.5	
9 Butadiene	54	1.620	1.614	0.006	97	820712	200.0	199.1	
8 Vinyl chloride	62	1.620	1.620	0.000	98	975437	200.0	191.3	
10 Bromomethane	94	1.882	1.876	0.006	99	595776	200.0	174.4	
11 Chloroethane	64	1.943	1.943	0.000	100	474498	200.0	183.5	
12 Dichlorofluoromethane	67	2.119	2.113	0.006	99	1093077	NC	NC	
13 Trichlorofluoromethane	101	2.125	2.113	0.012	98	775673	200.0	193.4	
14 Pentane	72	2.144	2.138	0.006	96	154192	400.0	366.9	
15 Ethanol	46	2.314	2.320	-0.006	86	121795	8000.0	7551.4	a
16 Ethyl ether	74	2.320	2.320	0.000	92	335009	200.0	192.8	
17 2-Methyl-1,3-butadiene	53	2.344	2.338	0.006	98	447052	200.0	192.3	
18 1,2-Dichloro-1,1,2-trifluoroethane	117	2.381	2.381	0.000	84	402618	NC	NC	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	2.429	2.430	-0.001	90	675384	NC	NC	a
20 Acrolein	56	2.484	2.484	0.000	94	83388	200.0	196.5	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.502	2.496	0.006	96	437346	200.0	188.0	
22 1,1-Dichloroethene	96	2.521	2.521	0.000	97	466581	200.0	189.4	
23 Acetone	58	2.600	2.600	0.000	86	397928	1000.0	1115.3	
24 Iodomethane	142	2.667	2.667	0.000	98	993026	200.0	192.3	
25 Isopropyl alcohol	45	2.685	2.679	0.006	99	339908	2000.0	1936.5	
26 Carbon disulfide	76	2.703	2.697	0.006	100	1841390	200.0	194.1	
27 3-Chloro-1-propene	76	2.819	2.819	0.000	94	320152	200.0	194.5	
28 Methyl acetate	74	2.831	2.831	0.000	100	211550	400.0	381.5	
29 Cyclopentene	67	2.837	2.837	0.000	94	1183106	NC	NC	
30 Acetonitrile	41	2.880	2.880	0.000	98	801215	2000.0	1924.6	
* 31 TBA-d9 (IS)	66	2.940	2.934	0.006	68	49515	1000.0	1000.0	
32 Methylene Chloride	84	2.947	2.941	0.006	96	621226	200.0	185.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 2-Methyl-2-propanol	59	3.001	2.995	0.006	99	538187	2000.0	1839.2	
34 Methyl tert-butyl ether	73	3.099	3.099	0.000	97	1514869	200.0	199.4	
35 trans-1,2-Dichloroethene	96	3.117	3.117	0.000	97	522508	200.0	188.2	
36 Acrylonitrile	53	3.190	3.190	0.000	94	2631100	2000.0	1942.2	
37 Hexane	56	3.263	3.263	0.000	93	255290	200.0	188.7	
38 Isopropyl ether	45	3.476	3.470	0.006	96	1928820	200.0	193.5	
39 1,1-Dichloroethane	63	3.500	3.500	0.000	99	981493	200.0	196.4	
40 Vinyl acetate	86	3.512	3.512	0.000	100	225997	400.0	385.3	
41 2-Chloro-1,3-butadiene	88	3.543	3.543	0.000	93	437093	NC	NC	
42 Tert-butyl ethyl ether	59	3.780	3.780	0.000	88	1605526	NC	NC	
* 43 2-Butanone-d5	46	3.963	3.963	-0.001	94	420854	250.0	250.0	
44 2,2-Dichloropropane	79	3.987	3.981	0.006	96	224878	200.0	186.5	
45 cis-1,2-Dichloroethene	96	4.005	4.005	0.000	96	596190	200.0	193.6	
46 2-Butanone (MEK)	72	4.017	4.017	0.000	98	412090	1000.0	1026.0	
47 Ethyl acetate	70	4.023	4.017	0.006	96	138589	400.0	381.9	
48 Methyl acrylate	55	4.072	4.072	0.000	100	543659	NC	NC	
49 Propionitrile	54	4.151	4.145	0.006	98	968500	NC	NC	
50 Tetrahydrofuran	72	4.218	4.218	0.000	94	172893	400.0	413.3	
51 Chlorobromomethane	128	4.224	4.224	0.000	94	310789	200.0	198.7	
52 Methacrylonitrile	67	4.248	4.249	-0.001	94	2883335	NC	NC	
53 Chloroform	83	4.273	4.273	0.000	97	942769	200.0	194.3	
54 Cyclohexane	84	4.401	4.401	0.000	94	686274	200.0	198.9	
55 1,1,1-Trichloroethane	97	4.419	4.413	0.006	99	739853	200.0	198.6	
\$ 56 Dibromofluoromethane (Surr)	113	4.425	4.425	0.000	97	143563	50.0	50.4	
57 Carbon tetrachloride	117	4.534	4.528	0.006	97	575703	200.0	200.3	
58 1,1-Dichloropropene	75	4.559	4.559	0.000	94	642311	200.0	193.3	
59 Isobutyl alcohol	43	4.680	4.680	0.000	95	680071	NC	NC	
60 Isooctane	57	4.735	4.723	0.012	98	941635	NC	NC	
61 Benzene	78	4.753	4.753	0.000	97	2175816	200.0	190.6	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.772	4.766	0.006	88	181063	50.0	52.5	
64 Isopropyl acetate	43	4.814	4.814	0.000	95	1886249	200.0	208.9	
63 Tert-amyl methyl ether	73	4.820	4.814	0.006	95	1589675	NC	NC	
65 1,2-Dichloroethane	62	4.845	4.839	0.006	95	738534	200.0	192.7	
66 n-Heptane	57	4.905	4.899	0.006	96	224897	200.0	207.0	
* 67 Fluorobenzene	96	5.033	5.033	0.000	98	624709	50.0	50.0	
68 n-Butanol	56	5.331	5.331	0.000	92	360346	5000.0	5470.1	
69 Trichloroethene	95	5.380	5.380	0.000	97	506231	200.0	192.8	
71 Methylcyclohexane	83	5.502	5.502	0.000	70	670417	200.0	207.9	
70 Ethyl acrylate	99	5.502	5.508	-0.006	96	78682	200.0	211.2	a
72 1,2-Dichloropropane	63	5.666	5.660	0.006	90	561049	200.0	195.3	
* 73 1,4-Dioxane-d8	96	5.721	5.721	0.000	77	37450	1000.0	1000.0	
74 Methyl methacrylate	100	5.745	5.745	0.000	91	296113	400.0	418.7	
75 1,4-Dioxane	88	5.769	5.776	-0.007	87	128084	4000.0	3571.3	
76 Dibromomethane	93	5.788	5.788	0.000	96	362188	200.0	198.5	
77 n-Propyl acetate	43	5.800	5.800	0.000	100	925558	200.0	211.4	
78 Dichlorobromomethane	83	5.940	5.940	0.000	99	674103	200.0	205.9	
79 2-Nitropropane	41	6.274	6.274	0.000	80	277080	NC	NC	
80 2-Chloroethyl vinyl ether	63	6.280	6.274	0.006	75	381189	200.5	210.8	
81 Epichlorohydrin	57	6.378	6.378	0.000	100	1297607	4000.0	4239.7	
82 cis-1,3-Dichloropropene	75	6.432	6.433	-0.001	96	871735	200.0	207.9	
83 4-Methyl-2-pentanone (MIBK)	43	6.603	6.597	0.006	98	3528936	1000.0	1077.3	
\$ 84 Toluene-d8 (Surr)	98	6.676	6.676	0.000	98	539839	50.0	49.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Toluene	91	6.749	6.749	0.000	93	2217671	200.0	191.8	
86 trans-1,3-Dichloropropene	75	7.102	7.102	0.000	98	790025	200.0	214.9	
87 Ethyl methacrylate	69	7.132	7.132	0.000	91	739737	NC	NC	
88 1,1,2-Trichloroethane	83	7.308	7.309	-0.001	96	428708	200.0	191.9	
89 Tetrachloroethene	166	7.351	7.345	0.006	97	500960	200.0	191.4	
90 1,3-Dichloropropane	76	7.515	7.515	0.000	95	823926	200.0	198.4	
91 2-Hexanone	58	7.588	7.588	0.000	98	1195944	1000.0	1096.3	
92 n-Butyl acetate	43	7.704	7.704	0.000	98	955137	200.0	212.4	
93 Chlorodibromomethane	129	7.747	7.741	0.006	98	489730	200.0	213.2	
94 Ethylene Dibromide	107	7.893	7.893	-0.001	98	511512	200.0	208.3	
* 95 Chlorobenzene-d5	117	8.434	8.440	-0.006	85	458723	50.0	50.0	
96 Chlorobenzene	112	8.477	8.471	0.006	93	1399074	200.0	194.2	
97 Ethylbenzene	106	8.580	8.580	0.000	99	741777	200.0	194.4	
98 1,1,1,2-Tetrachloroethane	131	8.598	8.592	0.006	93	520789	200.0	208.6	
99 m-Xylene & p-Xylene	106	8.738	8.738	0.000	100	887169	200.0	192.8	
101 n-Butyl acrylate	73	9.249	9.255	-0.006	95	436550	200.0	221.9	
100 o-Xylene	106	9.255	9.255	0.000	92	965943	200.0	201.4	
102 Styrene	104	9.292	9.286	0.006	94	1604929	200.0	212.9	
103 Amyl acetate (mixed isomers)	43	9.529	9.529	0.000	89	1103992	200.0	222.4	
104 Bromoform	173	9.529	9.529	0.000	95	344814	200.0	229.0	
105 Isopropylbenzene	105	9.681	9.681	0.000	96	2340249	200.0	208.0	
\$ 106 4-Bromofluorobenzene	174	9.900	9.900	0.000	92	173684	50.0	50.5	
107 Bromobenzene	156	10.046	10.046	0.000	95	645645	200.0	200.4	
108 1,1,2,2-Tetrachloroethane	83	10.107	10.107	0.000	98	735152	200.0	203.4	
109 N-Propylbenzene	91	10.131	10.131	0.000	99	2690898	200.0	206.1	
110 1,2,3-Trichloropropane	110	10.156	10.156	0.000	96	201195	200.0	193.1	
111 trans-1,4-Dichloro-2-butene	53	10.180	10.180	0.000	89	203131	NC	NC	
112 2-Chlorotoluene	91	10.241	10.241	0.000	97	1946971	200.0	201.8	
113 4-Ethyltoluene	105	10.259	10.259	0.000	98	2150109	NC	NC	
114 1,3,5-Trimethylbenzene	105	10.332	10.332	0.000	92	1993734	200.0	210.8	
115 4-Chlorotoluene	91	10.362	10.363	-0.001	98	1769637	200.0	202.7	
116 Butyl Methacrylate	87	10.448	10.448	0.000	95	753513	200.0	214.2	
117 tert-Butylbenzene	119	10.636	10.636	0.000	93	1534146	200.0	216.5	
118 1,2,4-Trimethylbenzene	105	10.703	10.703	0.000	98	2150119	200.0	211.1	
119 sec-Butylbenzene	105	10.849	10.849	0.000	99	2199374	200.0	219.3	
120 1,3-Dichlorobenzene	146	10.977	10.977	0.000	95	1211194	200.0	207.1	
121 4-Isopropyltoluene	119	10.989	10.989	0.000	97	1948692	200.0	219.7	
* 122 1,4-Dichlorobenzene-d4	152	11.050	11.050	0.000	95	253429	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.074	11.068	0.006	95	1213762	200.0	198.8	
124 1,2,3-Trimethylbenzene	105	11.099	11.099	0.000	99	2322280	200.0	211.2	
125 Benzyl chloride	126	11.214	11.214	0.000	99	257924	200.0	234.5	
126 2,3-Dihydroindene	117	11.275	11.269	0.006	94	2297560	NC	NC	
127 p-Diethylbenzene	119	11.336	11.336	0.000	92	941829	NC	NC	
128 n-Butylbenzene	92	11.360	11.360	0.000	97	920402	200.0	215.6	
129 1,2-Dichlorobenzene	146	11.409	11.409	0.000	96	1281942	200.0	202.8	
130 1,2,4,5-Tetramethylbenzene	119	12.005	12.005	0.000	97	2043866	NC	NC	
131 1,2-Dibromo-3-Chloropropane	157	12.084	12.090	-0.006	93	174897	200.0	224.4	
132 1,3,5-Trichlorobenzene	180	12.200	12.200	0.000	97	866463	NC	NC	
133 1,2,4-Trichlorobenzene	180	12.699	12.699	0.000	94	911294	200.0	206.4	
134 Hexachlorobutadiene	225	12.784	12.784	0.000	96	244162	200.0	211.1	
135 Naphthalene	128	12.893	12.887	0.006	99	2805525	200.0	221.5	
136 1,2,3-Trichlorobenzene	180	13.070	13.070	0.000	95	874334	200.0	208.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 1,2-Dichloroethene, Total	100				0		400.0	381.7	
S 138 Xylenes, Total	100				0		400.0	394.2	
S 139 Total BTEX	1				0		1000.0	970.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

GAS Hi_00360	Amount Added: 20.00	Units: uL	
8FreonHi_00018	Amount Added: 20.00	Units: uL	
MIX I Hi_00125	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00098	Amount Added: 20.00	Units: uL	
Ethanol mix_00040	Amount Added: 20.00	Units: uL	
ACROLEIN W_00106	Amount Added: 20.00	Units: uL	
8260SURR250_00207	Amount Added: 1.00	Units: uL	Run Reagent
8260ISNEW_00139	Amount Added: 1.00	Units: uL	Run Reagent

Chrom Revision: 2.3 05-May-2020 17:48:18

Operator ID:
Worklist Smp#: 8

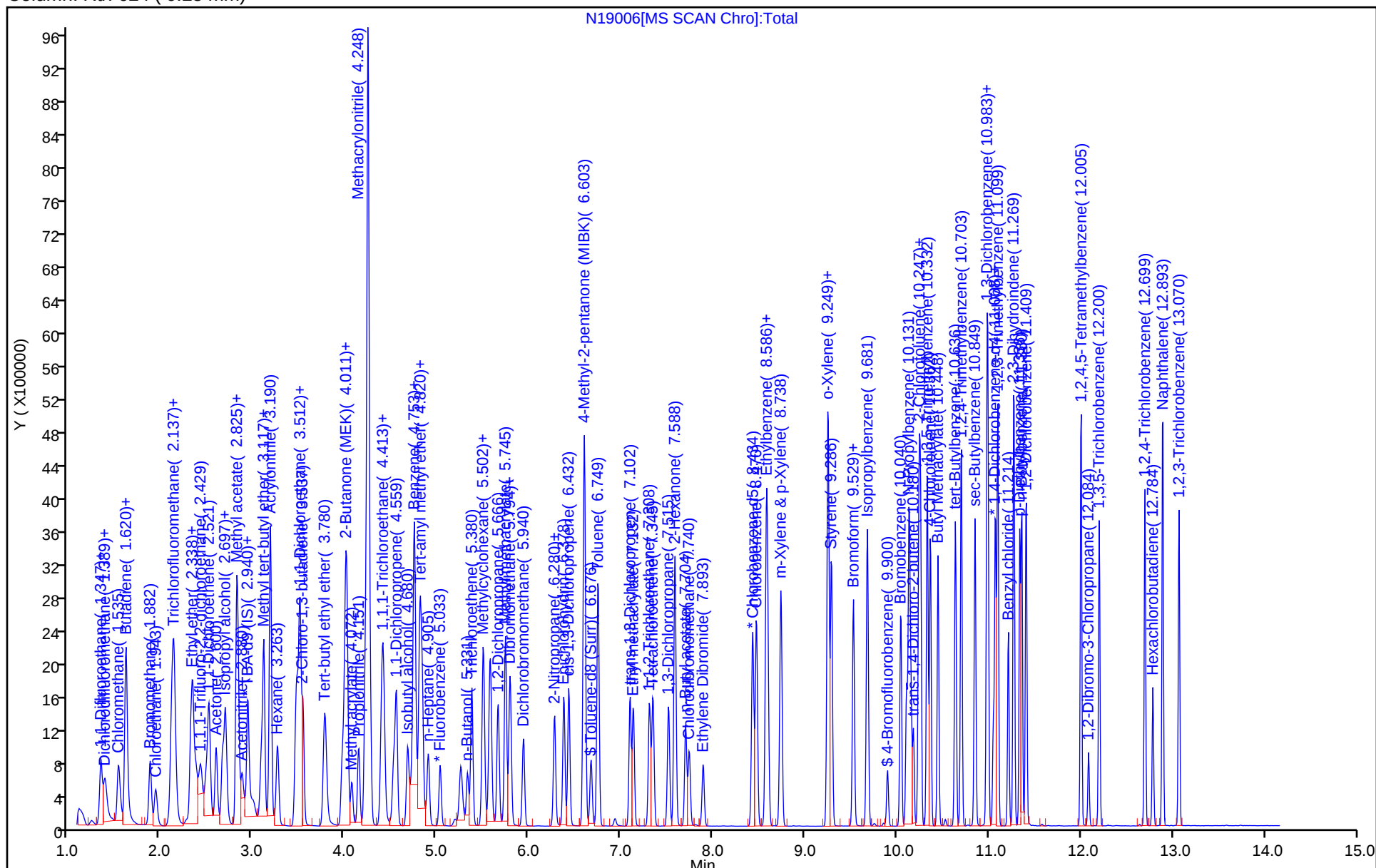
ALS Bottle#: 7

Dil. Factor: 1.0000
Limit Group: VOA 624.1 ICAL

ALS Bottle#: 7

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19006.D
Injection Date: 13-May-2020 16:53:30 Instrument ID: CVOAMS11
Lims ID: STD200
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_11
Column: Rtx-624 (0.25 mm)

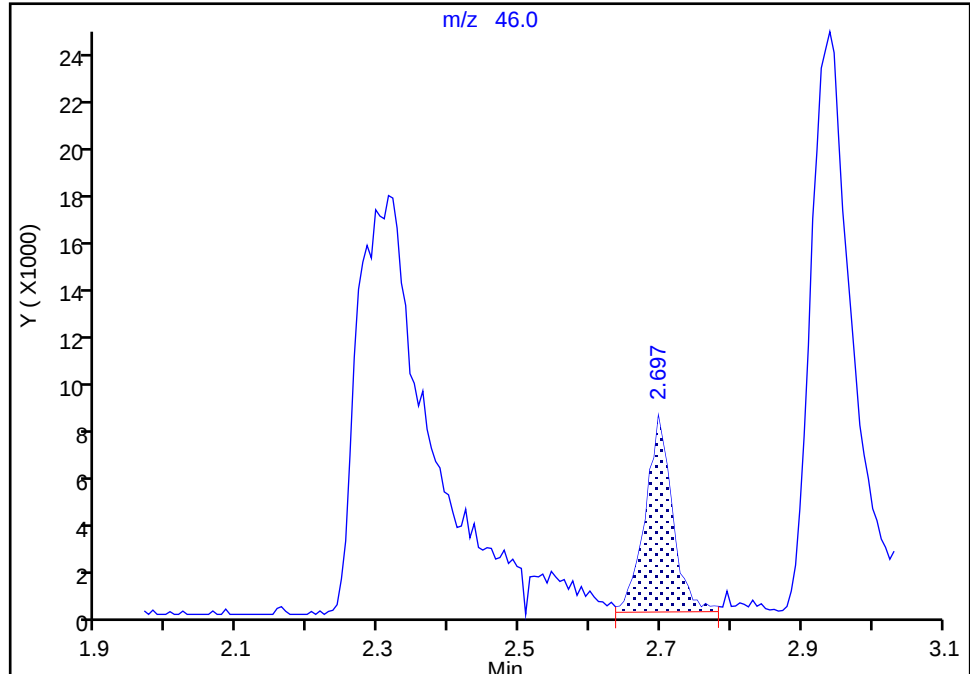
ALS Bottle#: 7 Worklist Smp#: 8
Dil. Factor: 1.0000
Limit Group: VOA 624.1 ICAL
Detector: MS SCAN

15 Ethanol, CAS: 64-17-5

Signal: 1

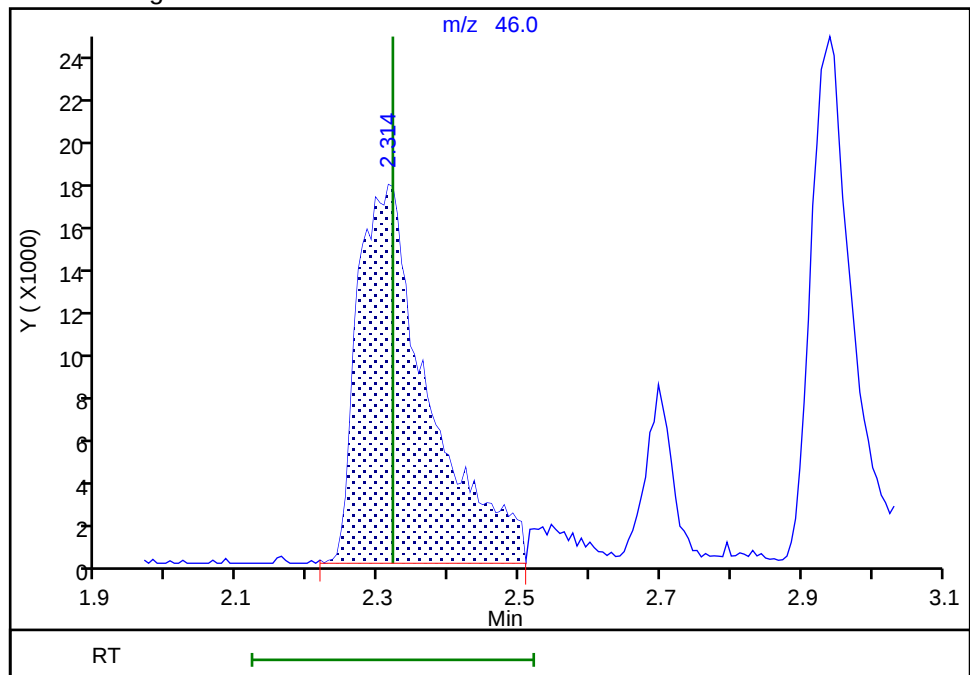
RT: 2.70
Area: 21839
Amount: 1766.3138
Amount Units: ug/l

Processing Integration Results



RT: 2.31
Area: 121795
Amount: 7551.4358
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 13-May-2020 19:45:48

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19006.D

Injection Date: 13-May-2020 16:53:30

Instrument ID: CVOAMS11

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

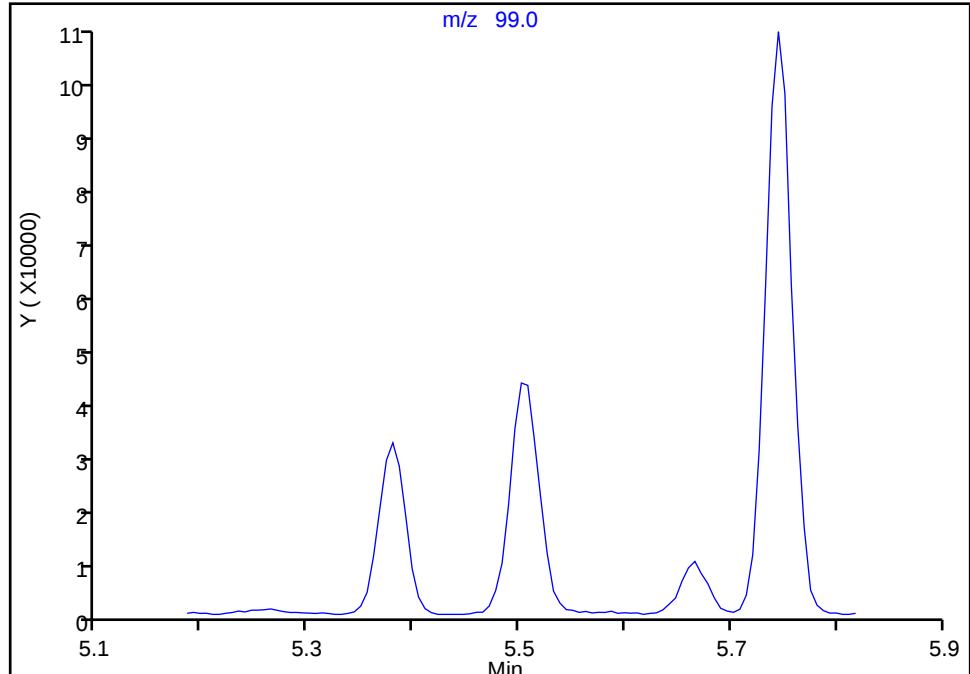
70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

Not Detected

Expected RT: 5.51

Processing Integration Results



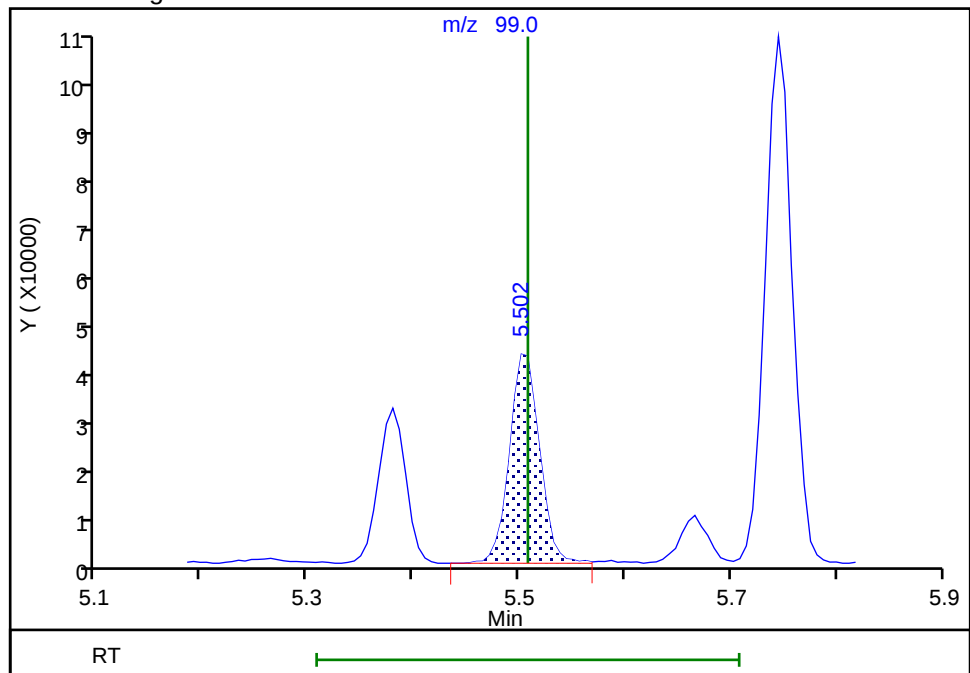
RT: 5.50

Area: 78682

Amount: 211.2425

Amount Units: ug/l

Manual Integration Results



Reviewer: starzecm, 13-May-2020 17:19:58

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19007.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 13-May-2020 17:15:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0110045-009
 Operator ID: Instrument ID: CVOAMS11
 Sublist: chrom-8260W_11*sub8
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\8260W_11.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 14-May-2020 08:44:33 Calib Date: 13-May-2020 17:15:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19007.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0305

First Level Reviewer: starzecm

Date: 13-May-2020 17:36:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	51	1.347	1.341	0.006	95	1591598	NC	NC	
4 Chlorotrifluoroethene	116	1.347	1.347	0.000	84	548941	NC	NC	a
5 Dichlorodifluoromethane	87	1.377	1.371	0.006	99	627659	500.0	520.4	
6 Chlorodifluoromethane	51	1.395	1.395	0.000	97	1836016	NC	NC	
7 Chloromethane	52	1.535	1.535	0.000	99	965298	500.0	448.8	
9 Butadiene	54	1.620	1.614	0.006	96	2279520	500.0	522.8	
8 Vinyl chloride	62	1.620	1.620	0.000	98	2661655	500.0	493.4	
10 Bromomethane	94	1.882	1.876	0.006	99	1188759	500.0	329.0	
11 Chloroethane	64	1.943	1.943	0.000	100	1428322	500.0	522.4	
12 Dichlorofluoromethane	67	2.113	2.113	0.000	99	3239627	NC	NC	
13 Trichlorofluoromethane	101	2.119	2.113	0.006	98	2351561	500.0	554.3	
14 Pentane	72	2.144	2.138	0.006	97	443555	1000.0	937.0	
15 Ethanol	46	2.320	2.320	0.000	89	332983	20000	18329	a
16 Ethyl ether	74	2.320	2.320	0.000	96	883549	500.0	480.8	
17 2-Methyl-1,3-butadiene	53	2.344	2.338	0.006	98	1334424	500.0	542.8	
18 1,2-Dichloro-1,1,2-trifluoroethane	117	2.381	2.381	0.000	85	1226942	NC	NC	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	2.430	2.430	0.000	92	2004724	NC	NC	a
20 Acrolein	56	2.484	2.484	0.000	95	174192	400.0	364.4	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.496	2.496	0.000	95	1236823	500.0	502.6	
22 1,1-Dichloroethene	96	2.527	2.521	0.006	97	1313763	500.0	504.3	
23 Acetone	58	2.600	2.600	0.000	86	981545	2500.0	2548.5	
24 Iodomethane	142	2.667	2.667	0.000	98	2746994	500.0	502.9	
25 Isopropyl alcohol	45	2.679	2.679	0.000	100	998468	5000.0	5050.2	a
26 Carbon disulfide	76	2.703	2.697	0.006	100	5289684	500.0	527.1	
27 3-Chloro-1-propene	76	2.819	2.819	0.000	94	915406	500.0	525.7	
28 Methyl acetate	74	2.825	2.831	-0.006	99	561561	1000.0	899.2	
29 Cyclopentene	67	2.837	2.837	0.000	94	3502271	NC	NC	
30 Acetonitrile	41	2.880	2.880	0.000	99	1985257	5000.0	5098.4	
* 31 TBA-d9 (IS)	66	2.934	2.934	0.000	47	55771	1000.0	1000.0	
32 Methylene Chloride	84	2.947	2.941	0.006	96	1677768	500.0	472.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 2-Methyl-2-propanol	59	3.007	2.995	0.012	99	1486528	5000.0	4510.3	
34 Methyl tert-butyl ether	73	3.099	3.099	0.000	97	3983899	500.0	495.7	
35 trans-1,2-Dichloroethene	96	3.117	3.117	0.000	97	1463517	500.0	498.3	
36 Acrylonitrile	53	3.190	3.190	0.000	94	7171932	5000.0	4700.2	
37 Hexane	56	3.263	3.263	0.000	93	629466	500.0	439.8	
38 Isopropyl ether	45	3.476	3.470	0.006	96	5257961	500.0	498.7	
39 1,1-Dichloroethane	63	3.500	3.500	0.000	99	2836035	500.0	536.5	
40 Vinyl acetate	86	3.512	3.512	0.000	100	665638	1000.0	1051.4	
41 2-Chloro-1,3-butadiene	88	3.543	3.543	0.000	92	1290356	NC	NC	
42 Tert-butyl ethyl ether	59	3.780	3.780	0.000	88	4219148	NC	NC	
* 43 2-Butanone-d5	46	3.969	3.963	0.006	88	454316	250.0	250.0	
44 2,2-Dichloropropane	79	3.987	3.981	0.006	94	665861	500.0	522.2	
45 cis-1,2-Dichloroethene	96	4.005	4.005	0.000	95	1701723	500.0	522.4	
46 2-Butanone (MEK)	72	4.017	4.017	0.000	97	1090960	2500.0	2516.1	
47 Ethyl acetate	70	4.023	4.017	0.006	96	383142	1000.0	978.0	
48 Methyl acrylate	55	4.072	4.072	0.000	99	1459733	NC	NC	
49 Propionitrile	54	4.151	4.145	0.006	98	2584654	NC	NC	
50 Tetrahydrofuran	72	4.218	4.218	0.000	84	456567	1000.0	1012.3	
51 Chlorobromomethane	128	4.224	4.224	0.000	90	858533	500.0	519.1	
52 Methacrylonitrile	67	4.255	4.249	0.006	94	8100468	NC	NC	
53 Chloroform	83	4.273	4.273	0.000	98	2703520	500.0	526.8	
54 Cyclohexane	84	4.407	4.401	0.006	94	1926441	500.0	527.8	
55 1,1,1-Trichloroethane	97	4.419	4.413	0.006	99	2157355	500.0	547.5	
\$ 56 Dibromofluoromethane (Surr)	113	4.425	4.425	0.000	97	155395	50.0	51.6	
57 Carbon tetrachloride	117	4.534	4.528	0.006	97	1684100	500.0	554.1	
58 1,1-Dichloropropene	75	4.559	4.559	0.000	95	1822837	500.0	518.7	
59 Isobutyl alcohol	43	4.687	4.680	0.007	95	2061876	NC	NC	
60 Isooctane	57	4.735	4.723	0.012	97	2600025	NC	NC	
61 Benzene	78	4.753	4.753	0.000	97	6236248	500.0	497.4	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.766	4.766	0.000	63	203078	50.0	55.6	
64 Isopropyl acetate	43	4.814	4.814	0.000	95	5153841	500.0	539.6	
63 Tert-amyl methyl ether	73	4.820	4.814	0.006	91	4265990	NC	NC	
65 1,2-Dichloroethane	62	4.845	4.839	0.006	97	2058339	500.0	507.7	
66 n-Heptane	57	4.906	4.899	0.007	96	526408	500.0	458.0	
* 67 Fluorobenzene	96	5.033	5.033	0.000	98	660754	50.0	50.0	
68 n-Butanol	56	5.331	5.331	0.000	91	1063091	12500	14328	
69 Trichloroethene	95	5.380	5.380	0.000	98	1438785	500.0	518.2	
71 Methylcyclohexane	83	5.508	5.502	0.006	69	1811770	500.0	531.1	
70 Ethyl acrylate	99	5.508	5.508	0.000	96	215526	500.0	488.6	a
72 1,2-Dichloropropane	63	5.666	5.660	0.006	90	1550958	500.0	510.6	
* 73 1,4-Dioxane-d8	96	5.721	5.721	0.000	62	32636	1000.0	1000.0	
74 Methyl methacrylate	100	5.745	5.745	0.000	91	817951	1000.0	1093.4	
75 1,4-Dioxane	88	5.776	5.776	0.000	88	356700	10000	11413	
76 Dibromomethane	93	5.794	5.788	0.006	96	1006532	500.0	521.5	
77 n-Propyl acetate	43	5.800	5.800	0.000	100	2546273	500.0	549.9	
78 Dichlorobromomethane	83	5.940	5.940	0.000	99	1906294	500.0	550.4	
79 2-Nitropropane	41	6.274	6.274	0.000	85	836247	NC	NC	
80 2-Chloroethyl vinyl ether	63	6.280	6.274	0.006	91	1060397	501.2	554.5	
81 Epichlorohydrin	57	6.384	6.378	0.006	100	3616339	10000	10945	
82 cis-1,3-Dichloropropene	75	6.439	6.433	0.006	95	2475760	500.0	537.5	
83 4-Methyl-2-pentanone (MIBK)	43	6.603	6.597	0.006	98	9675300	2500.0	2736.1	
\$ 84 Toluene-d8 (Surr)	98	6.676	6.676	0.000	98	581687	50.0	48.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Toluene	91	6.755	6.749	0.006	93	6440373	500.0	507.1	
86 trans-1,3-Dichloropropene	75	7.102	7.102	0.000	98	2275329	500.0	563.5	
87 Ethyl methacrylate	69	7.138	7.132	0.006	91	2075170	NC	NC	
88 1,1,2-Trichloroethane	83	7.309	7.309	0.000	96	1184189	500.0	482.8	
89 Tetrachloroethene	166	7.351	7.345	0.006	96	1414939	500.0	492.3	
90 1,3-Dichloropropane	76	7.521	7.515	0.006	95	2257700	500.0	495.1	
91 2-Hexanone	58	7.588	7.588	0.000	98	3245727	2500.0	2756.1	
92 n-Butyl acetate	43	7.704	7.704	0.000	98	2620496	500.0	530.6	
93 Chlorodibromomethane	129	7.747	7.741	0.007	98	1434141	500.0	568.5	
94 Ethylene Dibromide	107	7.893	7.893	0.000	98	1392479	500.0	516.2	
* 95 Chlorobenzene-d5	117	8.440	8.440	0.000	88	503784	50.0	50.0	
96 Chlorobenzene	112	8.477	8.471	0.006	94	3972876	500.0	502.2	
97 Ethylbenzene	106	8.586	8.580	0.006	99	2182997	500.0	520.9	
98 1,1,1,2-Tetrachloroethane	131	8.598	8.592	0.006	95	1532894	500.0	559.1	
99 m-Xylene & p-Xylene	106	8.744	8.738	0.006	99	2568833	500.0	508.2	
101 n-Butyl acrylate	73	9.249	9.255	-0.006	95	1304863	500.0	603.9	
100 o-Xylene	106	9.255	9.255	0.000	92	2840751	500.0	539.4	
102 Styrene	104	9.292	9.286	0.006	94	4705677	500.0	568.4	
104 Bromoform	173	9.529	9.529	0.000	95	1060075	500.0	626.2	
103 Amyl acetate (mixed isomers)	43	9.529	9.529	0.000	88	3159189	500.0	565.9	
105 Isopropylbenzene	105	9.681	9.681	0.000	96	6771827	500.0	548.1	
\$ 106 4-Bromofluorobenzene	174	9.900	9.900	0.000	92	189848	50.0	50.3	
107 Bromobenzene	156	10.046	10.046	0.000	97	1838491	500.0	507.4	
108 1,1,2,2-Tetrachloroethane	83	10.107	10.107	0.000	98	2066881	500.0	508.6	
109 N-Propylbenzene	91	10.137	10.131	0.006	99	7801722	500.0	531.3	
110 1,2,3-Trichloropropane	110	10.156	10.156	0.000	98	555007	500.0	473.7	
111 trans-1,4-Dichloro-2-butene	53	10.180	10.180	0.000	91	571305	NC	NC	a
112 2-Chlorotoluene	91	10.241	10.241	0.000	97	5860279	500.0	540.2	
113 4-Ethyltoluene	105	10.259	10.259	0.000	98	6435637	NC	NC	
114 1,3,5-Trimethylbenzene	105	10.332	10.332	0.000	92	5917742	500.0	556.5	
115 4-Chlorotoluene	91	10.369	10.363	0.006	98	5160522	500.0	525.7	
116 Butyl Methacrylate	87	10.448	10.448	0.000	94	2227102	500.0	487.3	
117 tert-Butylbenzene	119	10.636	10.636	0.000	93	4467240	500.0	560.7	
118 1,2,4-Trimethylbenzene	105	10.703	10.703	0.000	98	6338777	500.0	553.4	
119 sec-Butylbenzene	105	10.849	10.849	0.000	99	6299325	500.0	558.5	
120 1,3-Dichlorobenzene	146	10.983	10.977	0.006	95	3564307	500.0	542.0	
121 4-Isopropyltoluene	119	10.989	10.989	0.000	97	5703278	500.0	571.8	
* 122 1,4-Dichlorobenzene-d4	152	11.050	11.050	0.000	95	284960	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.074	11.068	0.006	95	3585214	500.0	522.2	
124 1,2,3-Trimethylbenzene	105	11.099	11.099	0.000	99	6980648	500.0	564.5	
125 Benzyl chloride	126	11.214	11.214	0.000	98	787655	500.0	636.8	
126 2,3-Dihydroindene	117	11.275	11.269	0.006	94	6706526	NC	NC	
127 p-Diethylbenzene	119	11.336	11.336	0.000	92	2778448	NC	NC	
128 n-Butylbenzene	92	11.360	11.360	0.000	97	2584729	500.0	538.5	
129 1,2-Dichlorobenzene	146	11.409	11.409	0.000	95	3756455	500.0	528.5	
130 1,2,4,5-Tetramethylbenzene	119	12.005	12.005	0.000	97	6039209	NC	NC	
131 1,2-Dibromo-3-Chloropropane	157	12.084	12.090	-0.006	95	504367	500.0	575.5	
132 1,3,5-Trichlorobenzene	180	12.200	12.200	0.000	97	2495311	NC	NC	
133 1,2,4-Trichlorobenzene	180	12.699	12.699	0.000	94	2559545	500.0	515.5	
134 Hexachlorobutadiene	225	12.784	12.784	0.000	96	665771	500.0	511.9	
135 Naphthalene	128	12.893	12.887	0.006	99	7652282	500.0	537.3	
136 1,2,3-Trichlorobenzene	180	13.070	13.070	0.000	95	2373385	500.0	504.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 1,2-Dichloroethene, Total	100				0		1000.0	1020.6	
S 138 Xylenes, Total	100				0		1000.0	1047.6	
S 139 Total BTEX	1				0		2500.0	2573.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

GAS Hi_00360	Amount Added: 50.00	Units: uL	
8FreonHi_00018	Amount Added: 50.00	Units: uL	
MIX I Hi_00125	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00098	Amount Added: 50.00	Units: uL	
Ethanol mix_00040	Amount Added: 50.00	Units: uL	
ACROLEIN W_00106	Amount Added: 40.00	Units: uL	
8260SURR250_00207	Amount Added: 1.00	Units: uL	Run Reagent
8260ISNEW_00139	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19007.D

Injection Date: 13-May-2020 17:15:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: STD500

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

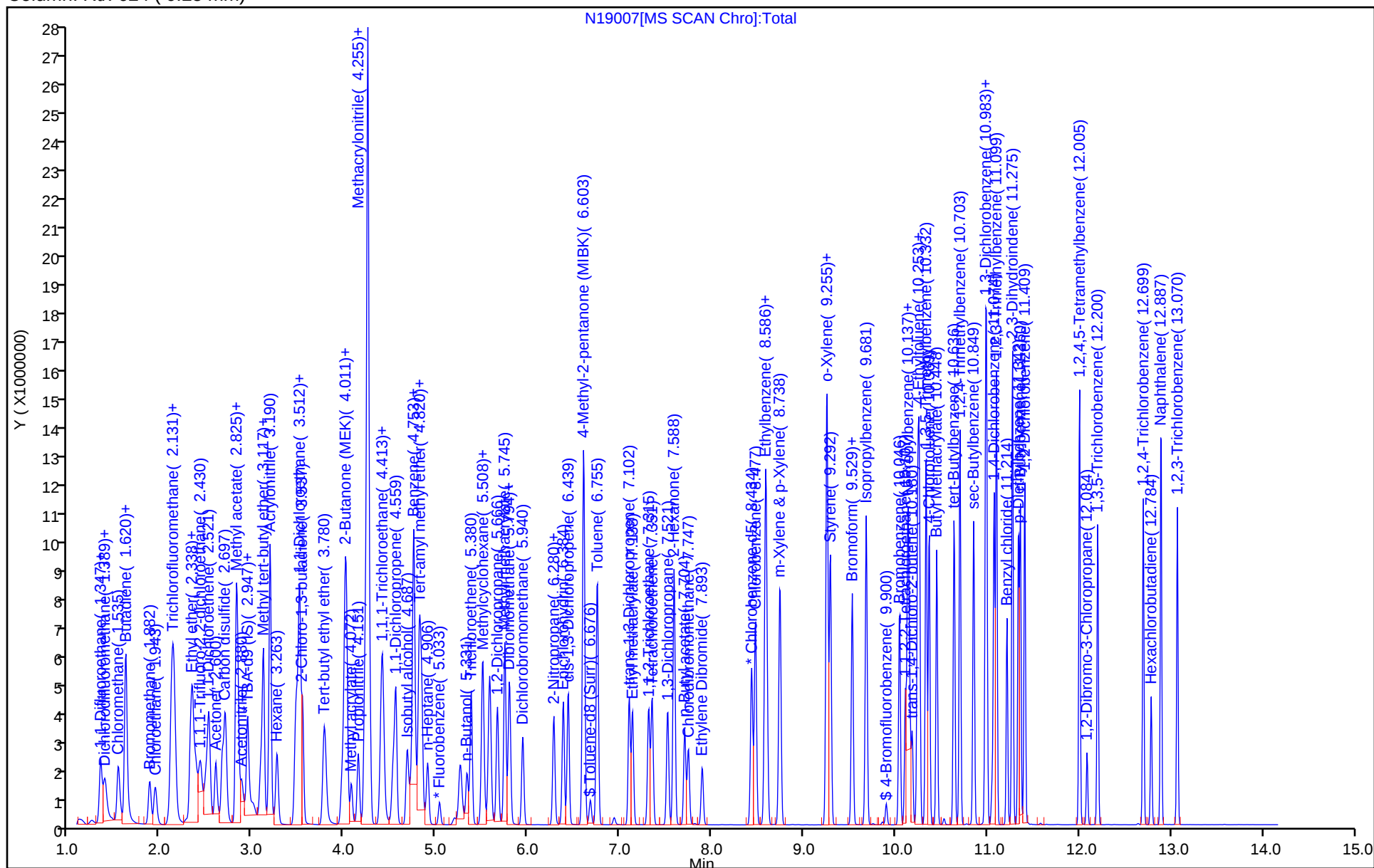
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260W_11

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19007.D
Injection Date: 13-May-2020 17:15:30 Instrument ID: CVOAMS11
Lims ID: STD500
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_11
Column: Rtx-624 (0.25 mm)

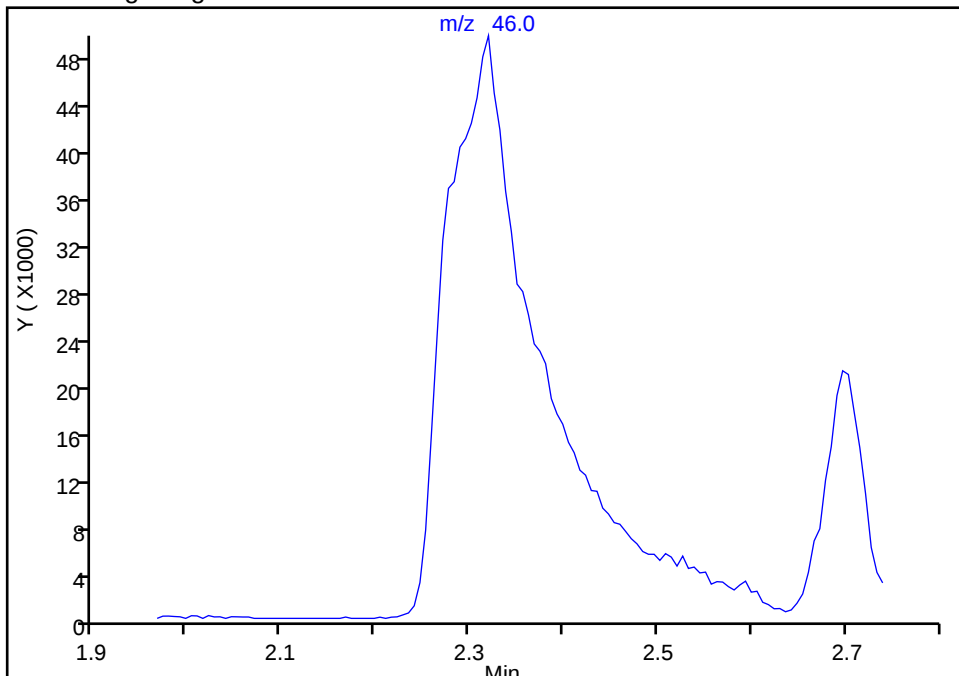
ALS Bottle#: 8 Worklist Smp#: 9
Dil. Factor: 1.0000
Limit Group: VOA 624.1 ICAL
Detector: MS SCAN

15 Ethanol, CAS: 64-17-5

Signal: 1

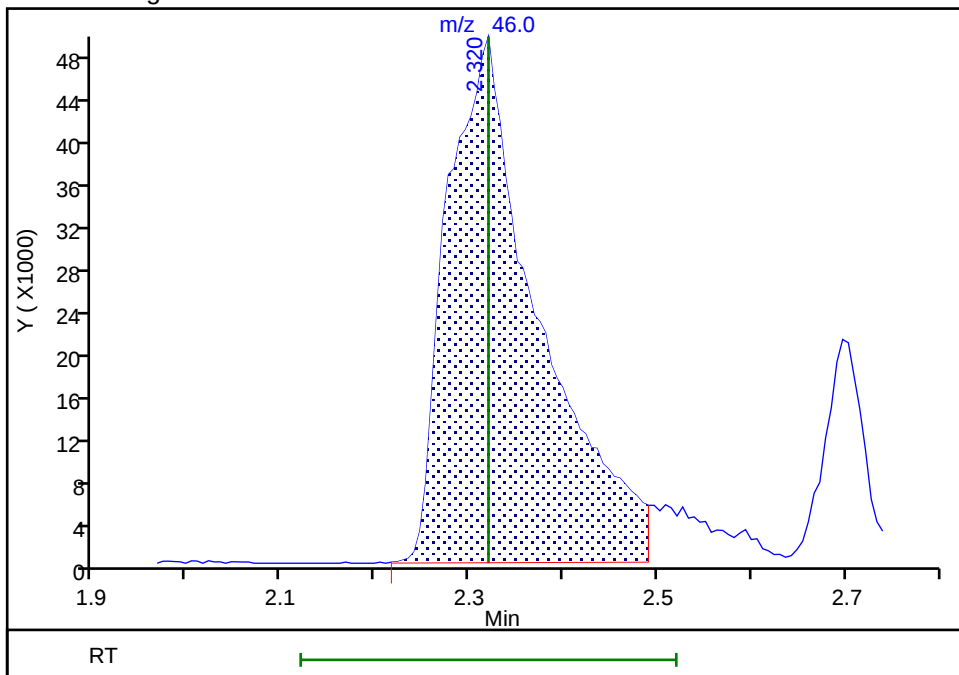
Not Detected
Expected RT: 2.32

Processing Integration Results



RT: 2.32
Area: 332983
Amount: 18329
Amount Units: ug/l

Manual Integration Results



Reviewer: starzecm, 13-May-2020 17:35:13

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19007.D
Injection Date: 13-May-2020 17:15:30 Instrument ID: CVOAMS11
Lims ID: STD500
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_11
Column: Rtx-624 (0.25 mm)

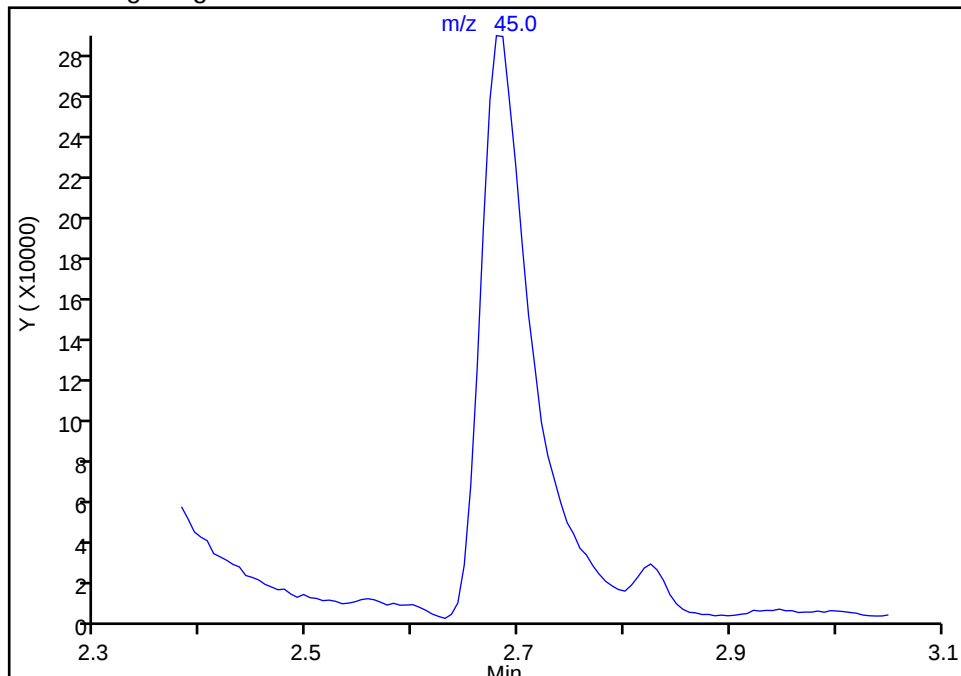
ALS Bottle#: 8 Worklist Smp#: 9
Dil. Factor: 1.0000
Limit Group: VOA 624.1 ICAL
Detector: MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

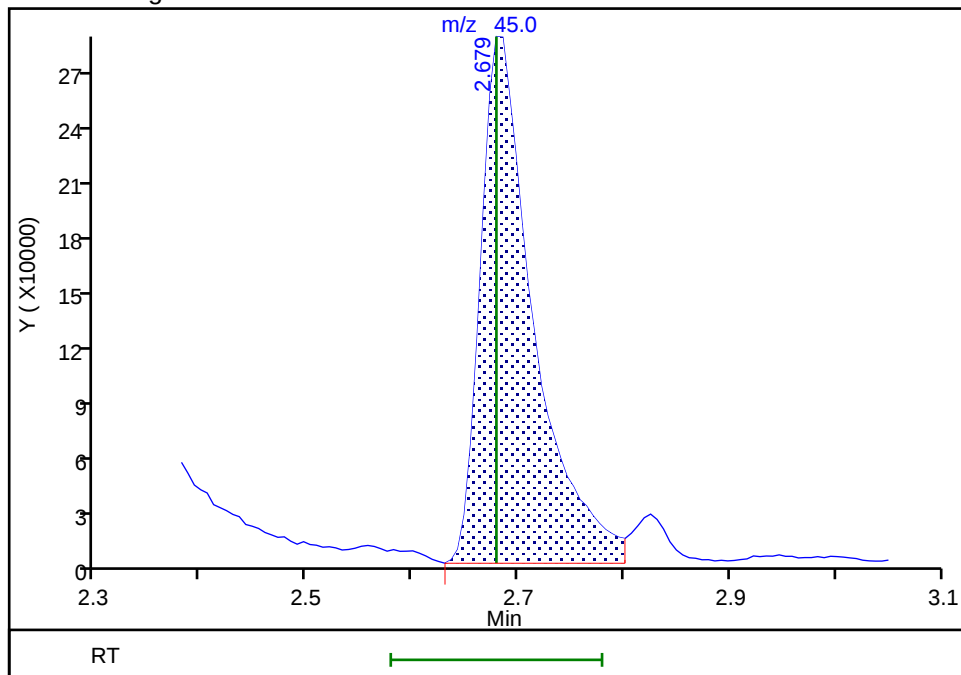
Not Detected
Expected RT: 2.68

Processing Integration Results



RT: 2.68
Area: 998468
Amount: 5050.2416
Amount Units: ug/l

Manual Integration Results



Reviewer: starzecm, 13-May-2020 17:35:18

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19007.D
Injection Date: 13-May-2020 17:15:30 Instrument ID: CVOAMS11
Lims ID: STD500
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_11
Column: Rtx-624 (0.25 mm)

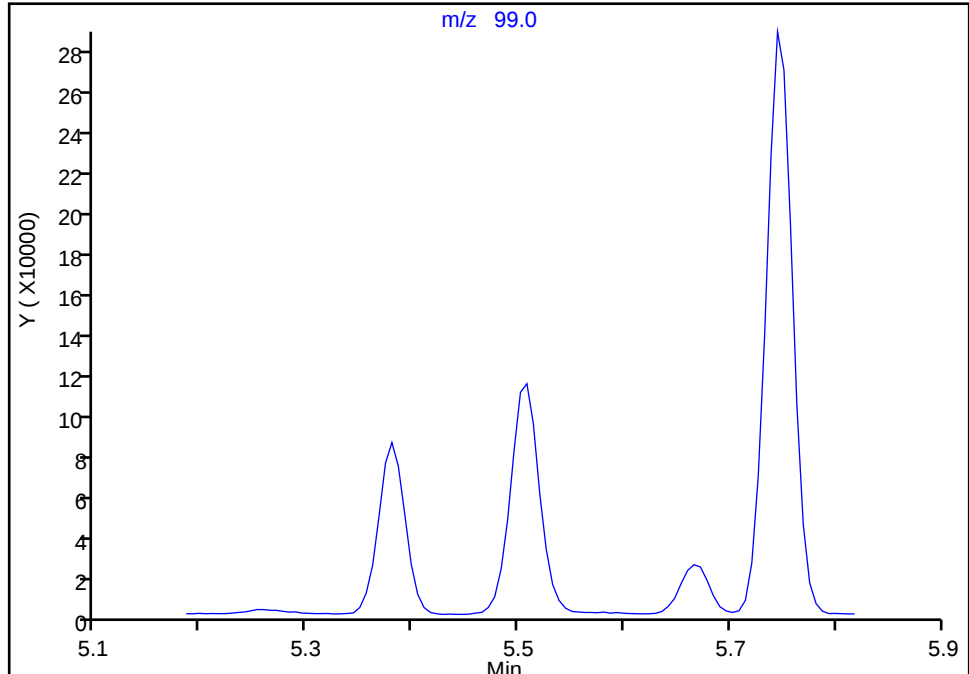
ALS Bottle#: 8 Worklist Smp#: 9
Dil. Factor: 1.0000
Limit Group: VOA 624.1 ICAL
Detector: MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

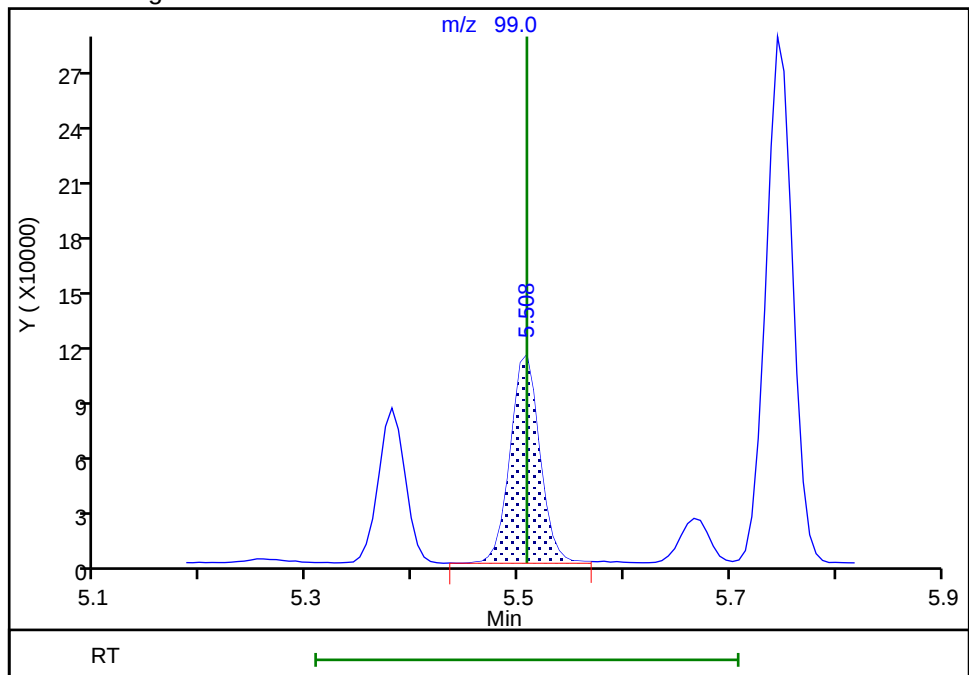
Not Detected
Expected RT: 5.51

Processing Integration Results



RT: 5.51
Area: 215526
Amount: 488.5936
Amount Units: ug/l

Manual Integration Results



Reviewer: starzecm, 13-May-2020 17:34:25
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected
Page 130 of 182

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-700829/3 Calibration Date: 06/12/2020 06:49
 Instrument ID: CVOAMS11 Calib Start Date: 05/13/2020 14:57
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 05/13/2020 17:15
 Lab File ID: N20239.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Dichlorodifluoromethane	Ave	0.0913	0.0962		21.1	20.0	105	60-140
Chloromethane	Ave	1.184	0.8172		13.8	20.0	69	0.1-205
Vinyl chloride	Ave	0.4082	0.3110		15.2	20.0	76	5-195
Butadiene	Ave	0.3299	0.2631		16.0	20.0	80	60-140
Bromomethane	Ave	0.2734	0.1898		13.9	20.0	69	15-185
Ethyl Chloride	Ave	0.2069	0.2168		21.0	20.0	105	40-160
Trichlorofluoromethane	Ave	0.3210	0.3073		19.1	20.0	96	50-150
Pentane	Ave	8.488	8.004		37.7	40.0	94	60-140
Ethanol	Ave	0.3257	0.3276		805	800	101	60-140
Ethyl ether	Ave	0.1391	0.1425		20.5	20.0	102	60-140
2-Methyl-1,3-butadiene	Ave	0.1860	0.2003		21.5	20.0	108	60-140
Acrolein	Ave	8.570	4.044		18.9	40.0	47	10-150
Freon TF	Ave	0.1862	0.1862		20.0	20.0	100	60-140
1,1-Dichloroethene	Ave	0.1972	0.1905		19.3	20.0	97	50-150
Acetone	Ave	0.2119	0.1967		92.8	100	93	60-140
Iodomethane	Ave	0.4134	0.3763		18.2	20.0	91	60-140
Isopropyl alcohol	Ave	3.545	3.718		210	200	105	60-140
Carbon disulfide	Ave	0.7594	0.8021		21.1	20.0	106	60-140
3-Chloro-1-propene	Ave	0.1318	0.1360		20.6	20.0	103	60-140
Methyl acetate	Ave	11.20	10.04		35.9	40.0	90	60-140
Acetonitrile	Qua2		9.410		209	200	104	60-140
Methylene Chloride	Ave	0.2687	0.2750		20.5	20.0	102	60-140
2-Methyl-2-propanol	Ave	5.910	5.378		182	200	91	60-140
MTBE	Ave	0.6081	0.6309		20.7	20.0	104	60-140
trans-1,2-Dichloroethene	Ave	0.2223	0.2267		20.4	20.0	102	70-130
Acrylonitrile	Ave	27.36	27.74		203	200	101	60-140
Hexane	Ave	0.1083	0.1246		23.0	20.0	115	60-140
Isopropyl ether	Ave	0.7979	0.8784		22.0	20.0	110	60-140
1,1-Dichloroethane	Ave	0.4000	0.4486		22.4	20.0	112	70-130
Vinyl acetate	Ave	0.3484	0.2974		34.1	40.0	85	60-140
2,2-Dichloropropane	Ave	0.0965	0.0942		19.5	20.0	98	60-140
cis-1,2-Dichloroethene	Ave	0.2465	0.2464		20.0	20.0	100	60-140
2-Butanone	Ave	0.2386	0.2103		88.1	100	88	60-140
Ethyl acetate	Ave	0.2156	0.1935		35.9	40.0	90	60-140
Tetrahydrofuran	Lin2		0.2342		36.9	40.0	92	60-140
Chlorobromomethane	Ave	0.1252	0.1193		19.1	20.0	95	60-140
Chloroform	Ave	0.3883	0.3943		20.3	20.0	102	70-135
Cyclohexane	Ave	0.2762	0.2909		21.1	20.0	105	60-140
1,1,1-Trichloroethane	Ave	0.2982	0.2890		19.4	20.0	97	70-130
Carbon tetrachloride	Ave	0.2300	0.2147		18.7	20.0	93	70-130
1,1-Dichloropropene	Ave	0.2659	0.2762		20.8	20.0	104	60-140

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-700829/3 Calibration Date: 06/12/2020 06:49
 Instrument ID: CVOAMS11 Calib Start Date: 05/13/2020 14:57
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 05/13/2020 17:15
 Lab File ID: N20239.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Benzene	Ave	1.244	1.359		21.8	20.0	109	65-135
Isopropyl acetate	Ave	0.7227	0.7459		20.6	20.0	103	60-140
1,2-Dichloroethane	Ave	0.3068	0.3107		20.3	20.0	101	70-130
n-Heptane	Ave	0.0870	0.1174		27.0	20.0	135	60-140
n-Butanol	Ave	1.330	1.371		515	500	103	60-140
Trichloroethene	Ave	0.2101	0.2037		19.4	20.0	97	65-135
Ethyl acrylate	Qua2		0.0279		19.9	20.0	100	60-140
Methylcyclohexane	Ave	0.2581	0.2743		21.2	20.0	106	60-140
1,2-Dichloropropane	Ave	0.2299	0.2596		22.6	20.0	113	35-165
Methyl methacrylate	Ave	0.0566	0.0519		36.7	40.0	92	60-140
1,4-Dioxane	Ave	0.9577	1.083		452	400	113	60-140
Dibromomethane	Ave	0.1460	0.1443		19.8	20.0	99	60-140
n-Propyl acetate	Ave	0.3504	0.3910		22.3	20.0	112	60-140
Bromodichloromethane	Ave	0.2621	0.2602		19.9	20.0	99	65-135
2-Chloroethyl vinyl ether	Ave	0.1447	0.1408		19.5	20.0	97	0.1-225
Epichlorohydrin	Ave	0.1818	0.1869		411	400	103	60-140
cis-1,3-Dichloropropene	Ave	0.4571	0.4996		21.9	20.0	109	25-175
4-Methyl-2-pentanone	Ave	1.946	1.847		94.9	100	95	60-140
Toluene	Ave	1.260	1.272		20.2	20.0	101	70-130
trans-1,3-Dichloropropene	Ave	0.4007	0.4116		20.5	20.0	103	50-150
1,1,2-Trichloroethane	Ave	0.2435	0.2578		21.2	20.0	106	70-130
Tetrachloroethene	Ave	0.2853	0.2527		17.7	20.0	89	70-130
1,3-Dichloropropane	Ave	0.4526	0.4985		22.0	20.0	110	60-140
2-Hexanone	Ave	0.6480	0.5803		89.6	100	90	60-140
n-Butyl acetate	Ave	0.4902	0.5214		21.3	20.0	106	60-140
Dibromochloromethane	Ave	0.2504	0.2372		18.9	20.0	95	70-135
1,2-Dibromoethane	Ave	0.2677	0.2719		20.3	20.0	102	60-140
Chlorobenzene	Ave	0.7852	0.7848		20.0	20.0	100	65-135
Ethylbenzene	Ave	0.4160	0.3913		18.8	20.0	94	60-140
1,1,1,2-Tetrachloroethane	Ave	0.2721	0.2619		19.2	20.0	96	60-140
m-Xylene & p-Xylene	Ave	0.5017	0.4749		18.9	20.0	95	60-140
n-Butyl acrylate	Ave	0.2144	0.1994		18.6	20.0	93	60-140
o-Xylene	Ave	0.5227	0.4972		19.0	20.0	95	60-140
Styrene	Ave	0.8217	0.8056		19.6	20.0	98	60-140
Bromoform	Ave	0.2971	0.2729		18.4	20.0	92	70-130
Amyl acetate (mixed isomers)	Ave	0.9795	1.041		21.3	20.0	106	60-140
Isopropylbenzene	Ave	1.226	1.217		19.9	20.0	99	60-140
Bromobenzene	Ave	0.6357	0.6040		19.0	20.0	95	60-140
1,1,2,2-Tetrachloroethane	Ave	0.7131	0.8214		23.0	20.0	115	60-140
N-Propylbenzene	Ave	2.576	2.761		21.4	20.0	107	60-140
1,2,3-Trichloropropane	Ave	0.2056	0.2102		20.4	20.0	102	60-140

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-700829/3 Calibration Date: 06/12/2020 06:49
 Instrument ID: CVOAMS11 Calib Start Date: 05/13/2020 14:57
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 05/13/2020 17:15
 Lab File ID: N20239.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
2-Chlorotoluene	Ave	1.903	2.110		22.2	20.0	111	60-140
1,3,5-Trimethylbenzene	Ave	1.866	2.026		21.7	20.0	109	60-140
4-Chlorotoluene	Ave	1.722	1.953		22.7	20.0	113	60-140
Butyl Methacrylate	Qua2		0.5942		19.6	20.0	98	60-140
tert-Butylbenzene	Ave	1.398	1.433		20.5	20.0	103	60-140
1,2,4-Trimethylbenzene	Ave	2.010	2.108		21.0	20.0	105	60-140
sec-Butylbenzene	Ave	1.979	2.175		22.0	20.0	110	60-140
1,3-Dichlorobenzene	Ave	1.154	1.161		20.1	20.0	101	70-130
4-Isopropyltoluene	Ave	1.750	1.853		21.2	20.0	106	60-140
1,4-Dichlorobenzene	Ave	1.205	1.182		19.6	20.0	98	65-135
1,2,3-Trimethylbenzene	Ave	2.170	2.333		21.5	20.0	108	60-140
Benzyl chloride	Ave	0.2170	0.2089		19.3	20.0	96	60-140
n-Butylbenzene	Ave	0.8422	1.006		23.9	20.0	119	60-140
1,2-Dichlorobenzene	Ave	1.247	1.243		19.9	20.0	100	65-135
1,2-Dibromo-3-Chloropropane	Ave	0.1538	0.1428		18.6	20.0	93	60-140
1,2,4-Trichlorobenzene	Ave	0.8712	0.8545		19.6	20.0	98	60-140
Hexachlorobutadiene	Ave	0.2282	0.2145		18.8	20.0	94	60-140
Naphthalene	Ave	2.499	2.318		18.5	20.0	93	60-140
1,2,3-Trichlorobenzene	Ave	0.8262	0.8047		19.5	20.0	97	60-140
Dibromofluoromethane (Surr)	Ave	0.2279	0.2239		49.1	50.0	-1.8	
1,2-Dichloroethane-d4 (Surr)	Ave	0.2763	0.2792		50.5	50.0	1.1	
Toluene-d8 (Surr)	Ave	1.200	1.272		53.0	50.0	6.0	
Bromofluorobenzene	Ave	0.3745	0.3390		45.3	50.0	-9.5	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\N20239.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 12-Jun-2020 06:49:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0111517-003
 Operator ID: Instrument ID: CVOAMS11
 Sublist: chrom-8260W_11*sub7
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\8260W_11.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 14-Jun-2020 11:46:22 Calib Date: 13-May-2020 17:15:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19007.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1045

First Level Reviewer: moroneyc

Date: 12-Jun-2020 07:08:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	87	1.359	1.359	0.000	99	24414	20.0	21.1	
7 Chloromethane	52	1.529	1.529	0.000	99	31470	20.0	13.8	
8 Vinyl chloride	62	1.608	1.608	0.000	86	78891	20.0	15.2	
9 Butadiene	54	1.614	1.614	0.000	99	66748	20.0	16.0	
10 Bromomethane	94	1.876	1.876	0.000	99	48148	20.0	13.9	
11 Chloroethane	64	1.937	1.937	0.000	99	54983	20.0	21.0	
12 Dichlorofluoromethane	67	2.113	2.113	0.000	98	128299	NC	NC	
13 Trichlorofluoromethane	101	2.113	2.113	0.000	57	77965	20.0	19.1	
14 Pentane	72	2.137	2.137	0.000	96	18334	40.0	37.7	
15 Ethanol	46	2.314	2.314	0.000	73	15008	800.0	804.6	M
16 Ethyl ether	74	2.320	2.320	0.000	93	36141	20.0	20.5	
17 2-Methyl-1,3-butadiene	53	2.338	2.338	0.000	98	50816	20.0	21.5	
20 Acrolein	56	2.472	2.472	0.000	94	9264	40.0	18.9	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.496	2.496	0.000	93	47238	20.0	20.0	
22 1,1-Dichloroethene	96	2.515	2.515	0.000	95	48333	20.0	19.3	
23 Acetone	58	2.594	2.594	0.000	87	37865	100.0	92.8	
24 Iodomethane	142	2.661	2.661	0.000	99	95466	20.0	18.2	
25 Isopropyl alcohol	45	2.679	2.679	0.000	98	42587	200.0	209.8	
26 Carbon disulfide	76	2.691	2.691	0.000	99	203481	20.0	21.1	
27 3-Chloro-1-propene	76	2.819	2.819	0.000	97	34505	20.0	20.6	
28 Methyl acetate	74	2.825	2.825	0.000	100	23003	40.0	35.9	
29 Cyclopentene	67	2.831	2.831	0.000	94	135858	NC	NC	
30 Acetonitrile	41	2.880	2.880	0.000	98	107773	200.0	208.8	
* 31 TBA-d9 (IS)	66	2.934	2.934	0.000	92	57266	1000.0	1000.0	
32 Methylene Chloride	84	2.941	2.941	0.000	98	69755	20.0	20.5	
33 2-Methyl-2-propanol	59	2.989	2.989	0.000	98	61595	200.0	182.0	
34 Methyl tert-butyl ether	73	3.093	3.093	0.000	98	160046	20.0	20.7	
35 trans-1,2-Dichloroethene	96	3.111	3.111	0.000	98	57511	20.0	20.4	
36 Acrylonitrile	53	3.184	3.184	0.000	94	317681	200.0	202.8	
37 Hexane	56	3.263	3.263	0.000	95	31601	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
38 Isopropyl ether	45	3.470	3.470	0.000	97	222837	20.0	22.0	
39 1,1-Dichloroethane	63	3.500	3.500	0.000	100	113793	20.0	22.4	
40 Vinyl acetate	86	3.512	3.512	0.000	100	22905	40.0	34.1	
41 2-Chloro-1,3-butadiene	88	3.537	3.537	0.000	92	47622	NC	NC	
42 Tert-butyl ethyl ether	59	3.774	3.774	0.000	89	178970	NC	NC	
* 43 2-Butanone-d5	46	3.963	3.963	0.000	97	481349	250.0	250.0	
44 2,2-Dichloropropane	79	3.987	3.987	0.000	94	23905	20.0	19.5	a
45 cis-1,2-Dichloroethene	96	3.999	3.999	0.000	94	62508	20.0	20.0	
46 2-Butanone (MEK)	72	4.017	4.017	0.000	98	40489	100.0	88.1	
47 Ethyl acetate	70	4.017	4.017	0.000	96	14905	40.0	35.9	
48 Methyl acrylate	55	4.072	4.072	0.000	99	63715	NC	NC	
49 Propionitrile	54	4.145	4.145	0.000	98	121933	NC	NC	
50 Tetrahydrofuran	72	4.212	4.212	0.000	66	18038	40.0	36.9	
51 Chlorobromomethane	128	4.218	4.218	0.000	98	30265	20.0	19.1	
52 Methacrylonitrile	67	4.242	4.242	0.000	94	305150	NC	NC	
53 Chloroform	83	4.273	4.273	0.000	98	100030	20.0	20.3	
54 Cyclohexane	84	4.401	4.401	0.000	95	73804	20.0	21.1	
55 1,1,1-Trichloroethane	97	4.413	4.413	0.000	96	73299	20.0	19.4	
\$ 56 Dibromofluoromethane (Surr)	113	4.425	4.425	0.000	96	142004	50.0	49.1	
57 Carbon tetrachloride	117	4.528	4.528	0.000	98	54451	20.0	18.7	
58 1,1-Dichloropropene	75	4.553	4.553	0.000	96	70068	20.0	20.8	
59 Isobutyl alcohol	43	4.680	4.680	0.000	95	85340	NC	NC	
60 Isooctane	57	4.723	4.723	0.000	97	99242	NC	NC	
61 Benzene	78	4.747	4.747	0.000	97	238010	20.0	21.8	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.766	4.766	0.000	98	177054	50.0	50.5	
64 Isopropyl acetate	43	4.808	4.808	0.000	95	189221	20.0	20.6	
63 Tert-amyl methyl ether	73	4.820	4.820	0.000	90	167484	NC	NC	
65 1,2-Dichloroethane	62	4.839	4.839	0.000	94	78805	20.0	20.3	
66 n-Heptane	57	4.899	4.899	0.000	96	29770	20.0	27.0	
* 67 Fluorobenzene	96	5.033	5.033	0.000	98	634189	50.0	50.0	
68 n-Butanol	56	5.331	5.331	0.000	94	39257	500.0	515.3	
69 Trichloroethene	95	5.374	5.374	0.000	97	51670	20.0	19.4	
71 Methylcyclohexane	83	5.502	5.502	0.000	80	69578	20.0	21.2	
70 Ethyl acrylate	99	5.502	5.502	0.000	96	7067	20.0	19.9	
72 1,2-Dichloropropane	63	5.666	5.666	0.000	91	65847	20.0	22.6	
* 73 1,4-Dioxane-d8	96	5.715	5.715	0.000	78	40217	1000.0	1000.0	
74 Methyl methacrylate	100	5.739	5.739	0.000	95	26347	40.0	36.7	
75 1,4-Dioxane	88	5.769	5.769	0.000	89	17414	400.0	452.1	
76 Dibromomethane	93	5.788	5.788	0.000	95	36593	20.0	19.8	
77 n-Propyl acetate	43	5.800	5.800	0.000	99	99192	20.0	22.3	
78 Dichlorobromomethane	83	5.940	5.940	0.000	99	66015	20.0	19.9	
79 2-Nitropropane	41	6.268	6.268	0.000	82	27822	NC	NC	
80 2-Chloroethyl vinyl ether	63	6.274	6.274	0.000	74	35790	20.0	19.5	
81 Epichlorohydrin	57	6.378	6.378	0.000	100	143918	400.0	411.1	
82 cis-1,3-Dichloropropene	75	6.432	6.432	0.000	95	87522	20.0	21.9	
83 4-Methyl-2-pentanone (MIBK)	43	6.603	6.603	0.000	98	355593	100.0	94.9	
\$ 84 Toluene-d8 (Surr)	98	6.676	6.676	0.000	98	557080	50.0	53.0	
85 Toluene	91	6.749	6.749	0.000	93	222859	20.0	20.2	
86 trans-1,3-Dichloropropene	75	7.096	7.096	0.000	97	72095	20.0	20.5	
87 Ethyl methacrylate	69	7.132	7.132	0.000	92	64319	NC	NC	
88 1,1,2-Trichloroethane	83	7.309	7.309	0.000	96	45157	20.0	21.2	
89 Tetrachloroethene	166	7.345	7.345	0.000	95	44272	20.0	17.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 1,3-Dichloropropane	76	7.515	7.515	0.000	97	87319	20.0	22.0	
91 2-Hexanone	58	7.582	7.582	0.000	98	111738	100.0	89.6	
92 n-Butyl acetate	43	7.704	7.704	0.000	99	91337	20.0	21.3	
93 Chlorodibromomethane	129	7.740	7.740	0.000	97	41545	20.0	18.9	
94 Ethylene Dibromide	107	7.893	7.893	0.000	99	47633	20.0	20.3	
* 95 Chlorobenzene-d5	117	8.434	8.434	0.000	88	437936	50.0	50.0	
96 Chlorobenzene	112	8.470	8.470	0.000	92	137475	20.0	20.0	
97 Ethylbenzene	106	8.580	8.580	0.000	99	68538	20.0	18.8	
98 1,1,1,2-Tetrachloroethane	131	8.592	8.592	0.000	93	45882	20.0	19.2	
99 m-Xylene & p-Xylene	106	8.738	8.738	0.000	100	83184	20.0	18.9	
101 n-Butyl acrylate	73	9.249	9.249	0.000	64	34930	20.0	18.6	
100 o-Xylene	106	9.249	9.249	0.000	93	87091	20.0	19.0	
102 Styrene	104	9.286	9.286	0.000	93	141112	20.0	19.6	
104 Bromoform	173	9.523	9.523	0.000	94	25273	20.0	18.4	
103 Amyl acetate (mixed isomers)	43	9.529	9.529	0.000	89	96434	20.0	21.3	
105 Isopropylbenzene	105	9.681	9.681	0.000	96	213232	20.0	19.9	
\$ 106 4-Bromofluorobenzene	174	9.900	9.900	0.000	87	148456	50.0	45.3	
107 Bromobenzene	156	10.040	10.040	0.000	95	55927	20.0	19.0	
108 1,1,2,2-Tetrachloroethane	83	10.107	10.107	0.000	99	76060	20.0	23.0	
109 N-Propylbenzene	91	10.131	10.131	0.000	98	255685	20.0	21.4	
110 1,2,3-Trichloropropane	110	10.150	10.150	0.000	98	19463	20.0	20.4	
111 trans-1,4-Dichloro-2-butene	53	10.180	10.180	0.000	80	18302	NC	NC	a
112 2-Chlorotoluene	91	10.241	10.241	0.000	97	195397	20.0	22.2	
113 4-Ethyltoluene	105	10.253	10.253	0.000	98	215586	NC	NC	
114 1,3,5-Trimethylbenzene	105	10.332	10.332	0.000	92	187636	20.0	21.7	
115 4-Chlorotoluene	91	10.362	10.362	0.000	98	180859	20.0	22.7	
116 Butyl Methacrylate	87	10.448	10.448	0.000	95	55024	20.0	19.6	
117 tert-Butylbenzene	119	10.636	10.636	0.000	92	132718	20.0	20.5	
118 1,2,4-Trimethylbenzene	105	10.697	10.697	0.000	98	195217	20.0	21.0	
119 sec-Butylbenzene	105	10.849	10.849	0.000	99	201367	20.0	22.0	
120 1,3-Dichlorobenzene	146	10.977	10.977	0.000	93	107492	20.0	20.1	
121 4-Isopropyltoluene	119	10.989	10.989	0.000	97	171576	20.0	21.2	
* 122 1,4-Dichlorobenzene-d4	152	11.050	11.050	0.000	98	231507	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.068	11.068	0.000	95	109483	20.0	19.6	
124 1,2,3-Trimethylbenzene	105	11.099	11.099	0.000	99	216056	20.0	21.5	
125 Benzyl chloride	126	11.208	11.208	0.000	97	19344	20.0	19.3	
126 2,3-Dihydroindene	117	11.269	11.269	0.000	94	205984	NC	NC	
127 p-Diethylbenzene	119	11.336	11.336	0.000	94	93268	NC	NC	
128 n-Butylbenzene	92	11.354	11.354	0.000	96	93146	20.0	23.9	
129 1,2-Dichlorobenzene	146	11.403	11.403	0.000	93	115129	20.0	19.9	
130 1,2,4,5-Tetramethylbenzene	119	11.999	11.999	0.000	97	173493	NC	NC	
131 1,2-Dibromo-3-Chloropropane	157	12.084	12.084	0.000	91	13224	20.0	18.6	
132 1,3,5-Trichlorobenzene	180	12.200	12.200	0.000	97	85652	NC	NC	
133 1,2,4-Trichlorobenzene	180	12.699	12.699	0.000	94	79127	20.0	19.6	
134 Hexachlorobutadiene	225	12.784	12.784	0.000	94	19863	20.0	18.8	
135 Naphthalene	128	12.887	12.887	0.000	99	214619	20.0	18.5	
136 1,2,3-Trichlorobenzene	180	13.070	13.070	0.000	93	74521	20.0	19.5	
S 137 1,2-Dichloroethene, Total	100				0		40.0	40.4	
S 138 Xylenes, Total	100				0		40.0	38.0	
S 139 Total BTEX	1				0		100.0	98.8	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00371	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00119	Amount Added: 20.00	Units: uL	
ACROLEIN W_00107	Amount Added: 4.00	Units: uL	
8260SURRE250_00208	Amount Added: 1.00	Units: uL	Run Reagent
8260ISNEW_00139	Amount Added: 1.00	Units: uL	Run Reagent

Report Date: 14-Jun-2020 11:46:26

Chrom Revision: 2.3 10-Jun-2020 22:46:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\N20239.D

Injection Date: 12-Jun-2020 06:49:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

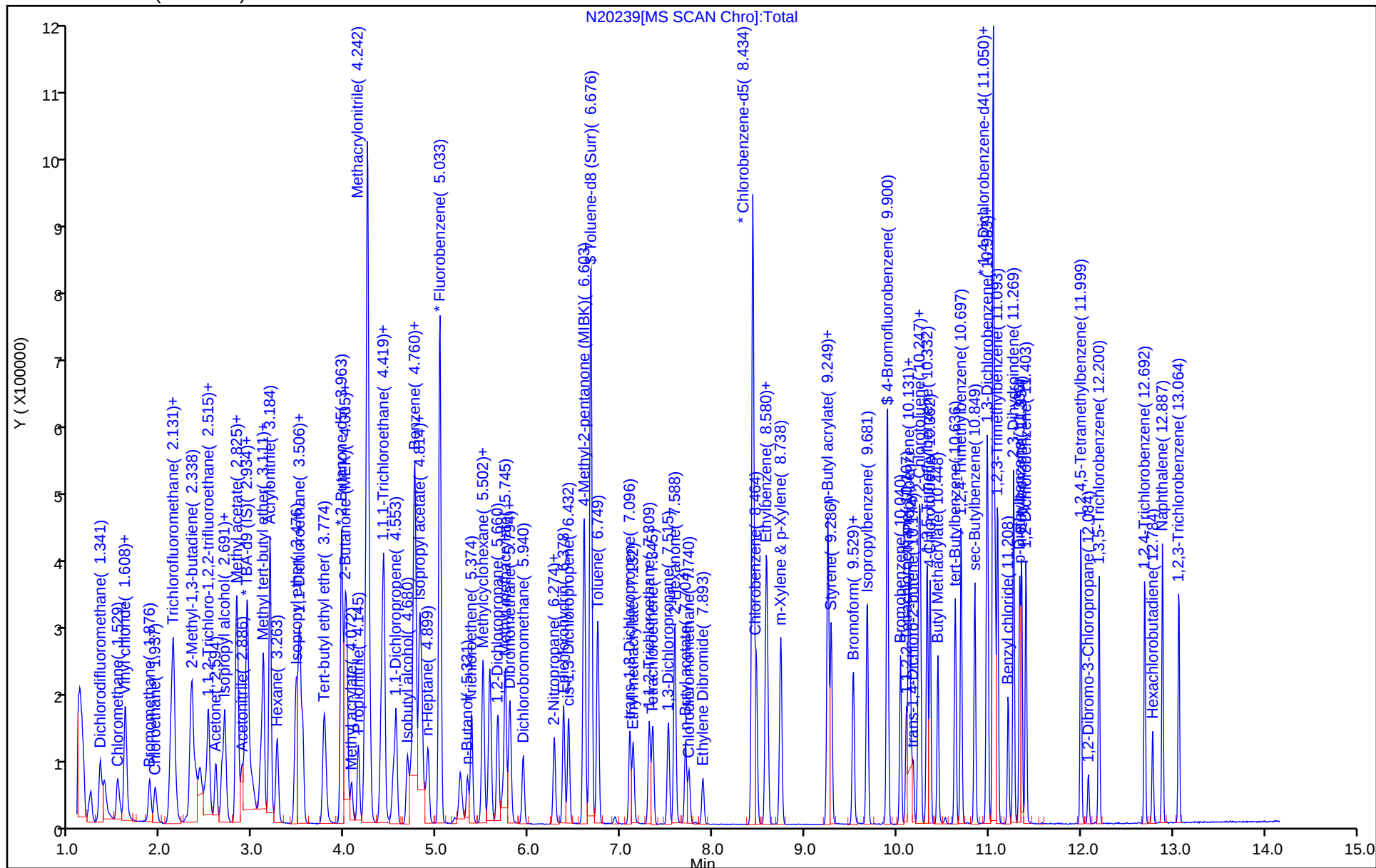
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260W_11

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\N20239.D

Injection Date: 12-Jun-2020 06:49:30

Instrument ID: CVOAMS11

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

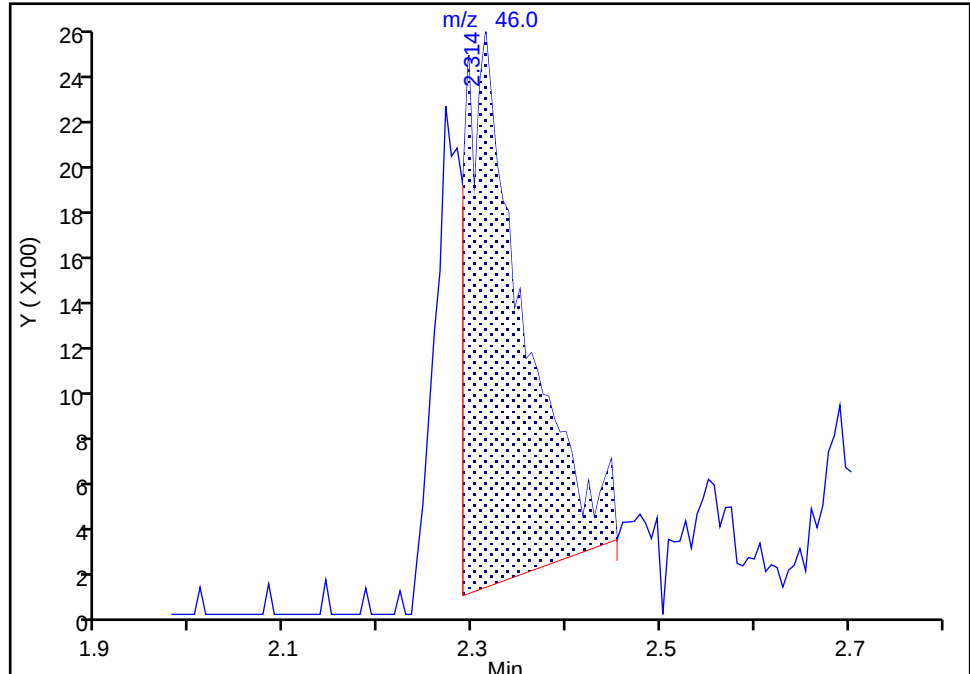
Detector: MS SCAN

15 Ethanol, CAS: 64-17-5

Signal: 1

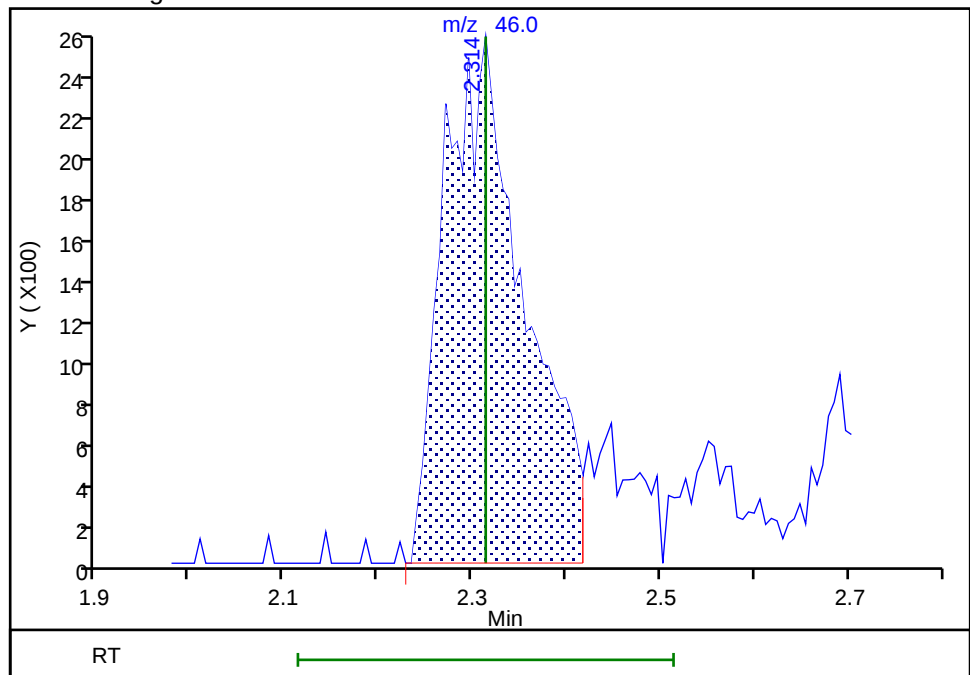
RT: 2.31
Area: 10260
Amount: 550.0313
Amount Units: ug/l

Processing Integration Results



RT: 2.31
Area: 15008
Amount: 804.5681
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 14-Jun-2020 11:45:55

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\N20239.D

Injection Date: 12-Jun-2020 06:49:30

Instrument ID: CVOAMS11

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_11

Limit Group:

VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector

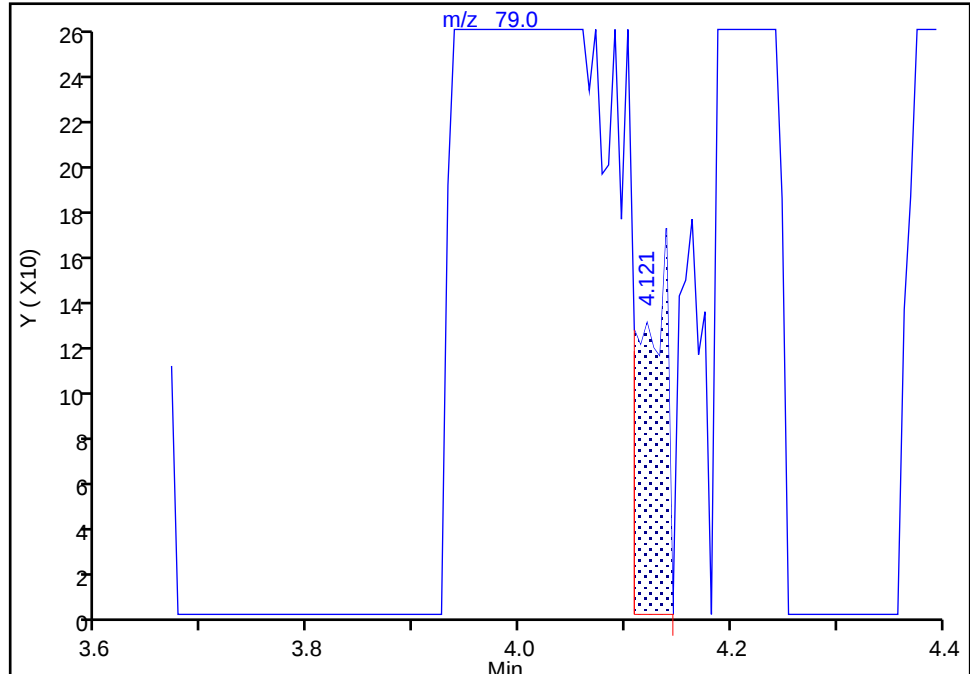
MS SCAN

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

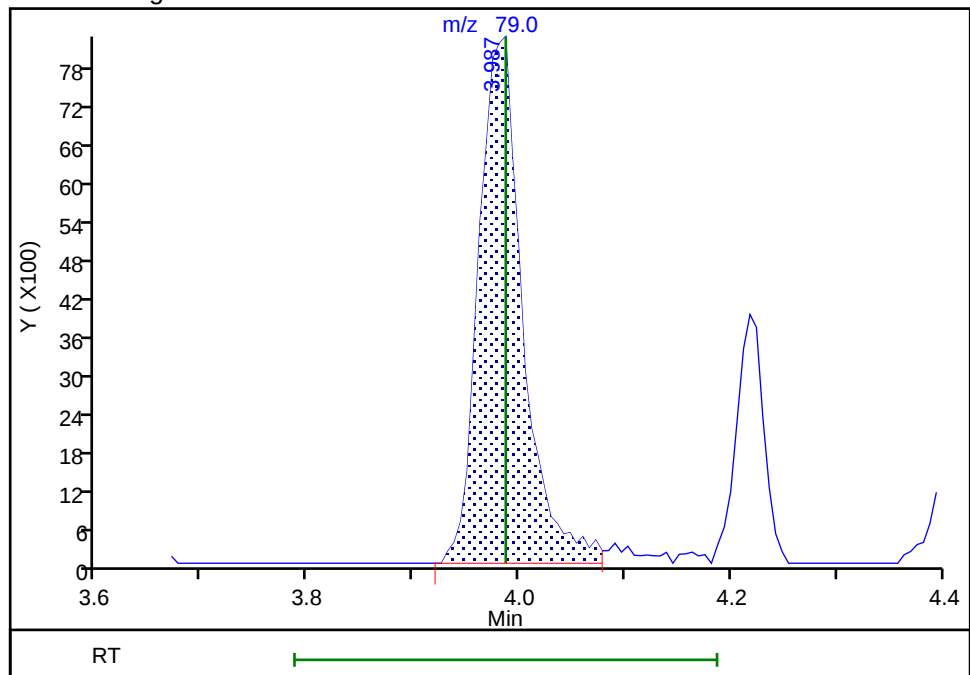
RT: 4.12
Area: 284
Amount: 0.232043
Amount Units: ug/l

Processing Integration Results



RT: 3.99
Area: 23905
Amount: 19.531674
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 12-Jun-2020 07:08:05

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N18999.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 13-May-2020 14:11:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0110045-001
 Operator ID: Instrument ID: CVOAMS11
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\8260W_11.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 14-May-2020 08:45:03 Calib Date: 13-May-2020 17:15:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19007.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0305

First Level Reviewer: starzecm

Date: 13-May-2020 14:21:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\$ 140 BFB	95	3.194	3.194	0.000	88	54491	NR	NR	a
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QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

a - User Assigned ID

Reagents:

BFB_00025

Amount Added: 1.00

Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N18999.D

Injection Date: 13-May-2020 14:11:30

Instrument ID: CVOAMS11

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

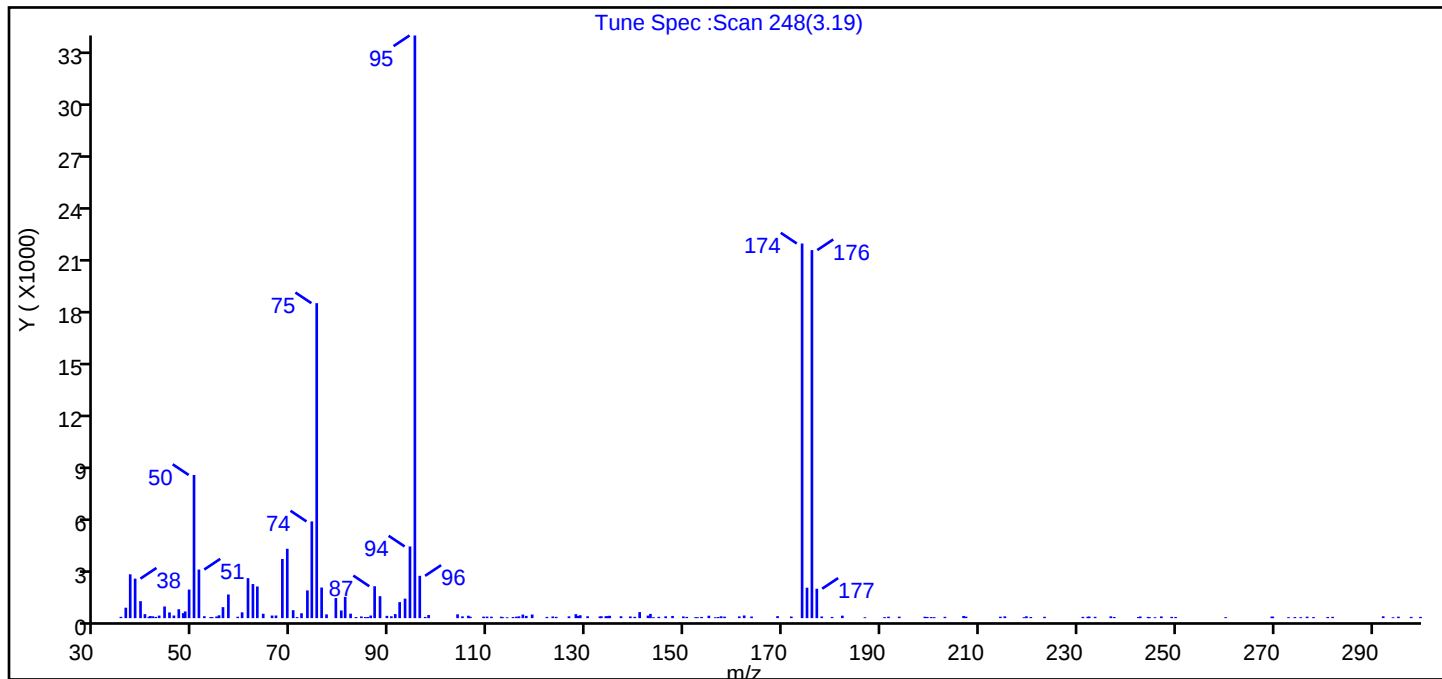
Dil. Factor: 1.0000

Method: 8260W_11

Limit Group: VOA 624.1 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	24.6
75	30 to 60% of m/z 95	54.1
96	5 to 9% of m/z 95	7.3
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	64.3
175	5 to 9% of m/z 174	5.2 (8.1)
176	Greater than 95% but less than 101% of m/z 174	63.2 (98.2)
177	5 to 9% of m/z 176	5.0 (8.0)

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N18999.D\8260W_11.rslt\spectra.d
Injection Date: 13-May-2020 14:11:30
Spectrum: Tune Spec :Scan 248(3.19)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 174

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	75	77.00	214	129.00	164	199.00	79
36.00	594	79.00	1142	130.00	107	199.00	67
37.00	2491	80.00	436	133.00	98	200.00	62
38.00	2246	81.00	1210	133.00	104	201.00	57
39.00	965	82.00	253	134.00	102	203.00	76
40.00	228	83.00	64	134.00	110	207.00	124
41.00	77	84.00	97	134.00	128	207.00	86
41.00	119	85.00	64	135.00	130	214.00	82
42.00	105	85.00	67	137.00	108	215.00	103
42.00	71	86.00	148	139.00	97	219.00	51
43.00	145	87.00	1813	140.00	75	220.00	106
44.00	663	88.00	1249	141.00	343	220.00	63
45.00	325	89.00	131	142.00	145	223.00	78
46.00	148	90.00	105	143.00	242	231.00	74
47.00	506	91.00	231	144.00	50	232.00	78
48.00	283	92.00	911	145.00	75	232.00	90
48.00	380	93.00	1109	146.00	102	234.00	75
49.00	1624	94.00	4075	148.00	125	237.00	102
50.00	8138	95.00	33120	150.00	97	238.00	64
51.00	2763	96.00	2405	150.00	71	242.00	60
52.00	109	97.00	69	152.00	55	243.00	93
53.00	61	98.00	176	153.00	51	244.00	70
54.00	59	104.00	218	153.00	71	245.00	52
55.00	95	105.00	101	155.00	138	246.00	51
55.00	161	106.00	138	156.00	51	247.00	97
56.00	625	106.00	80	157.00	64	249.00	74
57.00	1345	109.00	87	157.00	105	250.00	66
59.00	80	110.00	88	158.00	86	260.00	56
60.00	331	111.00	83	161.00	98	270.00	85
61.00	2272	113.00	81	162.00	152	270.00	84
62.00	1937	113.00	51	164.00	92	273.00	54
63.00	1799	114.00	50	169.00	115	274.00	62
64.00	248	115.00	64	172.00	91	276.00	54

Report Date: 14-May-2020 08:45:03

Chrom Revision: 2.3 05-May-2020 17:48:18

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N18999.D\8260W_11.rslt\spectra.d

Injection Date: 13-May-2020 14:11:30

Spectrum: Tune Spec :Scan 248(3.19)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 174

m/z	Y	m/z	Y	m/z	Y	m/z	Y
66.00	148	116.00	84	174.00	21296	277.00	84
67.00	150	116.00	102	175.00	1731	278.00	63
68.00	3363	117.00	204	176.00	20920	281.00	68
69.00	3943	118.00	127	177.00	1672	282.00	75
70.00	451	119.00	206	178.00	95	292.00	105
71.00	59	122.00	71	180.00	69	294.00	50
72.00	277	123.00	96	182.00	141	295.00	84
73.00	1577	124.00	74	187.00	52	298.00	72
74.00	5498	126.00	101	191.00	58	300.00	73
75.00	17904	128.00	225	192.00	84		
76.00	1740	128.00	127	194.00	84		

Report Date: 14-May-2020 08:45:03

Chrom Revision: 2.3 05-May-2020 17:48:18

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N18999.D

Injection Date: 13-May-2020 14:11:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 mL

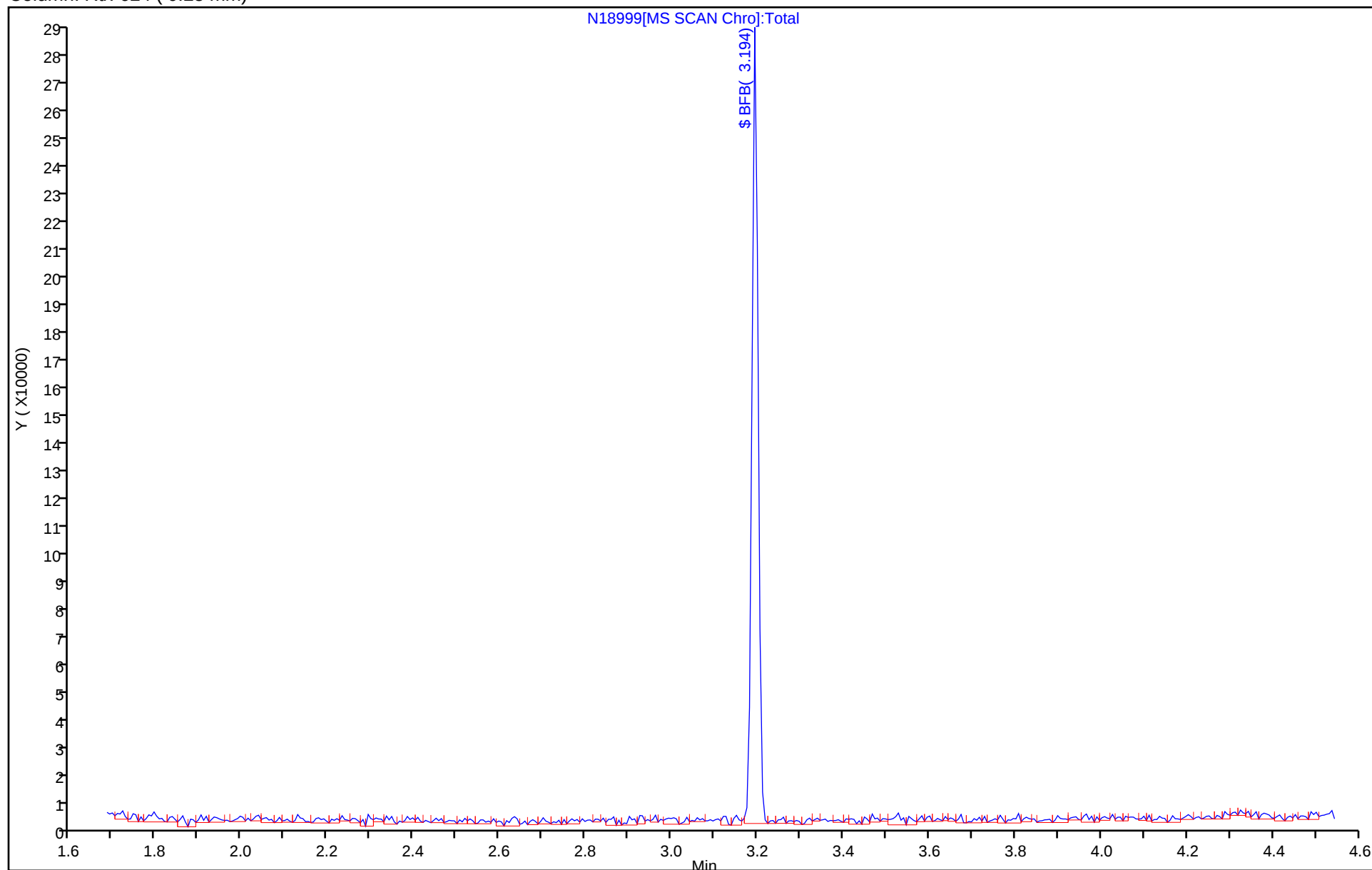
Dil. Factor: 1.0000

ALS Bottle#: 99

Method: 8260W_11

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\N20237.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 12-Jun-2020 06:01:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0111517-001
Operator ID: Instrument ID: CVOAMS11
Method: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\8260W_11.m
Limit Group: VOA 624.1 ICAL
Last Update: 12-Jun-2020 07:55:40 Calib Date: 13-May-2020 17:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19007.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1017

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 140 BFB	95	3.200	3.200	0.000	83	52193	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00025

Amount Added: 1.00

Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\N20237.D

Injection Date: 12-Jun-2020 06:01:30

Instrument ID: CVOAMS11

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

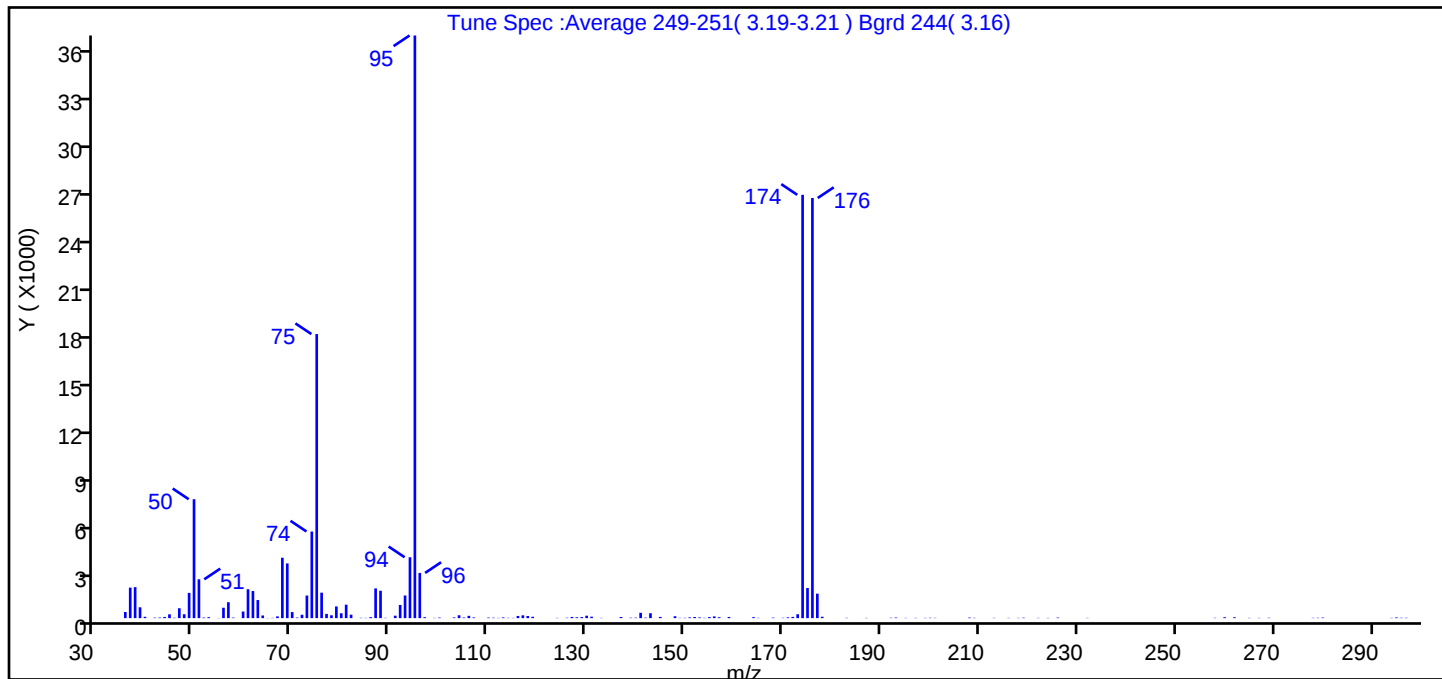
Dil. Factor: 1.0000

Method: 8260W_11

Limit Group: VOA 624.1 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	20.4
75	30 to 60% of m/z 95	48.8
96	5 to 9% of m/z 95	7.8
173	Less than 2% of m/z 174	0.7 (0.9)
174	50 to 120% of m/z 95	72.7
175	5 to 9% of m/z 174	5.2 (7.1)
176	Greater than 95% but less than 101% of m/z 174	72.1 (99.2)
177	5 to 9% of m/z 176	4.2 (5.8)

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\N20237.D\8260W_11.rslt\spectra.d
Injection Date: 12-Jun-2020 06:01:30
Spectrum: Tune Spec :Average 249-251(3.19-3.21) Bgrd 244(3.16)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 144

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	386	75.00	17872	118.00	133	175.00	1898
37.00	1920	76.00	1603	119.00	87	176.00	26432
38.00	1950	77.00	267	124.00	18	177.00	1541
39.00	683	78.00	180	126.00	26	178.00	87
40.00	85	79.00	737	127.00	75	183.00	20
42.00	31	80.00	306	128.00	54	187.00	16
43.00	36	81.00	847	129.00	68	192.00	23
44.00	76	82.00	218	130.00	153	193.00	37
45.00	241	84.00	21	131.00	92	195.00	16
46.00	24	85.00	17	133.00	17	197.00	18
47.00	623	86.00	63	137.00	72	199.00	18
48.00	246	87.00	1871	139.00	28	200.00	24
49.00	1590	88.00	1723	140.00	31	201.00	18
50.00	7482	89.00	19	141.00	336	208.00	37
51.00	2444	91.00	155	142.00	31	209.00	20
52.00	37	92.00	829	143.00	309	213.00	19
53.00	61	93.00	1426	145.00	77	216.00	18
55.00	11	94.00	3831	148.00	120	218.00	18
56.00	654	95.00	36656	149.00	18	219.00	28
57.00	1004	96.00	2845	150.00	21	222.00	18
58.00	34	97.00	60	151.00	48	224.00	17
60.00	417	99.00	17	152.00	70	226.00	35
61.00	1819	100.00	36	153.00	45	232.00	17
62.00	1706	103.00	44	154.00	20	258.00	21
63.00	1138	104.00	181	155.00	65	260.00	56
64.00	168	105.00	38	156.00	109	262.00	54
65.00	9	106.00	145	157.00	58	265.00	18
66.00	17	107.00	44	159.00	74	267.00	17
67.00	112	110.00	36	164.00	61	269.00	23
68.00	3801	111.00	28	165.00	17	278.00	20
69.00	3442	112.00	17	168.00	33	279.00	22
70.00	381	113.00	45	170.00	23	280.00	35
71.00	36	114.00	20	171.00	49	294.00	18

Report Date: 12-Jun-2020 07:55:40

Chrom Revision: 2.3 10-Jun-2020 22:46:48

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\N20237.D\8260W_11.rslt\spectra.d

Injection Date: 12-Jun-2020 06:01:30

Spectrum: Tune Spec :Average 249-251(3.19-3.21) Bgrd 244(3.16)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 144

m/z	Y	m/z	Y	m/z	Y	m/z	Y
72.00	214	115.00	16	172.00	79	295.00	44
73.00	1423	116.00	139	173.00	246	296.00	23
74.00	5451	117.00	177	174.00	26632	297.00	23

Report Date: 12-Jun-2020 07:55:40

Chrom Revision: 2.3 10-Jun-2020 22:46:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\N20237.D

Injection Date: 12-Jun-2020 06:01:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 mL

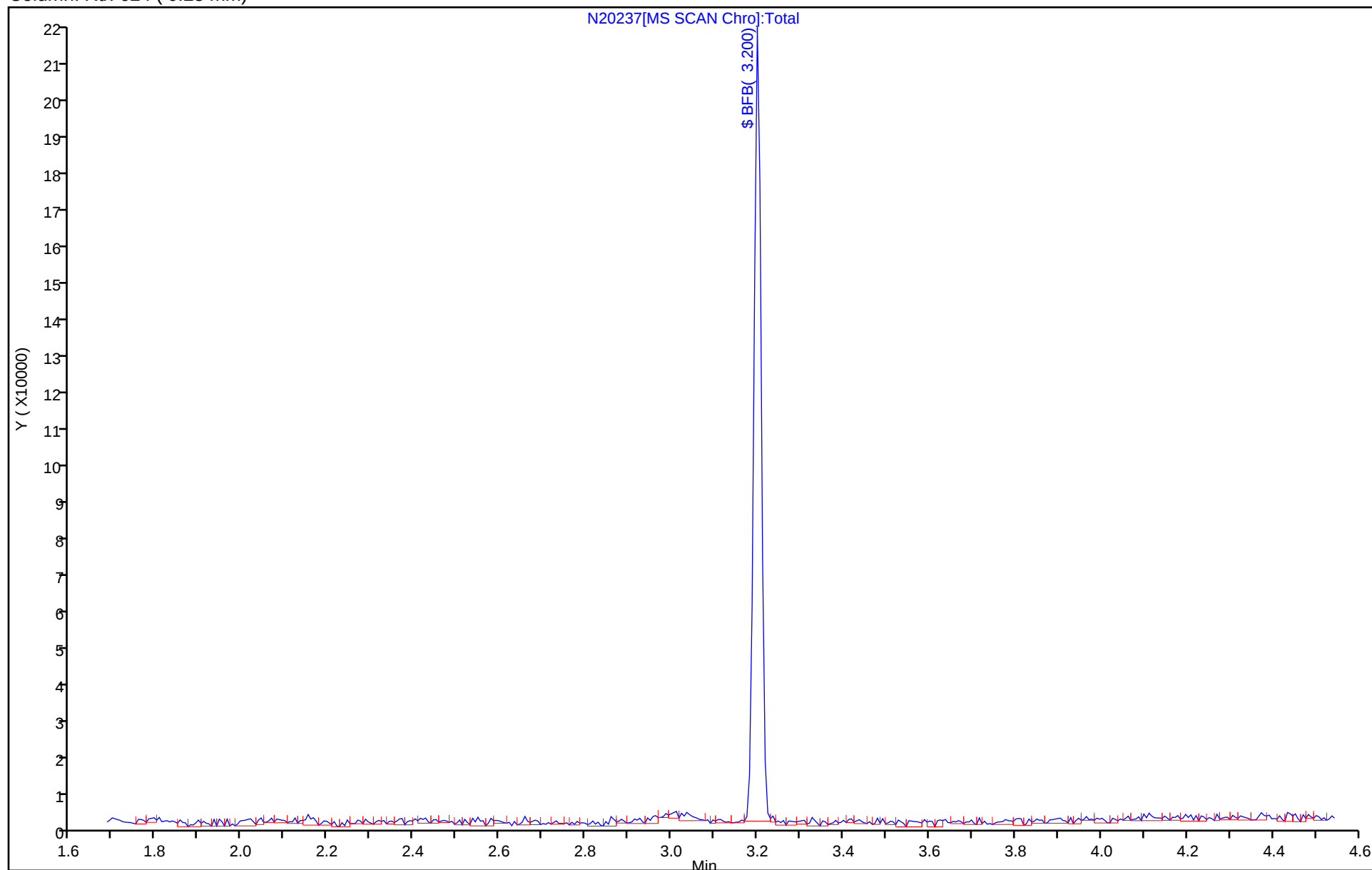
Dil. Factor: 1.0000

ALS Bottle#: 99

Method: 8260W_11

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-700829/9
 Matrix: Water Lab File ID: N20245.D
 Analysis Method: 624.1 Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 06/12/2020 09:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 700829 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.41	U	1.0	0.41
74-87-3	Chloromethane	0.43	U	1.0	0.43
74-83-9	Bromomethane	0.45	U	1.0	0.45
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Ethyl Chloride	0.32	U	1.0	0.32
75-69-4	Trichlorofluoromethane	0.14	U	1.0	0.14
76-13-1	Freon TF	0.31	U	1.0	0.31
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
67-64-1	Acetone	5.0	U	6.0	5.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
79-20-9	Methyl acetate	0.31	U	5.0	0.31
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
1634-04-4	MTBE	0.20	U	1.0	0.20
67-66-3	Chloroform	0.33	U	1.0	0.33
107-06-2	1,2-Dichloroethane	0.84	U	1.0	0.84
78-93-3	2-Butanone	1.9	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
110-82-7	Cyclohexane	0.32	U	1.0	0.32
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
79-01-6	Trichloroethene	0.31	U	1.0	0.31
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
124-48-1	Dibromochloromethane	0.13	U	1.0	0.13
79-00-5	1,1,2-Trichloroethane	0.15	U	1.0	0.15
71-43-2	Benzene	0.43	U	1.0	0.43
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
75-25-2	Bromoform	0.54	U	1.0	0.54
98-82-8	Isopropylbenzene	0.16	U	1.0	0.16
108-10-1	4-Methyl-2-pentanone	2.7	U	5.0	2.7
591-78-6	2-Hexanone	2.9	U	5.0	2.9
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-700829/9
 Matrix: Water Lab File ID: N20245.D
 Analysis Method: 624.1 Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 06/12/2020 09:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 700829 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
108-88-3	Toluene	0.38	U	1.0	0.38
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
100-42-5	Styrene	0.42	U	1.0	0.42
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
541-73-1	1,3-Dichlorobenzene	0.13	U	1.0	0.13
106-46-7	1,4-Dichlorobenzene	0.18	U	1.0	0.18
95-50-1	1,2-Dichlorobenzene	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		60-140
2037-26-5	Toluene-d8 (Surr)	84		60-140
460-00-4	Bromofluorobenzene	71		60-140
1868-53-7	Dibromofluoromethane (Surr)	80		60-140

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\N20245.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 12-Jun-2020 09:04:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0111517-009
 Operator ID: Instrument ID: CVOAMS11
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\8260W_11.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 12-Jun-2020 09:42:50 Calib Date: 13-May-2020 17:15:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19007.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1017

First Level Reviewer: moroneyc

Date: 12-Jun-2020 09:42:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.935	2.934	0.001	68	55342	1000.0	1000.0	
* 43 2-Butanone-d5	46	3.969	3.963	0.006	94	495091	250.0	250.0	
\$ 56 Dibromofluoromethane (Surr)	113	4.431	4.425	0.006	96	116159	50.0	40.0	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.772	4.766	0.006	83	147467	50.0	41.9	
* 67 Fluorobenzene	96	5.039	5.033	0.006	98	636363	50.0	50.0	
* 73 1,4-Dioxane-d8	96	5.721	5.715	0.006	75	36994	1000.0	1000.0	
\$ 84 Toluene-d8 (Surr)	98	6.676	6.676	0.000	98	436073	50.0	42.2	
* 95 Chlorobenzene-d5	117	8.440	8.434	0.006	89	430118	50.0	50.0	
\$ 106 4-Bromofluorobenzene	174	9.900	9.900	0.000	86	114497	50.0	35.5	
* 122 1,4-Dichlorobenzene-d4	152	11.050	11.050	0.000	97	223085	50.0	50.0	

Reagents:

8260SURR250_00208

Amount Added: 1.00

Units: uL

Run Reagent

8260ISNEW_00139

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\N20245.D

Injection Date: 12-Jun-2020 09:04:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: MB

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

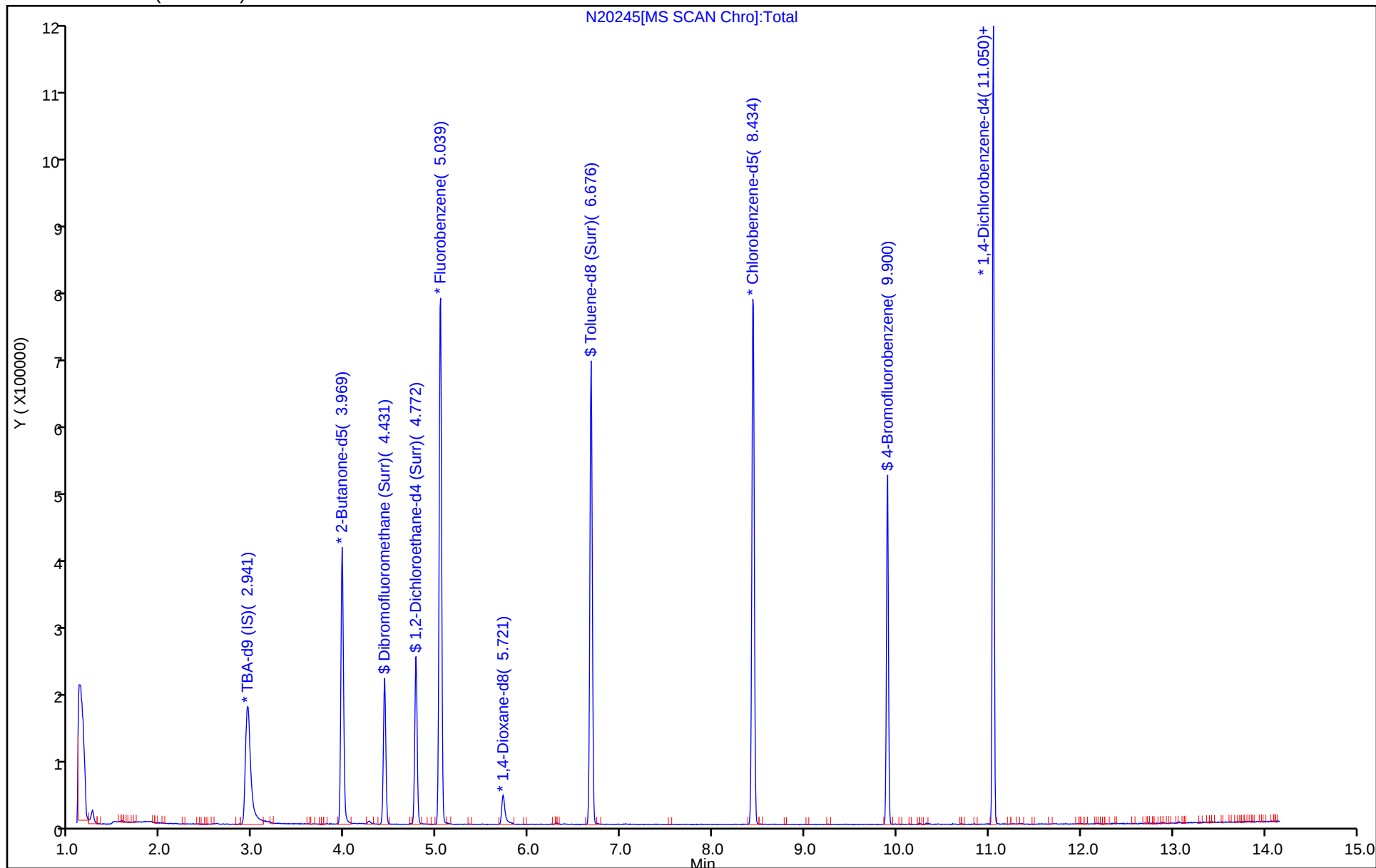
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260W_11

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-700829/4

Matrix: Water Lab File ID: N20240.D

Analysis Method: 624.1 Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 06/12/2020 07:11

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 700829 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	21.0		1.0	0.41
74-87-3	Chloromethane	14.0		1.0	0.43
74-83-9	Bromomethane	13.8		1.0	0.45
75-01-4	Vinyl chloride	15.7		1.0	0.34
75-00-3	Ethyl Chloride	21.4		1.0	0.32
75-69-4	Trichlorofluoromethane	19.9		1.0	0.14
76-13-1	Freon TF	20.1		1.0	0.31
75-09-2	Methylene Chloride	20.7		1.0	0.32
67-64-1	Acetone	95.6		6.0	5.0
75-15-0	Carbon disulfide	21.2		1.0	0.16
79-20-9	Methyl acetate	35.9		5.0	0.31
75-35-4	1,1-Dichloroethene	19.7		1.0	0.12
75-34-3	1,1-Dichloroethane	22.8		1.0	0.26
156-59-2	cis-1,2-Dichloroethene	20.4		1.0	0.22
156-60-5	trans-1,2-Dichloroethene	20.3		1.0	0.24
1634-04-4	MTBE	21.0		1.0	0.20
67-66-3	Chloroform	20.1		1.0	0.33
107-06-2	1,2-Dichloroethane	20.5		1.0	0.84
78-93-3	2-Butanone	91.4		5.0	1.9
71-55-6	1,1,1-Trichloroethane	19.3		1.0	0.24
110-82-7	Cyclohexane	21.2		1.0	0.32
56-23-5	Carbon tetrachloride	18.8		1.0	0.21
75-27-4	Bromodichloromethane	20.1		1.0	0.34
78-87-5	1,2-Dichloropropane	22.3		1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	22.3		1.0	0.46
79-01-6	Trichloroethene	20.2		1.0	0.31
108-87-2	Methylcyclohexane	22.7		1.0	0.26
124-48-1	Dibromochloromethane	18.8		1.0	0.13
79-00-5	1,1,2-Trichloroethane	20.4		1.0	0.15
71-43-2	Benzene	22.3		1.0	0.43
10061-02-6	trans-1,3-Dichloropropene	20.7		1.0	0.22
75-25-2	Bromoform	18.3		1.0	0.54
98-82-8	Isopropylbenzene	19.9		1.0	0.16
108-10-1	4-Methyl-2-pentanone	94.1		5.0	2.7
591-78-6	2-Hexanone	93.3		5.0	2.9
127-18-4	Tetrachloroethene	18.3		1.0	0.25

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-700829/4
 Matrix: Water Lab File ID: N20240.D
 Analysis Method: 624.1 Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 06/12/2020 07:11
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 700829 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	20.2		1.0	0.50
108-88-3	Toluene	20.5		1.0	0.38
79-34-5	1,1,2,2-Tetrachloroethane	22.5		1.0	0.37
108-90-7	Chlorobenzene	20.3		1.0	0.38
100-41-4	Ethylbenzene	19.0		1.0	0.30
100-42-5	Styrene	20.3		1.0	0.42
96-12-8	1,2-Dibromo-3-Chloropropane	18.9		1.0	0.38
541-73-1	1,3-Dichlorobenzene	19.9		1.0	0.13
106-46-7	1,4-Dichlorobenzene	19.6		1.0	0.18
95-50-1	1,2-Dichlorobenzene	19.8		1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	19.7		1.0	0.37
1330-20-7	Xylenes, Total	38.6		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		60-140
2037-26-5	Toluene-d8 (Surr)	86		60-140
460-00-4	Bromofluorobenzene	75		60-140
1868-53-7	Dibromofluoromethane (Surr)	80		60-140

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\N20240.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 12-Jun-2020 07:11:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0111517-004
 Operator ID: Instrument ID: CVOAMS11
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\8260W_11.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 14-Jun-2020 11:46:22 Calib Date: 13-May-2020 17:15:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19007.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1045

First Level Reviewer: moroneyc

Date: 12-Jun-2020 07:57:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	87	1.377	1.359	0.018	98	24387	20.0	21.0	
7 Chloromethane	52	1.541	1.529	0.012	99	31913	20.0	14.0	
8 Vinyl chloride	62	1.621	1.608	0.013	81	81345	20.0	15.7	
9 Butadiene	54	1.621	1.614	0.007	97	68309	20.0	16.3	
10 Bromomethane	94	1.888	1.876	0.012	98	47875	20.0	13.8	
11 Chloroethane	64	1.943	1.937	0.006	100	56214	20.0	21.4	
12 Dichlorofluoromethane	67	2.119	2.113	0.006	98	131569	NC	NC	
13 Trichlorofluoromethane	101	2.119	2.113	0.006	95	81327	20.0	19.9	
14 Pentane	72	2.144	2.137	0.007	96	19980	40.0	40.1	
15 Ethanol	46	2.320	2.314	0.006	83	15370	800.0	804.1	
16 Ethyl ether	74	2.326	2.320	0.006	92	38579	20.0	21.8	
17 2-Methyl-1,3-butadiene	53	2.344	2.338	0.006	98	50386	20.0	21.3	
20 Acrolein	56	2.478	2.472	0.006	93	10836	40.0	21.5	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.509	2.496	0.013	94	47555	20.0	20.1	
22 1,1-Dichloroethene	96	2.527	2.515	0.012	95	49525	20.0	19.7	
23 Acetone	58	2.600	2.594	0.006	86	39007	100.0	95.6	
24 Iodomethane	142	2.673	2.661	0.012	97	97126	20.0	18.5	
25 Isopropyl alcohol	45	2.691	2.679	0.012	99	44273	200.0	212.8	
26 Carbon disulfide	76	2.703	2.691	0.012	100	204715	20.0	21.2	
27 3-Chloro-1-propene	76	2.825	2.819	0.006	96	34433	20.0	20.5	
28 Methyl acetate	74	2.831	2.825	0.006	100	23587	40.0	35.9	
29 Cyclopentene	67	2.843	2.831	0.012	94	139772	NC	NC	
30 Acetonitrile	41	2.886	2.880	0.006	99	113949	200.0	215.3	
* 31 TBA-d9 (IS)	66	2.941	2.934	0.007	96	58683	1000.0	1000.0	
32 Methylene Chloride	84	2.947	2.941	0.007	98	70863	20.0	20.7	
33 2-Methyl-2-propanol	59	3.002	2.989	0.013	98	65884	200.0	190.0	
34 Methyl tert-butyl ether	73	3.099	3.093	0.006	97	162143	20.0	21.0	
35 trans-1,2-Dichloroethene	96	3.123	3.111	0.012	98	57485	20.0	20.3	
36 Acrylonitrile	53	3.190	3.184	0.006	94	320502	200.0	199.6	
37 Hexane	56	3.269	3.263	0.006	95	32257	20.0	23.4	
38 Isopropyl ether	45	3.476	3.470	0.006	97	226116	20.0	22.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 1,1-Dichloroethane	63	3.500	3.500	0.000	98	116180	20.0	22.8	
40 Vinyl acetate	86	3.519	3.512	0.007	100	23497	40.0	35.0	
41 2-Chloro-1,3-butadiene	88	3.543	3.537	0.006	92	46941	NC	NC	
42 Tert-butyl ethyl ether	59	3.780	3.774	0.006	89	185493	NC	NC	
* 43 2-Butanone-d5	46	3.969	3.963	0.006	97	481295	250.0	250.0	
44 2,2-Dichloropropane	79	3.981	3.987	-0.006	56	23228	20.0	18.9	
45 cis-1,2-Dichloroethene	96	4.005	3.999	0.006	93	63891	20.0	20.4	
46 2-Butanone (MEK)	72	4.017	4.017	0.000	96	41964	100.0	91.4	
47 Ethyl acetate	70	4.024	4.017	0.007	96	15145	40.0	36.5	
48 Methyl acrylate	55	4.078	4.072	0.006	99	63161	NC	NC	
49 Propionitrile	54	4.151	4.145	0.006	98	118976	NC	NC	
50 Tetrahydrofuran	72	4.224	4.212	0.012	66	17570	40.0	35.9	
51 Chlorobromomethane	128	4.224	4.218	0.006	97	30915	20.0	19.4	
52 Methacrylonitrile	67	4.249	4.242	0.007	94	307168	NC	NC	
53 Chloroform	83	4.279	4.273	0.006	97	99310	20.0	20.1	
54 Cyclohexane	84	4.407	4.401	0.006	95	74384	20.0	21.2	
55 1,1,1-Trichloroethane	97	4.419	4.413	0.006	94	73052	20.0	19.3	
\$ 56 Dibromofluoromethane (Surr)	113	4.431	4.425	0.006	96	115945	50.0	40.0	
57 Carbon tetrachloride	117	4.535	4.528	0.007	96	54967	20.0	18.8	
58 1,1-Dichloropropene	75	4.559	4.553	0.006	96	72183	20.0	21.3	
59 Isobutyl alcohol	43	4.681	4.680	0.001	94	93522	NC	NC	
60 Isooctane	57	4.723	4.723	0.000	91	109313	NC	NC	a
61 Benzene	78	4.754	4.747	0.007	97	245142	20.0	22.3	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.772	4.766	0.006	96	148629	50.0	42.3	
64 Isopropyl acetate	43	4.814	4.808	0.006	96	190535	20.0	20.7	
63 Tert-amyl methyl ether	73	4.821	4.820	0.000	89	174738	NC	NC	
65 1,2-Dichloroethane	62	4.845	4.839	0.006	95	79930	20.0	20.5	
66 n-Heptane	57	4.906	4.899	0.007	95	32192	20.0	29.1	
* 67 Fluorobenzene	96	5.033	5.033	0.000	98	636225	50.0	50.0	
68 n-Butanol	56	5.338	5.331	0.007	94	41054	500.0	525.8	
69 Trichloroethene	95	5.380	5.374	0.006	97	54025	20.0	20.2	
71 Methylcyclohexane	83	5.502	5.502	0.000	74	74615	20.0	22.7	
70 Ethyl acrylate	99	5.508	5.502	0.006	96	7563	20.0	21.3	
72 1,2-Dichloropropane	63	5.666	5.666	0.000	91	65117	20.0	22.3	
* 73 1,4-Dioxane-d8	96	5.715	5.715	0.000	76	40657	1000.0	1000.0	
74 Methyl methacrylate	100	5.745	5.739	0.006	93	27471	40.0	38.1	
75 1,4-Dioxane	88	5.776	5.769	0.007	90	16883	400.0	433.6	
76 Dibromomethane	93	5.788	5.788	0.000	95	35633	20.0	19.2	
77 n-Propyl acetate	43	5.800	5.800	0.000	99	96486	20.0	21.6	
78 Dichlorobromomethane	83	5.940	5.940	0.000	99	66982	20.0	20.1	
79 2-Nitropropane	41	6.274	6.268	0.006	79	28003	NC	NC	
80 2-Chloroethyl vinyl ether	63	6.281	6.274	0.007	77	37158	20.0	20.2	
81 Epichlorohydrin	57	6.378	6.378	0.000	100	142397	400.0	406.8	
82 cis-1,3-Dichloropropene	75	6.433	6.432	0.001	96	90118	20.0	22.3	
83 4-Methyl-2-pentanone (MIBK)	43	6.603	6.603	0.000	98	352631	100.0	94.1	
\$ 84 Toluene-d8 (Surr)	98	6.676	6.676	0.000	98	457898	50.0	43.2	
85 Toluene	91	6.749	6.749	0.000	93	227775	20.0	20.5	
86 trans-1,3-Dichloropropene	75	7.102	7.096	0.006	96	73364	20.0	20.7	
87 Ethyl methacrylate	69	7.138	7.132	0.006	92	65828	NC	NC	
88 1,1,2-Trichloroethane	83	7.309	7.309	0.000	96	43960	20.0	20.4	
89 Tetrachloroethene	166	7.345	7.345	0.000	95	46050	20.0	18.3	
90 1,3-Dichloropropane	76	7.516	7.515	0.001	96	89784	20.0	22.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
91 2-Hexanone	58	7.589	7.582	0.007	98	116453	100.0	93.3	
92 n-Butyl acetate	43	7.704	7.704	0.000	98	96064	20.0	22.2	
93 Chlorodibromomethane	129	7.741	7.740	0.001	98	41504	20.0	18.8	
94 Ethylene Dibromide	107	7.893	7.893	0.000	99	47888	20.0	20.2	
* 95 Chlorobenzene-d5	117	8.434	8.434	0.000	89	441811	50.0	50.0	
96 Chlorobenzene	112	8.471	8.470	0.001	93	141124	20.0	20.3	
97 Ethylbenzene	106	8.580	8.580	0.000	99	69880	20.0	19.0	
98 1,1,1,2-Tetrachloroethane	131	8.592	8.592	0.000	92	46958	20.0	19.5	
99 m-Xylene & p-Xylene	106	8.738	8.738	0.000	100	85769	20.0	19.3	
101 n-Butyl acrylate	73	9.249	9.249	0.000	65	36191	20.0	19.1	
100 o-Xylene	106	9.249	9.249	0.000	92	88917	20.0	19.3	
102 Styrene	104	9.286	9.286	0.000	93	147560	20.0	20.3	
104 Bromoform	173	9.529	9.523	0.006	52	26243	20.0	18.3	
103 Amyl acetate (mixed isomers)	43	9.529	9.529	0.000	90	103673	20.0	21.9	
105 Isopropylbenzene	105	9.681	9.681	0.000	97	215688	20.0	19.9	
\$ 106 4-Bromofluorobenzene	174	9.900	9.900	0.000	86	124074	50.0	37.5	
107 Bromobenzene	156	10.040	10.040	0.000	95	57180	20.0	18.6	
108 1,1,2,2-Tetrachloroethane	83	10.107	10.107	0.000	98	77610	20.0	22.5	
109 N-Propylbenzene	91	10.131	10.131	0.000	98	270056	20.0	21.7	
110 1,2,3-Trichloropropane	110	10.150	10.150	0.000	98	19690	20.0	19.8	
111 trans-1,4-Dichloro-2-butene	53	10.180	10.180	0.000	79	18853	NC	NC	
112 2-Chlorotoluene	91	10.241	10.241	0.000	97	200540	20.0	21.8	
113 4-Ethyltoluene	105	10.259	10.253	0.006	97	218554	NC	NC	
114 1,3,5-Trimethylbenzene	105	10.332	10.332	0.000	92	190716	20.0	21.1	
115 4-Chlorotoluene	91	10.363	10.362	0.001	98	184629	20.0	22.2	
116 Butyl Methacrylate	87	10.448	10.448	0.000	95	57521	20.0	19.6	
117 tert-Butylbenzene	119	10.636	10.636	0.000	92	141753	20.0	21.0	
118 1,2,4-Trimethylbenzene	105	10.697	10.697	0.000	98	204579	20.0	21.1	
119 sec-Butylbenzene	105	10.849	10.849	0.000	98	208992	20.0	21.8	
120 1,3-Dichlorobenzene	146	10.977	10.977	0.000	94	110844	20.0	19.9	
121 4-Isopropyltoluene	119	10.989	10.989	0.000	97	181123	20.0	21.4	
* 122 1,4-Dichlorobenzene-d4	152	11.050	11.050	0.000	97	241742	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.068	11.068	0.000	95	113949	20.0	19.6	
124 1,2,3-Trimethylbenzene	105	11.099	11.099	0.000	99	221943	20.0	21.2	
125 Benzyl chloride	126	11.214	11.208	0.006	98	19715	20.0	18.8	
126 2,3-Dihydroindene	117	11.269	11.269	0.000	94	214806	NC	NC	
127 p-Diethylbenzene	119	11.336	11.336	0.000	91	97794	NC	NC	
128 n-Butylbenzene	92	11.354	11.354	0.000	97	98872	20.0	24.3	
129 1,2-Dichlorobenzene	146	11.403	11.403	0.000	94	119535	20.0	19.8	
130 1,2,4,5-Tetramethylbenzene	119	11.999	11.999	0.000	97	183362	NC	NC	
131 1,2-Dibromo-3-Chloropropane	157	12.084	12.084	0.000	93	14082	20.0	18.9	
132 1,3,5-Trichlorobenzene	180	12.200	12.200	0.000	97	86479	NC	NC	
133 1,2,4-Trichlorobenzene	180	12.699	12.699	0.000	94	82846	20.0	19.7	
134 Hexachlorobutadiene	225	12.784	12.784	0.000	95	21690	20.0	19.7	
135 Naphthalene	128	12.887	12.887	0.000	99	228478	20.0	18.9	
136 1,2,3-Trichlorobenzene	180	13.070	13.070	0.000	95	80197	20.0	20.1	
S 137 1,2-Dichloroethene, Total	100				0		40.0	40.7	
S 138 Xylenes, Total	100				0		40.0	38.6	
S 139 Total BTEX	1				0		100.0	100.4	

QC Flag Legend

Processing Flags

NC - Not Calibrated

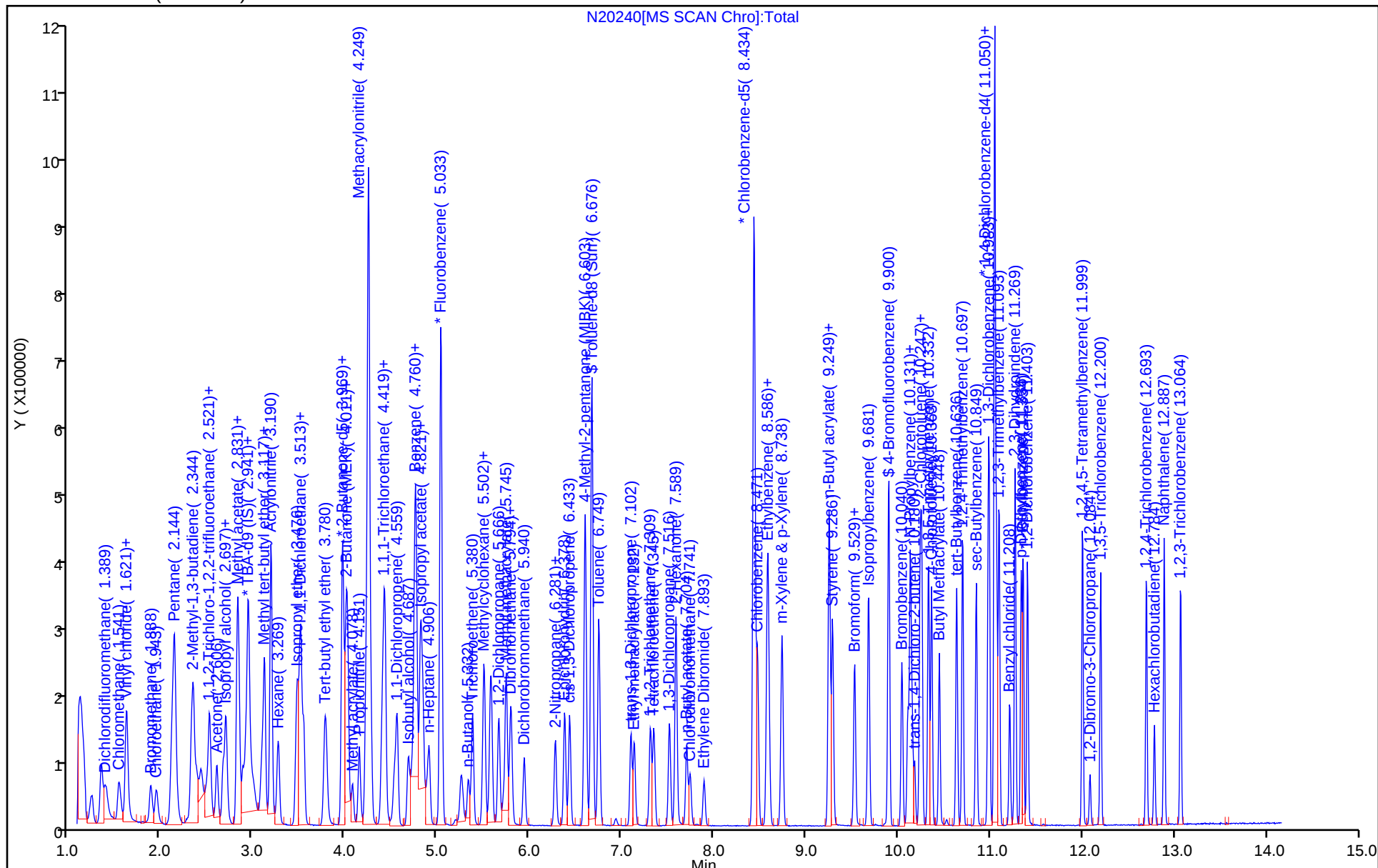
Review Flags

a - User Assigned ID

Reagents:

GASES Li_00371	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00119	Amount Added: 20.00	Units: uL	
ACROLEIN W_00107	Amount Added: 4.00	Units: uL	
8260SURR250_00208	Amount Added: 1.00	Units: uL	Run Reagent
8260ISNEW_00139	Amount Added: 1.00	Units: uL	Run Reagent

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-210584-B-1 MS
 Matrix: Water Lab File ID: N20251.D
 Analysis Method: 624.1 Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 06/12/2020 11:21
 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.: 700829 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	199		10	4.1
74-87-3	Chloromethane	127		10	4.3
74-83-9	Bromomethane	129		10	4.5
75-01-4	Vinyl chloride	151		10	3.4
75-00-3	Ethyl Chloride	205		10	3.2
75-69-4	Trichlorofluoromethane	194		10	1.4
76-13-1	Freon TF	197		10	3.1
75-09-2	Methylene Chloride	207		10	3.2
67-64-1	Acetone	889		60	50
75-15-0	Carbon disulfide	209		10	1.6
79-20-9	Methyl acetate	359		50	3.1
75-35-4	1,1-Dichloroethene	196		10	1.2
75-34-3	1,1-Dichloroethane	225		10	2.6
156-59-2	cis-1,2-Dichloroethene	198		10	2.2
156-60-5	trans-1,2-Dichloroethene	205		10	2.4
1634-04-4	MTBE	204		10	2.0
67-66-3	Chloroform	203		10	3.3
107-06-2	1,2-Dichloroethane	207		10	8.4
78-93-3	2-Butanone	879		50	19
71-55-6	1,1,1-Trichloroethane	194		10	2.4
110-82-7	Cyclohexane	214		10	3.2
56-23-5	Carbon tetrachloride	189		10	2.1
75-27-4	Bromodichloromethane	197		10	3.4
78-87-5	1,2-Dichloropropane	224		10	3.5
10061-01-5	cis-1,3-Dichloropropene	217		10	4.6
79-01-6	Trichloroethene	195		10	3.1
108-87-2	Methylcyclohexane	222		10	2.6
124-48-1	Dibromochloromethane	188		10	1.3
79-00-5	1,1,2-Trichloroethane	214		10	1.5
71-43-2	Benzene	226		10	4.3
10061-02-6	trans-1,3-Dichloropropene	209		10	2.2
75-25-2	Bromoform	176		10	5.4
98-82-8	Isopropylbenzene	203		10	1.6
108-10-1	4-Methyl-2-pentanone	977		50	27
591-78-6	2-Hexanone	921		50	29
127-18-4	Tetrachloroethene	185		10	2.5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-210584-B-1 MS
 Matrix: Water Lab File ID: N20251.D
 Analysis Method: 624.1 Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 06/12/2020 11:21
 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.: 700829 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	205		10	5.0
108-88-3	Toluene	211		10	3.8
79-34-5	1,1,2,2-Tetrachloroethane	227		10	3.7
108-90-7	Chlorobenzene	202		10	3.8
100-41-4	Ethylbenzene	195		10	3.0
100-42-5	Styrene	202		10	4.2
96-12-8	1,2-Dibromo-3-Chloropropane	192		10	3.8
541-73-1	1,3-Dichlorobenzene	202		10	1.3
106-46-7	1,4-Dichlorobenzene	196		10	1.8
95-50-1	1,2-Dichlorobenzene	197		10	1.9
120-82-1	1,2,4-Trichlorobenzene	197		10	3.7
1330-20-7	Xylenes, Total	394		20	6.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	80		60-140
2037-26-5	Toluene-d8 (Surr)	83		60-140
460-00-4	Bromofluorobenzene	73		60-140
1868-53-7	Dibromofluoromethane (Surr)	77		60-140

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\N20251.D
 Lims ID: 460-210584-B-1 MS
 Client ID:
 Sample Type: MS
 Inject. Date: 12-Jun-2020 11:21:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 10.0000
 Sample Info: 460-210584-B-1 MS
 Misc. Info.: 460-0111517-015
 Operator ID: Instrument ID: CVOAMS11
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\8260W_11.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 12-Jun-2020 09:37:06 Calib Date: 13-May-2020 17:15:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19007.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1017

First Level Reviewer: moroneyc

Date: 12-Jun-2020 11:39:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoromethane	69	1.128	1.158	-0.030	28	1319		NC	
3 1,1-Difluoroethane	51	1.347	1.341	0.006	93	67950		NC	
4 Chlorotrifluoroethene	116	1.341	1.347	-0.007	50	18682		NC	
5 Dichlorodifluoromethane	87	1.371	1.359	0.012	99	23918	20.0	19.9	
6 Chlorodifluoromethane	51	1.395	1.395	0.000	97	85286		NC	
7 Chloromethane	52	1.535	1.529	0.006	99	29971	20.0	12.7	
8 Vinyl chloride	62	1.614	1.608	0.006	81	81163	20.0	15.1	
9 Butadiene	54	1.620	1.614	0.006	96	69346	20.0	16.0	
10 Bromomethane	94	1.882	1.876	0.006	98	46480	20.0	12.9	
11 Chloroethane	64	1.943	1.937	0.006	100	55853	20.0	20.5	
12 Dichlorofluoromethane	67	2.113	2.113	0.000	98	128998	NC	NC	
13 Trichlorofluoromethane	101	2.125	2.113	0.012	97	81975	20.0	19.4	
14 Pentane	72	2.144	2.137	0.007	96	19825	40.0	40.1	
15 Ethanol	46	2.308	2.314	-0.006	85	14325	800.0	754.4	
16 Ethyl ether	74	2.320	2.320	0.000	94	38524	20.0	21.1	
17 2-Methyl-1,3-butadiene	53	2.344	2.338	0.006	98	52067	20.0	21.3	
18 1,2-Dichloro-1,1,2-trifluoroethane	117	2.375	2.381	-0.006	80	45370		NC	
20 Acrolein	56	2.484	2.472	0.012	93	17965	40.0	36.0	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.502	2.496	0.006	94	48338	20.0	19.7	
22 1,1-Dichloroethene	96	2.521	2.515	0.006	96	50753	20.0	19.6	
23 Acetone	58	2.600	2.594	0.006	87	37542	100.0	88.9	
24 Iodomethane	142	2.667	2.661	0.006	98	97470	20.0	17.9	
25 Isopropyl alcohol	45	2.685	2.679	0.006	98	47612	200.0	230.4	
26 Carbon disulfide	76	2.697	2.691	0.006	100	208862	20.0	20.9	
27 3-Chloro-1-propene	76	2.819	2.819	0.000	95	36160	20.0	20.9	
28 Methyl acetate	74	2.825	2.825	0.000	99	23441	40.0	35.9	
29 Cyclopentene	67	2.837	2.831	0.006	94	142720	NC	NC	
30 Acetonitrile	41	2.886	2.880	0.006	98	107976	200.0	205.5	
* 31 TBA-d9 (IS)	66	2.934	2.934	0.000	95	58295	1000.0	1000.0	
32 Methylene Chloride	84	2.940	2.941	0.000	97	73236	20.0	20.7	
33 2-Methyl-2-propanol	59	3.001	2.989	0.012	98	63814	200.0	185.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Methyl tert-butyl ether	73	3.099	3.093	0.006	97	163499	20.0	20.4	
35 trans-1,2-Dichloroethene	96	3.117	3.111	0.006	98	59795	20.0	20.5	
36 Acrylonitrile	53	3.190	3.184	0.006	95	332816	200.0	208.7	
37 Hexane	56	3.263	3.263	0.000	93	35570	20.0	25.0	
38 Isopropyl ether	45	3.470	3.470	0.000	97	227983	20.0	21.7	
39 1,1-Dichloroethane	63	3.500	3.500	0.000	99	118381	20.0	22.5	
40 Vinyl acetate	86	3.512	3.512	0.000	100	23896	40.0	34.4	
41 2-Chloro-1,3-butadiene	88	3.543	3.537	0.006	91	48646	NC	NC	
42 Tert-butyl ethyl ether	59	3.774	3.774	0.000	88	186973	NC	NC	
* 43 2-Butanone-d5	46	3.963	3.963	0.000	99	498398	250.0	250.0	
44 2,2-Dichloropropane	79	3.981	3.987	-0.006	92	22141	20.0	17.5	
45 cis-1,2-Dichloroethene	96	3.999	3.999	0.000	93	64263	20.0	19.8	
46 2-Butanone (MEK)	72	4.017	4.017	0.000	96	41807	100.0	87.9	
47 Ethyl acetate	70	4.023	4.017	0.006	96	15675	40.0	36.5	
48 Methyl acrylate	55	4.072	4.072	0.000	99	63367	NC	NC	
49 Propionitrile	54	4.145	4.145	0.000	98	120043	NC	NC	
50 Tetrahydrofuran	72	4.218	4.212	0.006	79	22243	40.0	44.1	
51 Chlorobromomethane	128	4.218	4.218	0.000	97	32164	20.0	19.5	
52 Methacrylonitrile	67	4.248	4.242	0.006	94	314338	NC	NC	
53 Chloroform	83	4.273	4.273	0.000	98	103864	20.0	20.3	
54 Cyclohexane	84	4.401	4.401	0.000	96	77665	20.0	21.4	
55 1,1,1-Trichloroethane	97	4.419	4.413	0.006	95	76231	20.0	19.4	
\$ 56 Dibromofluoromethane (Surr)	113	4.425	4.425	0.000	97	115582	50.0	38.6	
57 Carbon tetrachloride	117	4.528	4.528	0.000	96	57028	20.0	18.9	
58 1,1-Dichloropropene	75	4.559	4.553	0.006	95	74382	20.0	21.3	
59 Isobutyl alcohol	43	4.680	4.680	0.000	95	92642	NC	NC	
60 Isooctane	57	4.723	4.723	0.000	93	108305	NC	NC	
61 Benzene	78	4.753	4.747	0.006	98	252171	20.0	22.6	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.766	4.766	0.000	91	145851	50.0	40.2	
64 Isopropyl acetate	43	4.814	4.808	0.006	94	188089	20.0	19.8	
63 Tert-amyl methyl ether	73	4.820	4.820	0.000	91	178076	NC	NC	
65 1,2-Dichloroethane	62	4.845	4.839	0.006	96	83317	20.0	20.7	
66 n-Heptane	57	4.905	4.899	0.006	96	30351	20.0	26.5	
* 67 Fluorobenzene	96	5.033	5.033	0.000	98	657453	50.0	50.0	
68 n-Butanol	56	5.331	5.331	0.000	95	41275	500.0	532.2	
69 Trichloroethene	95	5.380	5.374	0.006	96	53870	20.0	19.5	
71 Methylcyclohexane	83	5.502	5.502	0.000	72	75525	20.0	22.2	
70 Ethyl acrylate	99	5.508	5.502	0.006	96	7117	20.0	19.3	
72 1,2-Dichloropropane	63	5.666	5.666	0.000	91	67622	20.0	22.4	
* 73 1,4-Dioxane-d8	96	5.715	5.715	0.000	76	40406	1000.0	1000.0	
74 Methyl methacrylate	100	5.745	5.739	0.006	94	27516	40.0	37.0	
75 1,4-Dioxane	88	5.769	5.769	0.000	91	17401	400.0	449.7	
76 Dibromomethane	93	5.788	5.788	0.000	95	36508	20.0	19.0	
77 n-Propyl acetate	43	5.800	5.800	0.000	99	106162	20.0	23.0	
78 Dichlorobromomethane	83	5.940	5.940	0.000	98	67976	20.0	19.7	
79 2-Nitropropane	41	6.274	6.268	0.006	98	26529	NC	NC	
80 2-Chloroethyl vinyl ether	63	6.280	6.274	0.006	39	1109	20.0	0.5829	
81 Epichlorohydrin	57	6.378	6.378	0.000	99	144686	400.0	399.2	
82 cis-1,3-Dichloropropene	75	6.432	6.432	0.000	95	88783	20.0	21.7	
83 4-Methyl-2-pentanone (MIBK)	43	6.603	6.603	0.000	98	379094	100.0	97.7	
\$ 84 Toluene-d8 (Surr)	98	6.676	6.676	0.000	98	447799	50.0	41.7	
85 Toluene	91	6.749	6.749	0.000	93	237735	20.0	21.1	

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	7.096	7.096	0.000	97	75016	20.0	20.9	
87 Ethyl methacrylate	69	7.132	7.132	0.000	94	67382	NC	NC	
88 1,1,2-Trichloroethane	83	7.309	7.309	-0.001	96	46566	20.0	21.4	
89 Tetrachloroethene	166	7.351	7.345	0.006	93	47165	20.0	18.5	
90 1,3-Dichloropropane	76	7.515	7.515	0.000	96	91468	20.0	22.6	
91 2-Hexanone	58	7.588	7.582	0.006	99	119019	100.0	92.1	
92 n-Butyl acetate	43	7.704	7.704	0.000	98	99504	20.0	22.7	
93 Chlorodibromomethane	129	7.740	7.740	0.000	98	42168	20.0	18.8	
94 Ethylene Dibromide	107	7.893	7.893	0.000	99	49011	20.0	20.5	
* 95 Chlorobenzene-d5	117	8.434	8.434	0.000	89	447621	50.0	50.0	
96 Chlorobenzene	112	8.470	8.470	0.000	92	141774	20.0	20.2	
97 Ethylbenzene	106	8.580	8.580	0.000	99	72634	20.0	19.5	
98 1,1,1,2-Tetrachloroethane	131	8.592	8.592	0.000	93	47507	20.0	19.5	
99 m-Xylene & p-Xylene	106	8.738	8.738	0.000	99	88364	20.0	19.7	
101 n-Butyl acrylate	73	9.249	9.249	0.000	66	36408	20.0	19.0	
100 o-Xylene	106	9.249	9.249	0.000	92	92414	20.0	19.7	
102 Styrene	104	9.286	9.286	0.000	93	148848	20.0	20.2	
104 Bromoform	173	9.529	9.523	0.006	94	25381	20.0	17.6	
103 Amyl acetate (mixed isomers)	43	9.529	9.529	0.000	90	102429	20.0	21.6	
105 Isopropylbenzene	105	9.681	9.681	0.000	97	222601	20.0	20.3	
\$ 106 4-Bromofluorobenzene	174	9.900	9.900	0.000	87	121765	50.0	36.3	
107 Bromobenzene	156	10.040	10.040	0.000	96	58133	20.0	18.9	
108 1,1,2,2-Tetrachloroethane	83	10.107	10.107	0.000	98	78358	20.0	22.7	
109 N-Propylbenzene	91	10.131	10.131	0.000	99	269222	20.0	21.6	
110 1,2,3-Trichloropropane	110	10.156	10.150	0.006	99	20276	20.0	20.3	
111 trans-1,4-Dichloro-2-butene	53	10.180	10.180	0.000	82	19402	NC	NC	
112 2-Chlorotoluene	91	10.241	10.241	0.000	97	223024	20.0	24.2	
113 4-Ethyltoluene	105	10.259	10.253	0.006	97	222378	NC	NC	
114 1,3,5-Trimethylbenzene	105	10.332	10.332	0.000	92	193598	20.0	21.4	
115 4-Chlorotoluene	91	10.362	10.362	0.000	99	198921	20.0	23.8	
116 Butyl Methacrylate	87	10.448	10.448	0.000	94	58339	20.0	19.8	
117 tert-Butylbenzene	119	10.636	10.636	0.000	93	144211	20.0	21.3	
118 1,2,4-Trimethylbenzene	105	10.697	10.697	0.000	98	202691	20.0	20.8	
119 sec-Butylbenzene	105	10.849	10.849	0.000	99	215069	20.0	22.4	
120 1,3-Dichlorobenzene	146	10.977	10.977	0.000	94	113200	20.0	20.2	
121 4-Isopropyltoluene	119	10.989	10.989	0.000	97	183584	20.0	21.6	
* 122 1,4-Dichlorobenzene-d4	152	11.050	11.050	0.000	97	242407	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.068	11.068	0.000	95	114292	20.0	19.6	
124 1,2,3-Trimethylbenzene	105	11.099	11.099	0.000	99	221698	20.0	21.1	
125 Benzyl chloride	126	11.214	11.208	0.006	98	18298	20.0	17.4	
126 2,3-Dihydroindene	117	11.269	11.269	0.000	94	215639	NC	NC	
127 p-Diethylbenzene	119	11.336	11.336	0.000	92	100612	NC	NC	
128 n-Butylbenzene	92	11.354	11.354	0.000	97	100439	20.0	24.6	
129 1,2-Dichlorobenzene	146	11.403	11.403	0.000	94	119200	20.0	19.7	
130 1,2,4,5-Tetramethylbenzene	119	11.999	11.999	0.000	97	182922	NC	NC	
131 1,2-Dibromo-3-Chloropropane	157	12.084	12.084	0.000	93	14316	20.0	19.2	
132 1,3,5-Trichlorobenzene	180	12.200	12.200	0.000	97	86519	NC	NC	
133 1,2,4-Trichlorobenzene	180	12.699	12.699	0.000	93	83055	20.0	19.7	
134 Hexachlorobutadiene	225	12.784	12.784	0.000	95	21682	20.0	19.6	
135 Naphthalene	128	12.887	12.887	0.000	99	225117	20.0	18.6	
136 1,2,3-Trichlorobenzene	180	13.070	13.070	0.000	95	77425	20.0	19.3	
S 137 1,2-Dichloroethene, Total	100				0		40.0	40.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	39.4	
S 139 Total BTEX	1				0		100.0	102.6	

QC Flag Legend

Processing Flags

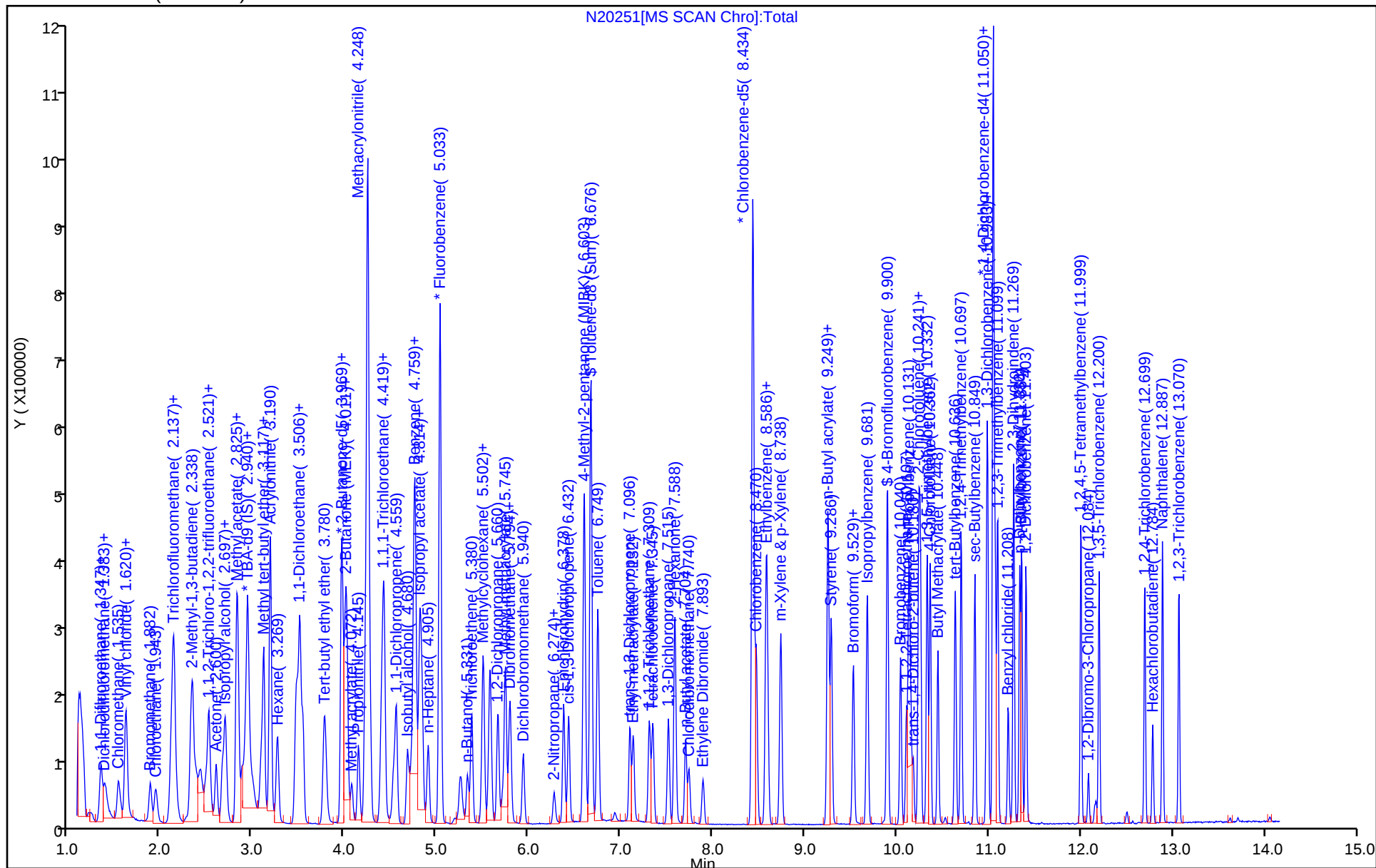
NC - Not Calibrated

Reagents:

GASES Li_00371	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00119	Amount Added: 20.00	Units: uL	
ACROLEIN W_00107	Amount Added: 4.00	Units: uL	
8260SURR250_00208	Amount Added: 1.00	Units: uL	Run Reagent
8260ISNEW_00139	Amount Added: 1.00	Units: uL	Run Reagent

Data File:	\\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\N20251.D		
Injection Date:	12-Jun-2020 11:21:30	Instrument ID:	CVOAMS11
Lims ID:	460-210584-B-1 MS		
Client ID:			
Purge Vol:	5.000 mL	Dil. Factor:	10.0000
Method:	8260W_11	Limit Group:	VOA 624.1 ICAL
Column:	Rtx-624 (0.25 mm)		

ALS Bottle#: 14



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 460-210584-B-1 MSD

Matrix: Water Lab File ID: N20252.D

Analysis Method: 624.1 Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 06/12/2020 11:43

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.: 700829 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	208		10	4.1
74-87-3	Chloromethane	138		10	4.3
74-83-9	Bromomethane	134		10	4.5
75-01-4	Vinyl chloride	155		10	3.4
75-00-3	Ethyl Chloride	206		10	3.2
75-69-4	Trichlorofluoromethane	197		10	1.4
76-13-1	Freon TF	201		10	3.1
75-09-2	Methylene Chloride	203		10	3.2
67-64-1	Acetone	862		60	50
75-15-0	Carbon disulfide	212		10	1.6
79-20-9	Methyl acetate	352		50	3.1
75-35-4	1,1-Dichloroethene	199		10	1.2
75-34-3	1,1-Dichloroethane	224		10	2.6
156-59-2	cis-1,2-Dichloroethene	203		10	2.2
156-60-5	trans-1,2-Dichloroethene	204		10	2.4
1634-04-4	MTBE	211		10	2.0
67-66-3	Chloroform	205		10	3.3
107-06-2	1,2-Dichloroethane	202		10	8.4
78-93-3	2-Butanone	881		50	19
71-55-6	1,1,1-Trichloroethane	198		10	2.4
110-82-7	Cyclohexane	220		10	3.2
56-23-5	Carbon tetrachloride	194		10	2.1
75-27-4	Bromodichloromethane	194		10	3.4
78-87-5	1,2-Dichloropropane	223		10	3.5
10061-01-5	cis-1,3-Dichloropropene	209		10	4.6
79-01-6	Trichloroethene	195		10	3.1
108-87-2	Methylcyclohexane	230		10	2.6
124-48-1	Dibromochloromethane	183		10	1.3
79-00-5	1,1,2-Trichloroethane	202		10	1.5
71-43-2	Benzene	221		10	4.3
10061-02-6	trans-1,3-Dichloropropene	210		10	2.2
75-25-2	Bromoform	181		10	5.4
98-82-8	Isopropylbenzene	202		10	1.6
108-10-1	4-Methyl-2-pentanone	926		50	27
591-78-6	2-Hexanone	926		50	29
127-18-4	Tetrachloroethene	181		10	2.5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-210584-B-1 MSD
 Matrix: Water Lab File ID: N20252.D
 Analysis Method: 624.1 Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 06/12/2020 11:43
 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.: 700829 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	200		10	5.0
108-88-3	Toluene	203		10	3.8
79-34-5	1,1,2,2-Tetrachloroethane	222		10	3.7
108-90-7	Chlorobenzene	203		10	3.8
100-41-4	Ethylbenzene	193		10	3.0
100-42-5	Styrene	198		10	4.2
96-12-8	1,2-Dibromo-3-Chloropropane	188		10	3.8
541-73-1	1,3-Dichlorobenzene	197		10	1.3
106-46-7	1,4-Dichlorobenzene	192		10	1.8
95-50-1	1,2-Dichlorobenzene	195		10	1.9
120-82-1	1,2,4-Trichlorobenzene	197		10	3.7
1330-20-7	Xylenes, Total	385		20	6.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		60-140
2037-26-5	Toluene-d8 (Surr)	106		60-140
460-00-4	Bromofluorobenzene	90		60-140
1868-53-7	Dibromofluoromethane (Surr)	99		60-140

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\N20252.D
 Lims ID: 460-210584-B-1 MSD
 Client ID:
 Sample Type: MSD
 Inject. Date: 12-Jun-2020 11:43:30 ALS Bottle#: 15 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 10.0000
 Sample Info: 460-210584-B-1 MSD
 Misc. Info.: 460-0111517-016
 Operator ID: Instrument ID: CVOAMS11
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\8260W_11.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 12-Jun-2020 12:00:28 Calib Date: 13-May-2020 17:15:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Edison\ChromData\CVOAMS11\20200513-110045.b\N19007.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1017

First Level Reviewer: moroneyc

Date: 12-Jun-2020 12:00:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoromethane	69	1.267	1.158	0.109	86	2795		NC	
3 1,1-Difluoroethane	51	1.353	1.341	0.012	96	67866		NC	
4 Chlorotrifluoroethene	116	1.347	1.347	0.000	50	18471		NC	
5 Dichlorodifluoromethane	87	1.383	1.359	0.024	99	24740	20.0	20.8	
6 Chlorodifluoromethane	51	1.401	1.395	0.006	97	87560		NC	
7 Chloromethane	52	1.541	1.529	0.012	99	33038	20.0	13.8	
8 Vinyl chloride	62	1.626	1.608	0.018	82	82362	20.0	15.5	
9 Butadiene	54	1.626	1.614	0.012	96	70106	20.0	16.3	
10 Bromomethane	94	1.888	1.876	0.012	98	47779	20.0	13.4	
11 Chloroethane	64	1.949	1.937	0.012	100	55407	20.0	20.6	
12 Dichlorofluoromethane	67	2.119	2.113	0.006	98	132014	NC	NC	
13 Trichlorofluoromethane	101	2.125	2.113	0.012	56	82386	20.0	19.7	
14 Pentane	72	2.144	2.137	0.007	97	19318	40.0	38.0	
15 Ethanol	46	2.326	2.314	0.012	81	14536	800.0	745.0	
16 Ethyl ether	74	2.326	2.320	0.006	90	38729	20.0	21.4	
17 2-Methyl-1,3-butadiene	53	2.350	2.338	0.012	97	53178	20.0	22.0	
18 1,2-Dichloro-1,1,2-trifluoroethane	117	2.387	2.381	0.006	94	45676		NC	
20 Acrolein	56	2.490	2.472	0.018	92	17979	40.0	35.0	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.515	2.496	0.019	93	48782	20.0	20.1	
22 1,1-Dichloroethene	96	2.527	2.515	0.012	95	51131	20.0	19.9	
23 Acetone	58	2.606	2.594	0.012	87	37107	100.0	86.2	
24 Iodomethane	142	2.673	2.661	0.012	98	98942	20.0	18.4	
25 Isopropyl alcohol	45	2.685	2.679	0.006	34	46237	200.0	217.8	
26 Carbon disulfide	76	2.703	2.691	0.012	100	209625	20.0	21.2	
27 3-Chloro-1-propene	76	2.825	2.819	0.006	95	33928	20.0	19.8	
28 Methyl acetate	74	2.831	2.825	0.006	99	23636	40.0	35.2	
29 Cyclopentene	67	2.843	2.831	0.012	94	146710	NC	NC	
30 Acetonitrile	41	2.886	2.880	0.006	97	108867	200.0	201.7	
* 31 TBA-d9 (IS)	66	2.940	2.934	0.006	94	59896	1000.0	1000.0	
32 Methylene Chloride	84	2.947	2.941	0.007	98	71159	20.0	20.3	
33 2-Methyl-2-propanol	59	3.007	2.989	0.018	98	67100	200.0	189.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Methyl tert-butyl ether	73	3.105	3.093	0.012	98	166955	20.0	21.1	
35 trans-1,2-Dichloroethene	96	3.123	3.111	0.012	98	58908	20.0	20.4	
36 Acrylonitrile	53	3.190	3.184	0.006	94	322871	200.0	197.0	
37 Hexane	56	3.269	3.263	0.006	95	35039	20.0	24.9	
38 Isopropyl ether	45	3.476	3.470	0.006	97	229509	20.0	22.1	
39 1,1-Dichloroethane	63	3.506	3.500	0.006	100	116633	20.0	22.4	
40 Vinyl acetate	86	3.518	3.512	0.006	100	24377	40.0	34.5	
41 2-Chloro-1,3-butadiene	88	3.549	3.537	0.012	91	48142	NC	NC	
42 Tert-butyl ethyl ether	59	3.780	3.774	0.006	88	188879	NC	NC	
* 43 2-Butanone-d5	46	3.969	3.963	0.006	96	507500	250.0	250.0	
44 2,2-Dichloropropane	79	3.987	3.987	0.000	46	24892	20.0	19.8	a
45 cis-1,2-Dichloroethene	96	4.005	3.999	0.006	93	65025	20.0	20.3	
46 2-Butanone (MEK)	72	4.017	4.017	0.000	98	42663	100.0	88.1	
47 Ethyl acetate	70	4.029	4.017	0.012	95	16271	40.0	37.2	
48 Methyl acrylate	55	4.078	4.072	0.006	99	62385	NC	NC	
49 Propionitrile	54	4.151	4.145	0.006	98	125238	NC	NC	
50 Tetrahydrofuran	72	4.218	4.212	0.006	67	22670	40.0	44.1	
51 Chlorobromomethane	128	4.224	4.218	0.006	92	30357	20.0	18.6	
52 Methacrylonitrile	67	4.248	4.242	0.006	95	315972	NC	NC	
53 Chloroform	83	4.279	4.273	0.006	97	103769	20.0	20.5	
54 Cyclohexane	84	4.407	4.401	0.006	97	79193	20.0	22.0	
55 1,1,1-Trichloroethane	97	4.419	4.413	0.006	98	76731	20.0	19.8	
\$ 56 Dibromofluoromethane (Surr)	113	4.431	4.425	0.006	96	146135	50.0	49.3	
57 Carbon tetrachloride	117	4.534	4.528	0.006	97	58058	20.0	19.4	
58 1,1-Dichloropropene	75	4.559	4.553	0.006	95	74174	20.0	21.4	
59 Isobutyl alcohol	43	4.686	4.680	0.006	95	90912	NC	NC	
61 Benzene	78	4.753	4.747	0.006	97	250115	20.0	22.1	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	4.772	4.766	0.006	95	188201	50.0	52.3	
64 Isopropyl acetate	43	4.814	4.808	0.006	95	186567	20.0	19.8	
63 Tert-amyl methyl ether	73	4.820	4.820	0.000	92	176189	NC	NC	
65 1,2-Dichloroethane	62	4.845	4.839	0.006	96	80488	20.0	20.2	
66 n-Heptane	57	4.905	4.899	0.006	95	29588	20.0	26.1	
* 67 Fluorobenzene	96	5.033	5.033	0.000	98	650793	50.0	50.0	
68 n-Butanol	56	5.331	5.331	0.000	93	40416	500.0	507.2	
69 Trichloroethene	95	5.380	5.374	0.006	97	53281	20.0	19.5	
71 Methylcyclohexane	83	5.502	5.502	0.000	80	77264	20.0	23.0	
70 Ethyl acrylate	99	5.502	5.502	0.000	97	7597	20.0	20.9	
72 1,2-Dichloropropane	63	5.666	5.666	0.000	92	66630	20.0	22.3	
* 73 1,4-Dioxane-d8	96	5.721	5.715	0.006	90	40608	1000.0	1000.0	
74 Methyl methacrylate	100	5.745	5.739	0.006	94	28582	40.0	38.8	
75 1,4-Dioxane	88	5.775	5.769	0.006	90	17077	400.0	439.1	
76 Dibromomethane	93	5.788	5.788	0.000	96	36239	20.0	19.1	
77 n-Propyl acetate	43	5.800	5.800	0.000	99	101247	20.0	22.2	
78 Dichlorobromomethane	83	5.940	5.940	0.000	99	66309	20.0	19.4	
79 2-Nitropropane	41	6.274	6.268	0.006	97	25845	NC	NC	
80 2-Chloroethyl vinyl ether	63	6.286	6.274	0.012	38	846	20.0	0.4492	
81 Epichlorohydrin	57	6.378	6.378	0.000	99	141506	400.0	383.4	
82 cis-1,3-Dichloropropene	75	6.432	6.432	0.000	94	86797	20.0	20.9	
83 4-Methyl-2-pentanone (MIBK)	43	6.603	6.603	0.000	98	365626	100.0	92.6	
\$ 84 Toluene-d8 (Surr)	98	6.676	6.676	0.000	99	576930	50.0	53.0	
85 Toluene	91	6.749	6.749	0.000	93	232687	20.0	20.3	
86 trans-1,3-Dichloropropene	75	7.102	7.096	0.006	98	76374	20.0	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 Ethyl methacrylate	69	7.132	7.132	0.000	92	71521	NC	NC	
88 1,1,2-Trichloroethane	83	7.308	7.309	-0.001	96	44671	20.0	20.2	
89 Tetrachloroethene	166	7.345	7.345	0.000	94	46893	20.0	18.1	
90 1,3-Dichloropropane	76	7.521	7.515	0.006	96	90138	20.0	21.9	
91 2-Hexanone	58	7.588	7.582	0.006	98	121843	100.0	92.6	
92 n-Butyl acetate	43	7.704	7.704	0.000	99	102234	20.0	23.0	
93 Chlorodibromomethane	129	7.740	7.740	0.000	97	41666	20.0	18.3	
94 Ethylene Dibromide	107	7.893	7.893	-0.001	98	48626	20.0	20.0	
* 95 Chlorobenzene-d5	117	8.440	8.434	0.006	89	453832	50.0	50.0	
96 Chlorobenzene	112	8.470	8.470	0.000	92	144484	20.0	20.3	
97 Ethylbenzene	106	8.580	8.580	0.000	99	72938	20.0	19.3	
98 1,1,1,2-Tetrachloroethane	131	8.592	8.592	0.000	93	48219	20.0	19.5	
99 m-Xylene & p-Xylene	106	8.738	8.738	0.000	99	89461	20.0	19.6	
101 n-Butyl acrylate	73	9.249	9.249	0.000	65	37792	20.0	19.4	
100 o-Xylene	106	9.249	9.249	0.000	92	89406	20.0	18.8	
102 Styrene	104	9.286	9.286	0.000	93	147755	20.0	19.8	
104 Bromoform	173	9.523	9.523	0.000	51	26483	20.0	18.1	
103 Amyl acetate (mixed isomers)	43	9.529	9.529	0.000	89	109056	20.0	22.7	
105 Isopropylbenzene	105	9.681	9.681	0.000	97	224618	20.0	20.2	
\$ 106 4-Bromofluorobenzene	174	9.900	9.900	0.000	86	153821	50.0	45.2	
107 Bromobenzene	156	10.046	10.040	0.006	97	57764	20.0	18.5	
108 1,1,2,2-Tetrachloroethane	83	10.101	10.107	-0.006	97	77645	20.0	22.2	
109 N-Propylbenzene	91	10.131	10.131	0.000	99	270615	20.0	21.4	
110 1,2,3-Trichloropropane	110	10.150	10.150	0.000	98	21245	20.0	21.0	
111 trans-1,4-Dichloro-2-butene	53	10.180	10.180	0.000	75	19806	NC	NC	a
112 2-Chlorotoluene	91	10.241	10.241	0.000	97	208332	20.0	22.3	
113 4-Ethyltoluene	105	10.259	10.253	0.006	98	222563	NC	NC	
114 1,3,5-Trimethylbenzene	105	10.332	10.332	0.000	92	196273	20.0	21.4	
115 4-Chlorotoluene	91	10.362	10.362	0.000	99	189095	20.0	22.3	
116 Butyl Methacrylate	87	10.448	10.448	0.000	94	58926	20.0	19.7	
117 tert-Butylbenzene	119	10.636	10.636	0.000	92	142906	20.0	20.8	
118 1,2,4-Trimethylbenzene	105	10.697	10.697	0.000	98	205346	20.0	20.8	
119 sec-Butylbenzene	105	10.849	10.849	0.000	99	216061	20.0	22.2	
120 1,3-Dichlorobenzene	146	10.977	10.977	0.000	93	111875	20.0	19.7	
121 4-Isopropyltoluene	119	10.989	10.989	0.000	97	180330	20.0	21.0	
* 122 1,4-Dichlorobenzene-d4	152	11.050	11.050	0.000	97	245714	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.068	11.068	0.000	95	113442	20.0	19.2	
124 1,2,3-Trimethylbenzene	105	11.099	11.099	0.000	99	223973	20.0	21.0	
125 Benzyl chloride	126	11.214	11.208	0.006	97	18400	20.0	17.3	
126 2,3-Dihydroindene	117	11.269	11.269	0.000	94	214142	NC	NC	
127 p-Diethylbenzene	119	11.336	11.336	0.000	93	99560	NC	NC	
128 n-Butylbenzene	92	11.360	11.354	0.006	97	100956	20.0	24.4	
129 1,2-Dichlorobenzene	146	11.403	11.403	0.000	94	119384	20.0	19.5	
130 1,2,4,5-Tetramethylbenzene	119	12.005	11.999	0.006	97	183041	NC	NC	
131 1,2-Dibromo-3-Chloropropane	157	12.084	12.084	0.000	92	14220	20.0	18.8	
132 1,3,5-Trichlorobenzene	180	12.200	12.200	0.000	96	86943	NC	NC	
133 1,2,4-Trichlorobenzene	180	12.699	12.699	0.000	94	84321	20.0	19.7	
134 Hexachlorobutadiene	225	12.784	12.784	0.000	94	20830	20.0	18.6	
135 Naphthalene	128	12.887	12.887	0.000	99	234072	20.0	19.1	
136 1,2,3-Trichlorobenzene	180	13.070	13.070	0.000	96	80657	20.0	19.9	
S 137 1,2-Dichloroethene, Total	100				0		40.0	40.6	
S 138 Xylenes, Total	100				0		40.0	38.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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S 139 Total BTEX

1

0

100.0

100.3

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00371

Amount Added: 20.00

Units: uL

8260MIX1COMB_00119

Amount Added: 20.00

Units: uL

ACROLEIN W_00107

Amount Added: 4.00

Units: uL

8260SURR250_00208

Amount Added: 1.00

Units: uL

Run Reagent

8260ISNEW_00139

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20200612-111517.b\N20252.D

Injection Date: 12-Jun-2020 11:43:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: 460-210584-B-1 MSD

Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL

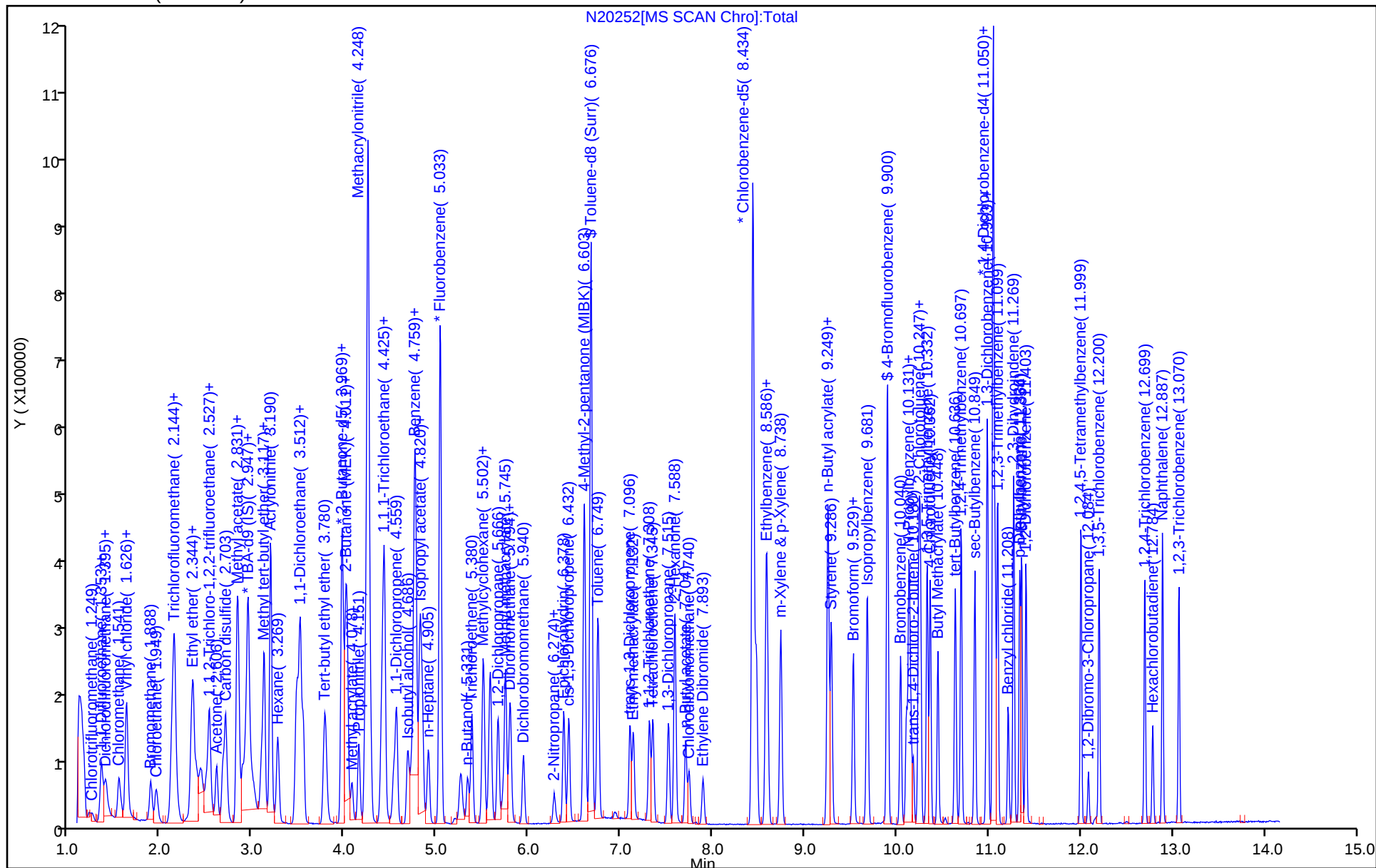
Dil. Factor: 10.0000

ALS Bottle#: 15

Method: 8260W_11

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1

SDG No.: _____

Instrument ID: CVOAMS11 Start Date: 05/13/2020 14:11Analysis Batch Number: 694172 End Date: 05/13/2020 20:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-694172/1		05/13/2020 14:11	1	N18999.D	Rtx-624 0.25 (mm)
STD7 460-694172/3 IC		05/13/2020 14:57	1	N19001.D	Rtx-624 0.25 (mm)
STD1 460-694172/4 IC		05/13/2020 15:22	1	N19002.D	Rtx-624 0.25 (mm)
STD5 460-694172/5 IC		05/13/2020 15:45	1	N19003.D	Rtx-624 0.25 (mm)
STD20 460-694172/6 ICIS		05/13/2020 16:08	1	N19004.D	Rtx-624 0.25 (mm)
STD50 460-694172/7 IC		05/13/2020 16:30	1	N19005.D	Rtx-624 0.25 (mm)
STD200 460-694172/8 IC		05/13/2020 16:53	1	N19006.D	Rtx-624 0.25 (mm)
STD500 460-694172/9 IC		05/13/2020 17:15	1	N19007.D	Rtx-624 0.25 (mm)
ICV 460-694172/16		05/13/2020 20:30	1		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, EdisonJob No.: 460-210542-1

SDG No.: _____

Instrument ID: CVOAMS11Start Date: 06/12/2020 06:01Analysis Batch Number: 700829End Date: 06/12/2020 16:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-700829/1		06/12/2020 06:01	1	N20237.D	Rtx-624 0.25 (mm)
CCVIS 460-700829/3		06/12/2020 06:49	1	N20239.D	Rtx-624 0.25 (mm)
LCS 460-700829/4		06/12/2020 07:11	1	N20240.D	Rtx-624 0.25 (mm)
MB 460-700829/9		06/12/2020 09:04	1	N20245.D	Rtx-624 0.25 (mm)
ZZZZZ		06/12/2020 09:27	1		Rtx-624 0.25 (mm)
ZZZZZ		06/12/2020 09:50	1		Rtx-624 0.25 (mm)
ZZZZZ		06/12/2020 10:13	1		Rtx-624 0.25 (mm)
ZZZZZ		06/12/2020 10:36	1		Rtx-624 0.25 (mm)
ZZZZZ		06/12/2020 10:58	1		Rtx-624 0.25 (mm)
460-210584-B-1 MS		06/12/2020 11:21	10	N20251.D	Rtx-624 0.25 (mm)
460-210584-B-1 MSD		06/12/2020 11:43	10	N20252.D	Rtx-624 0.25 (mm)
ZZZZZ		06/12/2020 12:51	1		Rtx-624 0.25 (mm)
ZZZZZ		06/12/2020 13:14	1		Rtx-624 0.25 (mm)
ZZZZZ		06/12/2020 13:36	250		Rtx-624 0.25 (mm)
ZZZZZ		06/12/2020 13:59	1		Rtx-624 0.25 (mm)
460-210542-2		06/12/2020 14:21	1	N20259.D	Rtx-624 0.25 (mm)
460-210542-1		06/12/2020 14:44	1	N20260.D	Rtx-624 0.25 (mm)
ZZZZZ		06/12/2020 15:06	1		Rtx-624 0.25 (mm)
ZZZZZ		06/12/2020 15:29	1		Rtx-624 0.25 (mm)
ZZZZZ		06/12/2020 15:52	1		Rtx-624 0.25 (mm)
ZZZZZ		06/12/2020 16:14	1		Rtx-624 0.25 (mm)
ZZZZZ		06/12/2020 16:37	1		Rtx-624 0.25 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-210542-1

SDG No.: _____

Batch Number: 700829 Batch Start Date: 06/12/20 06:01 Batch Analyst: Moroney, Christopher JBatch Method: 624.1 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	8260ISNEW 00139	8260MIX1COMB 00119	8260SURR250 00208	ACROLEIN W 00107
BFB 460-700829/1		624.1		5 mL	5				
CCVIS 460-700829/3		624.1		5 mL	5 mL	1 uL	20 uL	1 uL	4 uL
LCS 460-700829/4		624.1		5 mL	5 mL	1 uL	20 uL	1 uL	4 uL
MB 460-700829/9		624.1		5 mL	5 mL	1 uL		1 uL	
460-210584-B-1 MS		624.1	T	5 mL	5 mL	1 uL	20 uL	1 uL	4 uL
460-210584-B-1 MSD		624.1	T	5 mL	5 mL	1 uL	20 uL	1 uL	4 uL
460-210542-B-2	Effluent	624.1	T	5 mL	5 mL	1 uL		1 uL	
460-210542-B-1	Epa-ext-02	624.1	T	5 mL	5 mL	1 uL		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	BFB 00025	GASES Li 00371				
BFB 460-700829/1		624.1		1 uL					
CCVIS 460-700829/3		624.1			20 uL				
LCS 460-700829/4		624.1			20 uL				
MB 460-700829/9		624.1							
460-210584-B-1 MS		624.1	T		20 uL				
460-210584-B-1 MSD		624.1	T		20 uL				
460-210542-B-2	Effluent	624.1	T						
460-210542-B-1	Epa-ext-02	624.1	T						

Batch Notes	

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.

624.1

Page 1 of 1

Shipping and Receiving Documents

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 460-210542-1

Login Number: 210542

List Source: Eurofins TestAmerica, Edison

List Number: 1

Creator: Lysy, Susan

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	