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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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LAB CHRONICLE

OrderID:	P5246	**OrderDate:**	12/10/2024 3:15:00 PM
Client:	PARSONS Main of New York, Inc.	**Project:**	Con Edison Non-MGP - Atlantic Avenue
Contact:	Stephen Liberatore	**Location:**	L41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5246-01	**MW7-20241209**	**Water**			**12/09/24**			**12/10/24**
			VOCMS Group1	8260-Low			12/10/24	
P5246-02	**TB-20241209**	**Water**			**12/09/24**			**12/10/24**
			VOCMS Group1	8260-Low			12/10/24	

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Hit Summary Sheet
SW-846

SDG No.: P5246

Client: PARSONS Main of New York, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**MW7-20241209**							
P5246-01	MW7-20241209	Water	Methylene Chloride	0.33	J	0.32	1.00	ug/L
P5246-01	MW7-20241209	Water	Chloroform	4.80		0.26	1.00	ug/L
			Total Voc :	5.13				
			Total Concentration:	5.13				
Client ID:	**TB-20241209**							
P5246-02	TB-20241209	Water	Acetone	1.40	J	1.40	5.00	ug/L
P5246-02	TB-20241209	Water	Methylene Chloride	0.32	J	0.32	1.00	ug/L
			Total Voc :	1.72				
			Total Concentration:	1.72				

QC SUMMARY

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Surrogate Summary

SDG No.: P5246

Client: PARSONS Main of New York, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
P5246-01	MW7-20241209	1,2-Dichloroethane-d4	50	52.9	106	74	125
		Dibromofluoromethane	50	47.2	94	75	124
		Toluene-d8	50	49.8	100	86	113
		4-Bromofluorobenzene	50	49.8	100	77	121
P5246-02	TB-20241209	1,2-Dichloroethane-d4	50	54.4	109	74	125
		Dibromofluoromethane	50	46.1	92	75	124
		Toluene-d8	50	49.6	99	86	113
		4-Bromofluorobenzene	50	50.3	101	77	121
VX1210WBL01	VX1210WBL01	1,2-Dichloroethane-d4	50	49.7	99	74	125
		Dibromofluoromethane	50	46.4	93	75	124
		Toluene-d8	50	49.1	98	86	113
		4-Bromofluorobenzene	50	47.5	95	77	121
VX1210WBS01	VX1210WBS01	1,2-Dichloroethane-d4	50	52.6	105	74	125
		Dibromofluoromethane	50	50.9	102	75	124
		Toluene-d8	50	49.6	99	86	113
		4-Bromofluorobenzene	50	51.7	103	77	121
VX1210WBSD0	VX1210WBSD01	1,2-Dichloroethane-d4	50	51.3	103	74	125
		Dibromofluoromethane	50	51.1	102	75	124
		Toluene-d8	50	49.7	99	86	113
		4-Bromofluorobenzene	50	53.8	108	77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5246

Client: PARSONS Main of New York, Inc.

Analytical Method: SW8260-Low **Datafile :** VX044201.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1210WBS01	Dichlorodifluoromethane	20	15.1	ug/L	76			69	116	
	Chloromethane	20	15.9	ug/L	79			65	116	
	Vinyl chloride	20	17.7	ug/L	89			65	117	
	Bromomethane	20	20.3	ug/L	102			58	125	
	Chloroethane	20	21.4	ug/L	107			56	128	
	Trichlorofluoromethane	20	19.2	ug/L	96			73	115	
	1,1,2-Trichlorotrifluoroethane	20	18.1	ug/L	91			80	112	
	1,1-Dichloroethene	20	17.5	ug/L	88			74	110	
	Acetone	100	91.1	ug/L	91			60	125	
	Carbon disulfide	20	12.9	ug/L	65			64	112	
	Methyl tert-butyl Ether	20	20.4	ug/L	102			78	114	
	Methyl Acetate	20	20.4	ug/L	102			67	125	
	Methylene Chloride	20	18.4	ug/L	92			72	114	
	trans-1,2-Dichloroethene	20	17.6	ug/L	88			75	108	
	1,1-Dichloroethane	20	19.2	ug/L	96			78	112	
	Cyclohexane	20	17.7	ug/L	89			75	110	
	2-Butanone	100	100	ug/L	100			65	122	
	Carbon Tetrachloride	20	18.3	ug/L	92			77	113	
	cis-1,2-Dichloroethene	20	19.2	ug/L	96			77	110	
	Bromochloromethane	20	21.3	ug/L	106			70	124	
	Chloroform	20	20.1	ug/L	101			79	113	
	1,1,1-Trichloroethane	20	20.2	ug/L	101			80	108	
	Methylcyclohexane	20	16.8	ug/L	84			72	115	
	Benzene	20	19.0	ug/L	95			82	109	
	1,2-Dichloroethane	20	20.2	ug/L	101			80	115	
	Trichloroethene	20	16.4	ug/L	82			77	113	
	1,2-Dichloropropane	20	19.7	ug/L	99			83	111	
	Bromodichloromethane	20	20.0	ug/L	100			83	110	
	4-Methyl-2-Pentanone	100	110	ug/L	110			74	118	
	Toluene	20	19.9	ug/L	100			82	110	
	t-1,3-Dichloropropene	20	18.8	ug/L	94			79	110	
	cis-1,3-Dichloropropene	20	18.8	ug/L	94			82	110	
	1,1,2-Trichloroethane	20	20.2	ug/L	101			83	112	
	2-Hexanone	100	110	ug/L	110			73	117	
	Dibromochloromethane	20	18.8	ug/L	94			82	110	
	1,2-Dibromoethane	20	20.6	ug/L	103			81	110	
	Tetrachloroethene	20	19.9	ug/L	100			67	123	
	Chlorobenzene	20	19.6	ug/L	98			82	109	
	Ethyl Benzene	20	20.0	ug/L	100			83	109	
	m/p-Xylenes	40	40.3	ug/L	101			82	110	
	o-Xylene	20	20.3	ug/L	102			83	109	
	Styrene	20	20.2	ug/L	101			80	111	
	Bromoform	20	17.7	ug/L	89			79	109	
	Isopropylbenzene	20	20.1	ug/L	101			83	112	
	1,1,2,2-Tetrachloroethane	20	20.7	ug/L	104			76	118	
	1,3-Dichlorobenzene	20	19.0	ug/L	95			82	108	
	1,4-Dichlorobenzene	20	19.4	ug/L	97			82	107	
	1,2-Dichlorobenzene	20	19.7	ug/L	99			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5246

Client: PARSONS Main of New York, Inc.

Analytical Method: SW8260-Low **Datafile :** VX044201.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1210WBS01	1,2-Dibromo-3-Chloropropane	20	19.1	ug/L	96			68	112	
	1,2,4-Trichlorobenzene	20	17.4	ug/L	87			75	113	
	1,2,3-Trichlorobenzene	20	19.0	ug/L	95			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5246

Client: PARSONS Main of New York, Inc.

Analytical Method: SW8260-Low **Datafile :** VX044202.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1210WBSD01	Dichlorodifluoromethane	20	17.0	ug/L	85	11		69	116	20
	Chloromethane	20	17.1	ug/L	86	8		65	116	20
	Vinyl chloride	20	18.5	ug/L	93	4		65	117	20
	Bromomethane	20	21.9	ug/L	110	8		58	125	20
	Chloroethane	20	22.5	ug/L	113	5		56	128	20
	Trichlorofluoromethane	20	23.0	ug/L	115	18		73	115	20
	1,1,2-Trichlorotrifluoroethane	20	20.4	ug/L	102	11		80	112	20
	1,1-Dichloroethene	20	19.1	ug/L	96	9		74	110	20
	Acetone	100	110	ug/L	110	19		60	125	20
	Carbon disulfide	20	13.8	ug/L	69	6		64	112	20
	Methyl tert-butyl Ether	20	21.9	ug/L	110	8		78	114	20
	Methyl Acetate	20	22.9	ug/L	115	12		67	125	20
	Methylene Chloride	20	19.4	ug/L	97	5		72	114	20
	trans-1,2-Dichloroethene	20	20.2	ug/L	101	14		75	108	20
	1,1-Dichloroethane	20	20.5	ug/L	103	7		78	112	20
	Cyclohexane	20	19.6	ug/L	98	10		75	110	20
	2-Butanone	100	120	ug/L	120	18		65	122	20
	Carbon Tetrachloride	20	20.4	ug/L	102	10		77	113	20
	cis-1,2-Dichloroethene	20	20.2	ug/L	101	5		77	110	20
	Bromochloromethane	20	17.6	ug/L	88	19		70	124	20
	Chloroform	20	21.5	ug/L	108	7		79	113	20
	1,1,1-Trichloroethane	20	21.6	ug/L	108	7		80	108	20
	Methylcyclohexane	20	20.1	ug/L	101	18		72	115	20
	Benzene	20	21.0	ug/L	105	10		82	109	20
	1,2-Dichloroethane	20	23.1	ug/L	116	14	*	80	115	20
	Trichloroethene	20	18.8	ug/L	94	14		77	113	20
	1,2-Dichloropropane	20	21.9	ug/L	110	11		83	111	20
	Bromodichloromethane	20	21.6	ug/L	108	8		83	110	20
	4-Methyl-2-Pentanone	100	120	ug/L	120	9	*	74	118	20
	Toluene	20	22.2	ug/L	111	10	*	82	110	20
	t-1,3-Dichloropropene	20	21.7	ug/L	109	15		79	110	20
	cis-1,3-Dichloropropene	20	20.9	ug/L	104	10		82	110	20
	1,1,2-Trichloroethane	20	23.1	ug/L	116	14	*	83	112	20
	2-Hexanone	100	130	ug/L	130	17	*	73	117	20
	Dibromochloromethane	20	20.7	ug/L	104	10		82	110	20
	1,2-Dibromoethane	20	22.8	ug/L	114	10	*	81	110	20
	Tetrachloroethene	20	20.8	ug/L	104	4		67	123	20
	Chlorobenzene	20	20.7	ug/L	104	6		82	109	20
	Ethyl Benzene	20	21.5	ug/L	108	8		83	109	20
	m/p-Xylenes	40	42.8	ug/L	107	6		82	110	20
	o-Xylene	20	21.7	ug/L	109	7		83	109	20
	Styrene	20	21.5	ug/L	108	7		80	111	20
	Bromoform	20	18.9	ug/L	95	7		79	109	20
	Isopropylbenzene	20	21.8	ug/L	109	8		83	112	20
	1,1,2,2-Tetrachloroethane	20	22.3	ug/L	112	7		76	118	20
	1,3-Dichlorobenzene	20	21.3	ug/L	106	11		82	108	20
	1,4-Dichlorobenzene	20	21.1	ug/L	106	9		82	107	20
	1,2-Dichlorobenzene	20	21.5	ug/L	108	9		82	109	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5246

Client: PARSONS Main of New York, Inc.

Analytical Method: SW8260-Low **Datafile :** VX044202.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1210WBSD01	1,2-Dibromo-3-Chloropropane	20	20.5	ug/L	103	7		68	112	20
	1,2,4-Trichlorobenzene	20	20.3	ug/L	102	16		75	113	20
	1,2,3-Trichlorobenzene	20	21.0	ug/L	105	10		76	114	20

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX1210WBL01

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: P5246 SAS No.: P5246 SDG NO.: P5246

Lab File ID: VX044199.D Lab Sample ID: VX1210WBL01

Date Analyzed: 12/10/2024 Time Analyzed: 11:35

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1210WBS01	VX1210WBS01	VX044201.D	12/10/2024
VX1210WBSD01	VX1210WBSD01	VX044202.D	12/10/2024
TB-20241209	P5246-02	VX044214.D	12/10/2024
MW7-20241209	P5246-01	VX044215.D	12/10/2024

COMMENTS:

Raw Data: **VX043924.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: P5246 SAS No.: P5246 SDG NO.: P5246

Lab File ID: VX043924.D BFB Injection Date: 11/21/2024

Instrument ID: MSVOA_X BFB Injection Time: 08:51

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.4
75	30.0 - 60.0% of mass 95	54.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	70.5
175	5.0 - 9.0% of mass 174	4.8 (6.8) 1
176	95.0 - 101.0% of mass 174	67.9 (96.4) 1
177	5.0 - 9.0% of mass 176	4.9 (7.3) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX043925.D	11/21/2024	09:47
VSTDICC005	VSTDICC005	VX043926.D	11/21/2024	10:14
VSTDICC020	VSTDICC020	VX043927.D	11/21/2024	10:37
VSTDICCC050	VSTDICCC050	VX043928.D	11/21/2024	11:17
VSTDICC100	VSTDICC100	VX043929.D	11/21/2024	11:40
VSTDICC150	VSTDICC150	VX043930.D	11/21/2024	12:03

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: P5246 SAS No.: P5246 SDG NO.: P5246

Lab File ID: VX044196.D BFB Injection Date: 12/10/2024

Instrument ID: MSVOA_X BFB Injection Time: 09:01

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.7
75	30.0 - 60.0% of mass 95	57.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.4 (0.6) 1
174	50.0 - 100.0% of mass 95	70.2
175	5.0 - 9.0% of mass 174	5.4 (7.7) 1
176	95.0 - 101.0% of mass 174	69.5 (99) 1
177	5.0 - 9.0% of mass 176	4.3 (6.2) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX044197.D	12/10/2024	10:43
VX1210WBL01	VX1210WBL01	VX044199.D	12/10/2024	11:35
VX1210WBS01	VX1210WBS01	VX044201.D	12/10/2024	12:22
VX1210WBSD01	VX1210WBSD01	VX044202.D	12/10/2024	12:52
TB-20241209	P5246-02	VX044214.D	12/10/2024	17:33
MW7-20241209	P5246-01	VX044215.D	12/10/2024	17:57

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: P5246 SAS No.: P5246 SDG NO.: P5246

Lab File ID: VX044197.D Date Analyzed: 12/10/2024

Instrument ID: MSVOA_X Time Analyzed: 10:43

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	121082	5.54	212067	6.76	187191	10.05
UPPER LIMIT	242164	6.038	424134	7.257	374382	10.549
LOWER LIMIT	60541	5.038	106034	6.257	93595.5	9.549
EPA SAMPLE NO.						
MW7-20241209	107458	5.55	207402	6.76	185141	10.06
TB-20241209	97758	5.55	191902	6.76	171864	10.06
VX1210WBL01	110263	5.54	207593	6.76	178508	10.06
VX1210WBS01	143461	5.54	255477	6.76	217630	10.06
VX1210WBSD01	115787	5.54	202181	6.76	181459	10.06

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: P5246 SAS No.: P5246 SDG NO.: P5246

Lab File ID: VX044197.D Date Analyzed: 12/10/2024

Instrument ID: MSVOA_X Time Analyzed: 10:43

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	91127	12.024				
UPPER LIMIT	182254	12.524				
LOWER LIMIT	45563.5	11.524				
EPA SAMPLE NO.						
MW7-20241209	78742	12.02				
TB-20241209	71791	12.02				
VX1210WBL01	71476	12.02				
VX1210WBS01	101326	12.02				
VX1210WBSD01	84444	12.02				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/09/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/10/24
Client Sample ID:	MW7-20241209	SDG No.:	P5246
Lab Sample ID:	P5246-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044215.D	1		12/10/24 17:57	VX121024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.33	J	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	4.80		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	UQ	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	UQ	0.75	5.00	ug/L
108-88-3	Toluene	0.18	UQ	0.18	1.00	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/09/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/10/24
Client Sample ID:	MW7-20241209	SDG No.:	P5246
Lab Sample ID:	P5246-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044215.D	1		12/10/24 17:57	VX121024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	UQ	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	UQ	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	UQ	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.9		74 - 125	106%	SPK: 50
1868-53-7	Dibromofluoromethane	47.2		75 - 124	94%	SPK: 50
2037-26-5	Toluene-d8	49.8		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.8		77 - 121	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	107000	5.549			
540-36-3	1,4-Difluorobenzene	207000	6.757			
3114-55-4	Chlorobenzene-d5	185000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	78700	12.024			

Raw Data: **VX044215.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/09/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/10/24
Client Sample ID:	MW7-20241209	SDG No.:	P5246
Lab Sample ID:	P5246-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044215.D	1		12/10/24 17:57	VX121024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Sample Results: **VX044215.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044215.D
Acq On : 10 Dec 2024 17:57
Operator : JC/MD
Sample : P5246-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW7-20241209

Quant Time: Dec 11 01:39:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

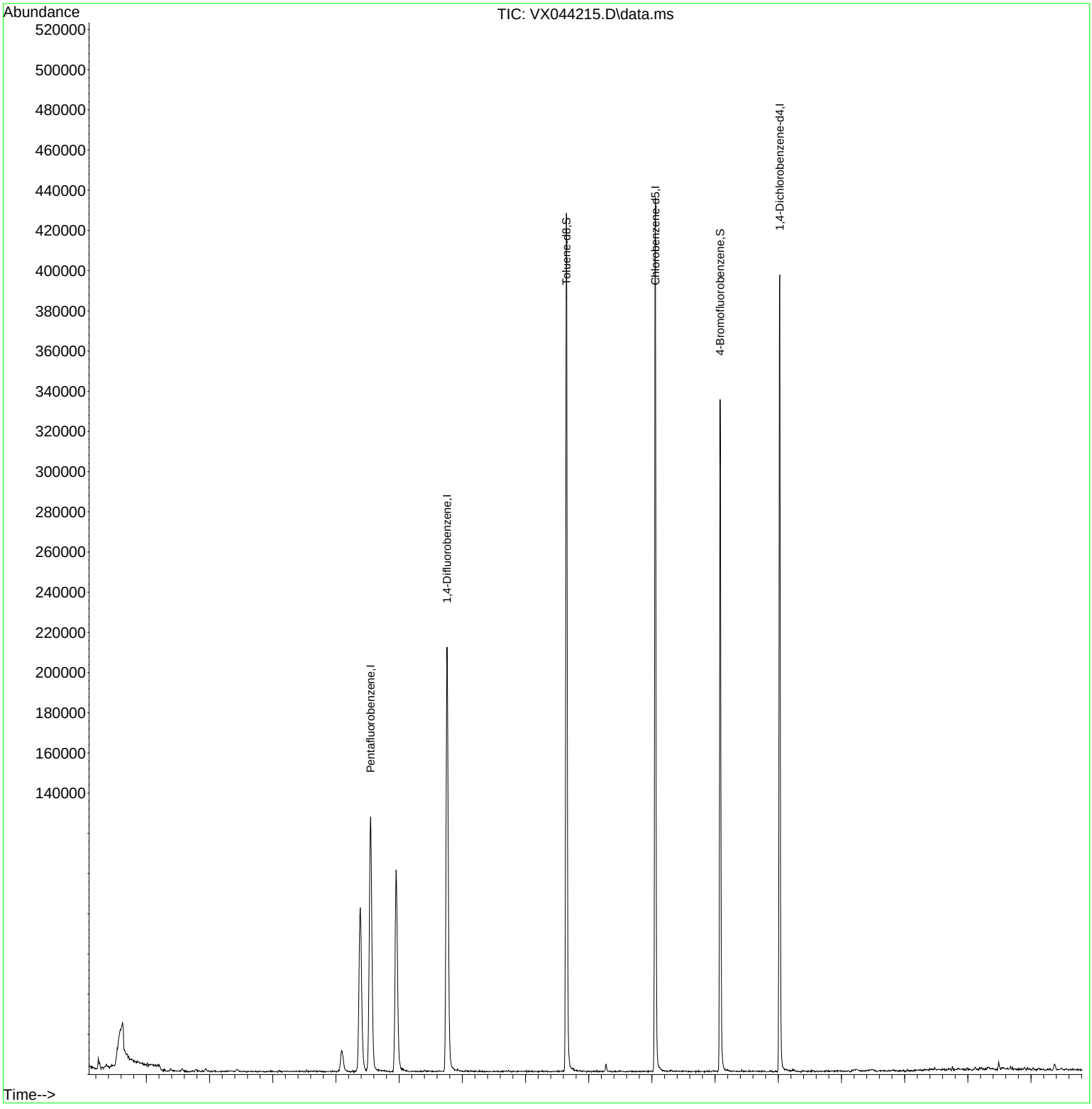
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.549	168	107458	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	207402	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97507	52.904	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.800%			
35) Dibromofluoromethane	5.385	113	69956	47.204	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.400%			
50) Toluene-d8	8.646	98	254455	49.809	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.620%			
62) 4-Bromofluorobenzene	11.079	95	86650	49.839	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.680%			
Target Compounds						Qvalue
3) Chloromethane	1.300	50	493	0.344	ug/l #	87
16) Acetone	2.391	43	967	1.142	ug/l #	83
20) Methylene Chloride	2.794	84	469	0.326	ug/l #	75
30) Chloroform	5.092	83	13000	4.843	ug/l	94

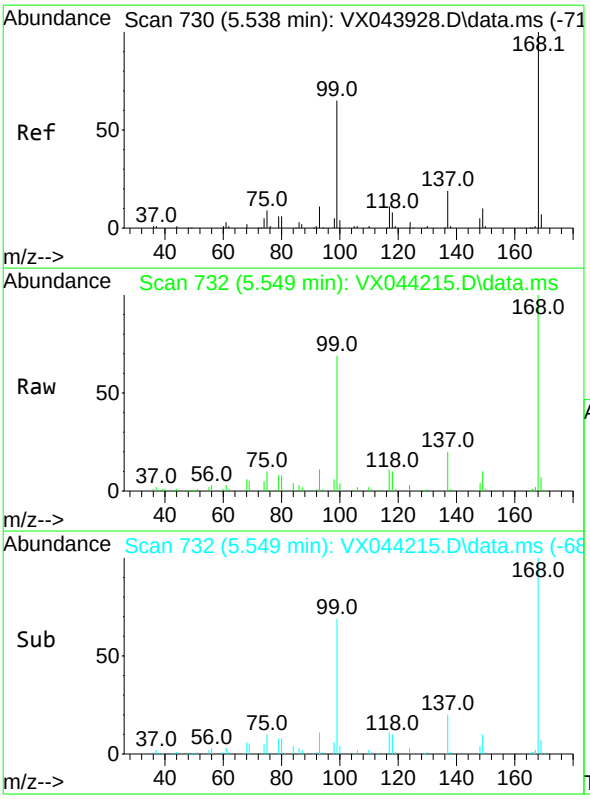
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044215.D
Acq On : 10 Dec 2024 17:57
Operator : JC/MD
Sample : P5246-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW7-20241209

Quant Time: Dec 11 01:39:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



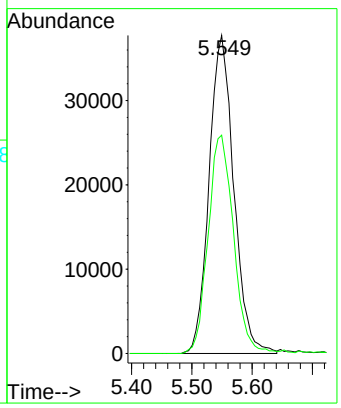


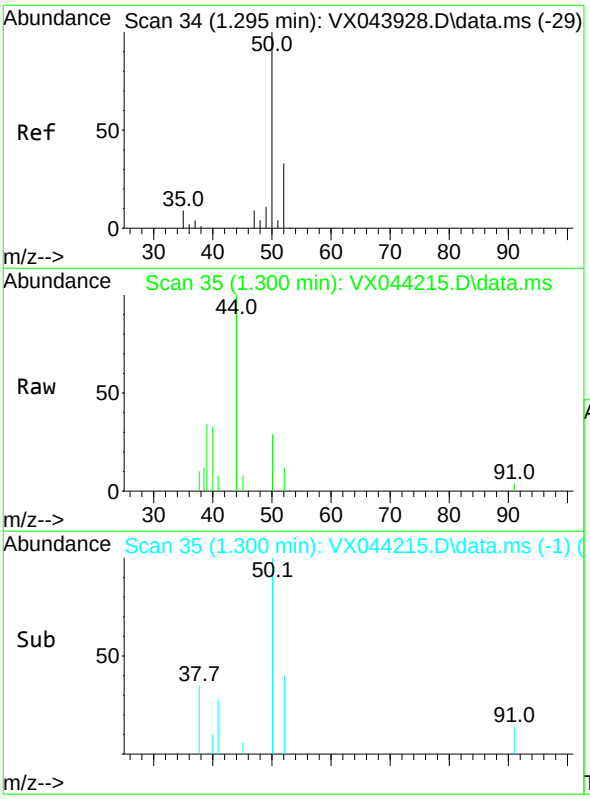
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 73
Delta R.T. 0.011 min
Lab File: VX044215.D
Acq: 10 Dec 2024 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW7-20241209

Tgt Ion:168 Resp: 107458

Ion	Ratio	Lower	Upper
168	100		
99	68.6	51.8	77.8

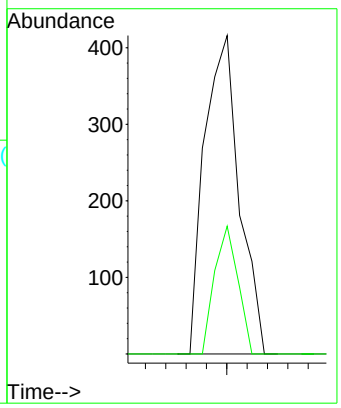


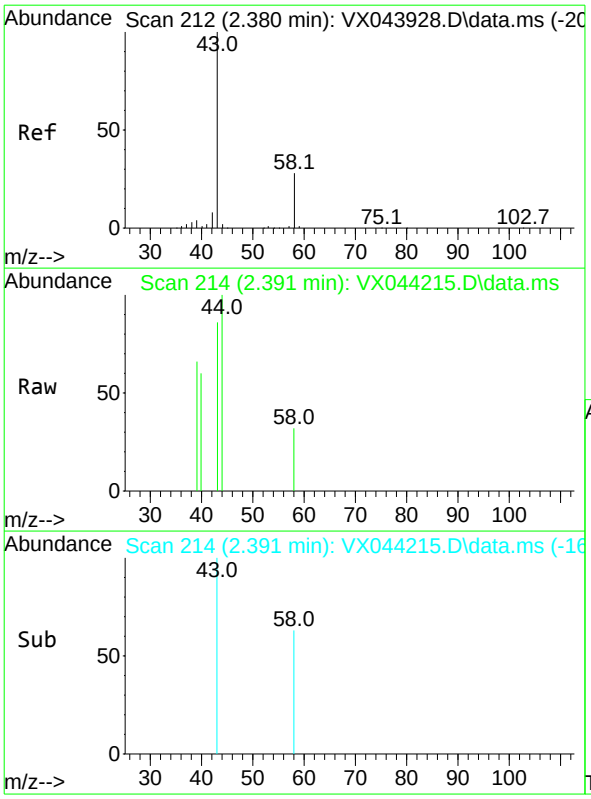


#3
Chloromethane
Concen: 0.344 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX044215.D
Acq: 10 Dec 2024 17:57

Tgt Ion: 50 Resp: 493

Ion	Ratio	Lower	Upper
50	100		
52	40.1	26.1	39.1#



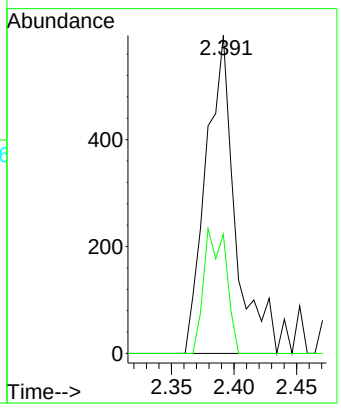


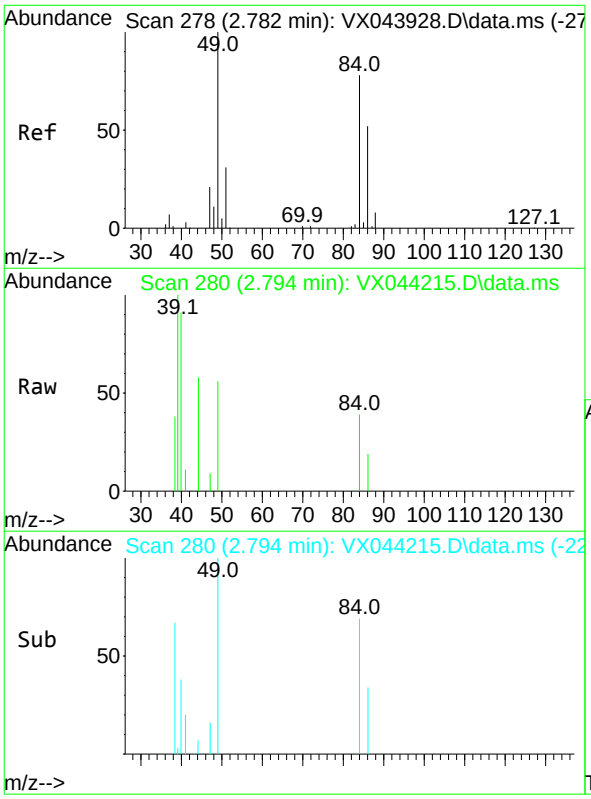
#16
Acetone
Concen: 1.142 ug/l
RT: 2.391 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX044215.D
Acq: 10 Dec 2024 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW7-20241209

Tgt Ion: 43 Resp: 967

Ion	Ratio	Lower	Upper
43	100		
58	37.5	22.7	34.1#

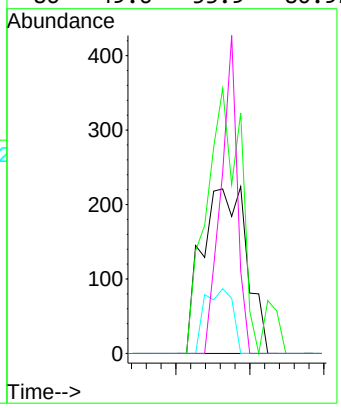


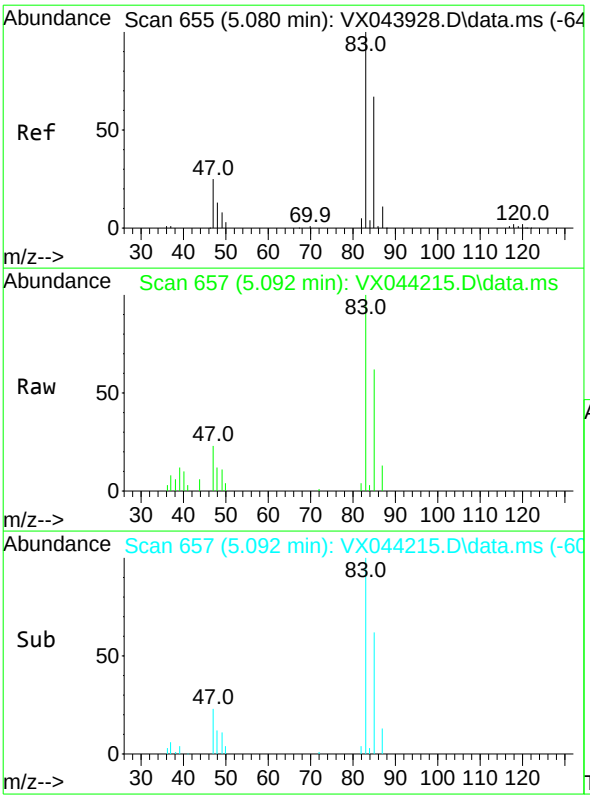


#20
Methylene Chloride
Concen: 0.326 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX044215.D
Acq: 10 Dec 2024 17:57

Tgt Ion: 84 Resp: 469

Ion	Ratio	Lower	Upper
84	100		
49	144.2	102.7	154.1
51	0.0	31.7	47.5#
86	49.6	53.9	80.9#



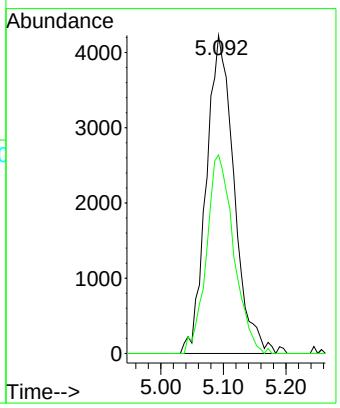


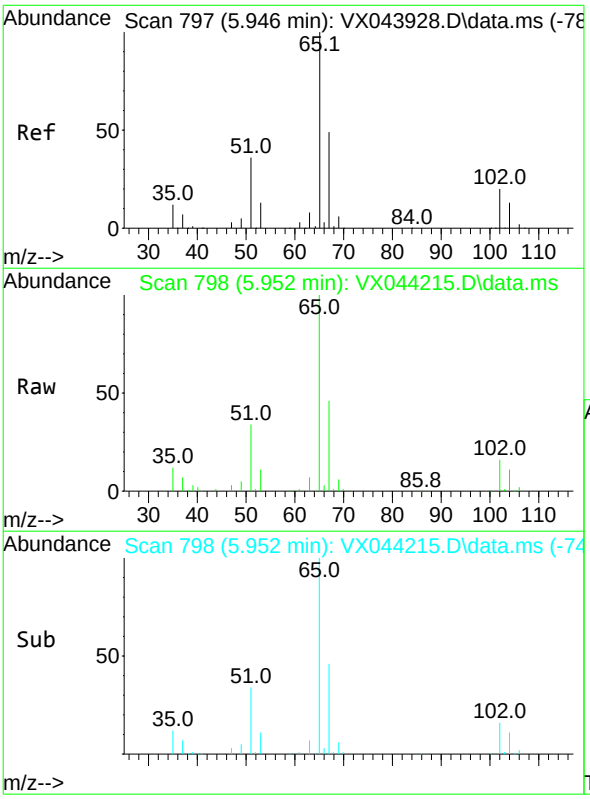
#30
Chloroform
Concen: 4.843 ug/l
RT: 5.092 min Scan# 65
Delta R.T. 0.012 min
Lab File: VX044215.D
Acq: 10 Dec 2024 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW7-20241209

Tgt Ion: 83 Resp: 13000

Ion	Ratio	Lower	Upper
83	100		
85	62.4	53.5	80.3

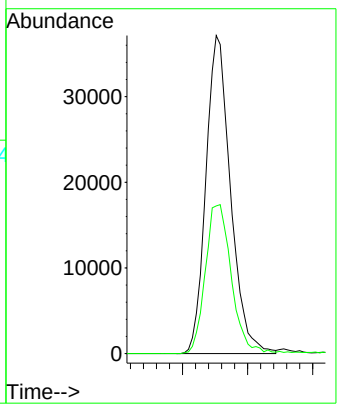


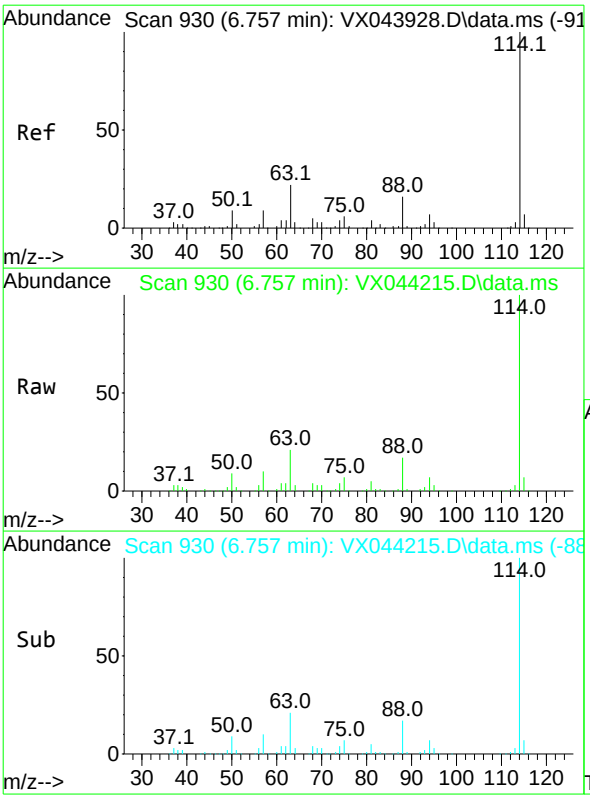


#33
1,2-Dichloroethane-d4
Concen: 52.904 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044215.D
Acq: 10 Dec 2024 17:57

Tgt Ion: 65 Resp: 97507

Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	100.8



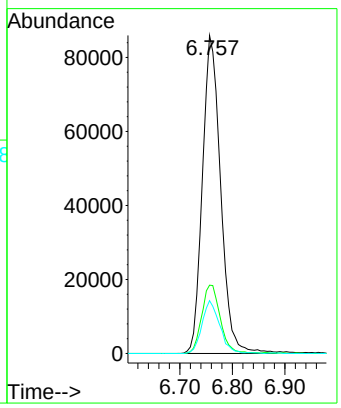


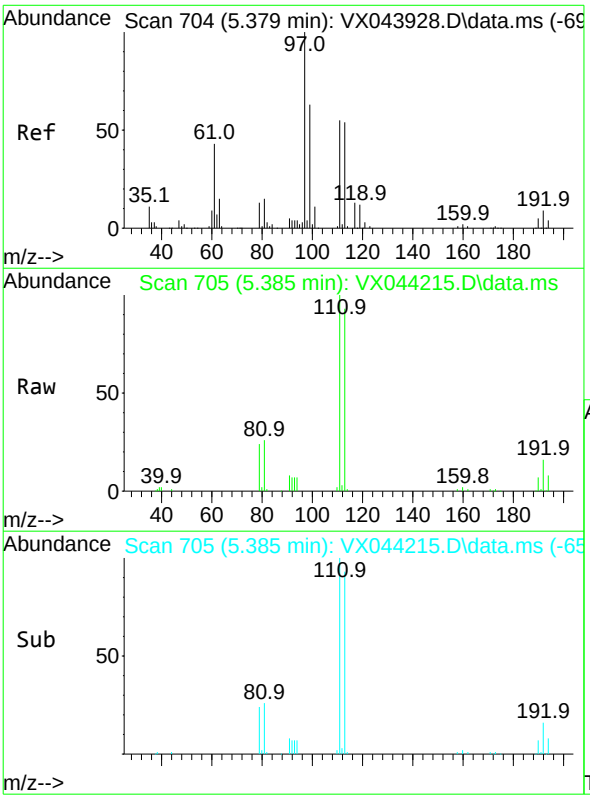
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 93
Delta R.T. -0.001 min
Lab File: VX044215.D
Acq: 10 Dec 2024 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW7-20241209

Tgt Ion:114 Resp: 207402

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	44.0
88	16.6	0.0	32.4

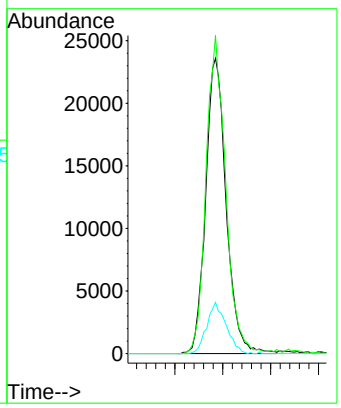


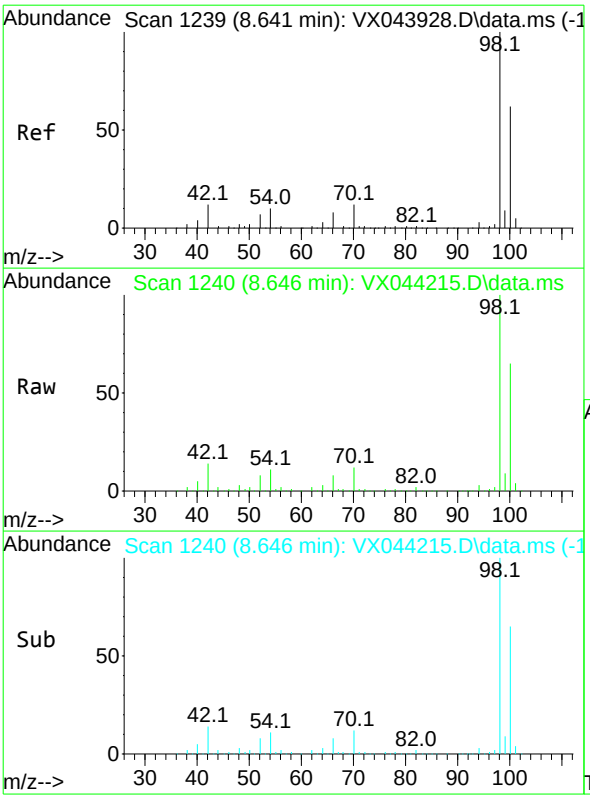


#35
Dibromofluoromethane
Concen: 47.204 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044215.D
Acq: 10 Dec 2024 17:57

Tgt Ion:113 Resp: 69956

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.0	121.4
192	16.4	13.0	19.6



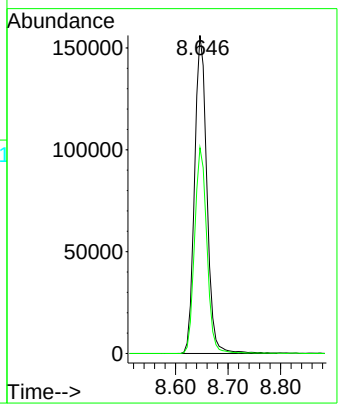


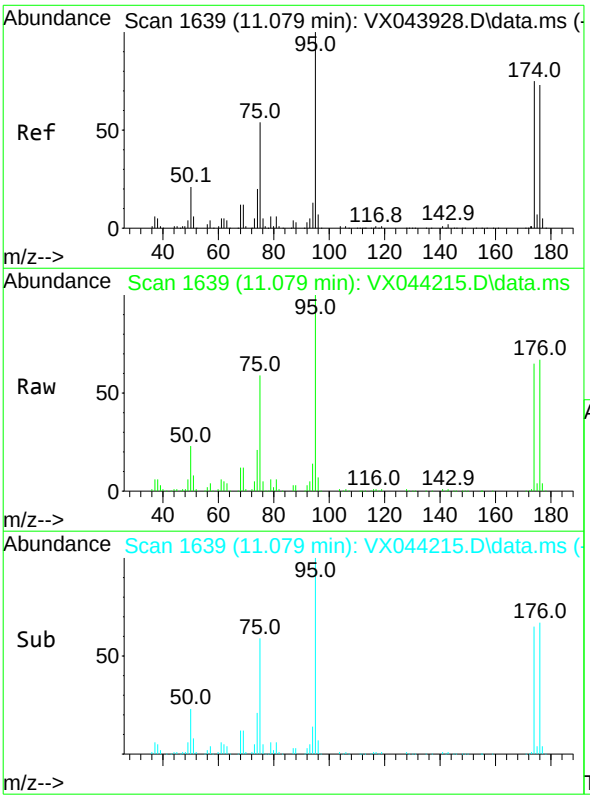
#50
Toluene-d8
Concen: 49.809 ug/l
RT: 8.646 min Scan# 12
Delta R.T. 0.006 min
Lab File: VX044215.D
Acq: 10 Dec 2024 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW7-20241209

Tgt Ion: 98 Resp: 254455

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.6	79.0

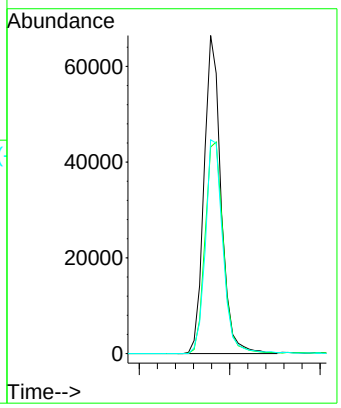


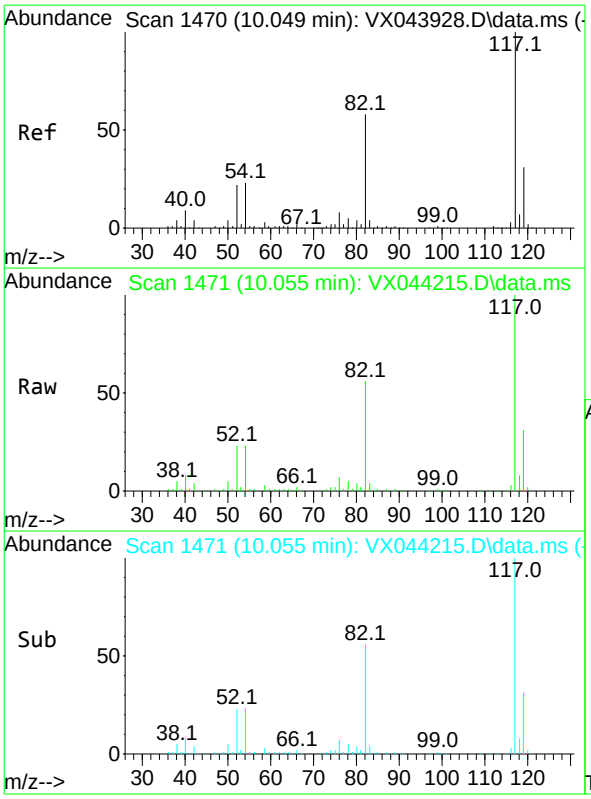


#62
4-Bromofluorobenzene
Concen: 49.839 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044215.D
Acq: 10 Dec 2024 17:57

Tgt Ion: 95 Resp: 86650

Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	150.4
176	69.6	0.0	146.0



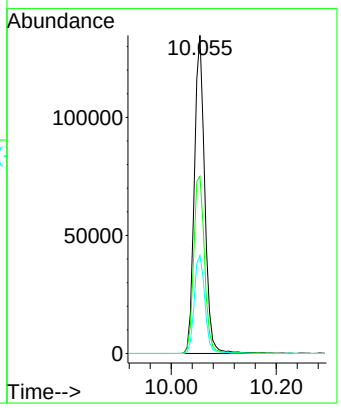


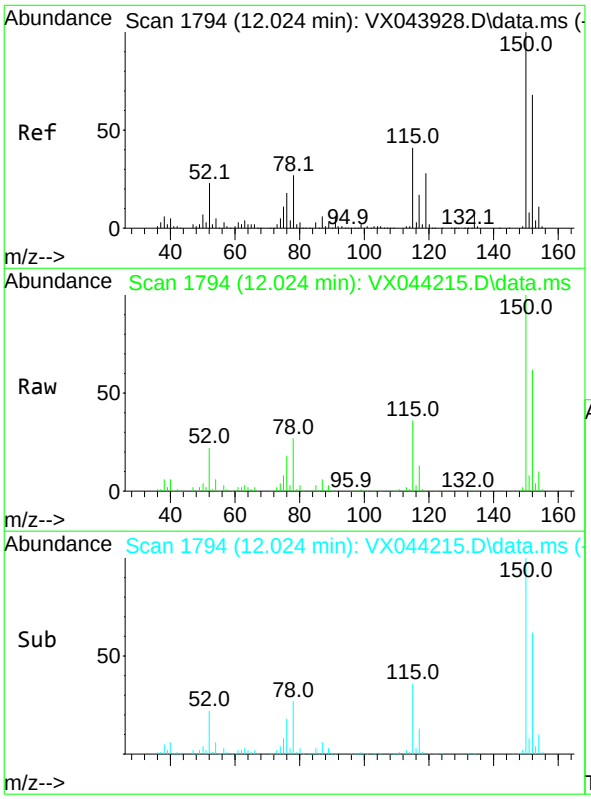
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX044215.D
Acq: 10 Dec 2024 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW7-20241209

Tgt Ion:117 Resp: 185141

Ion	Ratio	Lower	Upper
117	100		
82	55.7	46.4	69.6
119	30.8	24.6	37.0

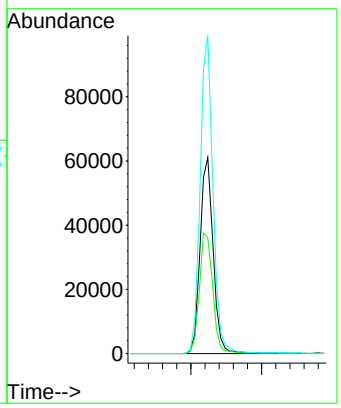




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VX044215.D
Acq: 10 Dec 2024 17:57

Tgt Ion:152 Resp: 78742

Ion	Ratio	Lower	Upper
152	100		
115	62.5	45.4	136.2
150	157.7	0.0	353.0



Sample Results: **VX044215.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044215.D
Acq On : 10 Dec 2024 17:57
Operator : JC/MD
Sample : P5246-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW7-20241209

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Title : SW846 8260

Signal : TIC: VX044215.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.623	67	88	98	rBV4	21484	128638	18.43%	3.359%
2	5.092	650	657	669	rVB2	10213	30836	4.42%	0.805%
3	5.385	693	705	721	rBV2	81552	242209	34.70%	6.325%
4	5.549	721	732	747	rBV2	126362	363075	52.01%	9.482%
5	5.952	790	798	811	rBV2	100451	266134	38.12%	6.950%
6	6.757	921	930	944	rBV	211302	508968	72.91%	13.292%
7	8.646	1234	1240	1255	rBV	427050	698069	100.00%	18.230%
8	10.055	1465	1471	1481	rBV	434723	609115	87.26%	15.907%
9	11.079	1634	1639	1651	rBV	334278	446012	63.89%	11.648%
10	12.024	1788	1794	1806	rBV	396800	528919	75.77%	13.813%
11	16.371	2501	2507	2514	rBV8	3295	7259	1.04%	0.190%

Sum of corrected areas: 3829234

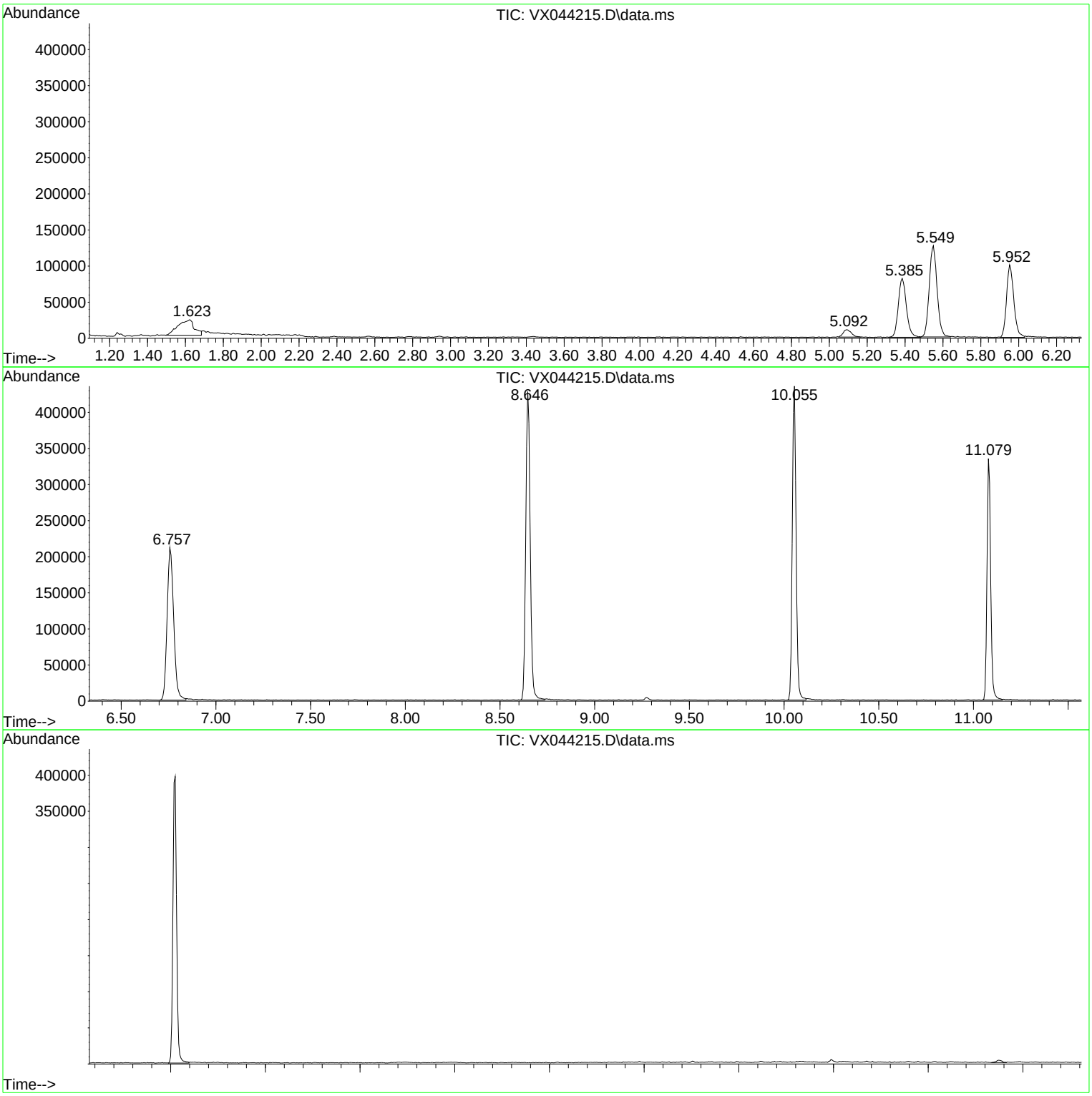
Sample Results: **VX044215.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044215.D
Acq On : 10 Dec 2024 17:57
Operator : JC/MD
Sample : P5246-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW7-20241209

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044215.D
Acq On : 10 Dec 2024 17:57
Operator : JC/MD
Sample : P5246-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW7-20241209

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044215.D
Acq On : 10 Dec 2024 17:57
Operator : JC/MD
Sample : P5246-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW7-20241209

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/09/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/10/24
Client Sample ID:	TB-20241209	SDG No.:	P5246
Lab Sample ID:	P5246-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044214.D	1		12/10/24 17:33	VX121024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	1.40	J	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	J	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	UQ	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	UQ	0.75	5.00	ug/L
108-88-3	Toluene	0.18	UQ	0.18	1.00	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/09/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/10/24
Client Sample ID:	TB-20241209	SDG No.:	P5246
Lab Sample ID:	P5246-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044214.D	1		12/10/24 17:33	VX121024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	UQ	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	UQ	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	UQ	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.3		74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	46.1		75 - 124	92%	SPK: 50
2037-26-5	Toluene-d8	49.6		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.3		77 - 121	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	97800	5.55			
540-36-3	1,4-Difluorobenzene	192000	6.757			
3114-55-4	Chlorobenzene-d5	172000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	71800	12.024			

Raw Data: **VX044214.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/09/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/10/24
Client Sample ID:	TB-20241209	SDG No.:	P5246
Lab Sample ID:	P5246-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044214.D	1		12/10/24 17:33	VX121024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044214.D
Acq On : 10 Dec 2024 17:33
Operator : JC/MD
Sample : P5246-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-20241209

Quant Time: Dec 11 01:39:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

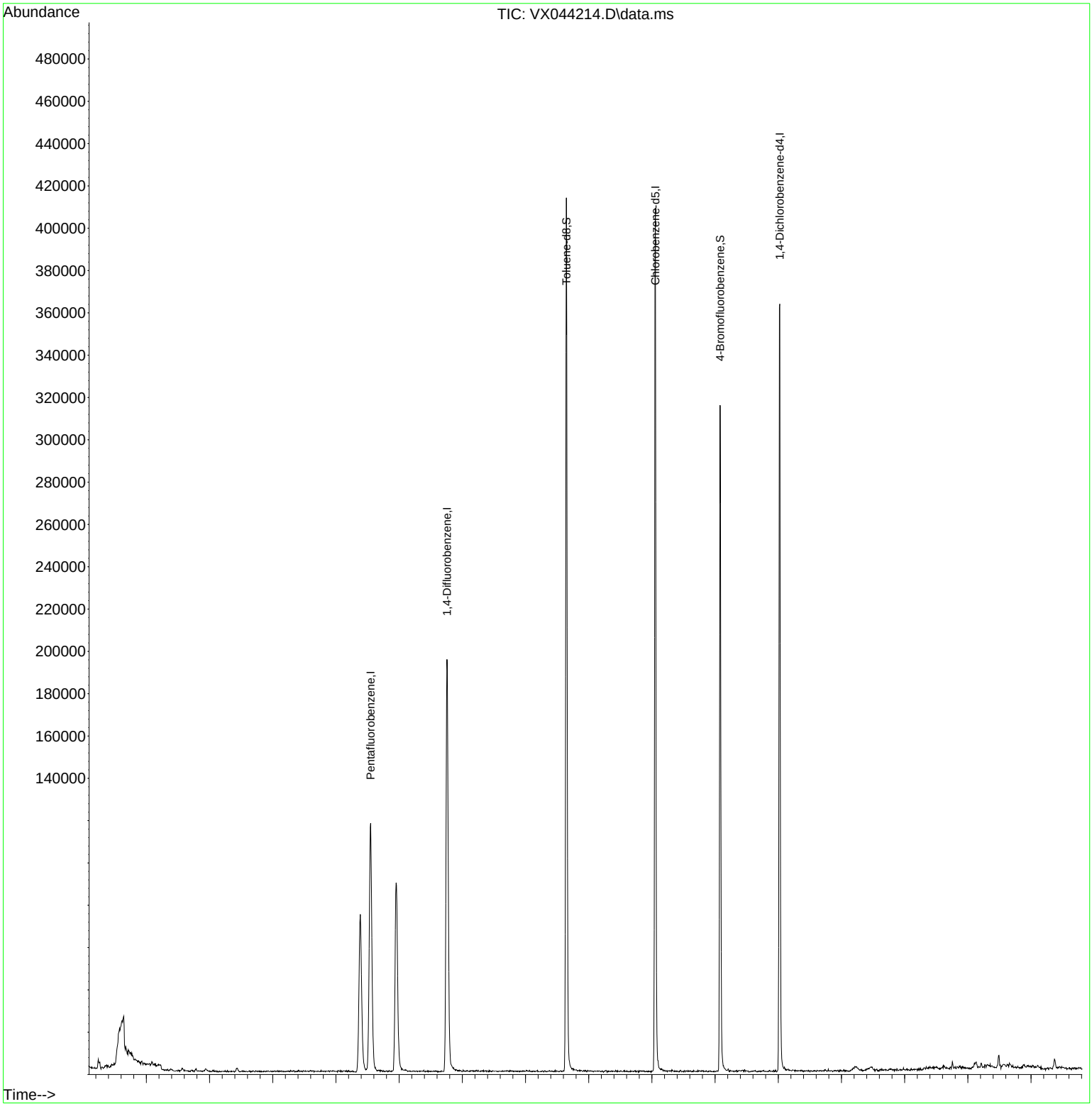
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	97758	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	191902	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91125	54.347	ug/l	0.01
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.700%			
35) Dibromofluoromethane	5.379	113	63256	46.131	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.260%			
50) Toluene-d8	8.647	98	234469	49.604	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.200%			
62) 4-Bromofluorobenzene	11.079	95	80939	50.315	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.620%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	344	0.264	ug/l #	82
16) Acetone	2.386	43	1054	1.369	ug/l #	77
20) Methylene Chloride	2.782	84	421	0.322	ug/l #	76

(#) = qualifier out of range (m) = manual integration (+) = signals summed

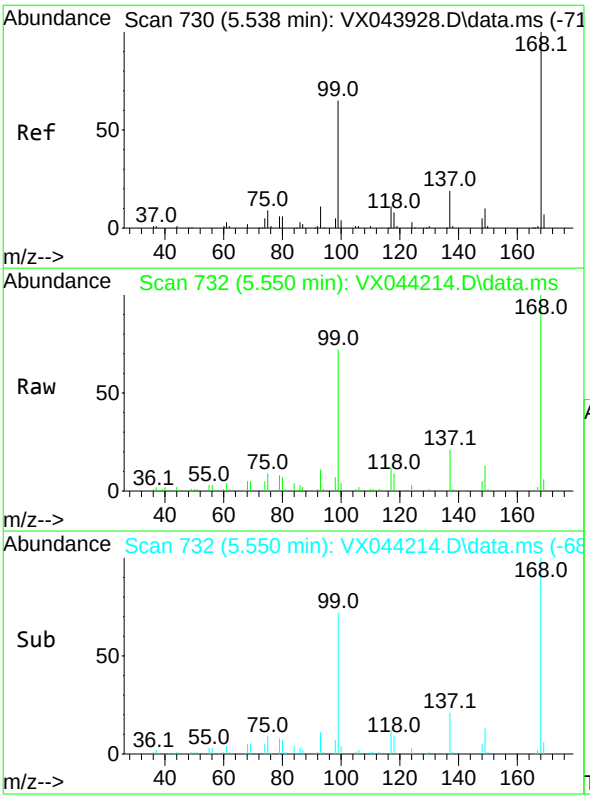
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044214.D
Acq On : 10 Dec 2024 17:33
Operator : JC/MD
Sample : P5246-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-20241209

Quant Time: Dec 11 01:39:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



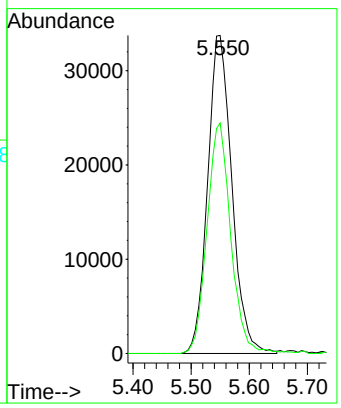
Instrument :
MSVOA_X
ClientSampleId :
TB-20241209

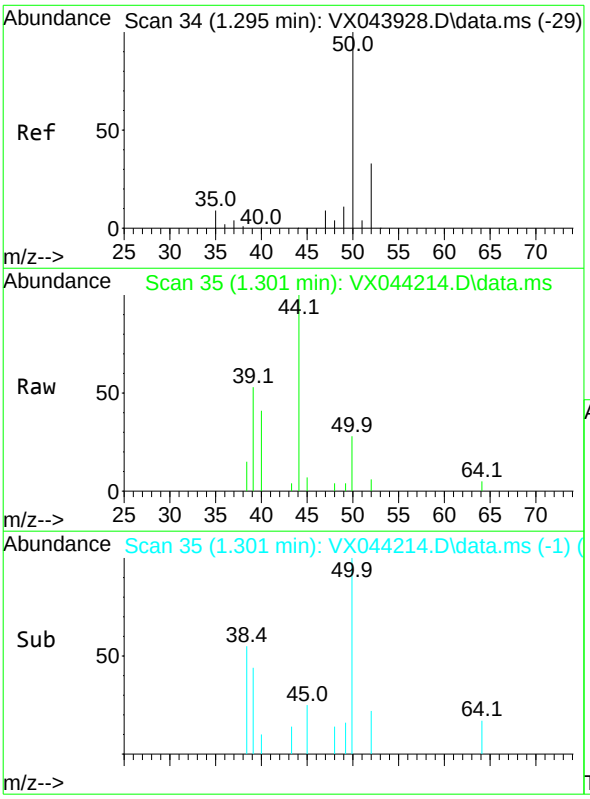


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 73
Delta R.T. 0.012 min
Lab File: VX044214.D
Acq: 10 Dec 2024 17:33

Tgt Ion:168 Resp: 97758

Ion	Ratio	Lower	Upper
168	100		
99	72.5	51.8	77.8

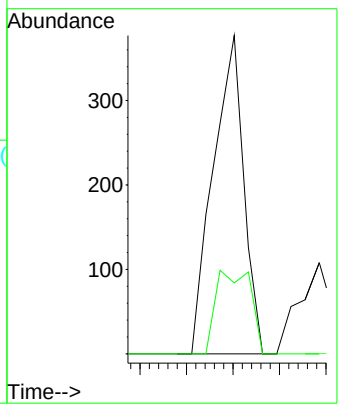




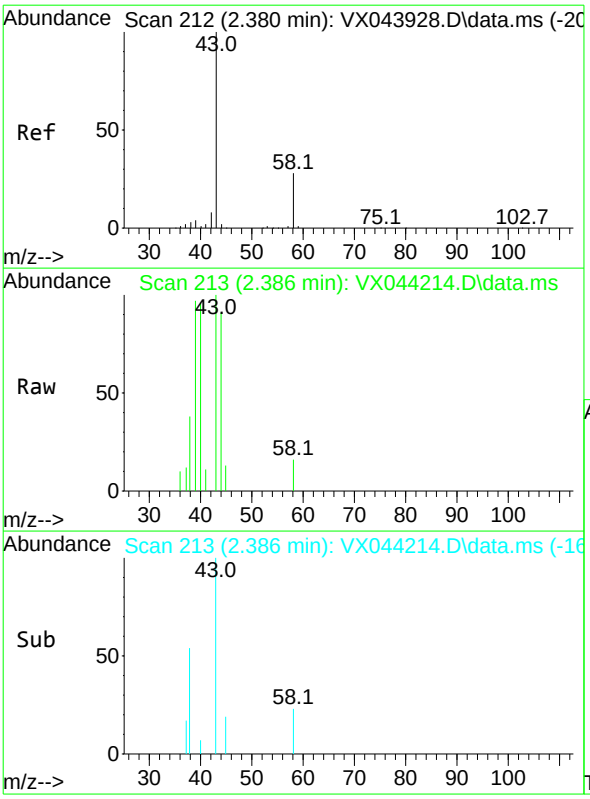
#3
Chloromethane
Concen: 0.264 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX044214.D
Acq: 10 Dec 2024 17:33

Tgt Ion: 50 Resp: 344

Ion	Ratio	Lower	Upper
50	100		
52	22.3	26.1	39.1#



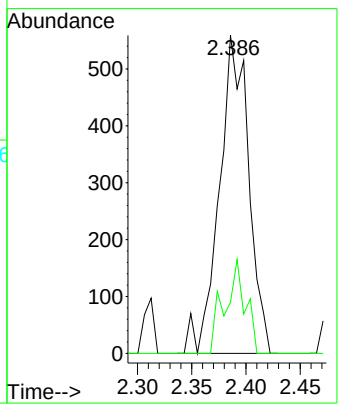
Instrument :
MSVOA_X
ClientSampleId :
TB-20241209

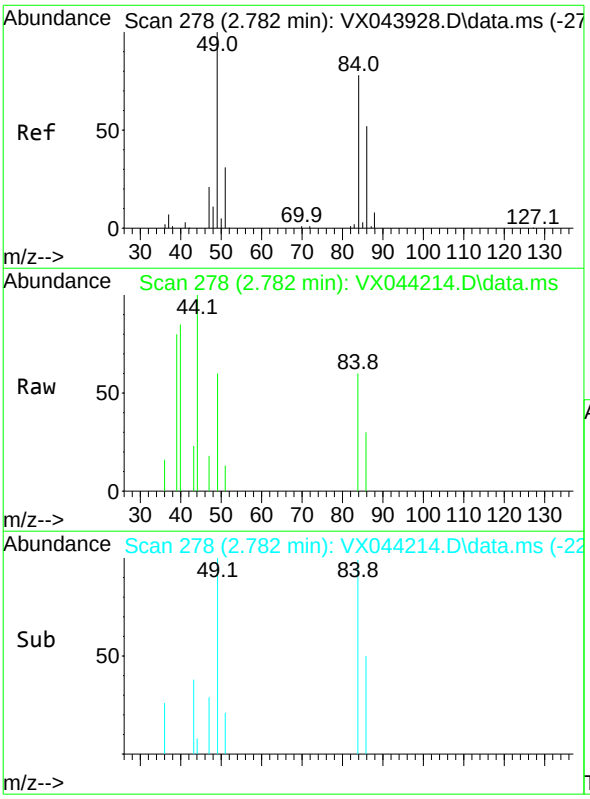


#16
Acetone
Concen: 1.369 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX044214.D
Acq: 10 Dec 2024 17:33

Tgt Ion: 43 Resp: 1054

Ion	Ratio	Lower	Upper
43	100		
58	16.1	22.7	34.1#

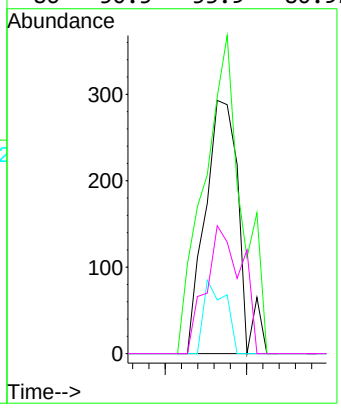


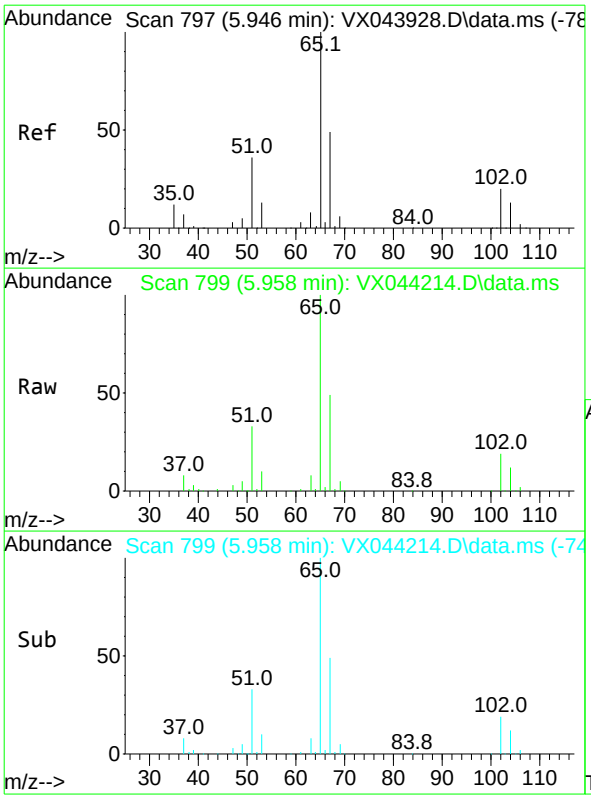


#20
Methylene Chloride
Concen: 0.322 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044214.D
Acq: 10 Dec 2024 17:33

Tgt Ion: 84 Resp: 421

Ion	Ratio	Lower	Upper
84	100		
49	101.4	102.7	154.1#
51	21.2	31.7	47.5#
86	50.5	53.9	80.9#



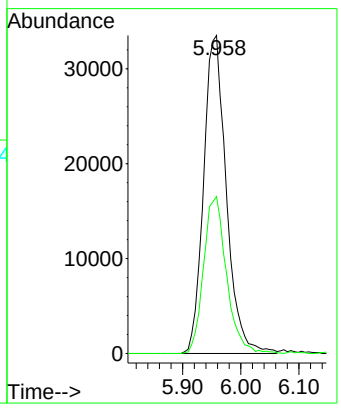


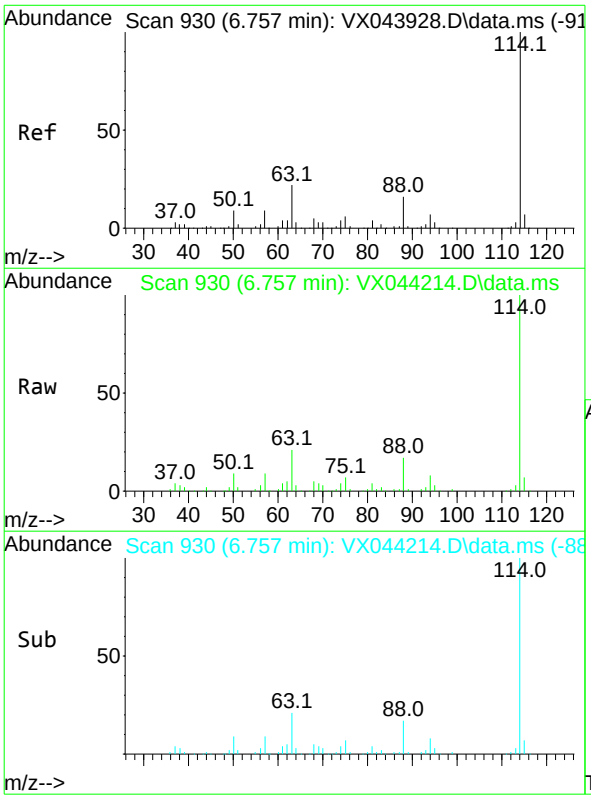
#33
1,2-Dichloroethane-d4
Concen: 54.347 ug/l
RT: 5.958 min Scan# 79
Delta R.T. 0.012 min
Lab File: VX044214.D
Acq: 10 Dec 2024 17:33

Instrument :
MSVOA_X
ClientSampleId :
TB-20241209

Tgt Ion: 65 Resp: 91125

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	100.8

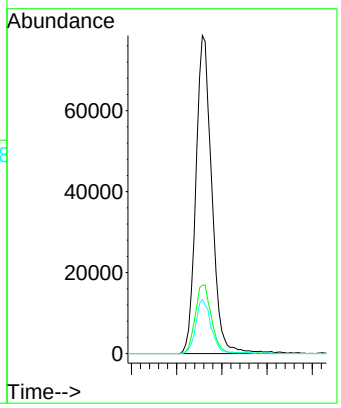


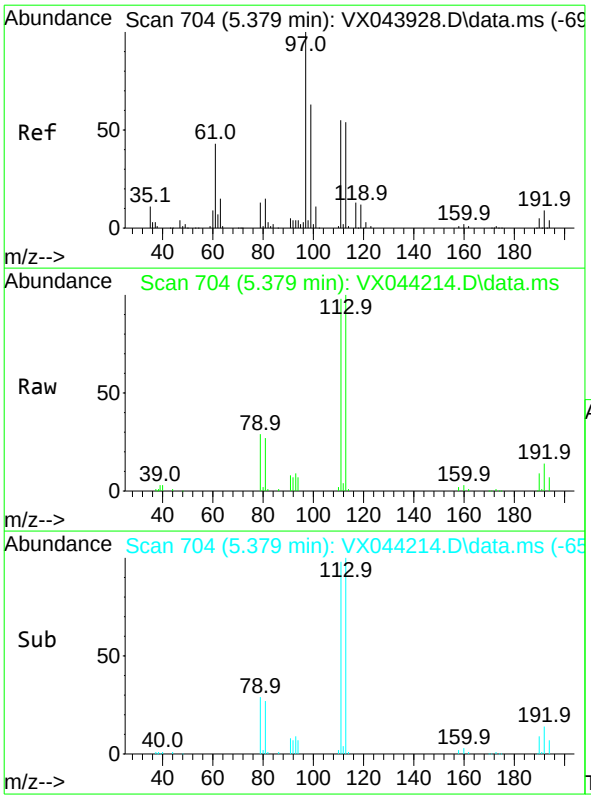


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044214.D
Acq: 10 Dec 2024 17:33

Tgt Ion:114 Resp: 191902

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	44.0
88	17.0	0.0	32.4



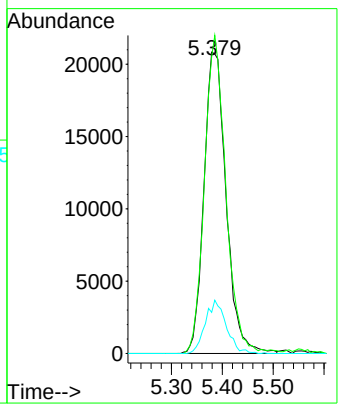


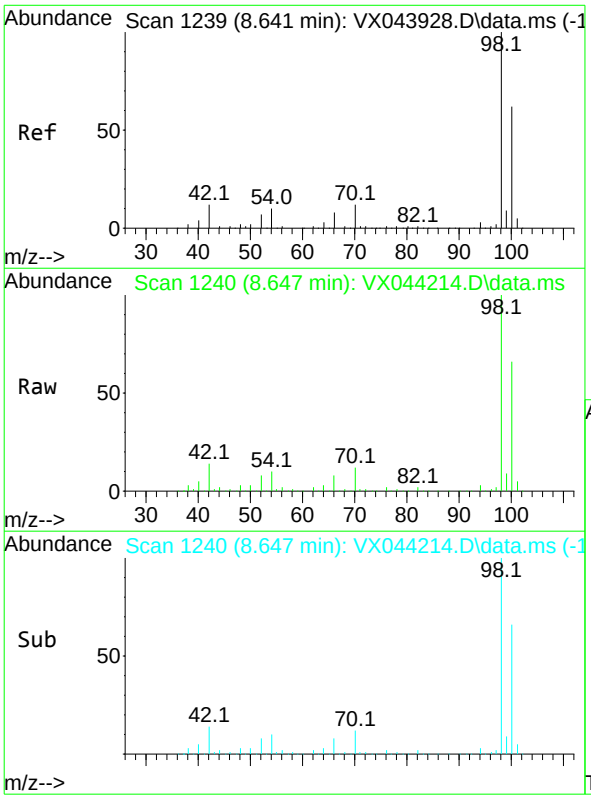
#35
Dibromofluoromethane
Concen: 46.131 ug/l
RT: 5.379 min Scan# 70
Delta R.T. -0.000 min
Lab File: VX044214.D
Acq: 10 Dec 2024 17:33

Instrument :
MSVOA_X
ClientSampleId :
TB-20241209

Tgt Ion:113 Resp: 63256

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.0	121.4
192	16.6	13.0	19.6

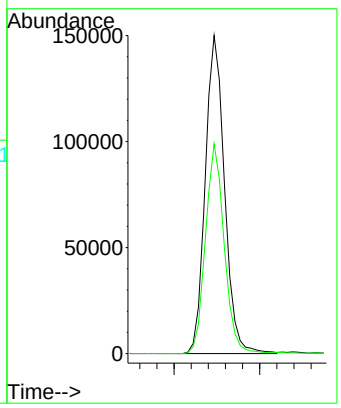


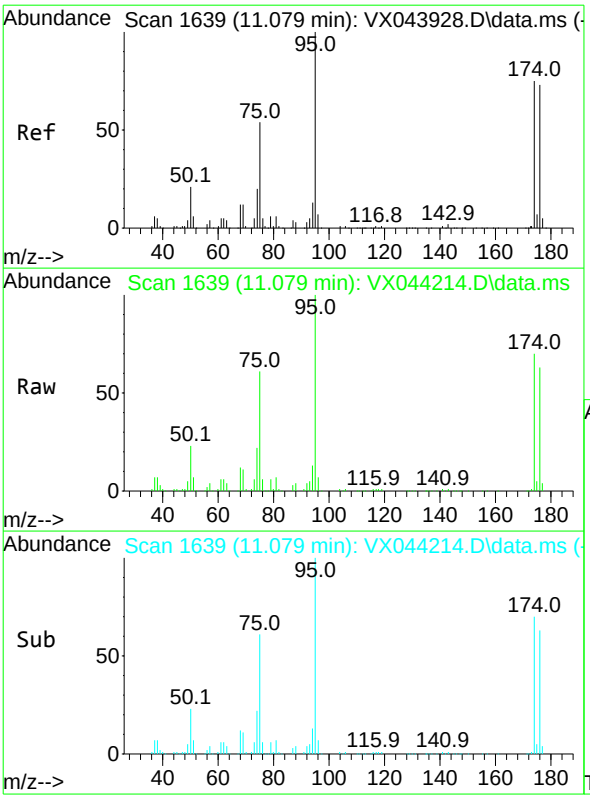


#50
Toluene-d8
Concen: 49.604 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044214.D
Acq: 10 Dec 2024 17:33

Tgt Ion: 98 Resp: 234469

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.6	79.0



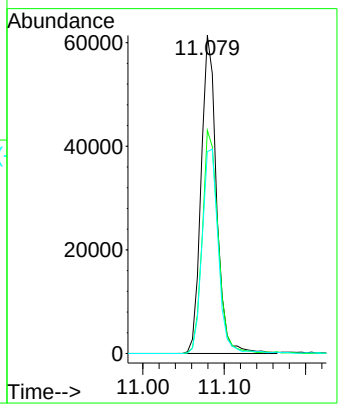


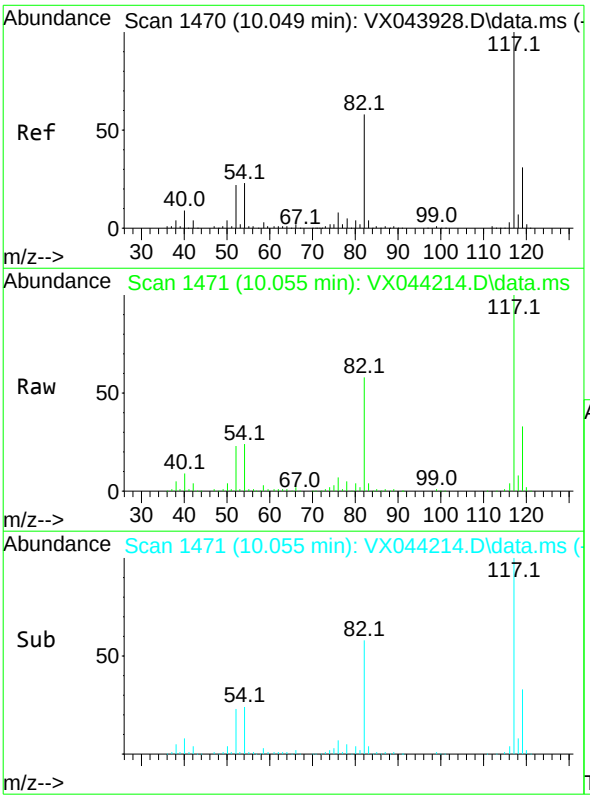
#62
4-Bromofluorobenzene
Concen: 50.315 ug/l
RT: 11.079 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX044214.D
Acq: 10 Dec 2024 17:33

Instrument :
MSVOA_X
ClientSampleId :
TB-20241209

Tgt Ion: 95 Resp: 80939

Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	150.4
176	67.4	0.0	146.0

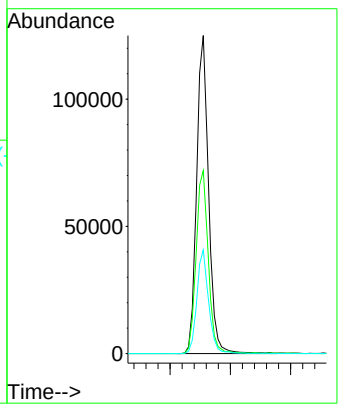


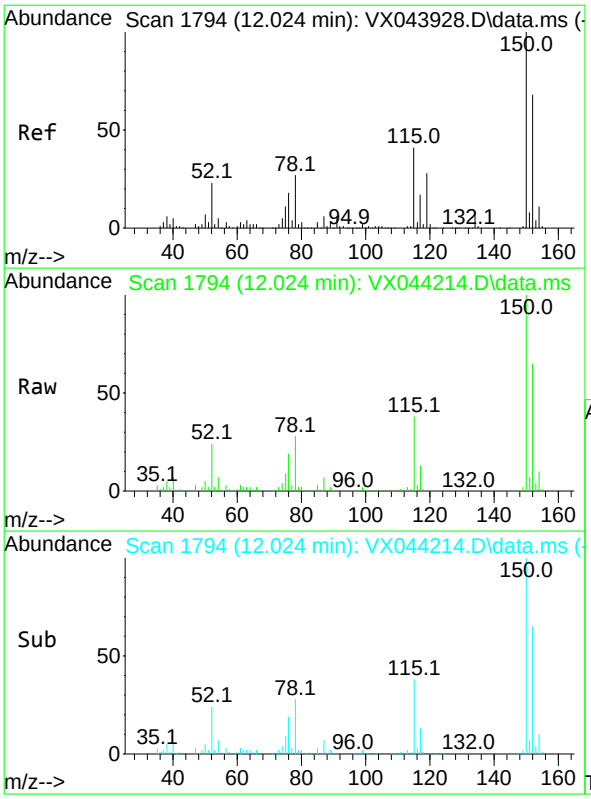


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044214.D
Acq: 10 Dec 2024 17:33

Tgt Ion:117 Resp: 171864

Ion	Ratio	Lower	Upper
117	100		
82	57.5	46.4	69.6
119	32.6	24.6	37.0



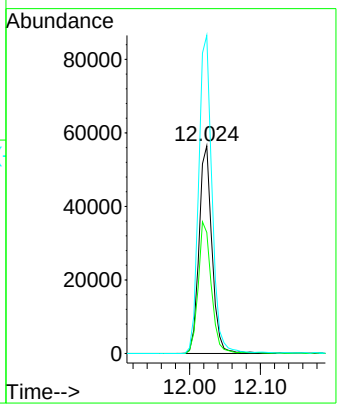


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX044214.D
Acq: 10 Dec 2024 17:33

Instrument :
MSVOA_X
ClientSampleId :
TB-20241209

Tgt Ion:152 Resp: 71791

Ion	Ratio	Lower	Upper
152	100		
115	64.5	45.4	136.2
150	157.2	0.0	353.0



Sample Results: **VX044214.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044214.D
Acq On : 10 Dec 2024 17:33
Operator : JC/MD
Sample : P5246-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-20241209

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Title : SW846 8260

Signal : TIC: VX044214.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.575	69	80	81	rBV	16707	43378	6.71%	1.256%
2	5.385	694	705	719	rBV	74645	220821	34.14%	6.395%
3	5.550	721	732	748	rVB	117150	336454	52.02%	9.743%
4	5.952	790	798	812	rBV2	88748	246683	38.14%	7.144%
5	6.757	921	930	946	rBV	194762	472443	73.04%	13.681%
6	8.647	1234	1240	1254	rBV	412716	646840	100.00%	18.732%
7	10.055	1465	1471	1484	rBV	407786	567878	87.79%	16.445%
8	11.079	1634	1639	1656	rBV	314742	414088	64.02%	11.992%
9	12.024	1788	1794	1804	rBV	362486	485994	75.13%	14.074%
10	15.493	2356	2363	2365	rBV4	5953	9481	1.47%	0.275%
11	16.371	2502	2507	2512	rBV5	4705	9100	1.41%	0.264%

Sum of corrected areas: 3453160

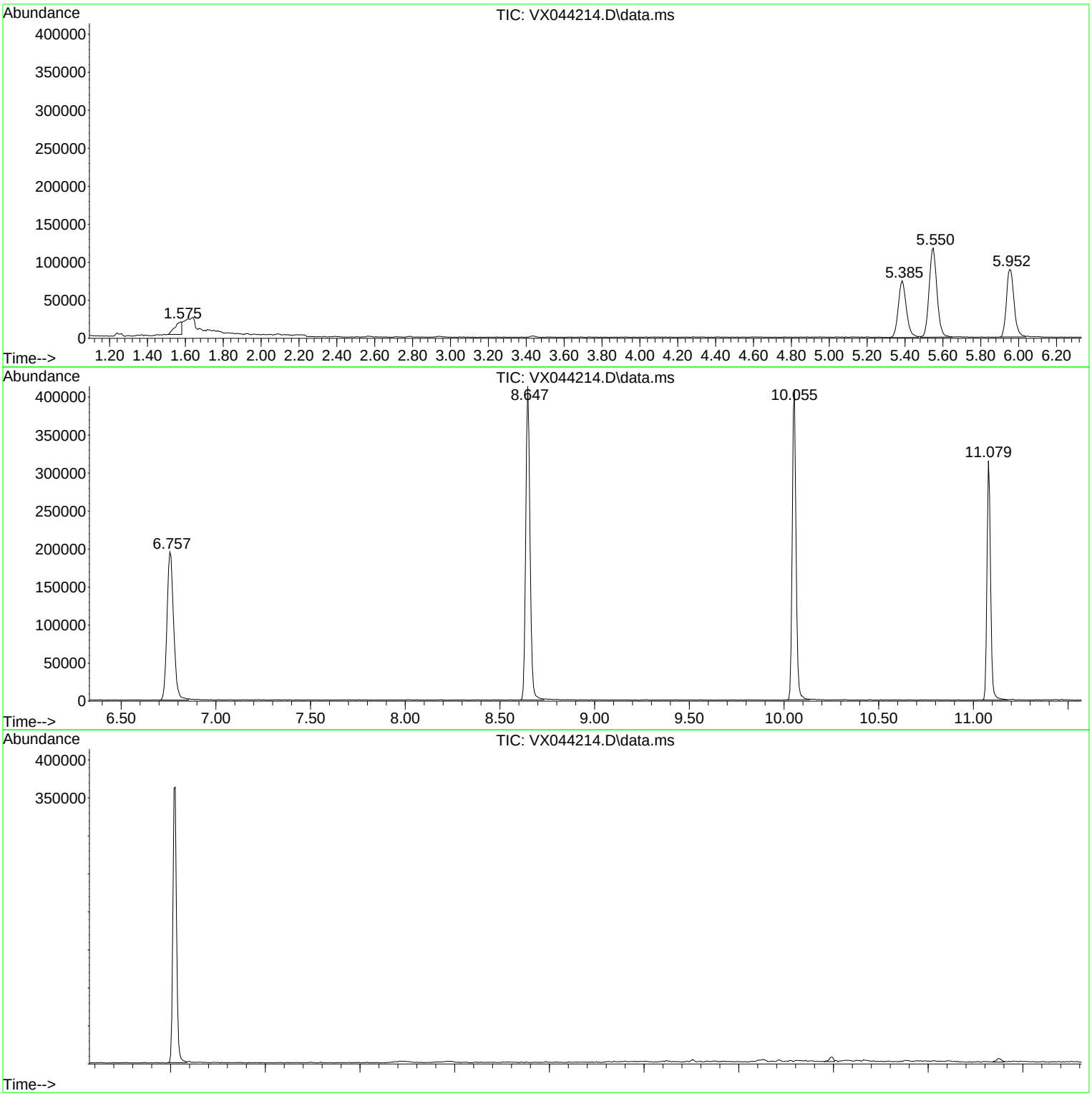
Sample Results: **VX044214.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044214.D
Acq On : 10 Dec 2024 17:33
Operator : JC/MD
Sample : P5246-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-20241209

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260

TIC Library :
TIC Integration Parameters: RTEINT.P



Library Search Compound Report

Sample Results: **VX044214.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044214.D
Acq On : 10 Dec 2024 17:33
Operator : JC/MD
Sample : P5246-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-20241209

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260

TIC Library :
TIC Integration Parameters: RTEINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044214.D
Acq On : 10 Dec 2024 17:33
Operator : JC/MD
Sample : P5246-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-20241209

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260

TIC Library :
TIC Integration Parameters: RTEINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

CALIBRATION SUMMARY

Raw Data

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: P5246 SAS No.: P5246 SDG No.: P5246

Instrument ID: MSVOA_X Calibration Date(s): 11/21/2024 11/21/2024

Heated Purge: (Y/N) N Calibration Time(s): 09:47 12:03

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VX043925.D RRF005 = VX043926.D RRF020 = VX043927.D
RRF050 = VX043928.D RRF100 = VX043929.D RRF150 = VX043930.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.634	0.633	0.641	0.684	0.601	0.608	0.633	4.6
Chloromethane	0.578	0.662	0.720	0.697	0.665	0.677	0.667	7.3
Vinyl Chloride	0.675	0.708	0.730	0.762	0.695	0.684	0.709	4.6
Bromomethane		0.425	0.438	0.445	0.429	0.442	0.436	2
Chloroethane	0.579	0.429	0.404	0.459	0.368	0.354	0.432	18.9
Trichlorofluoromethane	1.038	1.267	1.335	1.357	1.281	1.328	1.268	9.3
1,1,2-Trichlorotrifluoroethane	0.592	0.585	0.605	0.658	0.589	0.599	0.605	4.5
1,1-Dichloroethene	0.596	0.530	0.585	0.600	0.572	0.576	0.576	4.4
Acetone	0.401	0.396	0.401	0.425	0.370	0.370	0.394	5.4
Carbon Disulfide	1.082	0.956	1.078	1.287	1.330	1.398	1.188	14.6
Methyl tert-butyl Ether	1.732	1.991	2.212	2.264	2.160	2.192	2.092	9.5
Methyl Acetate	0.931	0.871	0.911	0.987	0.894	0.910	0.917	4.3
Methylene Chloride	0.704	0.656	0.684	0.667	0.643	0.655	0.668	3.3
trans-1,2-Dichloroethene	0.545	0.563	0.609	0.633	0.600	0.619	0.595	5.7
1,1-Dichloroethane	0.980	1.118	1.221	1.256	1.185	1.208	1.161	8.6
Cyclohexane		0.911	0.976	1.041	0.926	0.925	0.956	5.6
2-Butanone	0.448	0.486	0.538	0.567	0.500	0.510	0.508	8.1
Carbon Tetrachloride	0.439	0.466	0.491	0.558	0.520	0.528	0.500	8.7
cis-1,2-Dichloroethene	0.674	0.673	0.761	0.792	0.745	0.767	0.735	6.8
Bromochloromethane	0.501	0.611	0.482	0.450	0.500	0.523	0.511	10.7
Chloroform	1.070	1.238	1.309	1.316	1.269	1.293	1.249	7.4
1,1,1-Trichloroethane	0.873	1.005	1.133	1.184	1.119	1.149	1.077	10.9
Methylcyclohexane	0.544	0.556	0.564	0.656	0.574	0.576	0.578	6.9
Benzene	1.211	1.369	1.457	1.494	1.388	1.402	1.387	7
1,2-Dichloroethane	0.499	0.546	0.585	0.603	0.551	0.558	0.557	6.4
Trichloroethene	0.547	0.372	0.368	0.373	0.345	0.352	0.393	19.5
1,2-Dichloropropane	0.288	0.322	0.361	0.371	0.346	0.350	0.340	8.8
Bromodichloromethane	0.349	0.425	0.501	0.544	0.528	0.545	0.482	16.4
4-Methyl-2-Pentanone	0.437	0.527	0.562	0.606	0.539	0.548	0.537	10.4
Toluene	0.636	0.839	0.883	0.921	0.850	0.852	0.830	12

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: P5246 SAS No.: P5246 SDG No.: P5246

Instrument ID: MSVOA_X Calibration Date(s): 11/21/2024 11/21/2024

Heated Purge: (Y/N) N Calibration Time(s): 09:47 12:03

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VX043925.D RRF005 = VX043926.D RRF020 = VX043927.D
RRF050 = VX043928.D RRF100 = VX043929.D RRF150 = VX043930.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.341	0.413	0.507	0.569	0.549	0.570	0.491	19.2
cis-1,3-Dichloropropene	0.409	0.462	0.569	0.611	0.580	0.601	0.539	15.4
1,1,2-Trichloroethane	0.287	0.340	0.375	0.370	0.340	0.345	0.343	9.1
2-Hexanone	0.297	0.393	0.431	0.471	0.410	0.419	0.403	14.5
Dibromochloromethane	0.249	0.292	0.344	0.396	0.380	0.401	0.344	18
1,2-Dibromoethane	0.258	0.339	0.373	0.385	0.358	0.367	0.346	13.3
Tetrachloroethene	0.304	0.342	0.336	0.349	0.315	0.332	0.330	5.1
Chlorobenzene	1.050	1.109	1.107	1.145	1.069	1.108	1.098	3.1
Ethyl Benzene	1.579	1.831	1.910	2.024	1.884	1.938	1.861	8.2
m/p-Xylenes	0.610	0.663	0.704	0.762	0.700	0.725	0.694	7.6
o-Xylene	0.543	0.665	0.691	0.757	0.693	0.716	0.678	10.7
Styrene	0.859	1.025	1.174	1.263	1.186	1.217	1.121	13.5
Bromoform	0.145	0.200	0.222	0.284	0.286	0.306	0.240	25.9
Isopropylbenzene	3.435	3.927	3.996	4.097	3.679	3.927	3.843	6.3
1,1,2,2-Tetrachloroethane	1.198	1.356	1.375	1.393	1.260	1.314	1.316	5.7
1,3-Dichlorobenzene	1.580	1.656	1.701	1.764	1.623	1.696	1.670	3.9
1,4-Dichlorobenzene	1.730	1.638	1.706	1.782	1.650	1.710	1.702	3.1
1,2-Dichlorobenzene	1.506	1.733	1.723	1.768	1.642	1.740	1.685	5.8
1,2-Dibromo-3-Chloropropane	0.213	0.254	0.252	0.284	0.275	0.304	0.264	12
1,2,4-Trichlorobenzene	0.849	0.905	0.987	1.084	1.012	1.125	0.994	10.5
1,2,3-Trichlorobenzene	0.753	0.960	1.055	1.118	1.018	1.130	1.006	13.8
1,2-Dichloroethane-d4		0.926	0.876	0.751	0.855	0.880	0.858	7.6
Dibromofluoromethane		0.371	0.353	0.327	0.359	0.376	0.357	5.4
Toluene-d8		1.327	1.237	1.104	1.232	1.257	1.232	6.6
4-Bromofluorobenzene		0.401	0.414	0.387	0.438	0.455	0.419	6.6

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Response Factor Report MSVOA_X

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X112124W.M
Title : SW846 8260
Last Update : Fri Nov 22 03:45:52 2024
Response Via : Initial Calibration

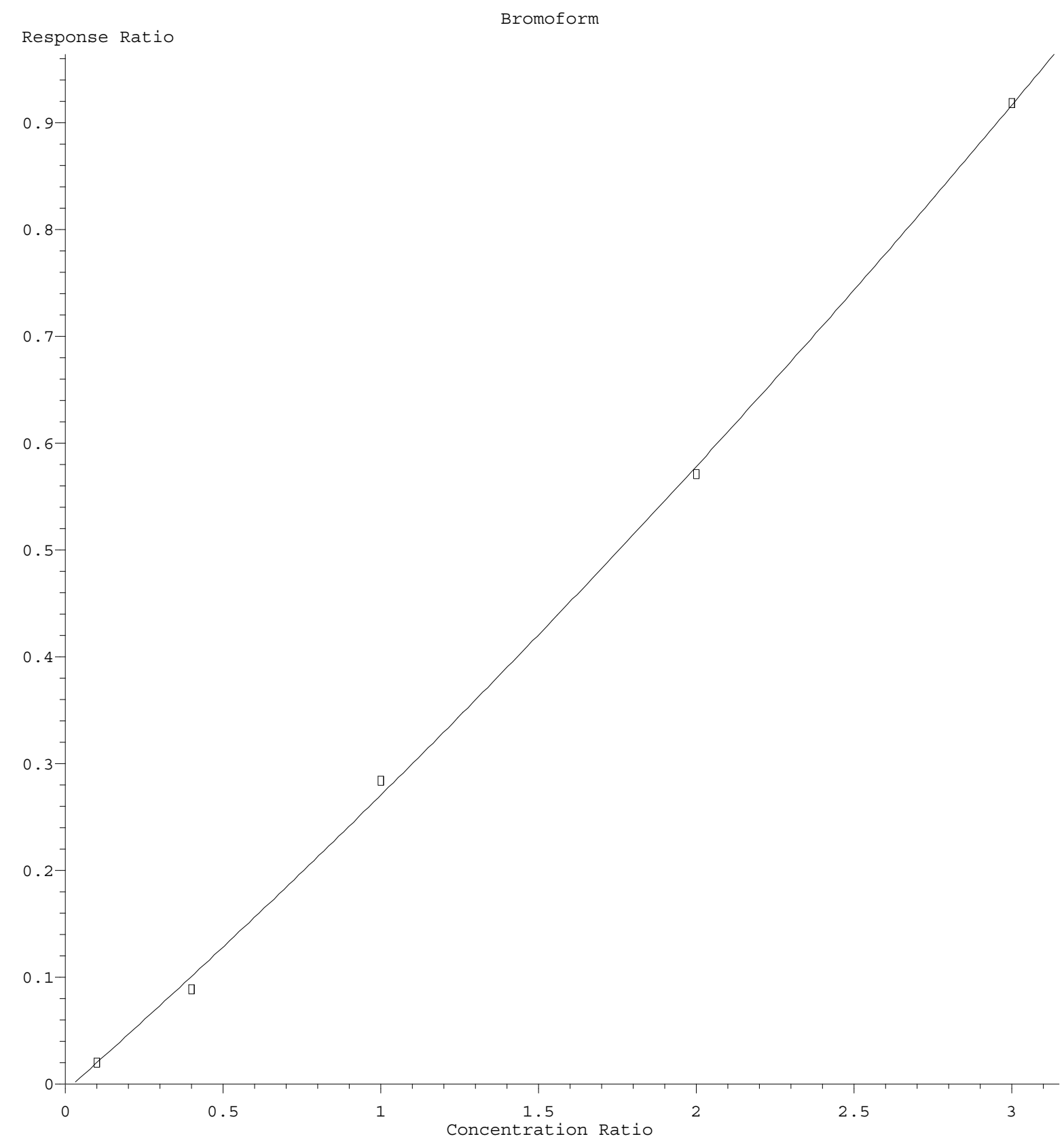
Calibration Files
1 =VX043925.D 5 =VX043926.D 20 =VX043927.D 50 =VX043928.D 100 =VX043929.D 150 =VX043930.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.634	0.633	0.641	0.684	0.601	0.608	0.633	4.64
3)	P	Chloromethane	0.578	0.662	0.720	0.697	0.665	0.677	0.667	7.26
4)	C	Vinyl Chloride	0.675	0.708	0.730	0.762	0.695	0.684	0.709	4.56#
5)	T	Bromomethane		0.425	0.438	0.445	0.429	0.442	0.436	1.95
6)	T	Chloroethane	0.579	0.429	0.404	0.459	0.368	0.354	0.432	18.87
7)	T	Trichlorofluor...	1.038	1.267	1.335	1.357	1.281	1.328	1.268	9.27
8)	T	Diethyl Ether	0.477	0.430	0.470	0.474	0.455	0.467	0.462	3.80
9)	T	1,1,2-Trichlor...	0.592	0.585	0.605	0.658	0.589	0.599	0.605	4.47
10)	T	Methyl Iodide		0.656	0.782	0.809	0.773	0.755	0.755	7.75
11)	T	Tert butyl alc...		0.123	0.133	0.145	0.134	0.154	0.138	8.73
12)	CM	1,1-Dichloroet...	0.596	0.530	0.585	0.600	0.572	0.576	0.576	4.38#
13)	T	Acrolein		0.158	0.128	0.145	0.145	0.148	0.145	7.53
14)	T	Allyl chloride	0.796	0.854	0.964	1.044	0.998	0.993	0.941	10.17
15)	T	Acrylonitrile	0.301	0.322	0.343	0.370	0.332	0.345	0.335	6.97
16)	T	Acetone	0.401	0.396	0.401	0.425	0.370	0.370	0.394	5.39
17)	T	Carbon Disulfide	1.082	0.956	1.078	1.287	1.330	1.398	1.188	14.64
18)	T	Methyl Acetate	0.931	0.871	0.911	0.987	0.894	0.910	0.917	4.32
19)	T	Methyl tert-bu...	1.732	1.991	2.212	2.264	2.160	2.192	2.092	9.52
20)	T	Methylene Chlo...	0.704	0.656	0.684	0.667	0.643	0.655	0.668	3.33
21)	T	trans-1,2-Dich...	0.545	0.563	0.609	0.633	0.600	0.619	0.595	5.72
22)	T	Diisopropyl ether	1.638	1.930	2.170	2.162	2.071	2.106	2.013	10.09
23)	T	Vinyl Acetate	1.244	1.542	1.833	1.941	1.858	1.914	1.722	15.93
24)	P	1,1-Dichloroet...	0.980	1.118	1.221	1.256	1.185	1.208	1.161	8.63
25)	T	2-Butanone	0.448	0.486	0.538	0.567	0.500	0.510	0.508	8.10
26)	T	2,2-Dichloropr...	0.902	0.997	1.062	1.141	1.082	1.109	1.049	8.28
27)	T	cis-1,2-Dichlo...	0.674	0.673	0.761	0.792	0.745	0.767	0.735	6.83
28)	T	Bromochloromet...	0.501	0.611	0.482	0.450	0.500	0.523	0.511	10.68
29)	T	Tetrahydrofuran	0.286	0.312	0.319	0.338	0.303	0.311	0.312	5.49
30)	C	Chloroform	1.070	1.238	1.309	1.316	1.269	1.293	1.249	7.41#
31)	T	Cyclohexane		0.911	0.976	1.041	0.926	0.925	0.956	5.60
32)	T	1,1,1-Trichlor...	0.873	1.005	1.133	1.184	1.119	1.149	1.077	10.86
33)	S	1,2-Dichloroet...		0.926	0.876	0.751	0.855	0.880	0.858	7.57
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.371	0.353	0.327	0.359	0.376	0.357	5.43
36)	T	1,1-Dichloropr...	0.382	0.430	0.449	0.494	0.452	0.465	0.445	8.36
37)	T	Ethyl Acetate	0.517	0.549	0.549	0.610	0.539	0.552	0.553	5.61
38)	T	Carbon Tetrach...	0.439	0.466	0.491	0.558	0.520	0.528	0.500	8.69
39)	T	Methylcyclohexane	0.544	0.556	0.564	0.656	0.574	0.576	0.578	6.91
40)	TM	Benzene	1.211	1.369	1.457	1.494	1.388	1.402	1.387	7.04
41)	T	Methacrylonitrile	0.219	0.278	0.292	0.329	0.291	0.289	0.283	12.67
42)	TM	1,2-Dichloroet...	0.499	0.546	0.585	0.603	0.551	0.558	0.557	6.41
43)	T	Isopropyl Acetate	0.745	0.840	0.893	0.976	0.894	0.928	0.880	9.07
44)	TM	Trichloroethene	0.547	0.372	0.368	0.373	0.345	0.352	0.393	19.47
45)	C	1,2-Dichloropr...	0.288	0.322	0.361	0.371	0.346	0.350	0.340	8.84#
46)	T	Dibromomethane	0.239	0.240	0.280	0.293	0.276	0.284	0.269	8.58
47)	T	Bromodichlorom...	0.349	0.425	0.501	0.544	0.528	0.545	0.482	16.40
48)	T	Methyl methacr...	0.387	0.385	0.423	0.467	0.427	0.443	0.422	7.57
49)	T	1,4-Dioxane	0.006	0.008	0.008	0.008	0.008	0.007	0.008	11.13
50)	S	Toluene-d8		1.327	1.237	1.104	1.232	1.257	1.232	6.58
51)	T	4-Methyl-2-Pen...	0.437	0.527	0.562	0.606	0.539	0.548	0.537	10.41
52)	CM	Toluene	0.636	0.839	0.883	0.921	0.850	0.852	0.830	12.02#
53)	T	t-1,3-Dichloro...	0.341	0.413	0.507	0.569	0.549	0.570	0.491	19.21
54)	T	cis-1,3-Dichlo...	0.409	0.462	0.569	0.611	0.580	0.601	0.539	15.38
55)	T	1,1,2-Trichlor...	0.287	0.340	0.375	0.370	0.340	0.345	0.343	9.13

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X112124W.M

56)	T	Ethyl methacry...	0.379	0.467	0.571	0.614	0.582	0.590	0.534	17.12
57)	T	1,3-Dichloropr...	0.480	0.574	0.620	0.625	0.579	0.585	0.577	9.04
58)	T	2-Chloroethyl ...	0.159	0.327	0.276	0.307	0.284	0.287	0.273	21.65
59)	T	2-Hexanone	0.297	0.393	0.431	0.471	0.410	0.419	0.403	14.49
60)	T	Dibromochlorom...	0.249	0.292	0.344	0.396	0.380	0.401	0.344	17.98
61)	T	1,2-Dibromoethane	0.258	0.339	0.373	0.385	0.358	0.367	0.346	13.33
62)	S	4-Bromofluorob...		0.401	0.414	0.387	0.438	0.455	0.419	6.61
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.304	0.342	0.336	0.349	0.315	0.332	0.330	5.14
65)	PM	Chlorobenzene	1.050	1.109	1.107	1.145	1.069	1.108	1.098	3.05
66)	T	1,1,1,2-Tetrac...	0.260	0.332	0.371	0.395	0.382	0.396	0.356	14.75
67)	C	Ethyl Benzene	1.579	1.831	1.910	2.024	1.884	1.938	1.861	8.19#
68)	T	m/p-Xylenes	0.610	0.663	0.704	0.762	0.700	0.725	0.694	7.57
69)	T	o-Xylene	0.543	0.665	0.691	0.757	0.693	0.716	0.678	10.75
70)	T	Styrene	0.859	1.025	1.174	1.263	1.186	1.217	1.121	13.47
71)	P	Bromoform	0.145	0.200	0.222	0.284	0.286	0.306	0.240	25.88
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.435	3.927	3.996	4.097	3.679	3.927	3.843	6.32
74)	T	N-amyl acetate	1.249	1.648	1.867	1.996	1.895	2.029	1.780	16.45
75)	P	1,1,2,2-Tetrac...	1.198	1.356	1.375	1.393	1.260	1.314	1.316	5.70
76)	T	1,2,3-Trichlor...	0.863	1.246	1.153	1.181	1.053	1.084	1.096	12.17
77)	T	Bromobenzene	0.794	0.958	0.955	0.975	0.883	0.936	0.917	7.40
78)	T	n-propylbenzene	3.667	4.115	4.469	4.733	4.286	4.486	4.293	8.63
79)	T	2-Chlorotoluene	2.487	2.766	2.868	2.857	2.581	2.726	2.714	5.62
80)	T	1,3,5-Trimethy...	2.704	3.115	3.352	3.444	3.118	3.238	3.162	8.19
81)	T	trans-1,4-Dich...		0.298	0.374	0.443	0.423	0.471	0.402	16.90
82)	T	4-Chlorotoluene	2.660	3.005	3.187	3.329	3.025	3.180	3.064	7.54
83)	T	tert-Butylbenzene	2.581	3.097	3.266	3.440	3.152	3.269	3.134	9.42
84)	T	1,2,4-Trimethy...	2.557	3.173	3.366	3.440	3.124	3.228	3.148	9.95
85)	T	sec-Butylbenzene	3.116	3.921	3.968	4.249	3.812	3.974	3.840	9.97
86)	T	p-Isopropyltol...	2.255	3.043	3.316	3.521	3.219	3.362	3.119	14.50
87)	T	1,3-Dichlorobe...	1.580	1.656	1.701	1.764	1.623	1.696	1.670	3.88
88)	T	1,4-Dichlorobe...	1.730	1.638	1.706	1.782	1.650	1.710	1.702	3.10
89)	T	n-Butylbenzene	1.897	2.580	2.805	3.184	2.909	3.126	2.750	17.18
90)	T	Hexachloroethane	0.450	0.443	0.496	0.588	0.581	0.625	0.530	14.64
91)	T	1,2-Dichlorobe...	1.506	1.733	1.723	1.768	1.642	1.740	1.685	5.79
92)	T	1,2-Dibromo-3-...	0.213	0.254	0.252	0.284	0.275	0.304	0.264	12.00
93)	T	1,2,4-Trichlor...	0.849	0.905	0.987	1.084	1.012	1.125	0.994	10.53
94)	T	Hexachlorobuta...	0.382	0.384	0.376	0.411	0.384	0.419	0.393	4.54
95)	T	Naphthalene	2.605	3.361	3.698	4.005	3.733	4.058	3.576	15.03
96)	T	1,2,3-Trichlor...	0.753	0.960	1.055	1.118	1.018	1.130	1.006	13.83

(#) = Out of Range



R = 1.533e-002 A*A + 2.616e-001 A - 6.311e-003
Coef of Det (r^2) = 0.999408 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X112124W.M
Calibration Table Last Updated: Fri Nov 22 03:45:52 2024

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043923.D
Acq On : 20 Nov 2024 19:16
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Manual Integrations APPROVED

Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 07:05:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 07:00:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	138810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	250758	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	102312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	123698	58.016	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.040%			
35) Dibromofluoromethane	5.379	113	92258	54.792	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.580%			
50) Toluene-d8	8.647	98	312682	55.587	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.180%			
62) 4-Bromofluorobenzene	11.079	95	112440	60.492	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 120.980%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	87148	62.046	ug/l	98
3) Chloromethane	1.294	50	98071	55.867	ug/l	99
4) Vinyl Chloride	1.374	62	98663	55.940	ug/l	97
5) Bromomethane	1.593	94	55648	69.459	ug/l	100
6) Chloroethane	1.660	64	49530	58.791	ug/l	99
7) Trichlorofluoromethane	1.867	101	174189	69.274	ug/l	100
8) Diethyl Ether	2.136	74	61407	64.776	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	78888	53.013	ug/l	98
10) Methyl Iodide	2.441	142	108199	51.664	ug/l	95
11) Tert butyl alcohol	3.001	59	96228	283.818	ug/l	99
12) 1,1-Dichloroethene	2.306	96	77411	53.599	ug/l	87
13) Acrolein	2.239	56	103637	272.556	ug/l	99
14) Allyl chloride	2.654	41	136615	58.343	ug/l	89
15) Acrylonitrile	3.068	53	241080	276.221	ug/l	98
16) Acetone	2.392	43	227575	265.748	ug/l	93
17) Carbon Disulfide	2.502	76	170454	54.052	ug/l	99
18) Methyl Acetate	2.703	43	128026	54.593	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	308920	57.868	ug/l	99
20) Methylene Chloride	2.782	84	92077	51.368	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	87463	55.548	ug/l	97
22) Diisopropyl ether	3.763	45	296742	58.005	ug/l	96
23) Vinyl Acetate	3.721	43	1303089	314.256	ug/l	98
24) 1,1-Dichloroethane	3.605	63	169925	56.478	ug/l	100
25) 2-Butanone	4.562	43	345310	288.244	ug/l	97
26) 2,2-Dichloropropane	4.465	77	141245	57.127	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	106274	54.236	ug/l	96
28) Bromochloromethane	4.891	49	68700	54.265	ug/l	94
29) Tetrahydrofuran	5.007	42	220135	284.374	ug/l	97
30) Chloroform	5.086	83	178903	57.044	ug/l	100
31) Cyclohexane	5.458	56	128800	52.818	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	155630	58.048	ug/l	98
36) 1,1-Dichloropropene	5.684	75	112658	53.685	ug/l	99
37) Ethyl Acetate	4.715	43	139478	59.057	ug/l	97
38) Carbon Tetrachloride	5.666	117	124606	56.086	ug/l	98
39) Methylcyclohexane	7.373	83	138032	52.543	ug/l	97
40) Benzene	6.031	78	349857	53.028	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043923.D
Acq On : 20 Nov 2024 19:16
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 21 07:05:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 07:00:56 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Manual Integrations APPROVED

Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.922	41	73757	59.928 ug/l		96
42) 1,2-Dichloroethane	6.080	62	141058	58.882 ug/l		97
43) Isopropyl Acetate	6.342	43	224533	60.266 ug/l		94
44) Trichloroethene	7.123	130	87313	48.004 ug/l		99
45) 1,2-Dichloropropane	7.427	63	87107	53.869 ug/l		100
46) Dibromomethane	7.580	93	69900	57.366 ug/l		95
47) Bromodichloromethane	7.818	83	125370	58.559 ug/l		97
48) Methyl methacrylate	7.696	41	105250	56.995 ug/l	#	88
49) 1,4-Dioxane	7.665	88	45681m	1161.399 ug/l		
51) 4-Methyl-2-Pentanone	8.574	43	689501	296.806 ug/l		95
52) Toluene	8.714	92	217080	57.032 ug/l		99
53) t-1,3-Dichloropropene	8.976	75	128331	59.078 ug/l		99
54) cis-1,3-Dichloropropene	8.360	75	139851	56.813 ug/l	#	91
55) 1,1,2-Trichloroethane	9.153	97	86975	58.565 ug/l		98
56) Ethyl methacrylate	9.116	69	141716	60.268 ug/l	#	89
57) 1,3-Dichloropropane	9.305	76	146448	58.860 ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	346010	280.598 ug/l		98
59) 2-Hexanone	9.433	43	513732	313.432 ug/l		94
60) Dibromochloromethane	9.519	129	90863	62.789 ug/l		99
61) 1,2-Dibromoethane	9.610	107	89087	57.509 ug/l		98
64) Tetrachloroethene	9.269	164	69945	51.529 ug/l		97
65) Chlorobenzene	10.079	112	230498	52.143 ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	80691	54.848 ug/l		97
67) Ethyl Benzene	10.189	91	404866	54.424 ug/l		98
68) m/p-Xylenes	10.299	106	300638	108.500 ug/l		96
69) o-Xylene	10.640	106	149788	55.404 ug/l		99
70) Styrene	10.652	104	250564	56.236 ug/l		97
71) Bromoform	10.799	173	56733	49.198 ug/l	#	97
73) Isopropylbenzene	10.963	105	387920	53.117 ug/l		99
74) N-amyl acetate	10.841	43	193137	51.587 ug/l		94
75) 1,1,2,2-Tetrachloroethane	11.213	83	134303	54.391 ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	110813m	53.071 ug/l		
77) Bromobenzene	11.195	156	92179	51.501 ug/l		98
78) n-propylbenzene	11.305	91	441866	54.835 ug/l		98
79) 2-Chlorotoluene	11.366	91	277003	54.025 ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	322601	53.291 ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	39924	48.469 ug/l		93
82) 4-Chlorotoluene	11.451	91	313937	53.165 ug/l		98
83) tert-Butylbenzene	11.713	119	320262	51.719 ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	327564	53.283 ug/l		98
85) sec-Butylbenzene	11.890	105	389571	52.682 ug/l		99
86) p-Isopropyltoluene	12.006	119	325801	52.472 ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	168646	50.841 ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	167075	49.126 ug/l		98
89) n-Butylbenzene	12.329	91	283194	53.527 ug/l		98
90) Hexachloroethane	12.536	117	55605	46.087 ug/l		95
91) 1,2-Dichlorobenzene	12.335	146	169920	48.926 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	27323	45.200 ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	98885	48.719 ug/l		97
94) Hexachlorobutadiene	13.725	225	39642	47.658 ug/l		98
95) Naphthalene	13.774	128	381936	50.468 ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	104145	49.248 ug/l		99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043923.D
Acq On : 20 Nov 2024 19:16
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Manual Integrations APPROVED

Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 07:05:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 07:00:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

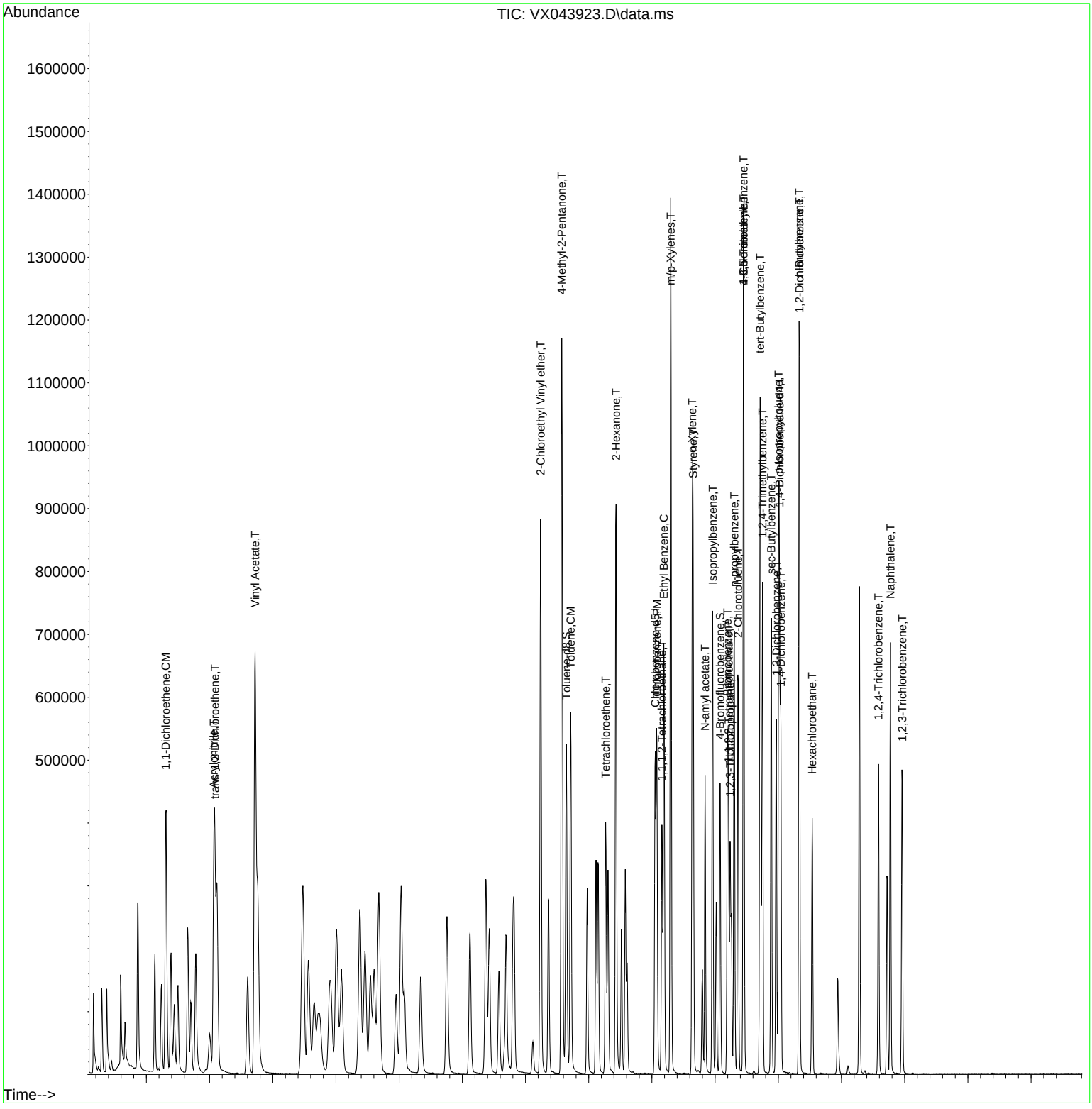
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043923.D
Acq On : 20 Nov 2024 19:16
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 21 07:05:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 07:00:56 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Manual Integrations APPROVED

Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043923.D
Acq On : 20 Nov 2024 19:16
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Quant Time: Nov 21 07:05:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 07:00:56 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	78	0.00
2	T	Dichlorodifluoromethane	0.611	0.628	-2.8	89	0.00
3	P	Chloromethane	0.660	0.707	-7.1	84	0.00
4	C	Vinyl Chloride	0.680	0.711	-4.6#	94	0.00
5	T	Bromomethane	0.408	0.401	1.7	102	0.00
6	T	Chloroethane	0.401	0.357	11.0	102	0.00
7	T	Trichlorofluoromethane	1.197	1.255	-4.8	105	0.00
8	T	Diethyl Ether	0.440	0.442	-0.5	101	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.584	0.568	2.7	83	0.00
10	T	Methyl Iodide	0.749	0.779	-4.0	78	0.00
11	T	Tert butyl alcohol	0.138	0.139	-0.7	93	0.00
12	CM	1,1-Dichloroethene	0.566	0.558	1.4#	80	0.00
13	T	Acrolein	0.145	0.149	-2.8	81	0.00
14	T	Allyl chloride	0.921	0.984	-6.8	83	0.00
15	T	Acrylonitrile	0.328	0.347	-5.8	83	0.00
16	T	Acetone	0.373	0.328	12.1	85	0.00
17	T	Carbon Disulfide	1.163	1.228	-5.6	84	0.00
18	T	Methyl Acetate	0.892	0.922	-3.4	86	0.00
19	T	Methyl tert-butyl Ether	2.047	2.225	-8.7	87	0.00
20	T	Methylene Chloride	0.662	0.663	-0.2	82	0.00
21	T	trans-1,2-Dichloroethene	0.586	0.630	-7.5	84	0.00
22	T	Diisopropyl ether	1.969	2.138	-8.6	87	0.00
23	T	Vinyl Acetate	1.666	1.878	-12.7	91	0.00
24	P	1,1-Dichloroethane	1.137	1.224	-7.7	86	0.00
25	T	2-Butanone	0.489	0.498	-1.8	86	0.00
26	T	2,2-Dichloropropane	1.009	1.018	-0.9	87	0.00
27	T	cis-1,2-Dichloroethene	0.723	0.766	-5.9	83	0.00
28	T	Bromochloromethane	0.512	0.495	3.3	84	0.00
29	T	Tetrahydrofuran	0.303	0.317	-4.6	86	0.00
30	C	Chloroform	1.221	1.289	-5.6#	87	0.00
31	T	Cyclohexane	0.922	0.928	-0.7	83	0.00
32	T	1,1,1-Trichloroethane	1.047	1.121	-7.1	87	0.00
33	S	1,2-Dichloroethane-d4	0.864	0.891	-3.1	89	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	76	0.00
35	S	Dibromofluoromethane	0.360	0.368	-2.2	82	0.00
36	T	1,1-Dichloropropene	0.431	0.449	-4.2	84	0.00
37	T	Ethyl Acetate	0.514	0.556	-8.2	90	0.00
38	T	Carbon Tetrachloride	0.480	0.497	-3.5	87	0.00
39	T	Methylcyclohexane	0.555	0.550	0.9	81	0.00
40	TM	Benzene	1.360	1.395	-2.6	80	0.00
41	T	Methacrylonitrile	0.274	0.294	-7.3	87	0.00
42	TM	1,2-Dichloroethane	0.536	0.563	-5.0	90	0.00
43	T	Isopropyl Acetate	0.840	0.895	-6.5	92	0.00
44	TM	Trichloroethene	0.385	0.348	9.6	82	0.00
45	C	1,2-Dichloropropane	0.331	0.347	-4.8#	82	0.00
46	T	Dibromomethane	0.260	0.279	-7.3	87	0.00
47	T	Bromodichloromethane	0.467	0.500	-7.1	84	0.00
48	T	Methyl methacrylate	0.388	0.420	-8.2	89	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043923.D
Acq On : 20 Nov 2024 19:16
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Quant Time: Nov 21 07:05:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 07:00:56 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.006	0.009	-50.0#	120	0.00
50	S	Toluene-d8	1.247	1.247	0.0	80	0.00
51	T	4-Methyl-2-Pentanone	0.515	0.550	-6.8	88	0.00
52	CM	Toluene	0.812	0.866	-6.7#	81	0.00
53	T	t-1,3-Dichloropropene	0.475	0.512	-7.8	83	0.00
54	T	cis-1,3-Dichloropropene	0.521	0.558	-7.1	84	0.00
55	T	1,1,2-Trichloroethane	0.335	0.347	-3.6	82	0.00
56	T	Ethyl methacrylate	0.519	0.565	-8.9	82	0.00
57	T	1,3-Dichloropropane	0.564	0.584	-3.5	81	0.00
58	T	2-Chloroethyl Vinyl ether	0.265	0.276	-4.2	82	0.00
59	T	2-Hexanone	0.384	0.410	-6.8	88	0.00
60	T	Dibromochloromethane	0.333	0.362	-8.7	84	0.00
61	T	1,2-Dibromoethane	0.337	0.355	-5.3	82	0.00
62	S	4-Bromofluorobenzene	0.426	0.448	-5.2	81	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
64	T	Tetrachloroethene	0.325	0.331	-1.8	79	0.00
65	PM	Chlorobenzene	1.085	1.089	-0.4	78	0.00
66	T	1,1,1,2-Tetrachloroethane	0.350	0.381	-8.9	81	0.00
67	C	Ethyl Benzene	1.828	1.913	-4.6#	80	0.00
68	T	m/p-Xylenes	0.682	0.710	-4.1	78	0.00
69	T	o-Xylene	0.665	0.708	-6.5	79	0.00
70	T	Styrene	1.104	1.184	-7.2	78	0.00
71	P	Bromoform	0.234	0.268	-14.5	83	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	0.00
73	T	Isopropylbenzene	3.765	3.792	-0.7	81	0.00
74	T	N-amyl acetate	1.717	1.888	-10.0	90	0.00
75	P	1,1,2,2-Tetrachloroethane	1.289	1.313	-1.9	82	0.00
76	T	1,2,3-Trichloropropane	1.069	1.083	-1.3	82	0.00
77	T	Bromobenzene	0.902	0.901	0.1	78	0.00
78	T	n-propylbenzene	4.192	4.319	-3.0	81	0.00
79	T	2-Chlorotoluene	2.665	2.707	-1.6	81	0.00
80	T	1,3,5-Trimethylbenzene	3.096	3.153	-1.8	80	0.00
81	T	trans-1,4-Dichloro-2-butene	0.388	0.390	-0.5	80	0.00
82	T	4-Chlorotoluene	3.000	3.068	-2.3	80	0.00
83	T	tert-Butylbenzene	3.073	3.130	-1.9	78	0.00
84	T	1,2,4-Trimethylbenzene	3.094	3.202	-3.5	79	0.00
85	T	sec-Butylbenzene	3.750	3.808	-1.5	79	0.00
86	T	p-Isopropyltoluene	3.057	3.184	-4.2	78	0.00
87	T	1,3-Dichlorobenzene	1.647	1.648	-0.1	78	0.00
88	T	1,4-Dichlorobenzene	1.648	1.633	0.9	78	0.00
89	T	n-Butylbenzene	2.657	2.768	-4.2	81	0.00
90	T	Hexachloroethane	0.515	0.543	-5.4	85	0.00
91	T	1,2-Dichlorobenzene	1.665	1.661	0.2	78	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.258	0.267	-3.5	83	0.00
93	T	1,2,4-Trichlorobenzene	0.976	0.967	0.9	76	0.00
94	T	Hexachlorobutadiene	0.386	0.387	-0.3	80	0.00
95	T	Naphthalene	3.532	3.733	-5.7	77	0.00

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043923.D
Acq On : 20 Nov 2024 19:16
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Quant Time: Nov 21 07:05:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 07:00:56 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.991	1.018	-2.7	76	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043923.D
Acq On : 20 Nov 2024 19:16
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Quant Time: Nov 21 07:05:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 07:00:56 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	78	0.00
2	T	Dichlorodifluoromethane	50.000	62.046	-24.1	89	0.00
3	P	Chloromethane	50.000	55.867	-11.7	84	0.00
4	C	Vinyl Chloride	50.000	55.940	-11.9#	94	0.00
5	T	Bromomethane	50.000	69.459	-38.9#	102	0.00
6	T	Chloroethane	50.000	58.791	-17.6	102	0.00
7	T	Trichlorofluoromethane	50.000	69.274	-38.5#	105	0.00
8	T	Diethyl Ether	50.000	64.776	-29.6#	101	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.013	-6.0	83	0.00
10	T	Methyl Iodide	50.000	51.664	-3.3	78	0.00
11	T	Tert butyl alcohol	250.000	283.818	-13.5	93	0.00
12	CM	1,1-Dichloroethene	50.000	53.599	-7.2#	80	0.00
13	T	Acrolein	250.000	272.556	-9.0	81	0.00
14	T	Allyl chloride	50.000	58.343	-16.7	83	0.00
15	T	Acrylonitrile	250.000	276.221	-10.5	83	0.00
16	T	Acetone	250.000	265.748	-6.3	85	0.00
17	T	Carbon Disulfide	50.000	54.052	-8.1	84	0.00
18	T	Methyl Acetate	50.000	54.593	-9.2	86	0.00
19	T	Methyl tert-butyl Ether	50.000	57.868	-15.7	87	0.00
20	T	Methylene Chloride	50.000	51.368	-2.7	82	0.00
21	T	trans-1,2-Dichloroethene	50.000	55.548	-11.1	84	0.00
22	T	Diisopropyl ether	50.000	58.005	-16.0	87	0.00
23	T	Vinyl Acetate	250.000	314.256	-25.7#	91	0.00
24	P	1,1-Dichloroethane	50.000	56.478	-13.0	86	0.00
25	T	2-Butanone	250.000	288.244	-15.3	86	0.00
26	T	2,2-Dichloropropane	50.000	57.127	-14.3	87	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.236	-8.5	83	0.00
28	T	Bromochloromethane	50.000	54.265	-8.5	84	0.00
29	T	Tetrahydrofuran	250.000	284.374	-13.7	86	0.00
30	C	Chloroform	50.000	57.044	-14.1#	87	0.00
31	T	Cyclohexane	50.000	52.818	-5.6	83	0.00
32	T	1,1,1-Trichloroethane	50.000	58.048	-16.1	87	0.00
33	S	1,2-Dichloroethane-d4	50.000	58.016	-16.0	89	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	76	0.00
35	S	Dibromofluoromethane	50.000	54.792	-9.6	82	0.00
36	T	1,1-Dichloropropene	50.000	53.685	-7.4	84	0.00
37	T	Ethyl Acetate	50.000	59.057	-18.1	90	0.00
38	T	Carbon Tetrachloride	50.000	56.086	-12.2	87	0.00
39	T	Methylcyclohexane	50.000	52.543	-5.1	81	0.00
40	TM	Benzene	50.000	53.028	-6.1	80	0.00
41	T	Methacrylonitrile	50.000	59.928	-19.9	87	0.00
42	TM	1,2-Dichloroethane	50.000	58.882	-17.8	90	0.00
43	T	Isopropyl Acetate	50.000	60.266	-20.5	92	0.00
44	TM	Trichloroethene	50.000	48.004	4.0	82	0.00
45	C	1,2-Dichloropropane	50.000	53.869	-7.7#	82	0.00
46	T	Dibromomethane	50.000	57.366	-14.7	87	0.00
47	T	Bromodichloromethane	50.000	58.559	-17.1	84	0.00
48	T	Methyl methacrylate	50.000	56.995	-14.0	89	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043923.D
Acq On : 20 Nov 2024 19:16
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Quant Time: Nov 21 07:05:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 07:00:56 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1161.399	-16.1	120	0.00
50	S	Toluene-d8	50.000	55.587	-11.2	80	0.00
51	T	4-Methyl-2-Pentanone	250.000	296.806	-18.7	88	0.00
52	CM	Toluene	50.000	57.032	-14.1#	81	0.00
53	T	t-1,3-Dichloropropene	50.000	59.078	-18.2	83	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.813	-13.6	84	0.00
55	T	1,1,2-Trichloroethane	50.000	58.565	-17.1	82	0.00
56	T	Ethyl methacrylate	50.000	60.268	-20.5	82	0.00
57	T	1,3-Dichloropropane	50.000	58.860	-17.7	81	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	280.598	-12.2	82	0.00
59	T	2-Hexanone	250.000	313.432	-25.4#	88	0.00
60	T	Dibromochloromethane	50.000	62.789	-25.6#	84	0.00
61	T	1,2-Dibromoethane	50.000	57.509	-15.0	82	0.00
62	S	4-Bromofluorobenzene	50.000	60.492	-21.0	81	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64	T	Tetrachloroethene	50.000	51.529	-3.1	79	0.00
65	PM	Chlorobenzene	50.000	52.143	-4.3	78	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.848	-9.7	81	0.00
67	C	Ethyl Benzene	50.000	54.424	-8.8#	80	0.00
68	T	m/p-Xylenes	100.000	108.500	-8.5	78	0.00
69	T	o-Xylene	50.000	55.404	-10.8	79	0.00
70	T	Styrene	50.000	56.236	-12.5	78	0.00
71	P	Bromoform	50.000	49.198	1.6	83	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73	T	Isopropylbenzene	50.000	53.117	-6.2	81	0.00
74	T	N-amyl acetate	50.000	51.587	-3.2	90	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.391	-8.8	82	0.00
76	T	1,2,3-Trichloropropane	50.000	53.071	-6.1	82	0.00
77	T	Bromobenzene	50.000	51.501	-3.0	78	0.00
78	T	n-propylbenzene	50.000	54.835	-9.7	81	0.00
79	T	2-Chlorotoluene	50.000	54.025	-8.0	81	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.291	-6.6	80	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.469	3.1	80	0.00
82	T	4-Chlorotoluene	50.000	53.165	-6.3	80	0.00
83	T	tert-Butylbenzene	50.000	51.719	-3.4	78	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.283	-6.6	79	0.00
85	T	sec-Butylbenzene	50.000	52.682	-5.4	79	0.00
86	T	p-Isopropyltoluene	50.000	52.472	-4.9	78	0.00
87	T	1,3-Dichlorobenzene	50.000	50.841	-1.7	78	0.00
88	T	1,4-Dichlorobenzene	50.000	49.126	1.7	78	0.00
89	T	n-Butylbenzene	50.000	53.527	-7.1	81	0.00
90	T	Hexachloroethane	50.000	46.087	7.8	85	0.00
91	T	1,2-Dichlorobenzene	50.000	48.926	2.1	78	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.200	9.6	83	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.719	2.6	76	0.00
94	T	Hexachlorobutadiene	50.000	47.658	4.7	80	0.00
95	T	Naphthalene	50.000	50.468	-0.9	77	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043923.D
Acq On : 20 Nov 2024 19:16
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Quant Time: Nov 21 07:05:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 07:00:56 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.248	1.5	76	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043925.D
Acq On : 21 Nov 2024 09:47
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 03:27:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:25:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	148984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	260569	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	218244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount 50.000	Range 74 - 125		Recovery =	0.000%#		
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#		
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount 50.000	Range 86 - 113		Recovery =	0.000%#		
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount 50.000	Range 77 - 121		Recovery =	0.000%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	1889	1.001	ug/l	88
3) Chloromethane	1.295	50	1723	0.868	ug/l	90
4) Vinyl Chloride	1.374	62	2010	0.951	ug/l #	81
6) Chloroethane	1.666	64	1724	1.339	ug/l #	82
7) Trichlorofluoromethane	1.874	101	3093	0.819	ug/l	92
8) Diethyl Ether	2.136	74	1421	1.032	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.313	101	1764	0.979	ug/l	94
12) 1,1-Dichloroethene	2.300	96	1775	1.034	ug/l #	62
14) Allyl chloride	2.654	41	2371	0.845	ug/l	87
15) Acrylonitrile	3.063	53	4483	4.485	ug/l	95
16) Acetone	2.386	43	5977	5.093	ug/l #	86
17) Carbon Disulfide	2.502	76	3223	0.910	ug/l	99
18) Methyl Acetate	2.703	43	2775	1.015	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	5162	0.828	ug/l	94
20) Methylene Chloride	2.782	84	2099	1.054	ug/l #	73
21) trans-1,2-Dichloroethene	3.081	96	1624	0.916	ug/l	97
22) Diisopropyl ether	3.751	45	4882	0.814	ug/l #	30
23) Vinyl Acetate	3.727	43	18541	3.613	ug/l	98
24) 1,1-Dichloroethane	3.593	63	2919	0.844	ug/l #	94
25) 2-Butanone	4.581	43	6676	4.408	ug/l	92
26) 2,2-Dichloropropane	4.459	77	2687	0.860	ug/l	86
27) cis-1,2-Dichloroethene	4.495	96	2007	0.916	ug/l	89
28) Bromochloromethane	4.904	49	1494m	0.981	ug/l	
29) Tetrahydrofuran	5.013	42	4264	4.593	ug/l	95
30) Chloroform	5.093	83	3187	0.856	ug/l #	76
32) 1,1,1-Trichloroethane	5.373	97	2600	0.810	ug/l #	46
36) 1,1-Dichloropropene	5.690	75	1993	0.859	ug/l #	80
37) Ethyl Acetate	4.733	43	2692m	0.935	ug/l	
38) Carbon Tetrachloride	5.660	117	2287	0.877	ug/l #	78
39) Methylcyclohexane	7.379	83	2835	0.941	ug/l	90
40) Benzene	6.032	78	6312	0.873	ug/l #	84
41) Methacrylonitrile	4.934	41	1141m	0.774	ug/l	
42) 1,2-Dichloroethane	6.086	62	2602	0.896	ug/l	84
43) Isopropyl Acetate	6.355	43	3881	0.847	ug/l #	90
44) Trichloroethene	7.123	130	2850	1.393	ug/l	82
45) 1,2-Dichloropropane	7.428	63	1503	0.849	ug/l	100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043925.D
Acq On : 21 Nov 2024 09:47
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 03:27:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:25:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.580	93	1246	0.890	ug/l		94
47) Bromodichloromethane	7.824	83	1819	0.724	ug/l	#	93
48) Methyl methacrylate	7.702	41	2017m	0.917	ug/l		
49) 1,4-Dioxane	7.671	88	613	16.166	ug/l	#	50
51) 4-Methyl-2-Pentanone	8.574	43	11392	4.073	ug/l		96
52) Toluene	8.714	92	3313	0.766	ug/l		82
53) t-1,3-Dichloropropene	8.988	75	1776	0.694	ug/l	#	86
54) cis-1,3-Dichloropropene	8.366	75	2132	0.759	ug/l	#	84
55) 1,1,2-Trichloroethane	9.153	97	1496	0.838	ug/l	#	85
56) Ethyl methacrylate	9.122	69	1973	0.709	ug/l	#	82
57) 1,3-Dichloropropane	9.305	76	2502	0.832	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.245	63	4135	2.662	ug/l		93
59) 2-Hexanone	9.439	43	7726	3.675	ug/l		99
60) Dibromochloromethane	9.519	129	1296	0.723	ug/l		93
61) 1,2-Dibromoethane	9.610	107	1342	0.743	ug/l	#	80
64) Tetrachloroethene	9.269	164	1329	0.924	ug/l		88
65) Chlorobenzene	10.073	112	4585	0.957	ug/l	#	86
66) 1,1,1,2-Tetrachloroethane	10.165	131	1136	0.731	ug/l	#	66
67) Ethyl Benzene	10.195	91	6890	0.848	ug/l	#	86
68) m/p-Xylenes	10.305	106	5324	1.758	ug/l		95
69) o-Xylene	10.640	106	2370	0.801	ug/l		95
70) Styrene	10.665	104	3751	0.767	ug/l		97
71) Bromoform	10.799	173	632	1.756	ug/l	#	87
73) Isopropylbenzene	10.964	105	6379	0.894	ug/l		94
74) N-amyl acetate	10.848	43	2319	0.701	ug/l		93
75) 1,1,2,2-Tetrachloroethane	11.214	83	2224	0.910	ug/l		83
76) 1,2,3-Trichloropropane	11.244	75	1603m	0.801	ug/l		
77) Bromobenzene	11.201	156	1475	0.866	ug/l		94
78) n-propylbenzene	11.305	91	6810	0.854	ug/l		95
79) 2-Chlorotoluene	11.366	91	4618	0.916	ug/l		92
80) 1,3,5-Trimethylbenzene	11.451	105	5022	0.855	ug/l		96
82) 4-Chlorotoluene	11.457	91	4940	0.868	ug/l		94
83) tert-Butylbenzene	11.713	119	4794	0.824	ug/l		96
84) 1,2,4-Trimethylbenzene	11.750	105	4748	0.812	ug/l		99
85) sec-Butylbenzene	11.890	105	5787	0.812	ug/l		94
86) p-Isopropyltoluene	12.012	119	4187	0.723	ug/l		87
87) 1,3-Dichlorobenzene	11.969	146	2934	0.946	ug/l		93
88) 1,4-Dichlorobenzene	12.043	146	3212m	1.020	ug/l		
89) n-Butylbenzene	12.335	91	3522	0.690	ug/l		93
90) Hexachloroethane	12.536	117	835	0.848	ug/l		86
91) 1,2-Dichlorobenzene	12.335	146	2796	0.893	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	12.957	75	395	0.807	ug/l		65
93) 1,2,4-Trichlorobenzene	13.597	180	1576	0.854	ug/l		78
94) Hexachlorobutadiene	13.725	225	709	0.972	ug/l		89
95) Naphthalene	13.780	128	4837	0.728	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	1398	0.749	ug/l		81

(#) = qualifier out of range (m) = manual integration (+) = signals summed

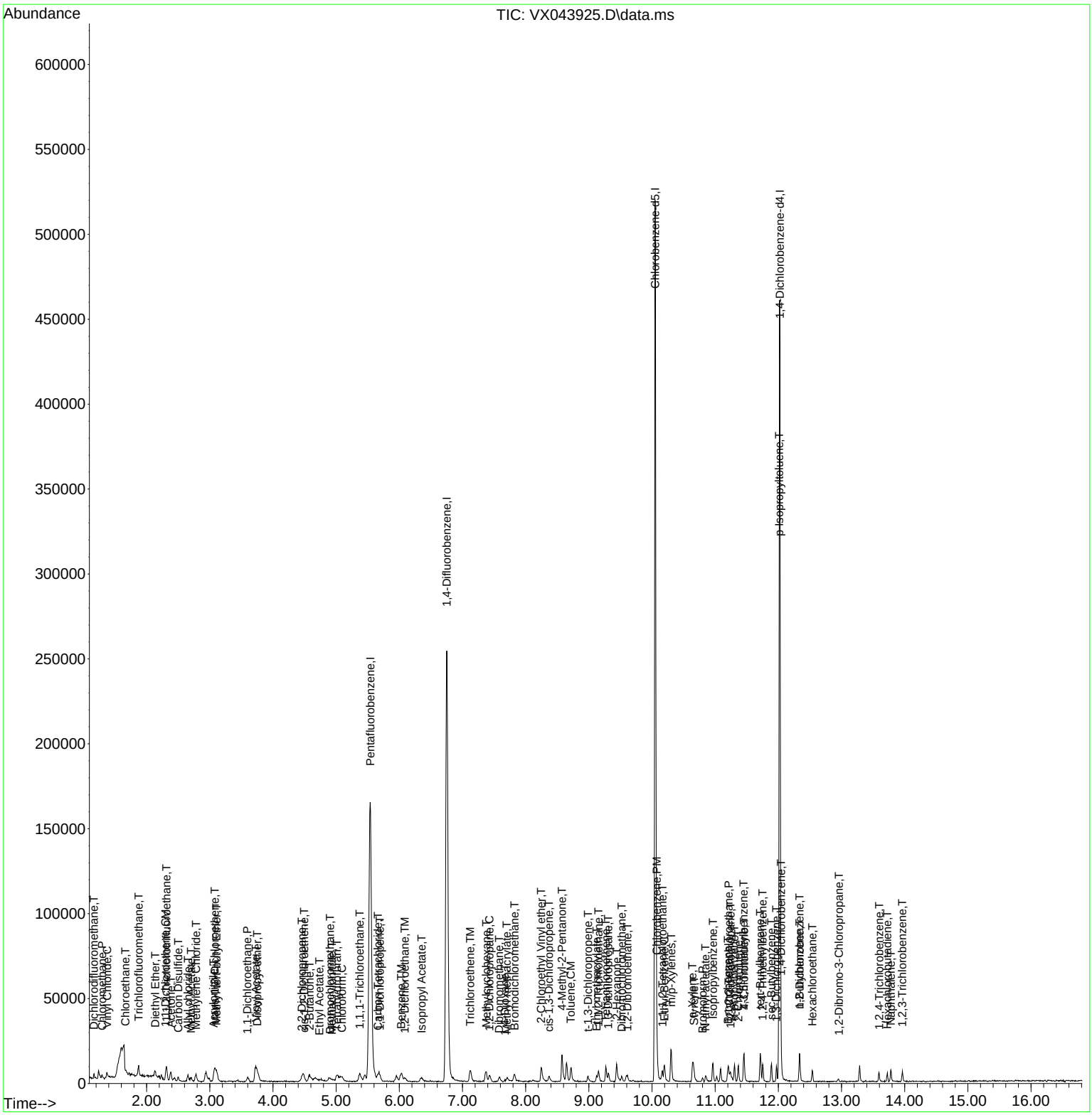
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043925.D
Acq On : 21 Nov 2024 09:47
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 22 03:27:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:25:42 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043926.D
Acq On : 21 Nov 2024 10:14
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 03:28:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:25:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	150793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	264969	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	13961	5.398	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.800%#		
35) Dibromofluoromethane	5.379	113	9842	5.198	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.400%#		
50) Toluene-d8	8.646	98	35173	5.389	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.780%#		
62) 4-Bromofluorobenzene	11.079	95	10618	4.780	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.560%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	9545	4.997	ug/l	87
3) Chloromethane	1.294	50	9980	4.965	ug/l	98
4) Vinyl Chloride	1.373	62	10682	4.996	ug/l	100
5) Bromomethane	1.593	94	6415	4.877	ug/l	90
6) Chloroethane	1.666	64	6474	4.969	ug/l	99
7) Trichlorofluoromethane	1.867	101	19099	4.996	ug/l	91
8) Diethyl Ether	2.129	74	6480	4.651	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.318	101	8824	4.839	ug/l	98
10) Methyl Iodide	2.440	142	9897	4.346	ug/l	98
11) Tert butyl alcohol	2.995	59	9278m	22.349	ug/l	
12) 1,1-Dichloroethene	2.306	96	7987	4.597	ug/l	87
13) Acrolein	2.239	56	11940	27.287	ug/l	97
14) Allyl chloride	2.654	41	12874	4.534	ug/l	96
15) Acrylonitrile	3.062	53	24290	24.010	ug/l	99
16) Acetone	2.385	43	29886	25.159	ug/l	95
17) Carbon Disulfide	2.495	76	14415	4.022	ug/l #	94
18) Methyl Acetate	2.702	43	13127	4.745	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	30022	4.759	ug/l #	88
20) Methylene Chloride	2.782	84	9895	4.909	ug/l	95
21) trans-1,2-Dichloroethene	3.080	96	8486	4.730	ug/l #	80
22) Diisopropyl ether	3.757	45	29102	4.794	ug/l #	65
23) Vinyl Acetate	3.721	43	116242	22.382	ug/l	100
24) 1,1-Dichloroethane	3.599	63	16857	4.813	ug/l	98
25) 2-Butanone	4.568	43	36680	23.931	ug/l	96
26) 2,2-Dichloropropane	4.458	77	15040	4.755	ug/l #	76
27) cis-1,2-Dichloroethene	4.477	96	10153	4.579	ug/l	96
28) Bromochloromethane	4.891	49	9210	5.974	ug/l	100
29) Tetrahydrofuran	5.007	42	23518	25.028	ug/l	96
30) Chloroform	5.086	83	18661	4.954	ug/l	97
31) Cyclohexane	5.458	56	13740	4.767	ug/l #	85
32) 1,1,1-Trichloroethane	5.379	97	15162	4.667	ug/l	96
36) 1,1-Dichloropropene	5.690	75	11406	4.834	ug/l	97
37) Ethyl Acetate	4.720	43	14551m	4.968	ug/l	
38) Carbon Tetrachloride	5.665	117	12348	4.658	ug/l	97
39) Methylcyclohexane	7.372	83	14721	4.803	ug/l	95
40) Benzene	6.031	78	36283	4.937	ug/l	94

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043926.D
Acq On : 21 Nov 2024 10:14
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 22 03:28:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:25:42 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	7355	4.907	ug/l	#	95
42) 1,2-Dichloroethane	6.080	62	14467	4.901	ug/l		99
43) Isopropyl Acetate	6.348	43	22267	4.777	ug/l		99
44) Trichloroethene	7.128	130	9852	4.736	ug/l		92
45) 1,2-Dichloropropane	7.427	63	8525	4.736	ug/l		91
46) Dibromomethane	7.586	93	6372	4.475	ug/l		93
47) Bromodichloromethane	7.823	83	11249	4.405	ug/l		96
48) Methyl methacrylate	7.695	41	10190	4.556	ug/l		95
49) 1,4-Dioxane	7.677	88	4090m	106.070	ug/l		
51) 4-Methyl-2-Pentanone	8.573	43	69843	24.556	ug/l		97
52) Toluene	8.714	92	22218	5.051	ug/l		96
53) t-1,3-Dichloropropene	8.982	75	10937	4.200	ug/l		94
54) cis-1,3-Dichloropropene	8.366	75	12253	4.292	ug/l		94
55) 1,1,2-Trichloroethane	9.152	97	9000	4.957	ug/l		94
56) Ethyl methacrylate	9.116	69	12381	4.378	ug/l		96
57) 1,3-Dichloropropane	9.311	76	15211	4.973	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	43351	27.673	ug/l		100
59) 2-Hexanone	9.433	43	52072	24.357	ug/l		100
60) Dibromochloromethane	9.518	129	7738	4.247	ug/l		99
61) 1,2-Dibromoethane	9.610	107	8985	4.894	ug/l		98
64) Tetrachloroethene	9.274	164	7642	5.185	ug/l		93
65) Chlorobenzene	10.079	112	24792	5.050	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.158	131	7421	4.661	ug/l		96
67) Ethyl Benzene	10.195	91	40927	4.920	ug/l		95
68) m/p-Xylenes	10.305	106	29635	9.553	ug/l		99
69) o-Xylene	10.640	106	14856	4.905	ug/l		98
70) Styrene	10.658	104	22907	4.573	ug/l		97
71) Bromoform	10.799	173	4476	5.004	ug/l	#	99
73) Isopropylbenzene	10.957	105	37958	5.109	ug/l		99
74) N-amyl acetate	10.841	43	15928	4.627	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.213	83	13107	5.152	ug/l		100
76) 1,2,3-Trichloropropane	11.237	75	12040m	5.776	ug/l		
77) Bromobenzene	11.195	156	9259	5.224	ug/l		97
78) n-propylbenzene	11.305	91	39774	4.793	ug/l		98
79) 2-Chlorotoluene	11.366	91	26740	5.096	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	30114	4.926	ug/l		97
81) trans-1,4-Dichloro-2-b...	11.018	75	2880	3.707	ug/l	#	77
82) 4-Chlorotoluene	11.451	91	29049	4.903	ug/l		96
83) tert-Butylbenzene	11.713	119	29934	4.940	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	30674	5.040	ug/l		97
85) sec-Butylbenzene	11.890	105	37899	5.105	ug/l		96
86) p-Isopropyltoluene	12.006	119	29412	4.878	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	16008	4.959	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	15837	4.831	ug/l		89
89) n-Butylbenzene	12.335	91	24938	4.691	ug/l		99
90) Hexachloroethane	12.536	117	4279	4.173	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	16747	5.140	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2454	4.814	ug/l		85
93) 1,2,4-Trichlorobenzene	13.591	180	8746	4.553	ug/l		98
94) Hexachlorobutadiene	13.725	225	3713	4.891	ug/l		97
95) Naphthalene	13.774	128	32485	4.698	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	9280	4.773	ug/l		96

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043926.D
Acq On : 21 Nov 2024 10:14
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 03:28:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:25:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

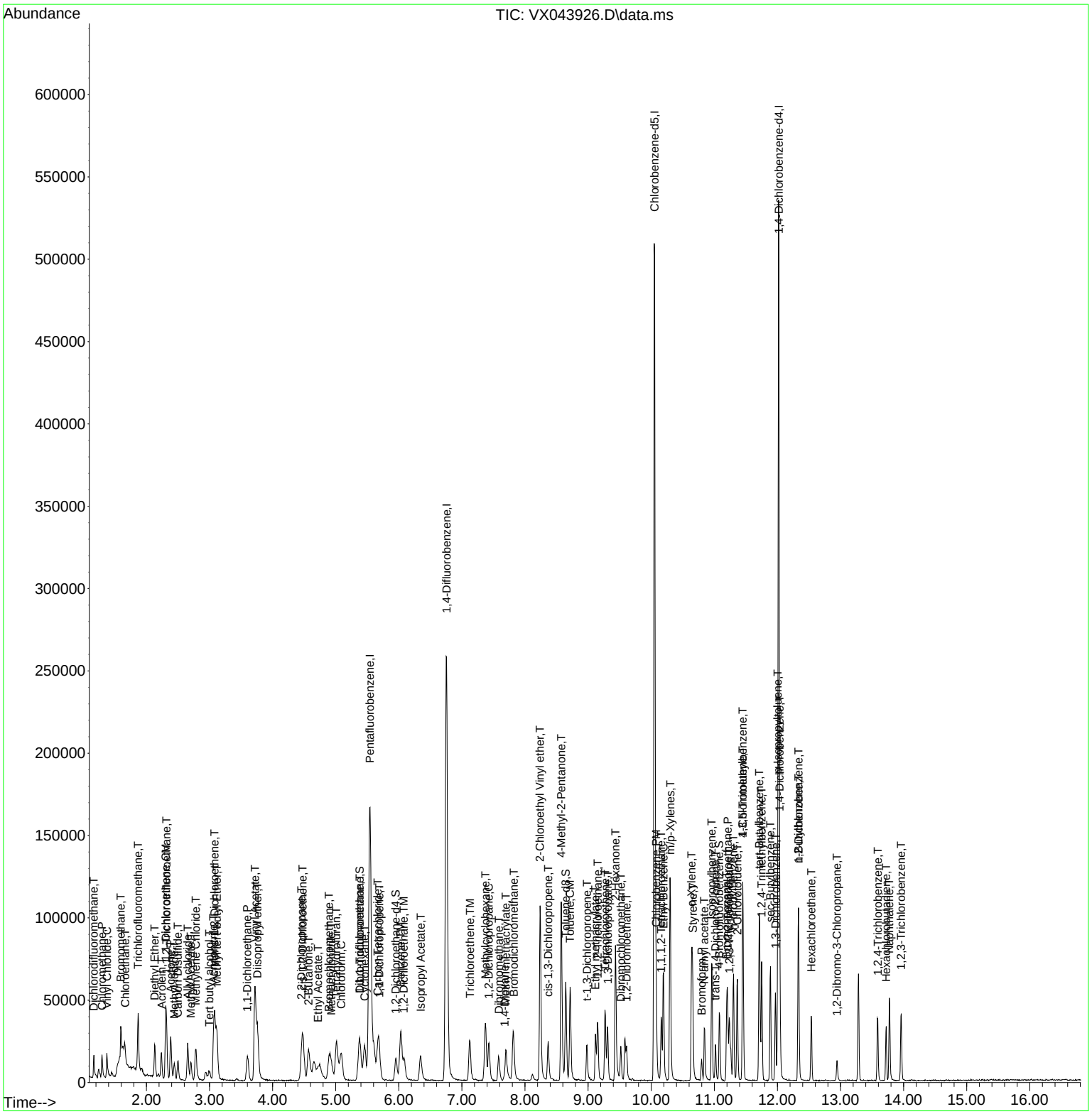
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043926.D
Acq On : 21 Nov 2024 10:14
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 22 03:28:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:25:42 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043927.D
Acq On : 21 Nov 2024 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 11:27:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 11:25:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	137617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	247844	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	48239	22.821	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	45.640%#		
35) Dibromofluoromethane	5.385	113	35015	21.040	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	42.080%#		
50) Toluene-d8	8.647	98	122646	22.060	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	44.120%#		
62) 4-Bromofluorobenzene	11.079	95	41087	22.365	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	44.720%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	35268	25.327	ug/l	98
3) Chloromethane	1.295	50	39622	22.767	ug/l	93
4) Vinyl Chloride	1.374	62	40173	22.975	ug/l	95
5) Bromomethane	1.593	94	24112	30.357	ug/l	98
6) Chloroethane	1.666	64	22213	26.595	ug/l	97
7) Trichlorofluoromethane	1.868	101	73464	29.469	ug/l	99
8) Diethyl Ether	2.136	74	25875	27.531	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	33284	22.561	ug/l	96
10) Methyl Iodide	2.441	142	43047	20.733	ug/l	94
11) Tert butyl alcohol	3.002	59	36554	108.748	ug/l	100
12) 1,1-Dichloroethene	2.307	96	32180	22.474	ug/l	96
13) Acrolein	2.240	56	35249	93.505	ug/l	99
14) Allyl chloride	2.660	41	53053	22.853	ug/l #	88
15) Acrylonitrile	3.069	53	94417	109.118	ug/l	99
16) Acetone	2.386	43	110373	130.004	ug/l	89
17) Carbon Disulfide	2.502	76	59349	18.983	ug/l	98
18) Methyl Acetate	2.709	43	50136	21.564	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	121776	23.009	ug/l	100
20) Methylene Chloride	2.788	84	37633	21.177	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	33545	21.489	ug/l	100
22) Diisopropyl ether	3.764	45	119475	23.557	ug/l	91
23) Vinyl Acetate	3.721	43	504408	122.699	ug/l	98
24) 1,1-Dichloroethane	3.599	63	67233	22.540	ug/l	99
25) 2-Butanone	4.568	43	148152	124.741	ug/l	97
26) 2,2-Dichloropropane	4.471	77	58444	23.843	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	41866	21.551	ug/l	94
28) Bromochloromethane	4.891	49	26507	21.119	ug/l	90
29) Tetrahydrofuran	5.013	42	87736	114.321	ug/l	98
30) Chloroform	5.087	83	72049	23.172	ug/l	97
31) Cyclohexane	5.458	56	53731	22.225	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	62394	23.474	ug/l	98
36) 1,1-Dichloropropene	5.684	75	44465	21.438	ug/l	99
37) Ethyl Acetate	4.715	43	54426	23.316	ug/l	97
38) Carbon Tetrachloride	5.672	117	48701	22.179	ug/l	99
39) Methylcyclohexane	7.379	83	55958	21.551	ug/l	99
40) Benzene	6.025	78	144401	22.144	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043927.D
Acq On : 21 Nov 2024 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 11:27:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 11:25:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.922	41	28938	23.789 ug/l		95
42) 1,2-Dichloroethane	6.086	62	57981	24.487 ug/l		98
43) Isopropyl Acetate	6.349	43	88577	24.054 ug/l		94
44) Trichloroethene	7.117	130	36440	20.270 ug/l		95
45) 1,2-Dichloropropane	7.428	63	35791	22.394 ug/l		97
46) Dibromomethane	7.580	93	27799	23.082 ug/l		96
47) Bromodichloromethane	7.818	83	49665	23.471 ug/l	#	94
48) Methyl methacrylate	7.690	41	41962	22.991 ug/l	#	87
49) 1,4-Dioxane	7.665	88	12071	310.503 ug/l	#	62
51) 4-Methyl-2-Pentanone	8.574	43	278479	121.285 ug/l		95
52) Toluene	8.714	92	87569	23.277 ug/l		99
53) t-1,3-Dichloropropene	8.976	75	50294	23.425 ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	56407	23.184 ug/l	#	91
55) 1,1,2-Trichloroethane	9.153	97	37148	25.308 ug/l		96
56) Ethyl methacrylate	9.116	69	56585	24.347 ug/l	#	88
57) 1,3-Dichloropropane	9.305	76	61420	24.976 ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	136842	112.277 ug/l		96
59) 2-Hexanone	9.433	43	213629	131.869 ug/l		93
60) Dibromochloromethane	9.519	129	34133	23.864 ug/l		100
61) 1,2-Dibromoethane	9.610	107	36985	24.156 ug/l		99
64) Tetrachloroethene	9.269	164	29274	20.948 ug/l		98
65) Chlorobenzene	10.080	112	96469	21.197 ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	32353	21.360 ug/l		98
67) Ethyl Benzene	10.189	91	166435	21.731 ug/l		98
68) m/p-Xylenes	10.299	106	122658	42.997 ug/l		95
69) o-Xylene	10.640	106	60254	21.648 ug/l		94
70) Styrene	10.653	104	102329	22.308 ug/l		97
71) Bromoform	10.799	173	19329	19.555 ug/l	#	97
73) Isopropylbenzene	10.964	105	157405	22.393 ug/l		99
74) N-amyl acetate	10.842	43	73525	23.459 ug/l		93
75) 1,1,2,2-Tetrachloroethane	11.213	83	54158	22.787 ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	45423m	22.601 ug/l		
77) Bromobenzene	11.195	156	37631	21.843 ug/l		97
78) n-propylbenzene	11.305	91	176034	22.696 ug/l		98
79) 2-Chlorotoluene	11.360	91	112986	22.894 ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	132041	22.662 ug/l		97
81) trans-1,4-Dichloro-2-b...	11.018	75	14743	20.654 ug/l		88
82) 4-Chlorotoluene	11.451	91	125521	22.085 ug/l		99
83) tert-Butylbenzene	11.713	119	128636	21.582 ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	132595	22.408 ug/l		99
85) sec-Butylbenzene	11.890	105	156312	21.962 ug/l		98
86) p-Isopropyltoluene	12.006	119	130605	21.854 ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	67003	20.986 ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	67195	20.527 ug/l		98
89) n-Butylbenzene	12.329	91	110491	21.698 ug/l		98
90) Hexachloroethane	12.536	117	19547	19.432 ug/l		95
91) 1,2-Dichlorobenzene	12.335	146	67852	20.298 ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9939	20.259 ug/l		93
93) 1,2,4-Trichlorobenzene	13.591	180	38866	19.894 ug/l		100
94) Hexachlorobutadiene	13.725	225	14818	18.508 ug/l		91
95) Naphthalene	13.774	128	145678	19.999 ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	41554	20.415 ug/l		97

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043927.D
Acq On : 21 Nov 2024 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 11:27:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 11:25:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

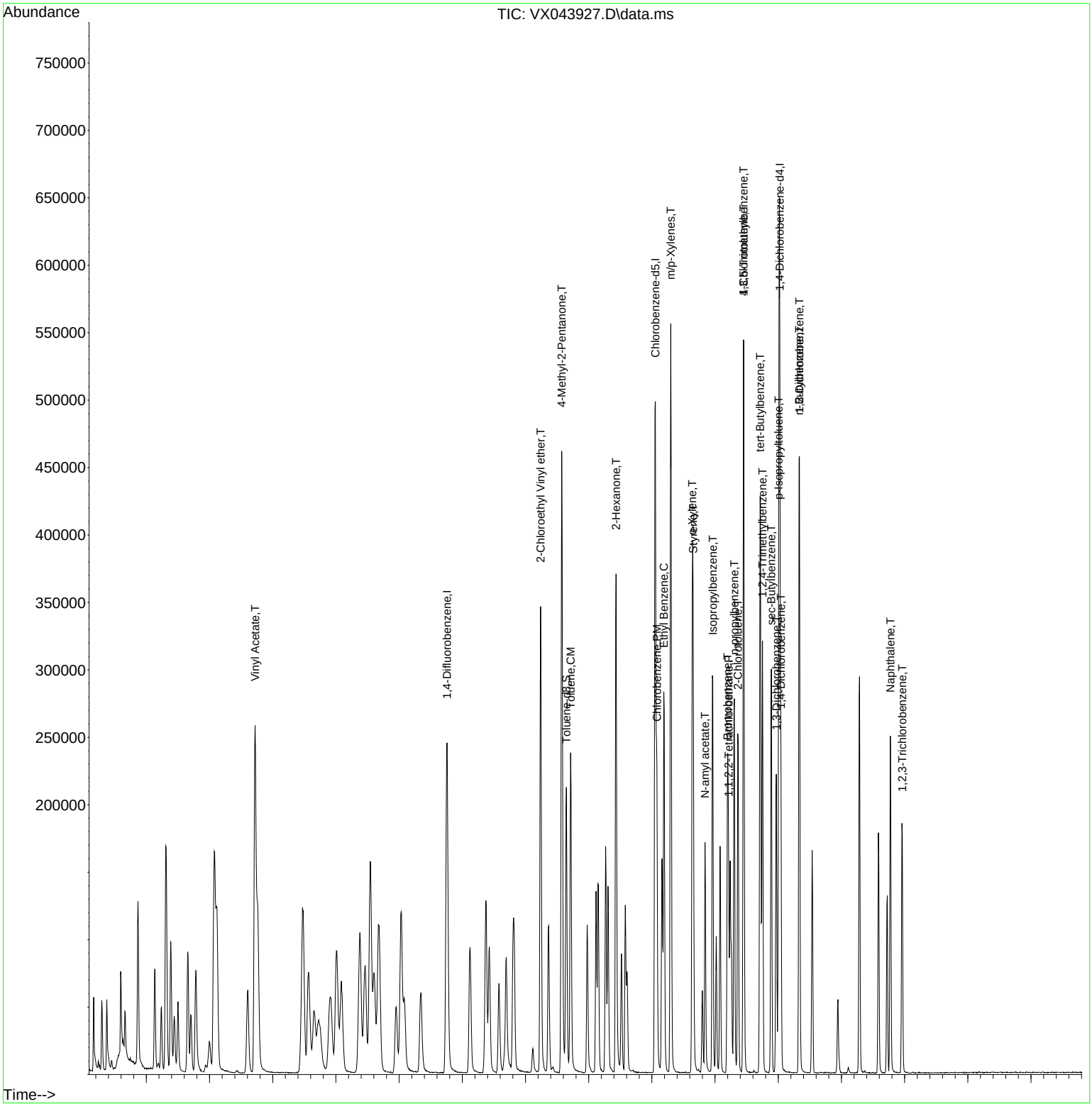
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043927.D
Acq On : 21 Nov 2024 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 21 11:27:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 11:25:29 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043928.D
Acq On : 21 Nov 2024 11:17
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 12:14:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 11:25:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	138578	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	241629	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	212243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	104086	48.899	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.800%			
35) Dibromofluoromethane	5.379	113	78954	48.663	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.320%			
50) Toluene-d8	8.641	98	266650	49.194	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.380%			
62) 4-Bromofluorobenzene	11.079	95	93510	52.209	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.420%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	94790	67.600	ug/l	98
3) Chloromethane	1.295	50	96646	55.148	ug/l	100
4) Vinyl Chloride	1.374	62	105586	59.966	ug/l	100
5) Bromomethane	1.593	94	61728	77.177	ug/l	97
6) Chloroethane	1.660	64	63580	75.594	ug/l	98
7) Trichlorofluoromethane	1.868	101	188045	74.909	ug/l	100
8) Diethyl Ether	2.130	74	65665	69.383	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.313	101	91167	61.367	ug/l	97
10) Methyl Iodide	2.441	142	112083	53.608	ug/l	95
11) Tert butyl alcohol	2.995	59	100130	295.821	ug/l	99
12) 1,1-Dichloroethene	2.307	96	83087	57.625	ug/l	92
13) Acrolein	2.233	56	100647	265.136	ug/l	97
14) Allyl chloride	2.654	41	144663	61.883	ug/l	91
15) Acrylonitrile	3.063	53	256493	294.373	ug/l	98
16) Acetone	2.380	43	294611	344.605	ug/l	93
17) Carbon Disulfide	2.502	76	178294	56.633	ug/l	99
18) Methyl Acetate	2.703	43	136735	58.404	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	313754	58.872	ug/l	98
20) Methylene Chloride	2.782	84	92475	51.676	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	87752	55.825	ug/l	95
22) Diisopropyl ether	3.758	45	299631	58.668	ug/l	94
23) Vinyl Acetate	3.715	43	1344870	324.875	ug/l	97
24) 1,1-Dichloroethane	3.599	63	174008	57.932	ug/l	99
25) 2-Butanone	4.556	43	392575	328.247	ug/l	97
26) 2,2-Dichloropropane	4.465	77	158151	64.072	ug/l	96
27) cis-1,2-Dichloroethene	4.477	96	109742	56.100	ug/l	94
28) Bromochloromethane	4.885	49	62386	49.360	ug/l	88
29) Tetrahydrofuran	5.001	42	234208	303.060	ug/l	97
30) Chloroform	5.080	83	182404	58.257	ug/l	94
31) Cyclohexane	5.458	56	144224	59.242	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	164023	61.280	ug/l	98
36) 1,1-Dichloropropene	5.678	75	119269	58.983	ug/l	99
37) Ethyl Acetate	4.709	43	147393	64.767	ug/l	98
38) Carbon Tetrachloride	5.666	117	134725	62.932	ug/l	97
39) Methylcyclohexane	7.373	83	158586	62.647	ug/l	95
40) Benzene	6.025	78	360978	56.780	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043928.D
Acq On : 21 Nov 2024 11:17
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 21 12:14:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 11:25:29 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	79507	67.041	ug/l		96
42) 1,2-Dichloroethane	6.074	62	145681	63.109	ug/l		97
43) Isopropyl Acetate	6.336	43	235856	65.697	ug/l		94
44) Trichloroethene	7.117	130	90015	51.360	ug/l		91
45) 1,2-Dichloropropane	7.422	63	89529	57.459	ug/l		98
46) Dibromomethane	7.574	93	70679	60.196	ug/l		96
47) Bromodichloromethane	7.818	83	131365	63.678	ug/l		97
48) Methyl methacrylate	7.690	41	112803	63.393	ug/l	#	88
49) 1,4-Dioxane	7.659	88	33402	881.301	ug/l	#	73
51) 4-Methyl-2-Pentanone	8.574	43	732582	327.265	ug/l		95
52) Toluene	8.714	92	222500	60.664	ug/l		97
53) t-1,3-Dichloropropene	8.976	75	137451	65.667	ug/l		98
54) cis-1,3-Dichloropropene	8.360	75	147638	62.243	ug/l		92
55) 1,1,2-Trichloroethane	9.147	97	89441	62.501	ug/l		97
56) Ethyl methacrylate	9.116	69	148281	65.443	ug/l	#	88
57) 1,3-Dichloropropane	9.305	76	151124	63.034	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	371281	312.467	ug/l		98
59) 2-Hexanone	9.427	43	568460	359.925	ug/l		93
60) Dibromochloromethane	9.519	129	95641	68.588	ug/l		99
61) 1,2-Dibromoethane	9.604	107	92940	62.263	ug/l		99
64) Tetrachloroethene	9.269	164	74157	54.472	ug/l		99
65) Chlorobenzene	10.080	112	243080	54.828	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	83934	56.885	ug/l		98
67) Ethyl Benzene	10.189	91	429559	57.573	ug/l		97
68) m/p-Xylenes	10.299	106	323661	116.466	ug/l		96
69) o-Xylene	10.640	106	160643	59.245	ug/l		99
70) Styrene	10.653	104	268004	59.974	ug/l		98
71) Bromoform	10.799	173	60267	62.587	ug/l	#	98
73) Isopropylbenzene	10.957	105	411000	57.397	ug/l		99
74) N-amyl acetate	10.842	43	200195	62.704	ug/l		94
75) 1,1,2,2-Tetrachloroethane	11.214	83	139756	57.726	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	118450m	57.858	ug/l		
77) Bromobenzene	11.195	156	97761	55.706	ug/l		97
78) n-propylbenzene	11.299	91	474802	60.094	ug/l		100
79) 2-Chlorotoluene	11.360	91	286649	57.018	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	345531	58.215	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	44450	61.129	ug/l		96
82) 4-Chlorotoluene	11.451	91	333946	57.679	ug/l		100
83) tert-Butylbenzene	11.713	119	345112	56.841	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	345112	57.254	ug/l		99
85) sec-Butylbenzene	11.890	105	426284	58.794	ug/l		99
86) p-Isopropyltoluene	12.006	119	353256	58.026	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	176936	54.401	ug/l		99
88) 1,4-Dichlorobenzene	12.037	146	178728	53.598	ug/l		98
89) n-Butylbenzene	12.329	91	319448	61.581	ug/l		99
90) Hexachloroethane	12.536	117	59010	57.586	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	177334	52.077	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	28467	56.961	ug/l		94
93) 1,2,4-Trichlorobenzene	13.585	180	108749	54.645	ug/l		98
94) Hexachlorobutadiene	13.725	225	41267	50.599	ug/l		95
95) Naphthalene	13.774	128	401752	54.142	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	112162	54.094	ug/l		96

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043928.D
Acq On : 21 Nov 2024 11:17
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 12:14:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 11:25:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

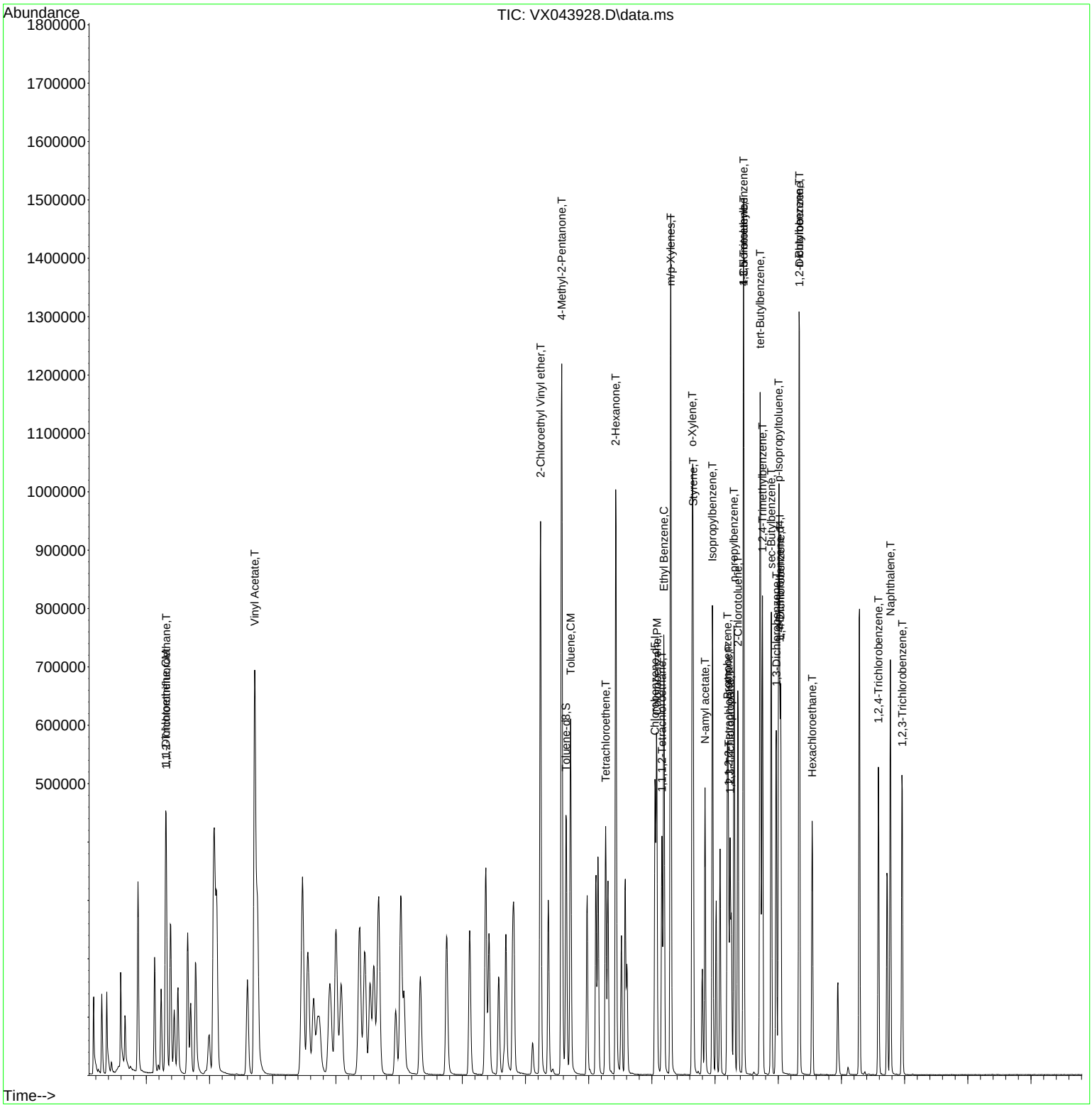
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043928.D
Acq On : 21 Nov 2024 11:17
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 21 12:14:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 11:25:29 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043929.D
Acq On : 21 Nov 2024 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 12:15:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 11:25:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	138314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	246419	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	236531	111.333	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 222.660%#			
35) Dibromofluoromethane	5.379	113	176869	106.893	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 213.780%#			
50) Toluene-d8	8.647	98	607337	109.870	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 219.740%#			
62) 4-Bromofluorobenzene	11.079	95	215953	118.228	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 236.460%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	166145	118.713	ug/l	97
3) Chloromethane	1.295	50	183899	105.136	ug/l	100
4) Vinyl Chloride	1.374	62	192221	109.377	ug/l	98
5) Bromomethane	1.593	94	118792	148.807	ug/l	99
6) Chloroethane	1.660	64	101816	121.286	ug/l	98
7) Trichlorofluoromethane	1.868	101	354375	141.438	ug/l	100
8) Diethyl Ether	2.136	74	125840	133.219	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	162988	109.922	ug/l	96
10) Methyl Iodide	2.441	142	213858	102.481	ug/l	96
11) Tert butyl alcohol	3.002	59	184757	546.882	ug/l	100
12) 1,1-Dichloroethene	2.307	96	158111	109.868	ug/l	89
13) Acrolein	2.240	56	200929	530.320	ug/l	99
14) Allyl chloride	2.654	41	276068	118.320	ug/l	90
15) Acrylonitrile	3.069	53	458624	527.361	ug/l	97
16) Acetone	2.386	43	511112	598.985	ug/l	92
17) Carbon Disulfide	2.502	76	367958	117.100	ug/l	99
18) Methyl Acetate	2.703	43	247225	105.800	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	597600	112.347	ug/l	99
20) Methylene Chloride	2.782	84	178008	99.663	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	165989	105.798	ug/l	98
22) Diisopropyl ether	3.764	45	572855	112.380	ug/l	97
23) Vinyl Acetate	3.721	43	2570419	622.111	ug/l	97
24) 1,1-Dichloroethane	3.605	63	327756	109.327	ug/l	99
25) 2-Butanone	4.562	43	690992	578.867	ug/l	98
26) 2,2-Dichloropropane	4.471	77	299254	121.468	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	206207	105.613	ug/l	94
28) Bromochloromethane	4.898	49	138227	109.575	ug/l	91
29) Tetrahydrofuran	5.007	42	419337	543.649	ug/l	97
30) Chloroform	5.087	83	350923	112.294	ug/l	97
31) Cyclohexane	5.458	56	256114	105.404	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	309469	115.841	ug/l	98
36) 1,1-Dichloropropene	5.684	75	222573	107.931	ug/l	99
37) Ethyl Acetate	4.715	43	265631	114.453	ug/l	97
38) Carbon Tetrachloride	5.672	117	256290	117.390	ug/l	97
39) Methylcyclohexane	7.373	83	283075	109.652	ug/l	98
40) Benzene	6.032	78	684139	105.520	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043929.D
Acq On : 21 Nov 2024 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 21 12:15:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 11:25:29 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.922	41	143256	118.447 ug/l	94
42) 1,2-Dichloroethane	6.080	62	271641	115.387 ug/l	98
43) Isopropyl Acetate	6.342	43	440615	120.346 ug/l	94
44) Trichloroethene	7.123	130	169796	94.997 ug/l	98
45) 1,2-Dichloropropane	7.428	63	170741	107.450 ug/l	99
46) Dibromomethane	7.574	93	135928	113.518 ug/l	96
47) Bromodichloromethane	7.818	83	260442	123.792 ug/l	97
48) Methyl methacrylate	7.690	41	210614	116.061 ug/l	88
49) 1,4-Dioxane	7.665	88	62845	1625.913 ug/l #	72
51) 4-Methyl-2-Pentanone	8.574	43	1329064	582.189 ug/l	95
52) Toluene	8.714	92	418999	112.018 ug/l	99
53) t-1,3-Dichloropropene	8.976	75	270418	126.680 ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	285627	118.077 ug/l #	89
55) 1,1,2-Trichloroethane	9.147	97	167357	114.675 ug/l	97
56) Ethyl methacrylate	9.116	69	286893	124.157 ug/l #	90
57) 1,3-Dichloropropane	9.305	76	285511	116.773 ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	698756	576.637 ug/l	98
59) 2-Hexanone	9.433	43	1011261	627.842 ug/l	95
60) Dibromochloromethane	9.519	129	187476	131.832 ug/l	99
61) 1,2-Dibromoethane	9.610	107	176345	115.841 ug/l	99
64) Tetrachloroethene	9.269	164	135740	98.157 ug/l	97
65) Chlorobenzene	10.080	112	461076	102.382 ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	164586	109.812 ug/l	97
67) Ethyl Benzene	10.189	91	812289	107.178 ug/l	98
68) m/p-Xylenes	10.299	106	603451	213.769 ug/l	96
69) o-Xylene	10.640	106	298739	108.462 ug/l	98
70) Styrene	10.653	104	511251	112.628 ug/l	98
71) Bromoform	10.799	173	123114	125.866 ug/l #	98
73) Isopropylbenzene	10.957	105	765623	103.086 ug/l	99
74) N-amyl acetate	10.842	43	394438	119.112 ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	262302	104.456 ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	219028m	103.148 ug/l	
77) Bromobenzene	11.195	156	183742	100.944 ug/l	98
78) n-propylbenzene	11.305	91	891893	108.835 ug/l	99
79) 2-Chlorotoluene	11.360	91	537190	103.022 ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	648916	105.408 ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	88041	116.733 ug/l	97
82) 4-Chlorotoluene	11.451	91	629590	104.841 ug/l	100
83) tert-Butylbenzene	11.713	119	655918	104.157 ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	650156	103.992 ug/l	100
85) sec-Butylbenzene	11.890	105	793233	105.481 ug/l	100
86) p-Isopropyltoluene	12.006	119	669819	106.078 ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	337665	100.095 ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	343312	99.262 ug/l	99
89) n-Butylbenzene	12.329	91	605284	112.498 ug/l	99
90) Hexachloroethane	12.536	117	120913	113.763 ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	341767	96.765 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	57287	110.517 ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	210571	102.015 ug/l	98
94) Hexachlorobutadiene	13.725	225	79822	94.363 ug/l	95
95) Naphthalene	13.774	128	776740	100.923 ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	211814	98.491 ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043929.D
Acq On : 21 Nov 2024 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 12:15:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 11:25:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

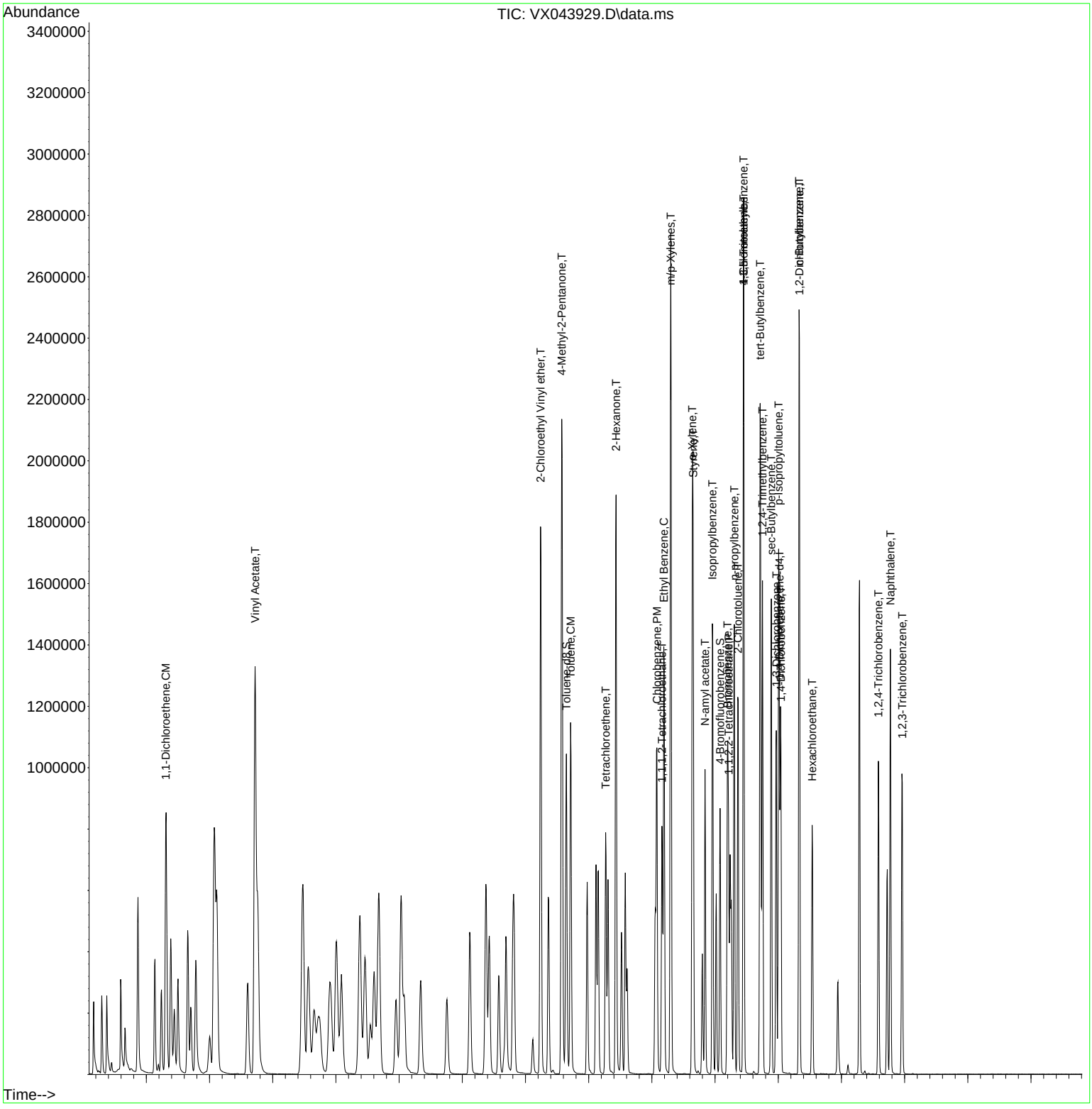
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043929.D
Acq On : 21 Nov 2024 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 21 12:15:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 11:25:29 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043930.D
Acq On : 21 Nov 2024 12:03
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 21 12:32:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 12:18:48 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	132286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	237642	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96376	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	349080	171.797	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 343.600%#			
35) Dibromofluoromethane	5.385	113	268135	168.036	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 336.080%#			
50) Toluene-d8	8.647	98	896413	168.154	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 336.300%#			
62) 4-Bromofluorobenzene	11.079	95	324612	184.279	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 368.560%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	241389	180.335	ug/l	97
3) Chloromethane	1.294	50	268770	160.659	ug/l	100
4) Vinyl Chloride	1.374	62	271568	161.568	ug/l	99
5) Bromomethane	1.593	94	175581	229.967	ug/l	98
6) Chloroethane	1.660	64	140375	174.839	ug/l	98
7) Trichlorofluoromethane	1.861	101	527057	219.944	ug/l	100
8) Diethyl Ether	2.136	74	185146	204.934	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.312	101	237653	167.580	ug/l	97
10) Methyl Iodide	2.440	142	299792	150.207	ug/l	96
11) Tert butyl alcohol	3.014	59	306168	947.555	ug/l	99
12) 1,1-Dichloroethene	2.306	96	228504	166.017	ug/l	91
13) Acrolein	2.239	56	294638	813.086	ug/l	100
14) Allyl chloride	2.654	41	394228	176.662	ug/l	91
15) Acrylonitrile	3.068	53	684169	822.558	ug/l	98
16) Acetone	2.392	43	734161	899.588	ug/l	92
17) Carbon Disulfide	2.501	76	554853	184.625	ug/l	100
18) Methyl Acetate	2.703	43	361338	161.681	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	869848	170.980	ug/l	98
20) Methylene Chloride	2.782	84	260099	152.260	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	245485	163.596	ug/l	95
22) Diisopropyl ether	3.763	45	835960	171.467	ug/l	96
23) Vinyl Acetate	3.721	43	3797951	961.094	ug/l	97
24) 1,1-Dichloroethane	3.599	63	479590	167.262	ug/l	99
25) 2-Butanone	4.568	43	1012692	887.025	ug/l	97
26) 2,2-Dichloropropane	4.465	77	440061	186.761	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	304342	162.978	ug/l	94
28) Bromochloromethane	4.891	49	207753	172.194	ug/l	91
29) Tetrahydrofuran	5.007	42	617277	836.734	ug/l	98
30) Chloroform	5.092	83	513285	171.734	ug/l	98
31) Cyclohexane	5.458	56	367157	157.989	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	455922	178.438	ug/l	98
36) 1,1-Dichloropropene	5.684	75	331239	166.559	ug/l	98
37) Ethyl Acetate	4.721	43	393670	175.887	ug/l	97
38) Carbon Tetrachloride	5.672	117	376287	178.719	ug/l	98
39) Methylcyclohexane	7.372	83	410333	164.816	ug/l	96
40) Benzene	6.031	78	999210	159.808	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043930.D
Acq On : 21 Nov 2024 12:03
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 21 12:32:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 12:18:48 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.922	41	206026	176.637 ug/l		95
42) 1,2-Dichloroethane	6.080	62	397508	175.089 ug/l		98
43) Isopropyl Acetate	6.342	43	661839	187.445 ug/l		94
44) Trichloroethene	7.123	130	251071	145.657 ug/l		97
45) 1,2-Dichloropropane	7.427	63	249394	162.744 ug/l		100
46) Dibromomethane	7.580	93	202329	175.212 ug/l		95
47) Bromodichloromethane	7.818	83	388259	191.362 ug/l		97
48) Methyl methacrylate	7.690	41	315872	180.493 ug/l		88
49) 1,4-Dioxane	7.665	88	106634	2860.706 ug/l	#	76
51) 4-Methyl-2-Pentanone	8.580	43	1954925	887.971 ug/l		96
52) Toluene	8.714	92	607179	168.323 ug/l		97
53) t-1,3-Dichloropropene	8.976	75	406346	197.387 ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	428549	183.704 ug/l		93
55) 1,1,2-Trichloroethane	9.153	97	245706	174.579 ug/l		99
56) Ethyl methacrylate	9.116	69	420409	188.658 ug/l	#	88
57) 1,3-Dichloropropane	9.305	76	416811	176.770 ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	1023576	875.887 ug/l		98
59) 2-Hexanone	9.433	43	1493755	961.650 ug/l		94
60) Dibromochloromethane	9.518	129	286188	208.679 ug/l		100
61) 1,2-Dibromoethane	9.610	107	261369	178.035 ug/l		100
64) Tetrachloroethene	9.268	164	202262	155.122 ug/l		98
65) Chlorobenzene	10.079	112	675513	159.085 ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	241604	170.964 ug/l		97
67) Ethyl Benzene	10.195	91	1181693	165.365 ug/l		100
68) m/p-Xylenes	10.299	106	884067	332.148 ug/l		97
69) o-Xylene	10.640	106	436919	168.240 ug/l		98
70) Styrene	10.652	104	742061	173.379 ug/l		97
71) Bromoform	10.799	173	186691	161.632 ug/l	#	100
73) Isopropylbenzene	10.963	105	1135309	165.031 ug/l		99
74) N-amyl acetate	10.841	43	586560	159.995 ug/l		94
75) 1,1,2,2-Tetrachloroethane	11.213	83	379947	163.351 ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	313344m	159.312 ug/l		
77) Bromobenzene	11.195	156	270671	160.539 ug/l		98
78) n-propylbenzene	11.305	91	1296979	170.866 ug/l		99
79) 2-Chlorotoluene	11.366	91	788163	163.185 ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	936129	164.167 ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	136104	161.734 ug/l		99
82) 4-Chlorotoluene	11.451	91	919566	165.319 ug/l		100
83) tert-Butylbenzene	11.713	119	945058	162.017 ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	933275	161.161 ug/l		100
85) sec-Butylbenzene	11.890	105	1148877	164.934 ug/l		100
86) p-Isopropyltoluene	12.006	119	972007	166.189 ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	490336	156.923 ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	494318	154.301 ug/l		99
89) n-Butylbenzene	12.329	91	903805	181.353 ug/l		99
90) Hexachloroethane	12.536	117	180575	151.823 ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	503214	153.818 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	87963	146.019 ug/l		93
93) 1,2,4-Trichlorobenzene	13.585	180	325289	170.137 ug/l		99
94) Hexachlorobutadiene	13.725	225	121126	154.589 ug/l		97
95) Naphthalene	13.774	128	1173154	164.565 ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	326693	164.001 ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043930.D
Acq On : 21 Nov 2024 12:03
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 12:32:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 12:18:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

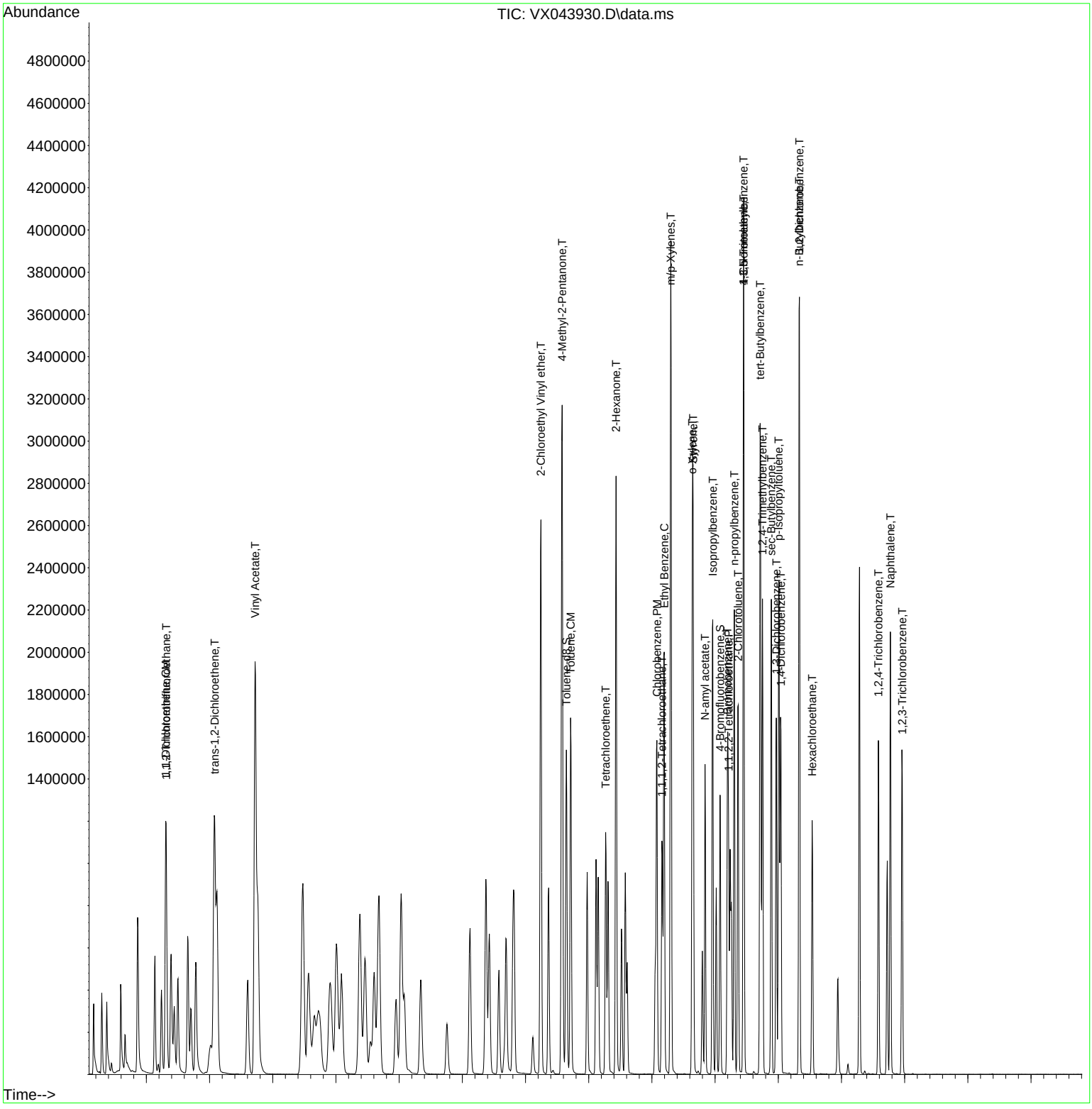
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043930.D
Acq On : 21 Nov 2024 12:03
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 21 12:32:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 12:18:48 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043932.D
Acq On : 21 Nov 2024 13:57
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 03:54:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	131073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	229009	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	198776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	96489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	112818	50.183	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.360%			
35) Dibromofluoromethane	5.379	113	85815	52.442	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.880%			
50) Toluene-d8	8.647	98	289000	51.234	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.460%			
62) 4-Bromofluorobenzene	11.079	95	103640	53.987	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.980%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	83916	50.537	ug/l	99
3) Chloromethane	1.295	50	85795	49.100	ug/l	98
4) Vinyl Chloride	1.374	62	93147	50.118	ug/l	97
5) Bromomethane	1.593	94	53783	47.040	ug/l	100
6) Chloroethane	1.660	64	46342	40.921	ug/l	100
7) Trichlorofluoromethane	1.868	101	177461	53.407	ug/l	99
8) Diethyl Ether	2.130	74	57339	47.345	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	80458	50.762	ug/l	98
10) Methyl Iodide	2.441	142	96234	48.614	ug/l	100
11) Tert butyl alcohol	2.995	59	85927	238.127	ug/l	99
12) 1,1-Dichloroethene	2.307	96	72787	48.192	ug/l	99
13) Acrolein	2.233	56	89571	235.500	ug/l	98
14) Allyl chloride	2.654	41	127367	51.610	ug/l	99
15) Acrylonitrile	3.063	53	227832	259.090	ug/l	99
16) Acetone	2.386	43	257802	249.676	ug/l	99
17) Carbon Disulfide	2.496	76	153826	49.375	ug/l	100
18) Methyl Acetate	2.703	43	121774	50.643	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	275221	50.186	ug/l	98
20) Methylene Chloride	2.782	84	82274	46.954	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	76687	49.179	ug/l	97
22) Diisopropyl ether	3.758	45	264554	50.132	ug/l	96
23) Vinyl Acetate	3.715	43	1189244	263.441	ug/l	100
24) 1,1-Dichloroethane	3.599	63	153635	50.466	ug/l	98
25) 2-Butanone	4.556	43	348803	261.804	ug/l	98
26) 2,2-Dichloropropane	4.459	77	143910	52.343	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	95076	49.326	ug/l	99
28) Bromochloromethane	4.891	49	62874	46.920	ug/l	96
29) Tetrahydrofuran	5.001	42	207942	254.585	ug/l	100
30) Chloroform	5.080	83	163357	49.891	ug/l	98
31) Cyclohexane	5.458	56	128482	51.278	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	144908	51.320	ug/l	99
36) 1,1-Dichloropropene	5.678	75	108518	53.218	ug/l	97
37) Ethyl Acetate	4.709	43	133283	52.656	ug/l	97
38) Carbon Tetrachloride	5.660	117	118655	51.786	ug/l	99
39) Methylcyclohexane	7.373	83	141696	53.489	ug/l	93
40) Benzene	6.025	78	319222	50.257	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043932.D
Acq On : 21 Nov 2024 13:57
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 03:54:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.916	41	69766	53.851 ug/l	99
42) 1,2-Dichloroethane	6.074	62	128623	50.421 ug/l	100
43) Isopropyl Acetate	6.336	43	207332	51.469 ug/l	99
44) Trichloroethene	7.117	130	80113	44.554 ug/l	90
45) 1,2-Dichloropropane	7.422	63	74380	47.811 ug/l	98
46) Dibromomethane	7.574	93	62345	50.662 ug/l	99
47) Bromodichloromethane	7.818	83	116199	52.648 ug/l	99
48) Methyl methacrylate	7.690	41	101062	52.284 ug/l	99
49) 1,4-Dioxane	7.659	88	31178	905.506 ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	652721	265.520 ug/l	100
52) Toluene	8.714	92	195814	51.507 ug/l	98
53) t-1,3-Dichloropropene	8.976	75	119461	53.077 ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	128808	52.205 ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	78575	50.069 ug/l	97
56) Ethyl methacrylate	9.116	69	129841	53.118 ug/l	100
57) 1,3-Dichloropropane	9.305	76	134680	50.945 ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	315358	235.230 ug/l	99
59) 2-Hexanone	9.427	43	504444	273.011 ug/l	100
60) Dibromochloromethane	9.519	129	82754	52.557 ug/l	99
61) 1,2-Dibromoethane	9.604	107	83098	52.367 ug/l	100
64) Tetrachloroethene	9.269	164	66054	50.396 ug/l	97
65) Chlorobenzene	10.073	112	209963	48.094 ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	74354	52.515 ug/l	98
67) Ethyl Benzene	10.189	91	377215	50.991 ug/l	97
68) m/p-Xylenes	10.299	106	282971	102.572 ug/l	99
69) o-Xylene	10.640	106	138437	51.396 ug/l	98
70) Styrene	10.653	104	230449	51.728 ug/l	99
71) Bromoform	10.799	173	50837	47.449 ug/l #	98
73) Isopropylbenzene	10.957	105	365084	49.222 ug/l	99
74) N-amyl acetate	10.842	43	176627	51.406 ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	125346	49.356 ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	105742m	49.973 ug/l	
77) Bromobenzene	11.195	156	85070	48.081 ug/l	99
78) n-propylbenzene	11.305	91	419586	50.652 ug/l	99
79) 2-Chlorotoluene	11.360	91	249079	47.551 ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	305922	50.134 ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	38583	49.756 ug/l	98
82) 4-Chlorotoluene	11.451	91	287717	48.652 ug/l	100
83) tert-Butylbenzene	11.713	119	303408	50.165 ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	306251	50.410 ug/l	100
85) sec-Butylbenzene	11.890	105	372793	50.307 ug/l	99
86) p-Isopropyltoluene	12.006	119	310060	51.511 ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	153164	47.529 ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	155422	47.306 ug/l	97
89) n-Butylbenzene	12.329	91	276075	52.020 ug/l	99
90) Hexachloroethane	12.536	117	51229	50.050 ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	154980	47.656 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	25968	51.030 ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	94896	49.495 ug/l	99
94) Hexachlorobutadiene	13.725	225	37937	50.065 ug/l	97
95) Naphthalene	13.774	128	357725	51.831 ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	99447	51.246 ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043932.D
Acq On : 21 Nov 2024 13:57
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 03:54:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

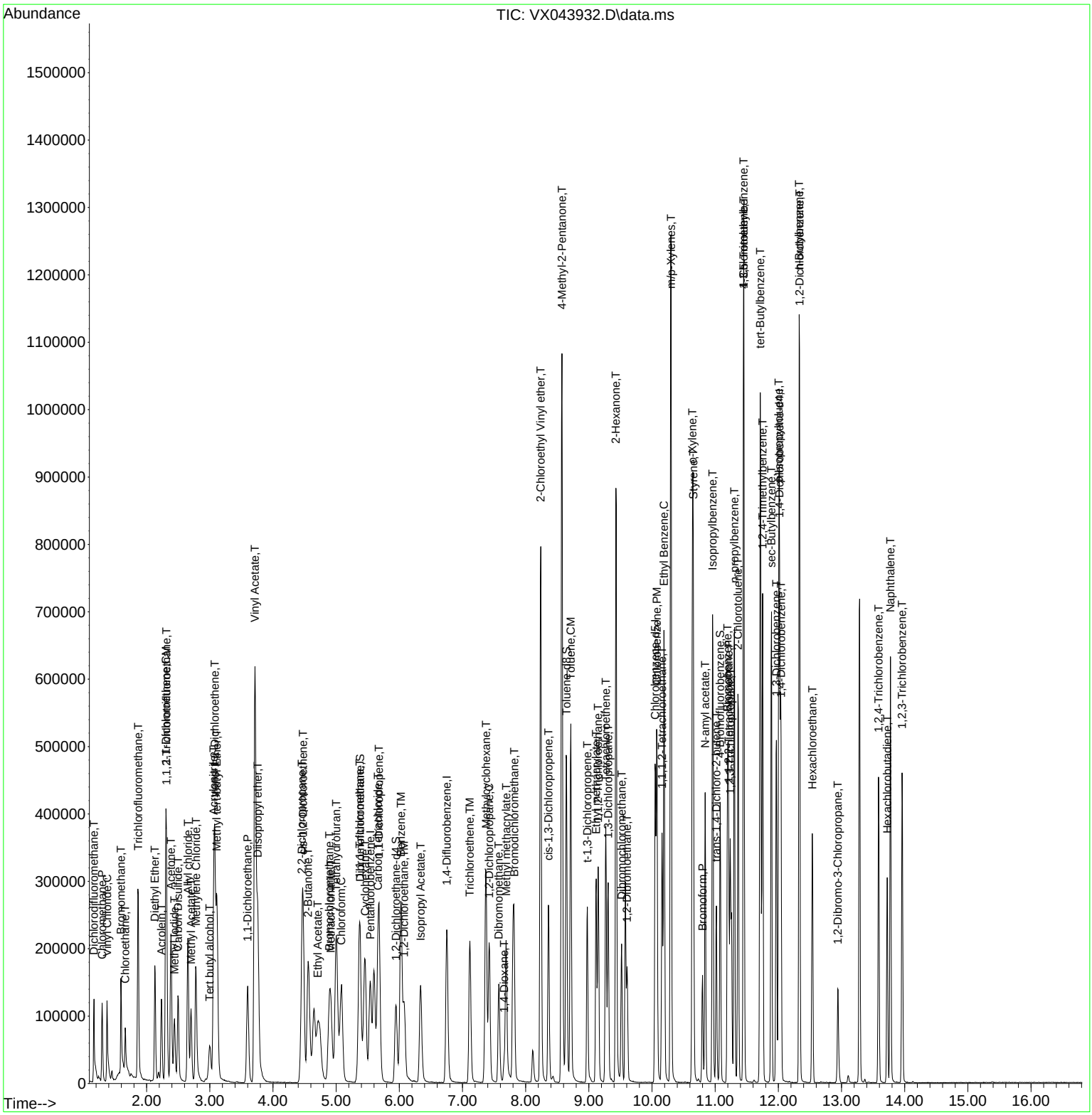
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043932.D
Acq On : 21 Nov 2024 13:57
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 22 03:54:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043932.D
Acq On : 21 Nov 2024 13:57
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Quant Time: Nov 22 03:54:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	95	0.00
2	T	Dichlorodifluoromethane	0.633	0.640	-1.1	89	0.00
3	P	Chloromethane	0.667	0.655	1.8	89	0.00
4	C	Vinyl Chloride	0.709	0.711	-0.3#	88	0.00
5	T	Bromomethane	0.436	0.410	6.0	87	0.00
6	T	Chloroethane	0.432	0.354	18.1	73	0.00
7	T	Trichlorofluoromethane	1.268	1.354	-6.8	94	0.00
8	T	Diethyl Ether	0.462	0.437	5.4	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.605	0.614	-1.5	88	0.00
10	T	Methyl Iodide	0.755	0.734	2.8	86	0.00
11	T	Tert butyl alcohol	0.138	0.131	5.1	86	0.00
12	CM	1,1-Dichloroethene	0.576	0.555	3.6#	88	0.00
13	T	Acrolein	0.145	0.137	5.5	89	0.00
14	T	Allyl chloride	0.941	0.972	-3.3	88	0.00
15	T	Acrylonitrile	0.335	0.348	-3.9	89	0.00
16	T	Acetone	0.394	0.393	0.3	88	0.00
17	T	Carbon Disulfide	1.188	1.174	1.2	86	0.00
18	T	Methyl Acetate	0.917	0.929	-1.3	89	0.00
19	T	Methyl tert-butyl Ether	2.092	2.100	-0.4	88	0.00
20	T	Methylene Chloride	0.668	0.628	6.0	89	0.00
21	T	trans-1,2-Dichloroethene	0.595	0.585	1.7	87	0.00
22	T	Diisopropyl ether	2.013	2.018	-0.2	88	0.00
23	T	Vinyl Acetate	1.722	1.815	-5.4	88	0.00
24	P	1,1-Dichloroethane	1.161	1.172	-0.9	88	0.00
25	T	2-Butanone	0.508	0.532	-4.7	89	0.00
26	T	2,2-Dichloropropane	1.049	1.098	-4.7	91	0.00
27	T	cis-1,2-Dichloroethene	0.735	0.725	1.4	87	0.00
28	T	Bromochloromethane	0.511	0.480	6.1	101	0.00
29	T	Tetrahydrofuran	0.312	0.317	-1.6	89	0.00
30	C	Chloroform	1.249	1.246	0.2#	90	0.00
31	T	Cyclohexane	0.956	0.980	-2.5	89	0.00
32	T	1,1,1-Trichloroethane	1.077	1.106	-2.7	88	0.00
33	S	1,2-Dichloroethane-d4	0.858	0.861	-0.3	108	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35	S	Dibromofluoromethane	0.357	0.375	-5.0	109	0.00
36	T	1,1-Dichloropropene	0.445	0.474	-6.5	91	0.00
37	T	Ethyl Acetate	0.553	0.582	-5.2	90	0.00
38	T	Carbon Tetrachloride	0.500	0.518	-3.6	88	0.00
39	T	Methylcyclohexane	0.578	0.619	-7.1	89	0.00
40	TM	Benzene	1.387	1.394	-0.5	88	0.00
41	T	Methacrylonitrile	0.283	0.305	-7.8	88	0.00
42	TM	1,2-Dichloroethane	0.557	0.562	-0.9	88	0.00
43	T	Isopropyl Acetate	0.880	0.905	-2.8	88	0.00
44	TM	Trichloroethene	0.393	0.350	10.9	89	0.00
45	C	1,2-Dichloropropane	0.340	0.325	4.4#	83	0.00
46	T	Dibromomethane	0.269	0.272	-1.1	88	0.00
47	T	Bromodichloromethane	0.482	0.507	-5.2	88	0.00
48	T	Methyl methacrylate	0.422	0.441	-4.5	90	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043932.D
Acq On : 21 Nov 2024 13:57
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Quant Time: Nov 22 03:54:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.008	0.007	12.5	79	0.00
50	S	Toluene-d8	1.232	1.262	-2.4	108	0.00
51	T	4-Methyl-2-Pentanone	0.537	0.570	-6.1	89	0.00
52	CM	Toluene	0.830	0.855	-3.0#	88	0.00
53	T	t-1,3-Dichloropropene	0.491	0.522	-6.3	87	0.00
54	T	cis-1,3-Dichloropropene	0.539	0.562	-4.3	87	0.00
55	T	1,1,2-Trichloroethane	0.343	0.343	0.0	88	0.00
56	T	Ethyl methacrylate	0.534	0.567	-6.2	88	0.00
57	T	1,3-Dichloropropane	0.577	0.588	-1.9	89	0.00
58	T	2-Chloroethyl Vinyl ether	0.273	0.275	-0.7	85	0.00
59	T	2-Hexanone	0.403	0.441	-9.4	89	0.00
60	T	Dibromochloromethane	0.344	0.361	-4.9	87	0.00
61	T	1,2-Dibromoethane	0.346	0.363	-4.9	89	0.00
62	S	4-Bromofluorobenzene	0.419	0.453	-8.1	111	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64	T	Tetrachloroethene	0.330	0.332	-0.6	89	0.00
65	PM	Chlorobenzene	1.098	1.056	3.8	86	0.00
66	T	1,1,1,2-Tetrachloroethane	0.356	0.374	-5.1	89	0.00
67	C	Ethyl Benzene	1.861	1.898	-2.0#	88	0.00
68	T	m/p-Xylenes	0.694	0.712	-2.6	87	0.00
69	T	o-Xylene	0.678	0.696	-2.7	86	0.00
70	T	Styrene	1.121	1.159	-3.4	86	0.00
71	P	Bromoform	0.240	0.256	-6.7	84	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73	T	Isopropylbenzene	3.843	3.784	1.5	89	0.00
74	T	N-amyl acetate	1.780	1.831	-2.9	88	0.00
75	P	1,1,2,2-Tetrachloroethane	1.316	1.299	1.3	90	0.00
76	T	1,2,3-Trichloropropane	1.096	1.096	0.0	89	0.00
77	T	Bromobenzene	0.917	0.882	3.8	87	0.00
78	T	n-propylbenzene	4.293	4.349	-1.3	88	0.00
79	T	2-Chlorotoluene	2.714	2.581	4.9	87	0.00
80	T	1,3,5-Trimethylbenzene	3.162	3.171	-0.3	89	0.00
81	T	trans-1,4-Dichloro-2-butene	0.402	0.400	0.5	87	0.00
82	T	4-Chlorotoluene	3.064	2.982	2.7	86	0.00
83	T	tert-Butylbenzene	3.134	3.144	-0.3	88	0.00
84	T	1,2,4-Trimethylbenzene	3.148	3.174	-0.8	89	0.00
85	T	sec-Butylbenzene	3.840	3.864	-0.6	87	0.00
86	T	p-Isopropyltoluene	3.119	3.213	-3.0	88	0.00
87	T	1,3-Dichlorobenzene	1.670	1.587	5.0	87	0.00
88	T	1,4-Dichlorobenzene	1.702	1.611	5.3	87	0.00
89	T	n-Butylbenzene	2.750	2.861	-4.0	86	0.00
90	T	Hexachloroethane	0.530	0.531	-0.2	87	0.00
91	T	1,2-Dichlorobenzene	1.685	1.606	4.7	87	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.264	0.269	-1.9	91	0.00
93	T	1,2,4-Trichlorobenzene	0.994	0.983	1.1	87	0.00
94	T	Hexachlorobutadiene	0.393	0.393	0.0	92	0.00
95	T	Naphthalene	3.576	3.707	-3.7	89	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043932.D
Acq On : 21 Nov 2024 13:57
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Quant Time: Nov 22 03:54:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.006	1.031	-2.5	89	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043932.D
Acq On : 21 Nov 2024 13:57
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Quant Time: Nov 22 03:54:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	95	0.00
2	T	Dichlorodifluoromethane	50.000	50.537	-1.1	89	0.00
3	P	Chloromethane	50.000	49.100	1.8	89	0.00
4	C	Vinyl Chloride	50.000	50.118	-0.2#	88	0.00
5	T	Bromomethane	50.000	47.040	5.9	87	0.00
6	T	Chloroethane	50.000	40.921	18.2	73	0.00
7	T	Trichlorofluoromethane	50.000	53.407	-6.8	94	0.00
8	T	Diethyl Ether	50.000	47.345	5.3	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.762	-1.5	88	0.00
10	T	Methyl Iodide	50.000	48.614	2.8	86	0.00
11	T	Tert butyl alcohol	250.000	238.127	4.7	86	0.00
12	CM	1,1-Dichloroethene	50.000	48.192	3.6#	88	0.00
13	T	Acrolein	250.000	235.500	5.8	89	0.00
14	T	Allyl chloride	50.000	51.610	-3.2	88	0.00
15	T	Acrylonitrile	250.000	259.090	-3.6	89	0.00
16	T	Acetone	250.000	249.676	0.1	88	0.00
17	T	Carbon Disulfide	50.000	49.375	1.3	86	0.00
18	T	Methyl Acetate	50.000	50.643	-1.3	89	0.00
19	T	Methyl tert-butyl Ether	50.000	50.186	-0.4	88	0.00
20	T	Methylene Chloride	50.000	46.954	6.1	89	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.179	1.6	87	0.00
22	T	Diisopropyl ether	50.000	50.132	-0.3	88	0.00
23	T	Vinyl Acetate	250.000	263.441	-5.4	88	0.00
24	P	1,1-Dichloroethane	50.000	50.466	-0.9	88	0.00
25	T	2-Butanone	250.000	261.804	-4.7	89	0.00
26	T	2,2-Dichloropropane	50.000	52.343	-4.7	91	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.326	1.3	87	0.00
28	T	Bromochloromethane	50.000	46.920	6.2	101	0.00
29	T	Tetrahydrofuran	250.000	254.585	-1.8	89	0.00
30	C	Chloroform	50.000	49.891	0.2#	90	0.00
31	T	Cyclohexane	50.000	51.278	-2.6	89	0.00
32	T	1,1,1-Trichloroethane	50.000	51.320	-2.6	88	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.183	-0.4	108	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35	S	Dibromofluoromethane	50.000	52.442	-4.9	109	0.00
36	T	1,1-Dichloropropene	50.000	53.218	-6.4	91	0.00
37	T	Ethyl Acetate	50.000	52.656	-5.3	90	0.00
38	T	Carbon Tetrachloride	50.000	51.786	-3.6	88	0.00
39	T	Methylcyclohexane	50.000	53.489	-7.0	89	0.00
40	TM	Benzene	50.000	50.257	-0.5	88	0.00
41	T	Methacrylonitrile	50.000	53.851	-7.7	88	0.00
42	TM	1,2-Dichloroethane	50.000	50.421	-0.8	88	0.00
43	T	Isopropyl Acetate	50.000	51.469	-2.9	88	0.00
44	TM	Trichloroethene	50.000	44.554	10.9	89	0.00
45	C	1,2-Dichloropropane	50.000	47.811	4.4#	83	0.00
46	T	Dibromomethane	50.000	50.662	-1.3	88	0.00
47	T	Bromodichloromethane	50.000	52.648	-5.3	88	0.00
48	T	Methyl methacrylate	50.000	52.284	-4.6	90	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043932.D
Acq On : 21 Nov 2024 13:57
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Quant Time: Nov 22 03:54:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	905.506	9.4	79	0.00
50	S	Toluene-d8	50.000	51.234	-2.5	108	0.00
51	T	4-Methyl-2-Pentanone	250.000	265.520	-6.2	89	0.00
52	CM	Toluene	50.000	51.507	-3.0#	88	0.00
53	T	t-1,3-Dichloropropene	50.000	53.077	-6.2	87	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.205	-4.4	87	0.00
55	T	1,1,2-Trichloroethane	50.000	50.069	-0.1	88	0.00
56	T	Ethyl methacrylate	50.000	53.118	-6.2	88	0.00
57	T	1,3-Dichloropropane	50.000	50.945	-1.9	89	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	235.230	5.9	85	0.00
59	T	2-Hexanone	250.000	273.011	-9.2	89	0.00
60	T	Dibromochloromethane	50.000	52.557	-5.1	87	0.00
61	T	1,2-Dibromoethane	50.000	52.367	-4.7	89	0.00
62	S	4-Bromofluorobenzene	50.000	53.987	-8.0	111	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64	T	Tetrachloroethene	50.000	50.396	-0.8	89	0.00
65	PM	Chlorobenzene	50.000	48.094	3.8	86	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.515	-5.0	89	0.00
67	C	Ethyl Benzene	50.000	50.991	-2.0#	88	0.00
68	T	m/p-Xylenes	100.000	102.572	-2.6	87	0.00
69	T	o-Xylene	50.000	51.396	-2.8	86	0.00
70	T	Styrene	50.000	51.728	-3.5	86	0.00
71	P	Bromoform	50.000	47.449	5.1	84	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	49.222	1.6	89	0.00
74	T	N-amyl acetate	50.000	51.406	-2.8	88	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.356	1.3	90	0.00
76	T	1,2,3-Trichloropropane	50.000	49.973	0.1	89	0.00
77	T	Bromobenzene	50.000	48.081	3.8	87	0.00
78	T	n-propylbenzene	50.000	50.652	-1.3	88	0.00
79	T	2-Chlorotoluene	50.000	47.551	4.9	87	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.134	-0.3	89	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.756	0.5	87	0.00
82	T	4-Chlorotoluene	50.000	48.652	2.7	86	0.00
83	T	tert-Butylbenzene	50.000	50.165	-0.3	88	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.410	-0.8	89	0.00
85	T	sec-Butylbenzene	50.000	50.307	-0.6	87	0.00
86	T	p-Isopropyltoluene	50.000	51.511	-3.0	88	0.00
87	T	1,3-Dichlorobenzene	50.000	47.529	4.9	87	0.00
88	T	1,4-Dichlorobenzene	50.000	47.306	5.4	87	0.00
89	T	n-Butylbenzene	50.000	52.020	-4.0	86	0.00
90	T	Hexachloroethane	50.000	50.050	-0.1	87	0.00
91	T	1,2-Dichlorobenzene	50.000	47.656	4.7	87	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.030	-2.1	91	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.495	1.0	87	0.00
94	T	Hexachlorobutadiene	50.000	50.065	-0.1	92	0.00
95	T	Naphthalene	50.000	51.831	-3.7	89	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043932.D
Acq On : 21 Nov 2024 13:57
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Quant Time: Nov 22 03:54:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.246	-2.5	89	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Raw Data: **VX044197.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: P5246 SAS No.: P5246 SDG No.: P5246

Instrument ID: MSVOA_X Calibration Date/Time: 12/10/2024 10:43

Lab File ID: VX044197.D Init. Calib. Date(s): 11/21/2024 11/21/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:47 12:03

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.633	0.527		-16.75	20
Chloromethane	0.667	0.569	0.1	-14.69	20
Vinyl Chloride	0.709	0.628		-11.43	20
Bromomethane	0.436	0.455		4.36	20
Chloroethane	0.432	0.424		-1.85	20
Trichlorofluoromethane	1.268	1.418		11.83	20
1,1,2-Trichlorotrifluoroethane	0.605	0.606		0.17	20
1,1-Dichloroethene	0.576	0.529		-8.16	20
Acetone	0.394	0.458		16.24	20
Carbon Disulfide	1.188	0.962		-19.02	20
Methyl tert-butyl Ether	2.092	2.233		6.74	20
Methyl Acetate	0.917	1.022		11.45	20
Methylene Chloride	0.668	0.637		-4.64	20
trans-1,2-Dichloroethene	0.595	0.573		-3.7	20
1,1-Dichloroethane	1.161	1.178	0.1	1.46	20
Cyclohexane	0.956	0.924		-3.35	20
2-Butanone	0.508	0.601		18.31	20
Carbon Tetrachloride	0.500	0.529		5.8	20
cis-1,2-Dichloroethene	0.735	0.749		1.9	20
Bromochloromethane	0.511	0.489		-4.3	20
Chloroform	1.249	1.296		3.76	20
1,1,1-Trichloroethane	1.077	1.143		6.13	20
Methylcyclohexane	0.578	0.582		0.69	20
Benzene	1.387	1.399		0.87	20
1,2-Dichloroethane	0.557	0.598		7.36	20
Trichloroethene	0.393	0.358		-8.91	20
1,2-Dichloropropane	0.340	0.365		7.35	20
Bromodichloromethane	0.482	0.545		13.07	20
4-Methyl-2-Pentanone	0.537	0.657		22.35	20
Toluene	0.830	0.892		7.47	20
t-1,3-Dichloropropene	0.491	0.566		15.27	20
cis-1,3-Dichloropropene	0.539	0.591		9.65	20
1,1,2-Trichloroethane	0.343	0.382		11.37	20
2-Hexanone	0.403	0.515		27.79	20
Dibromochloromethane	0.344	0.401		16.57	20
1,2-Dibromoethane	0.346	0.404		16.76	20
Tetrachloroethene	0.330	0.336		1.82	20
Chlorobenzene	1.098	1.144	0.3	4.19	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Raw Data: **VX044197.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: P5246 SAS No.: P5246 SDG No.: P5246

Instrument ID: MSVOA_X Calibration Date/Time: 12/10/2024 10:43

Lab File ID: VX044197.D Init. Calib. Date(s): 11/21/2024 11/21/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:47 12:03

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.861	2.022		8.65	20
m/p-Xylenes	0.694	0.751		8.21	20
o-Xylene	0.678	0.748		10.32	20
Styrene	1.121	1.260		12.4	20
Bromoform	0.240	0.284	0.1	18.33	20
Isopropylbenzene	3.843	4.048		5.33	20
1,1,2,2-Tetrachloroethane	1.316	1.422	0.3	8.06	20
1,3-Dichlorobenzene	1.670	1.754		5.03	20
1,4-Dichlorobenzene	1.702	1.759		3.35	20
1,2-Dichlorobenzene	1.685	1.803		7	20
1,2-Dibromo-3-Chloropropane	0.264	0.303		14.77	20
1,2,4-Trichlorobenzene	0.994	1.061		6.74	20
1,2,3-Trichlorobenzene	1.006	1.115		10.84	20
1,2-Dichloroethane-d4	0.858	0.878		2.33	20
Dibromofluoromethane	0.357	0.374		4.76	20
Toluene-d8	1.232	1.265		2.68	20
4-Bromofluorobenzene	0.419	0.460		9.78	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Sample Results: **VX044197.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044197.D
Acq On : 10 Dec 2024 10:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 11 01:25:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	121082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	212067	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	187191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	106260	51.166	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.340%			
35) Dibromofluoromethane	5.379	113	79263	52.308	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.620%			
50) Toluene-d8	8.647	98	268167	51.339	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.680%			
62) 4-Bromofluorobenzene	11.079	95	97578	54.890	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.780%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	63839	41.618	ug/l	97
3) Chloromethane	1.294	50	68950	42.716	ug/l	99
4) Vinyl Chloride	1.374	62	76098	44.323	ug/l	99
5) Bromomethane	1.593	94	55134	52.201	ug/l	97
6) Chloroethane	1.660	64	51361	49.095	ug/l	98
7) Trichlorofluoromethane	1.867	101	171671	55.927	ug/l	100
8) Diethyl Ether	2.130	74	56553	50.549	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.313	101	73331	50.083	ug/l	98
10) Methyl Iodide	2.441	142	90454	49.465	ug/l	97
11) Tert butyl alcohol	2.995	59	83857	251.566	ug/l	97
12) 1,1-Dichloroethene	2.306	96	64019	45.885	ug/l	97
13) Acrolein	2.233	56	101837	289.842	ug/l	97
14) Allyl chloride	2.654	41	115018	50.451	ug/l	97
15) Acrylonitrile	3.068	53	227165	279.648	ug/l	99
16) Acetone	2.386	43	277283	290.702	ug/l	99
17) Carbon Disulfide	2.495	76	116422	40.453	ug/l	99
18) Methyl Acetate	2.703	43	123713	55.695	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	270415	53.378	ug/l	99
20) Methylene Chloride	2.782	84	77152	47.664	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	69426	48.196	ug/l	99
22) Diisopropyl ether	3.763	45	258512	53.030	ug/l	97
23) Vinyl Acetate	3.721	43	1139264	273.194	ug/l	99
24) 1,1-Dichloroethane	3.599	63	142627	50.716	ug/l	100
25) 2-Butanone	4.562	43	363724	295.530	ug/l	99
26) 2,2-Dichloropropane	4.465	77	132529	52.181	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	90693	50.935	ug/l	98
28) Bromochloromethane	4.891	49	59174	47.802	ug/l	96
29) Tetrahydrofuran	5.007	42	209149	277.191	ug/l	99
30) Chloroform	5.086	83	156932	51.884	ug/l	99
31) Cyclohexane	5.452	56	111927	48.357	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	138440	53.075	ug/l	99
36) 1,1-Dichloropropene	5.684	75	97232	51.492	ug/l	98
37) Ethyl Acetate	4.715	43	134827	57.521	ug/l	98
38) Carbon Tetrachloride	5.672	117	112117	52.842	ug/l	96
39) Methylcyclohexane	7.373	83	123359	50.287	ug/l	97
40) Benzene	6.031	78	296645	50.434	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044197.D
Acq On : 10 Dec 2024 10:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 11 01:25:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.916	41	68558	57.147 ug/l	94
42) 1,2-Dichloroethane	6.080	62	126793	53.674 ug/l	100
43) Isopropyl Acetate	6.336	43	212244	56.898 ug/l	99
44) Trichloroethene	7.117	130	75985	45.635 ug/l	92
45) 1,2-Dichloropropane	7.427	63	77311	53.666 ug/l	97
46) Dibromomethane	7.580	93	62367	54.728 ug/l	99
47) Bromodichloromethane	7.818	83	115501	56.513 ug/l	99
48) Methyl methacrylate	7.690	41	99017	55.319 ug/l	98
49) 1,4-Dioxane	7.659	88	28446	892.162 ug/l #	74
51) 4-Methyl-2-Pentanone	8.574	43	696425	305.931 ug/l	100
52) Toluene	8.714	92	189268	53.762 ug/l	99
53) t-1,3-Dichloropropene	8.976	75	120064	57.607 ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	125311	54.845 ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	80926	55.687 ug/l	96
56) Ethyl methacrylate	9.116	69	134754	59.532 ug/l	100
57) 1,3-Dichloropropane	9.305	76	135605	55.393 ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	314332	253.403 ug/l	99
59) 2-Hexanone	9.427	43	545883	319.041 ug/l	100
60) Dibromochloromethane	9.519	129	85107	58.369 ug/l	99
61) 1,2-Dibromoethane	9.610	107	85669	58.300 ug/l	96
64) Tetrachloroethene	9.269	164	62970	51.016 ug/l	98
65) Chlorobenzene	10.079	112	214102	52.077 ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	76789	57.592 ug/l	96
67) Ethyl Benzene	10.189	91	378463	54.326 ug/l	99
68) m/p-Xylenes	10.299	106	281005	108.164 ug/l	99
69) o-Xylene	10.640	106	139928	55.165 ug/l	98
70) Styrene	10.652	104	235876	56.223 ug/l	98
71) Bromoform	10.799	173	53151	52.273 ug/l #	98
73) Isopropylbenzene	10.963	105	368919	52.666 ug/l	99
74) N-amyl acetate	10.841	43	186542	57.486 ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	129580	54.025 ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	110467m	55.278 ug/l	
77) Bromobenzene	11.195	156	86985	52.056 ug/l	98
78) n-propylbenzene	11.305	91	423839	54.176 ug/l	99
79) 2-Chlorotoluene	11.360	91	259490	52.453 ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	310149	53.818 ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	38314	52.317 ug/l	97
82) 4-Chlorotoluene	11.451	91	301801	54.037 ug/l	99
83) tert-Butylbenzene	11.713	119	316356	55.384 ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	313218	54.591 ug/l	99
85) sec-Butylbenzene	11.890	105	388872	55.564 ug/l	100
86) p-Isopropyltoluene	12.006	119	325073	57.182 ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	159843	52.521 ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	160310	51.665 ug/l	97
89) n-Butylbenzene	12.329	91	283567	56.576 ug/l	99
90) Hexachloroethane	12.536	117	50899	52.654 ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	164337	53.506 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	27603	57.434 ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	96701	53.404 ug/l	99
94) Hexachlorobutadiene	13.725	225	39157	54.716 ug/l	96
95) Naphthalene	13.774	128	381783	58.572 ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	101647	55.461 ug/l	98

Sample Results: **VX044197.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044197.D
Acq On : 10 Dec 2024 10:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 11 01:25:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

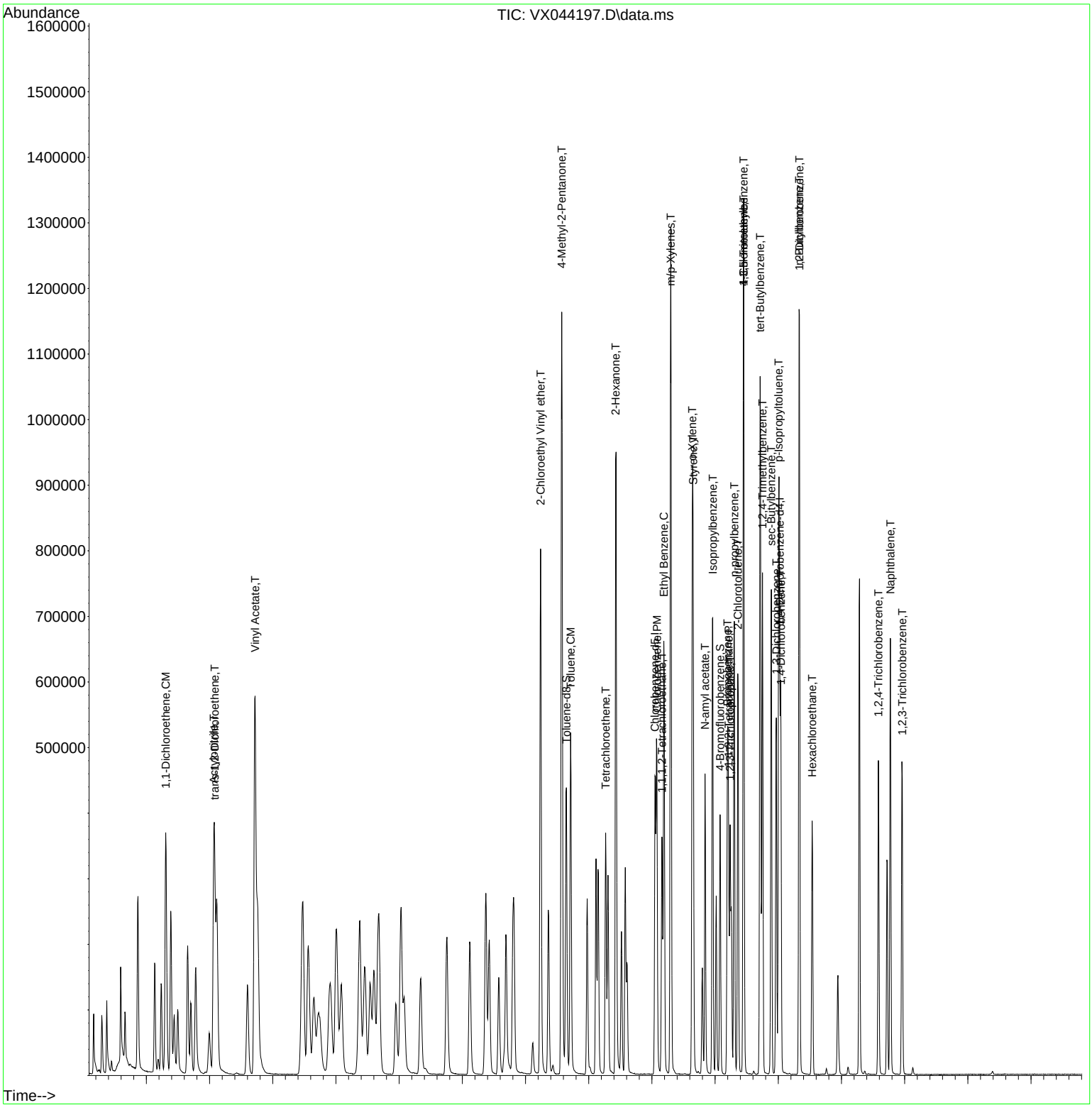
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044197.D
Acq On : 10 Dec 2024 10:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 11 01:25:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



Sample Results: **VX044197.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044197.D
Acq On : 10 Dec 2024 10:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 11 01:25:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	87	0.00
2	T	Dichlorodifluoromethane	0.633	0.527	16.7	67	0.00
3	P	Chloromethane	0.667	0.569	14.7	71	0.00
4	C	Vinyl Chloride	0.709	0.628	11.4#	72	0.00
5	T	Bromomethane	0.436	0.455	-4.4	89	0.00
6	T	Chloroethane	0.432	0.424	1.9	81	0.00
7	T	Trichlorofluoromethane	1.268	1.418	-11.8	91	0.00
8	T	Diethyl Ether	0.462	0.467	-1.1	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.605	0.606	-0.2	80	0.00
10	T	Methyl Iodide	0.755	0.747	1.1	81	0.00
11	T	Tert butyl alcohol	0.138	0.139	-0.7	84	0.00
12	CM	1,1-Dichloroethene	0.576	0.529	8.2#	77	0.00
13	T	Acrolein	0.145	0.168	-15.9	101	0.00
14	T	Allyl chloride	0.941	0.950	-1.0	80	0.00
15	T	Acrylonitrile	0.335	0.375	-11.9	89	0.00
16	T	Acetone	0.394	0.458	-16.2	94	0.00
17	T	Carbon Disulfide	1.188	0.962	19.0	65	0.00
18	T	Methyl Acetate	0.917	1.022	-11.5	90	0.00
19	T	Methyl tert-butyl Ether	2.092	2.233	-6.7	86	0.00
20	T	Methylene Chloride	0.668	0.637	4.6	83	0.00
21	T	trans-1,2-Dichloroethene	0.595	0.573	3.7	79	0.00
22	T	Diisopropyl ether	2.013	2.135	-6.1	86	0.00
23	T	Vinyl Acetate	1.722	1.882	-9.3	85	0.00
24	P	1,1-Dichloroethane	1.161	1.178	-1.5	82	0.00
25	T	2-Butanone	0.508	0.601	-18.3	93	0.00
26	T	2,2-Dichloropropane	1.049	1.095	-4.4	84	0.00
27	T	cis-1,2-Dichloroethene	0.735	0.749	-1.9	83	0.00
28	T	Bromochloromethane	0.511	0.489	4.3	95	0.00
29	T	Tetrahydrofuran	0.312	0.345	-10.6	89	0.00
30	C	Chloroform	1.249	1.296	-3.8#	86	0.00
31	T	Cyclohexane	0.956	0.924	3.3	78	0.00
32	T	1,1,1-Trichloroethane	1.077	1.143	-6.1	84	0.00
33	S	1,2-Dichloroethane-d4	0.858	0.878	-2.3	102	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35	S	Dibromofluoromethane	0.357	0.374	-4.8	100	0.00
36	T	1,1-Dichloropropene	0.445	0.458	-2.9	82	0.00
37	T	Ethyl Acetate	0.553	0.636	-15.0	91	0.00
38	T	Carbon Tetrachloride	0.500	0.529	-5.8	83	0.00
39	T	Methylcyclohexane	0.578	0.582	-0.7	78	0.00
40	TM	Benzene	1.387	1.399	-0.9	82	0.00
41	T	Methacrylonitrile	0.283	0.323	-14.1	86	0.00
42	TM	1,2-Dichloroethane	0.557	0.598	-7.4	87	0.00
43	T	Isopropyl Acetate	0.880	1.001	-13.7	90	0.00
44	TM	Trichloroethene	0.393	0.358	8.9	84	0.00
45	C	1,2-Dichloropropane	0.340	0.365	-7.4#	86	0.00
46	T	Dibromomethane	0.269	0.294	-9.3	88	0.00
47	T	Bromodichloromethane	0.482	0.545	-13.1	88	0.00
48	T	Methyl methacrylate	0.422	0.467	-10.7	88	0.00

Sample Results: **VX044197.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044197.D
Acq On : 10 Dec 2024 10:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 11 01:25:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.008	0.007	12.5	72	0.00
50	S	Toluene-d8	1.232	1.265	-2.7	101	0.00
51	T	4-Methyl-2-Pentanone	0.537	0.657	-22.3	95	0.00
52	CM	Toluene	0.830	0.892	-7.5#	85	0.00
53	T	t-1,3-Dichloropropene	0.491	0.566	-15.3	87	0.00
54	T	cis-1,3-Dichloropropene	0.539	0.591	-9.6	85	0.00
55	T	1,1,2-Trichloroethane	0.343	0.382	-11.4	90	0.00
56	T	Ethyl methacrylate	0.534	0.635	-18.9	91	0.00
57	T	1,3-Dichloropropane	0.577	0.639	-10.7	90	0.00
58	T	2-Chloroethyl Vinyl ether	0.273	0.296	-8.4	85	0.00
59	T	2-Hexanone	0.403	0.515	-27.8#	96	0.00
60	T	Dibromochloromethane	0.344	0.401	-16.6	89	0.00
61	T	1,2-Dibromoethane	0.346	0.404	-16.8	92	0.00
62	S	4-Bromofluorobenzene	0.419	0.460	-9.8	104	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64	T	Tetrachloroethene	0.330	0.336	-1.8	85	0.00
65	PM	Chlorobenzene	1.098	1.144	-4.2	88	0.00
66	T	1,1,1,2-Tetrachloroethane	0.356	0.410	-15.2	91	0.00
67	C	Ethyl Benzene	1.861	2.022	-8.7#	88	0.00
68	T	m/p-Xylenes	0.694	0.751	-8.2	87	0.00
69	T	o-Xylene	0.678	0.748	-10.3	87	0.00
70	T	Styrene	1.121	1.260	-12.4	88	0.00
71	P	Bromoform	0.240	0.284	-18.3	88	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73	T	Isopropylbenzene	3.843	4.048	-5.3	90	0.00
74	T	N-amyl acetate	1.780	2.047	-15.0	93	0.00
75	P	1,1,2,2-Tetrachloroethane	1.316	1.422	-8.1	93	0.00
76	T	1,2,3-Trichloropropane	1.096	1.212	-10.6	93	0.00
77	T	Bromobenzene	0.917	0.955	-4.1	89	0.00
78	T	n-propylbenzene	4.293	4.651	-8.3	89	0.00
79	T	2-Chlorotoluene	2.714	2.848	-4.9	91	0.00
80	T	1,3,5-Trimethylbenzene	3.162	3.403	-7.6	90	0.00
81	T	trans-1,4-Dichloro-2-butene	0.402	0.420	-4.5	86	0.00
82	T	4-Chlorotoluene	3.064	3.312	-8.1	90	0.00
83	T	tert-Butylbenzene	3.134	3.472	-10.8	92	0.00
84	T	1,2,4-Trimethylbenzene	3.148	3.437	-9.2	91	0.00
85	T	sec-Butylbenzene	3.840	4.267	-11.1	91	0.00
86	T	p-Isopropyltoluene	3.119	3.567	-14.4	92	0.00
87	T	1,3-Dichlorobenzene	1.670	1.754	-5.0	90	0.00
88	T	1,4-Dichlorobenzene	1.702	1.759	-3.3	90	0.00
89	T	n-Butylbenzene	2.750	3.112	-13.2	89	0.00
90	T	Hexachloroethane	0.530	0.559	-5.5	86	0.00
91	T	1,2-Dichlorobenzene	1.685	1.803	-7.0	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.264	0.303	-14.8	97	0.00
93	T	1,2,4-Trichlorobenzene	0.994	1.061	-6.7	89	0.00
94	T	Hexachlorobutadiene	0.393	0.430	-9.4	95	0.00
95	T	Naphthalene	3.576	4.190	-17.2	95	0.00

Sample Results: **VX044197.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044197.D
Acq On : 10 Dec 2024 10:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 11 01:25:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.006	1.115	-10.8	91	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Sample Results: **VX044197.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044197.D
Acq On : 10 Dec 2024 10:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 11 01:25:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	87	0.00
2	T	Dichlorodifluoromethane	50.000	41.618	16.8	67	0.00
3	P	Chloromethane	50.000	42.716	14.6	71	0.00
4	C	Vinyl Chloride	50.000	44.323	11.4#	72	0.00
5	T	Bromomethane	50.000	52.201	-4.4	89	0.00
6	T	Chloroethane	50.000	49.095	1.8	81	0.00
7	T	Trichlorofluoromethane	50.000	55.927	-11.9	91	0.00
8	T	Diethyl Ether	50.000	50.549	-1.1	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.083	-0.2	80	0.00
10	T	Methyl Iodide	50.000	49.465	1.1	81	0.00
11	T	Tert butyl alcohol	250.000	251.566	-0.6	84	0.00
12	CM	1,1-Dichloroethene	50.000	45.885	8.2#	77	0.00
13	T	Acrolein	250.000	289.842	-15.9	101	0.00
14	T	Allyl chloride	50.000	50.451	-0.9	80	0.00
15	T	Acrylonitrile	250.000	279.648	-11.9	89	0.00
16	T	Acetone	250.000	290.702	-16.3	94	0.00
17	T	Carbon Disulfide	50.000	40.453	19.1	65	0.00
18	T	Methyl Acetate	50.000	55.695	-11.4	90	0.00
19	T	Methyl tert-butyl Ether	50.000	53.378	-6.8	86	0.00
20	T	Methylene Chloride	50.000	47.664	4.7	83	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.196	3.6	79	0.00
22	T	Diisopropyl ether	50.000	53.030	-6.1	86	0.00
23	T	Vinyl Acetate	250.000	273.194	-9.3	85	0.00
24	P	1,1-Dichloroethane	50.000	50.716	-1.4	82	0.00
25	T	2-Butanone	250.000	295.530	-18.2	93	0.00
26	T	2,2-Dichloropropane	50.000	52.181	-4.4	84	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.935	-1.9	83	0.00
28	T	Bromochloromethane	50.000	47.802	4.4	95	0.00
29	T	Tetrahydrofuran	250.000	277.191	-10.9	89	0.00
30	C	Chloroform	50.000	51.884	-3.8#	86	0.00
31	T	Cyclohexane	50.000	48.357	3.3	78	0.00
32	T	1,1,1-Trichloroethane	50.000	53.075	-6.2	84	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.166	-2.3	102	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35	S	Dibromofluoromethane	50.000	52.308	-4.6	100	0.00
36	T	1,1-Dichloropropene	50.000	51.492	-3.0	82	0.00
37	T	Ethyl Acetate	50.000	57.521	-15.0	91	0.00
38	T	Carbon Tetrachloride	50.000	52.842	-5.7	83	0.00
39	T	Methylcyclohexane	50.000	50.287	-0.6	78	0.00
40	TM	Benzene	50.000	50.434	-0.9	82	0.00
41	T	Methacrylonitrile	50.000	57.147	-14.3	86	0.00
42	TM	1,2-Dichloroethane	50.000	53.674	-7.3	87	0.00
43	T	Isopropyl Acetate	50.000	56.898	-13.8	90	0.00
44	TM	Trichloroethene	50.000	45.635	8.7	84	0.00
45	C	1,2-Dichloropropane	50.000	53.666	-7.3#	86	0.00
46	T	Dibromomethane	50.000	54.728	-9.5	88	0.00
47	T	Bromodichloromethane	50.000	56.513	-13.0	88	0.00
48	T	Methyl methacrylate	50.000	55.319	-10.6	88	0.00

Sample Results: **VX044197.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044197.D
Acq On : 10 Dec 2024 10:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 11 01:25:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	892.162	10.8	72	0.00
50	S	Toluene-d8	50.000	51.339	-2.7	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	305.931	-22.4	95	0.00
52	CM	Toluene	50.000	53.762	-7.5#	85	0.00
53	T	t-1,3-Dichloropropene	50.000	57.607	-15.2	87	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.845	-9.7	85	0.00
55	T	1,1,2-Trichloroethane	50.000	55.687	-11.4	90	0.00
56	T	Ethyl methacrylate	50.000	59.532	-19.1	91	0.00
57	T	1,3-Dichloropropane	50.000	55.393	-10.8	90	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	253.403	-1.4	85	0.00
59	T	2-Hexanone	250.000	319.041	-27.6#	96	0.00
60	T	Dibromochloromethane	50.000	58.369	-16.7	89	0.00
61	T	1,2-Dibromoethane	50.000	58.300	-16.6	92	0.00
62	S	4-Bromofluorobenzene	50.000	54.890	-9.8	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64	T	Tetrachloroethene	50.000	51.016	-2.0	85	0.00
65	PM	Chlorobenzene	50.000	52.077	-4.2	88	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	57.592	-15.2	91	0.00
67	C	Ethyl Benzene	50.000	54.326	-8.7#	88	0.00
68	T	m/p-Xylenes	100.000	108.164	-8.2	87	0.00
69	T	o-Xylene	50.000	55.165	-10.3	87	0.00
70	T	Styrene	50.000	56.223	-12.4	88	0.00
71	P	Bromoform	50.000	52.273	-4.5	88	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73	T	Isopropylbenzene	50.000	52.666	-5.3	90	0.00
74	T	N-amyl acetate	50.000	57.486	-15.0	93	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.025	-8.0	93	0.00
76	T	1,2,3-Trichloropropane	50.000	55.278	-10.6	93	0.00
77	T	Bromobenzene	50.000	52.056	-4.1	89	0.00
78	T	n-propylbenzene	50.000	54.176	-8.4	89	0.00
79	T	2-Chlorotoluene	50.000	52.453	-4.9	91	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.818	-7.6	90	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.317	-4.6	86	0.00
82	T	4-Chlorotoluene	50.000	54.037	-8.1	90	0.00
83	T	tert-Butylbenzene	50.000	55.384	-10.8	92	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.591	-9.2	91	0.00
85	T	sec-Butylbenzene	50.000	55.564	-11.1	91	0.00
86	T	p-Isopropyltoluene	50.000	57.182	-14.4	92	0.00
87	T	1,3-Dichlorobenzene	50.000	52.521	-5.0	90	0.00
88	T	1,4-Dichlorobenzene	50.000	51.665	-3.3	90	0.00
89	T	n-Butylbenzene	50.000	56.576	-13.2	89	0.00
90	T	Hexachloroethane	50.000	52.654	-5.3	86	0.00
91	T	1,2-Dichlorobenzene	50.000	53.506	-7.0	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	57.434	-14.9	97	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.404	-6.8	89	0.00
94	T	Hexachlorobutadiene	50.000	54.716	-9.4	95	0.00
95	T	Naphthalene	50.000	58.572	-17.1	95	0.00

Sample Results: **VX044197.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044197.D
Acq On : 10 Dec 2024 10:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 11 01:25:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.461	-10.9	91	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

QC SAMPLE DATA

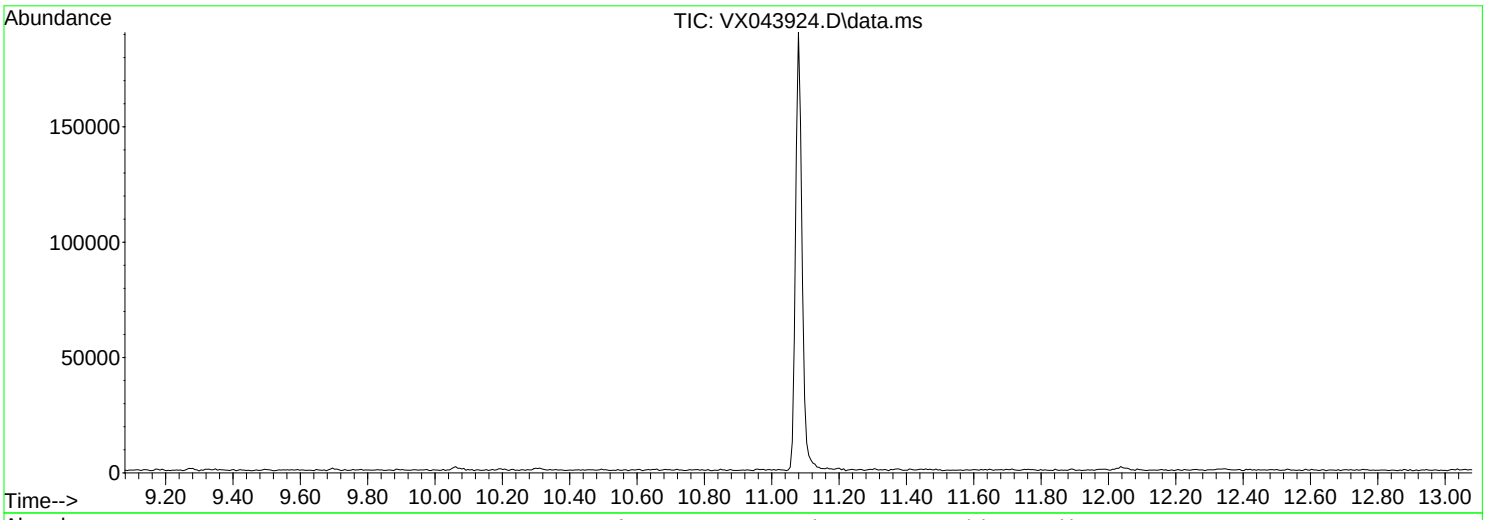
Sample Results: **VX043924.D**

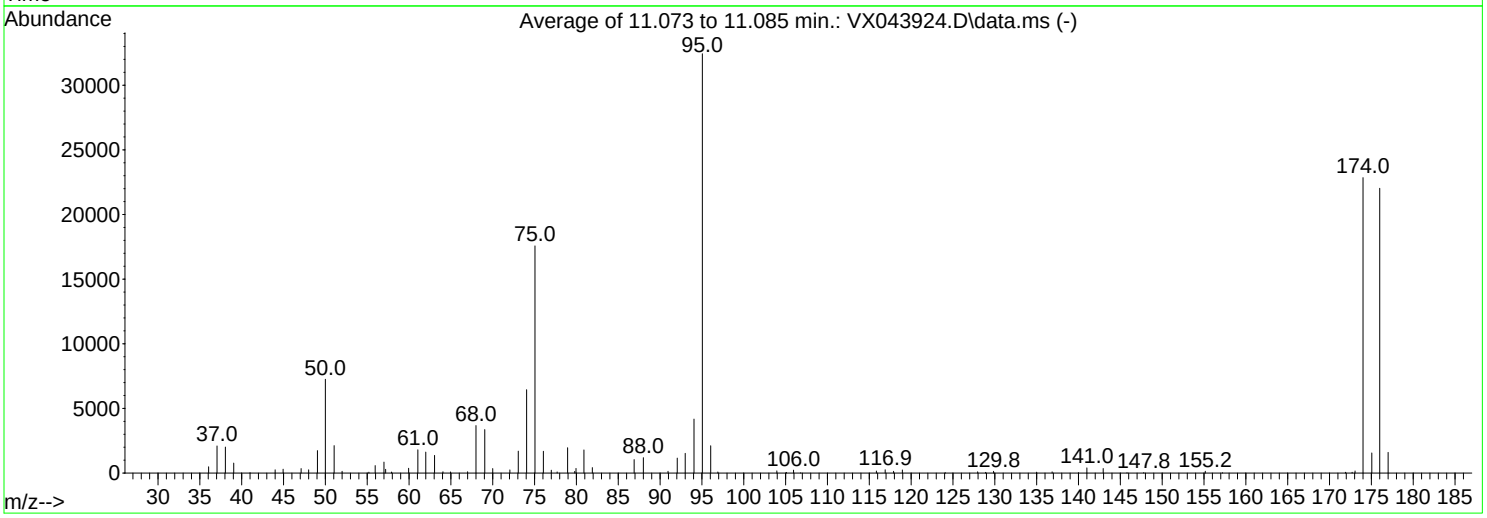
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043924.D
Acq On : 21 Nov 2024 08:51
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Title : SW846 8260
Last Update : Fri Nov 22 00:18:05 2024





AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.4	7254	PASS
75	95	30	60	54.2	17573	PASS
95	95	100	100	100.0	32437	PASS
96	95	5	9	6.5	2112	PASS
173	174	0.00	2	0.7	162	PASS
174	95	50	100	70.5	22853	PASS
175	174	5	9	6.8	1557	PASS
176	174	95	101	96.4	22030	PASS
177	176	5	9	7.3	1600	PASS

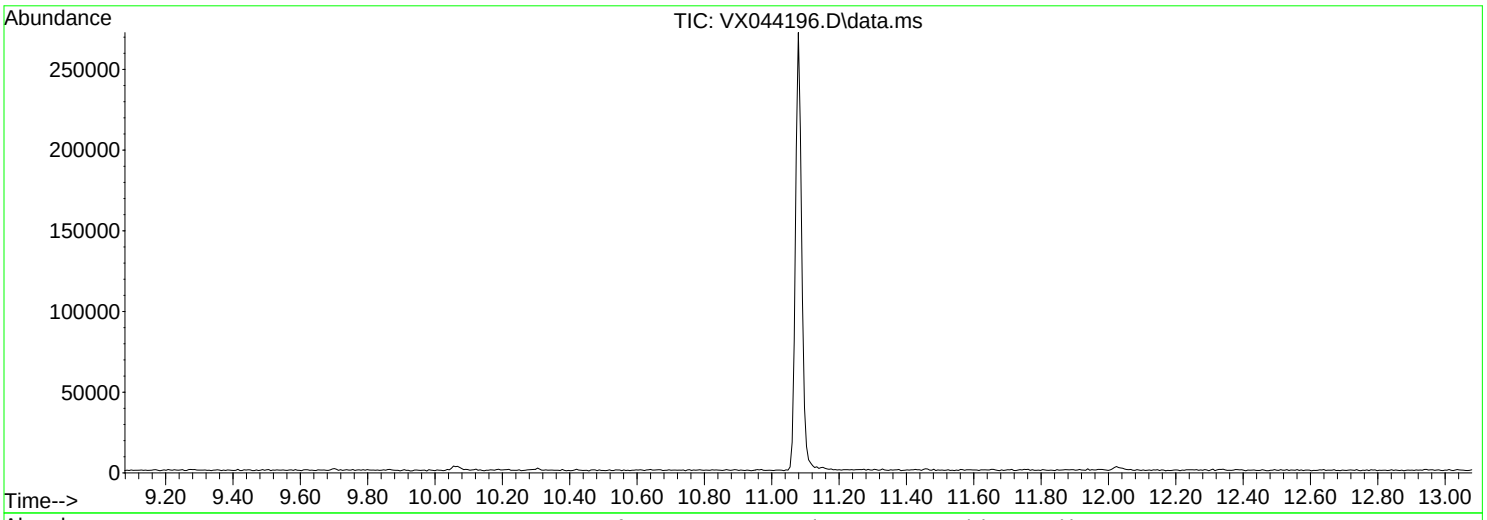
Sample Results: **VX044196.D**

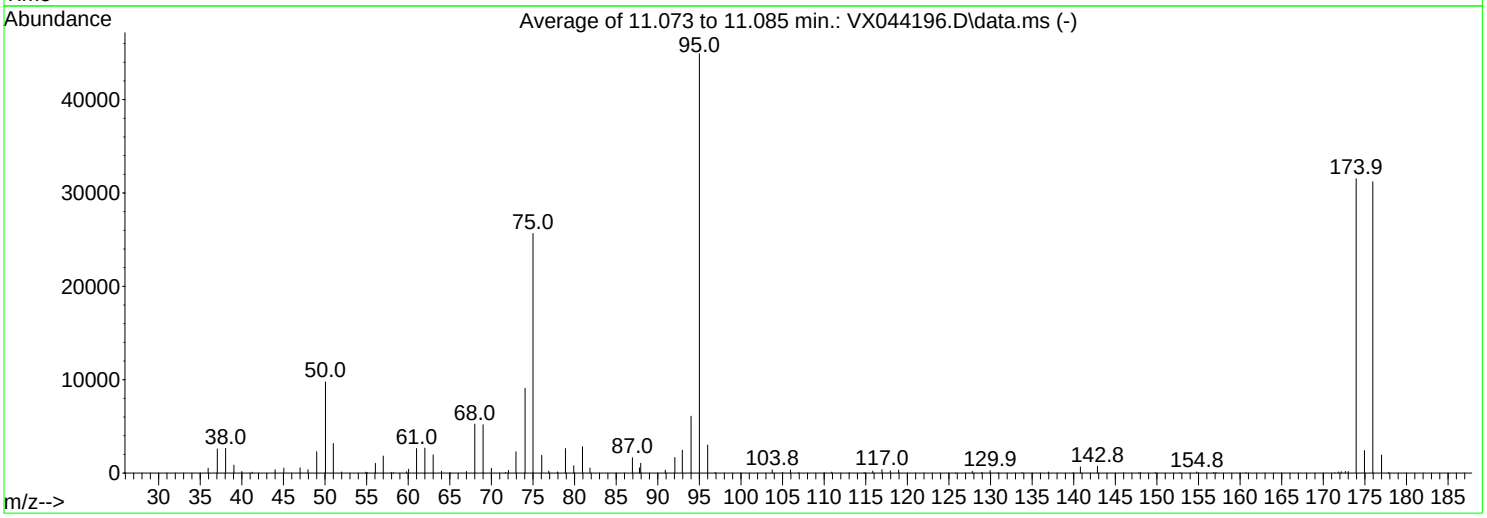
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044196.D
Acq On : 10 Dec 2024 09:01
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Title : SW846 8260
Last Update : Fri Nov 22 03:45:52 2024





AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.7	9765	PASS
75	95	30	60	57.1	25659	PASS
95	95	100	100	100.0	44912	PASS
96	95	5	9	6.7	2997	PASS
173	174	0.00	2	0.6	175	PASS
174	95	50	100	70.2	31531	PASS
175	174	5	9	7.7	2414	PASS
176	174	95	101	99.0	31205	PASS
177	176	5	9	6.2	1936	PASS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	VX1210WBL01	SDG No.:	P5246
Lab Sample ID:	VX1210WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044199.D	1		12/10/24 11:35	VX121024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	VX1210WBL01	SDG No.:	P5246
Lab Sample ID:	VX1210WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044199.D	1		12/10/24 11:35	VX121024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.7		74 - 125	99%	SPK: 50
1868-53-7	Dibromofluoromethane	46.4		75 - 124	93%	SPK: 50
2037-26-5	Toluene-d8	49.1		86 - 113	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.5		77 - 121	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	110000	5.544			
540-36-3	1,4-Difluorobenzene	208000	6.757			
3114-55-4	Chlorobenzene-d5	179000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	71500	12.018			

Raw Data: **VX044199.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	VX1210WBL01	SDG No.:	P5246
Lab Sample ID:	VX1210WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044199.D	1		12/10/24 11:35	VX121024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Sample Results: **VX044199.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044199.D
Acq On : 10 Dec 2024 11:35
Operator : JC/MD
Sample : VX1210WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

Quant Time: Dec 11 01:27:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

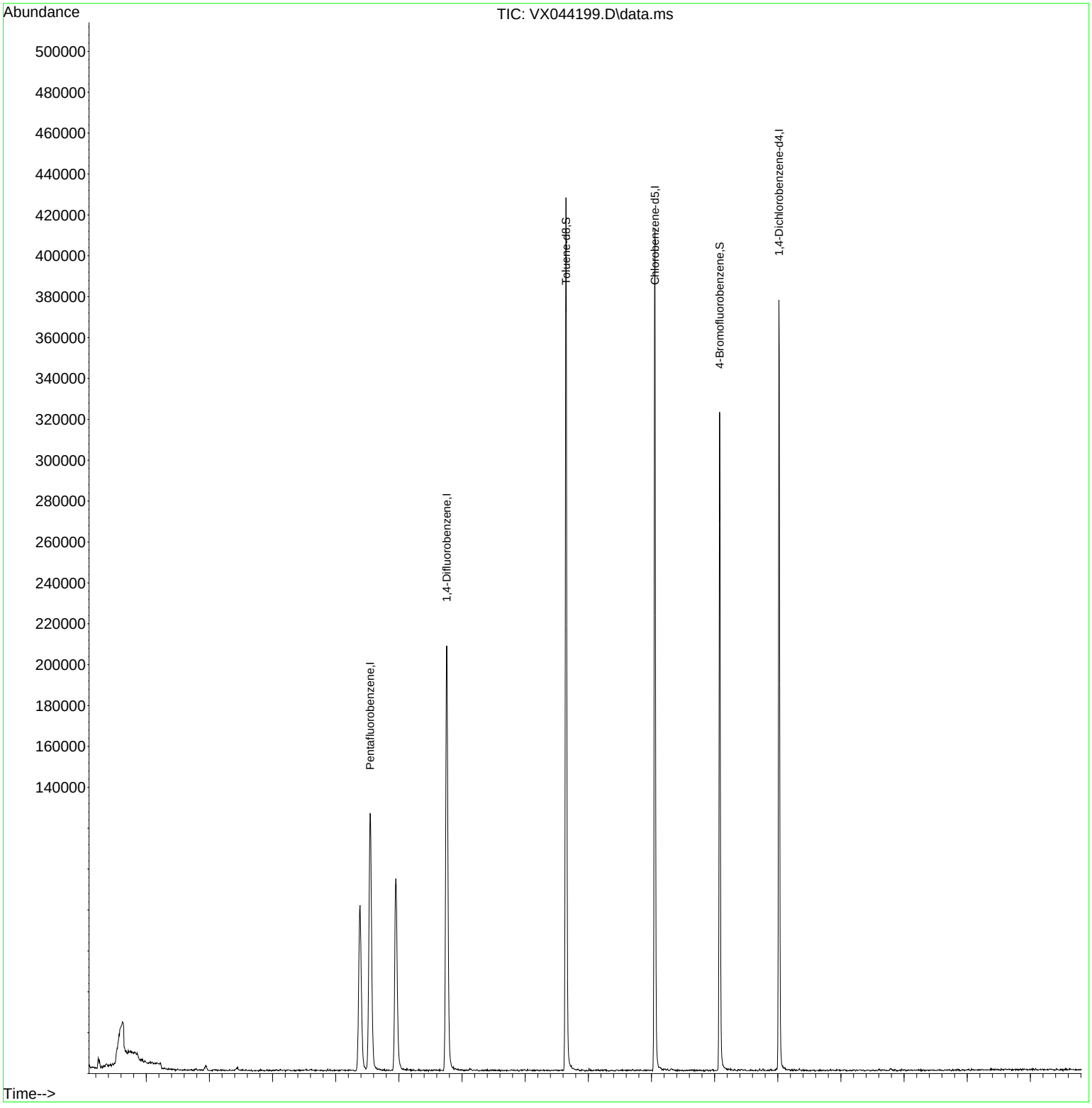
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	110263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	207593	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	94012	49.710	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.420%		
35) Dibromofluoromethane	5.385	113	68829	46.401	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.800%		
50) Toluene-d8	8.647	98	251203	49.128	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.260%		
62) 4-Bromofluorobenzene	11.079	95	82733	47.543	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.080%		
Target Compounds						Qvalue

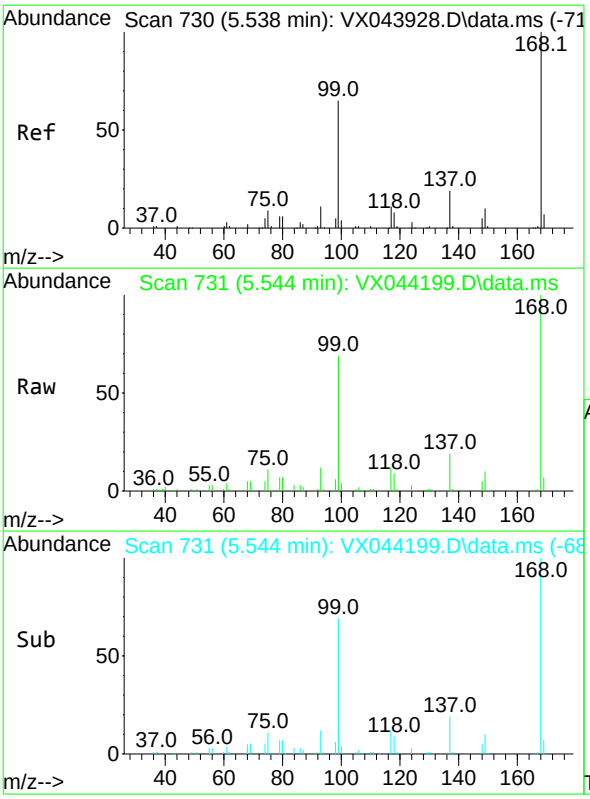
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044199.D
Acq On : 10 Dec 2024 11:35
Operator : JC/MD
Sample : VX1210WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

Quant Time: Dec 11 01:27:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



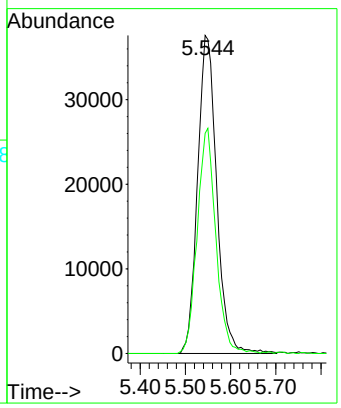


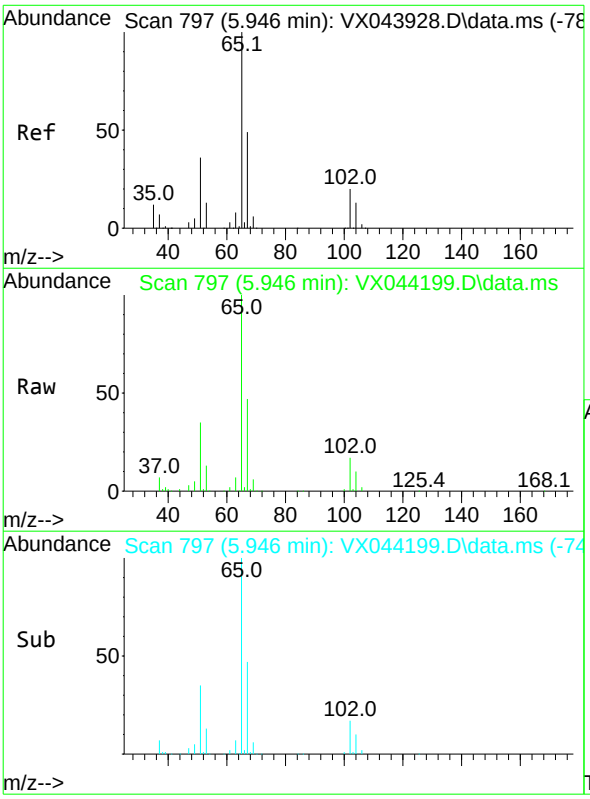
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. 0.006 min
Lab File: VX044199.D
Acq: 10 Dec 2024 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

Tgt Ion:168 Resp: 110263

Ion	Ratio	Lower	Upper
168	100		
99	69.2	51.8	77.8

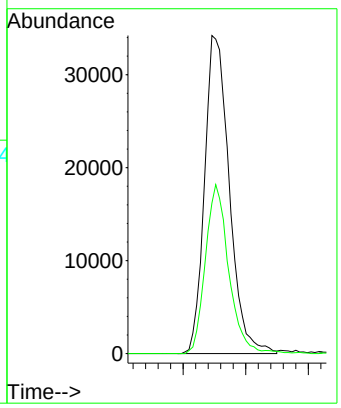


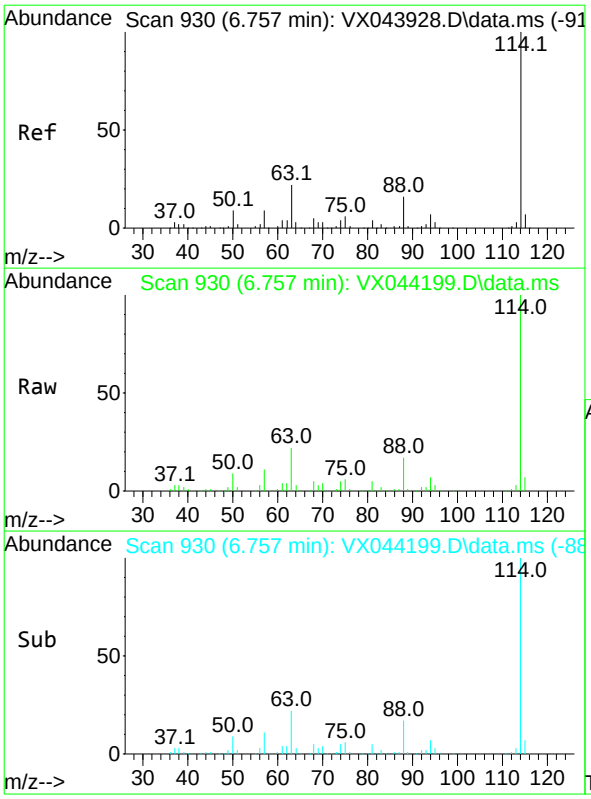


#33
1,2-Dichloroethane-d4
Concen: 49.710 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX044199.D
Acq: 10 Dec 2024 11:35

Tgt Ion: 65 Resp: 94012

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	100.8



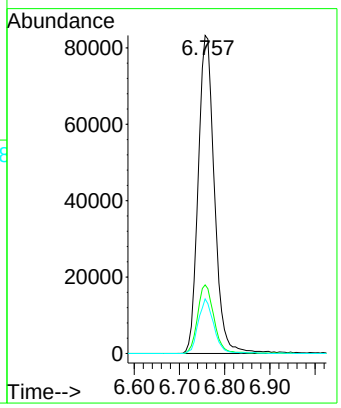


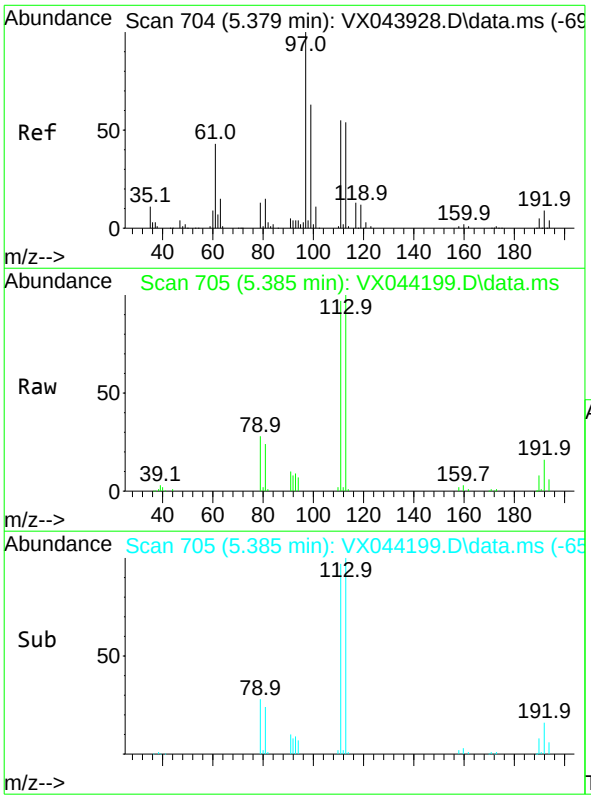
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 93
Delta R.T. -0.000 min
Lab File: VX044199.D
Acq: 10 Dec 2024 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

Tgt Ion:114 Resp: 207593

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	44.0
88	17.2	0.0	32.4

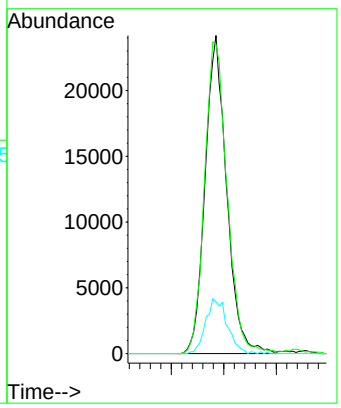


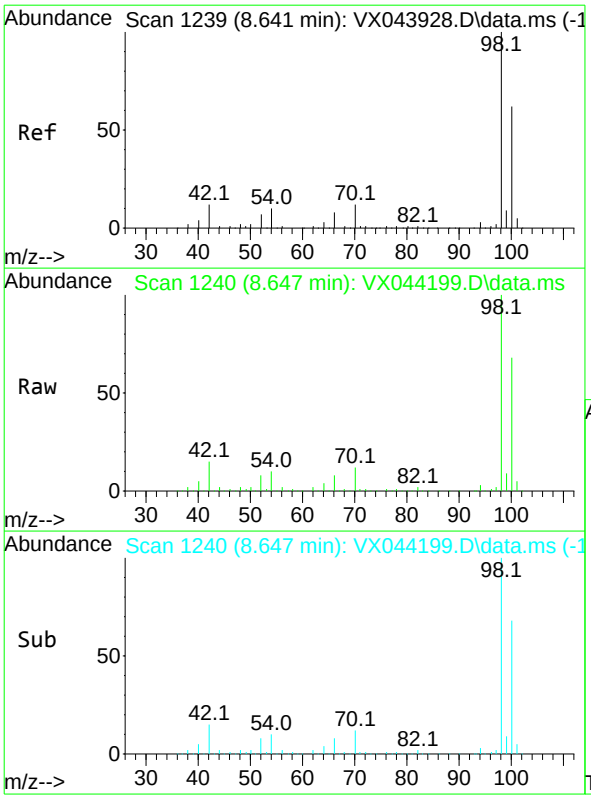


#35
Dibromofluoromethane
Concen: 46.401 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044199.D
Acq: 10 Dec 2024 11:35

Tgt Ion:113 Resp: 68829

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.0	121.4
192	17.3	13.0	19.6



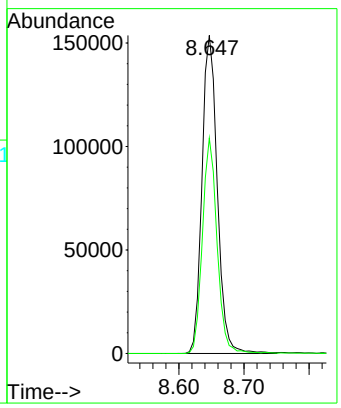


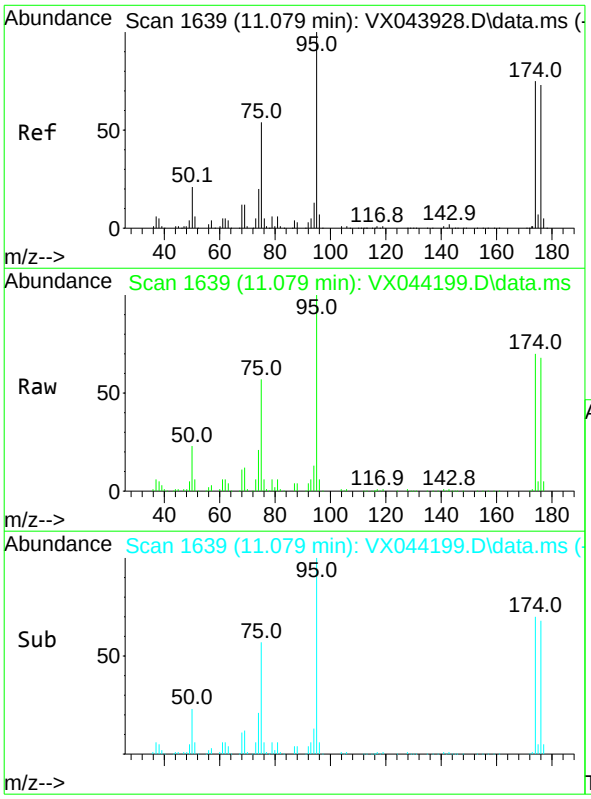
#50
Toluene-d8
Concen: 49.128 ug/l
RT: 8.647 min Scan# 12
Delta R.T. 0.006 min
Lab File: VX044199.D
Acq: 10 Dec 2024 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

Tgt Ion: 98 Resp: 251203

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.6	79.0

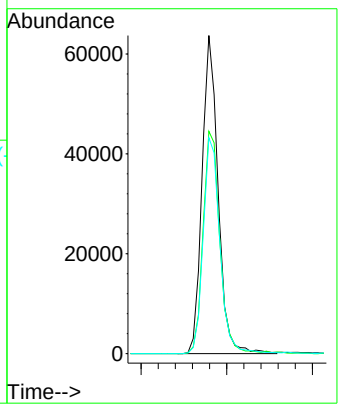


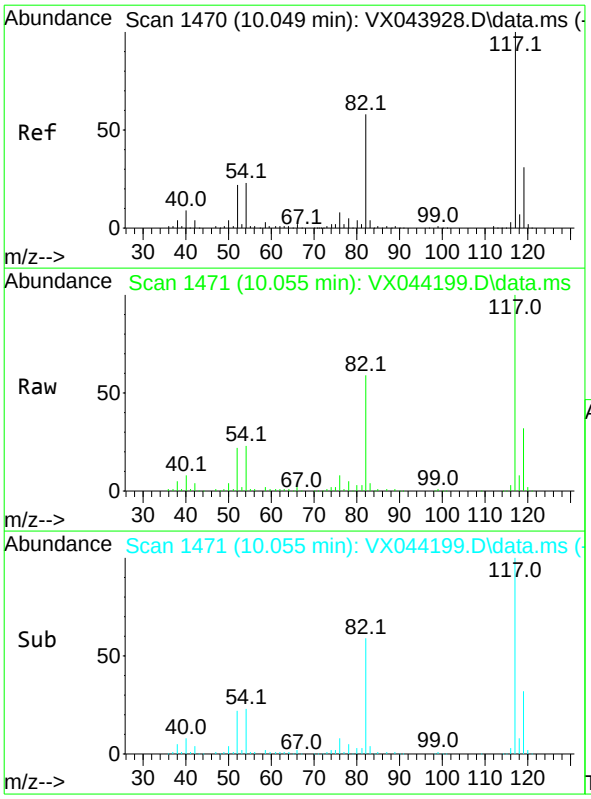


#62
4-Bromofluorobenzene
Concen: 47.543 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044199.D
Acq: 10 Dec 2024 11:35

Tgt Ion: 95 Resp: 82733

Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	150.4
176	70.6	0.0	146.0



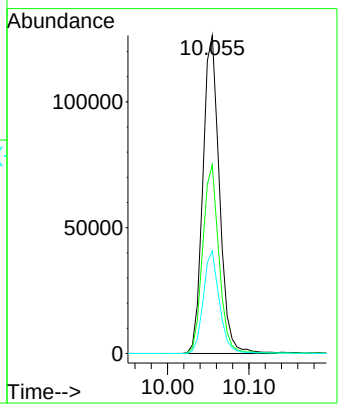


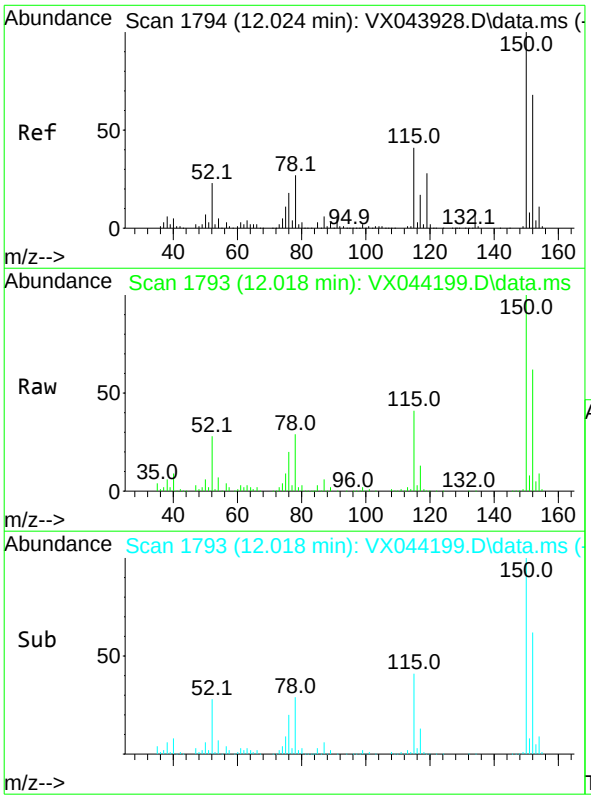
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX044199.D
Acq: 10 Dec 2024 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

Tgt Ion:117 Resp: 178508

Ion	Ratio	Lower	Upper
117	100		
82	59.3	46.4	69.6
119	32.2	24.6	37.0

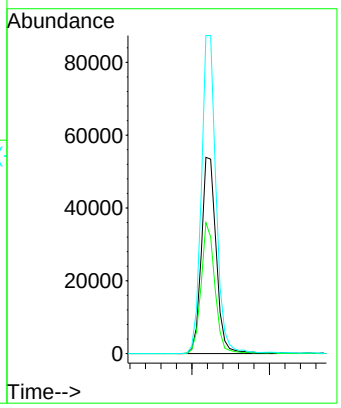




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX044199.D
Acq: 10 Dec 2024 11:35

Tgt Ion:152 Resp: 71476

Ion	Ratio	Lower	Upper
152	100		
115	62.7	45.4	136.2
150	160.5	0.0	353.0



Sample Results: **VX044199.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044199.D
Acq On : 10 Dec 2024 11:35
Operator : JC/MD
Sample : VX1210WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Title : SW846 8260

Signal : TIC: VX044199.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.624	68	88	93	rBV4	20395	114902	16.66%	3.133%
2	5.385	694	705	720	rBV	80982	239404	34.71%	6.527%
3	5.544	720	731	750	rVB	125415	369489	53.57%	10.074%
4	5.952	789	798	814	rBV3	93852	258444	37.47%	7.046%
5	6.757	921	930	947	rBV	207942	511228	74.12%	13.938%
6	8.647	1233	1240	1253	rBV	426957	689704	100.00%	18.804%
7	10.055	1465	1471	1481	rBV	412117	586989	85.11%	16.003%
8	11.079	1634	1639	1647	rBV	321723	418093	60.62%	11.399%
9	12.018	1788	1793	1804	rBV	376260	479656	69.55%	13.077%

Sum of corrected areas: 3667909

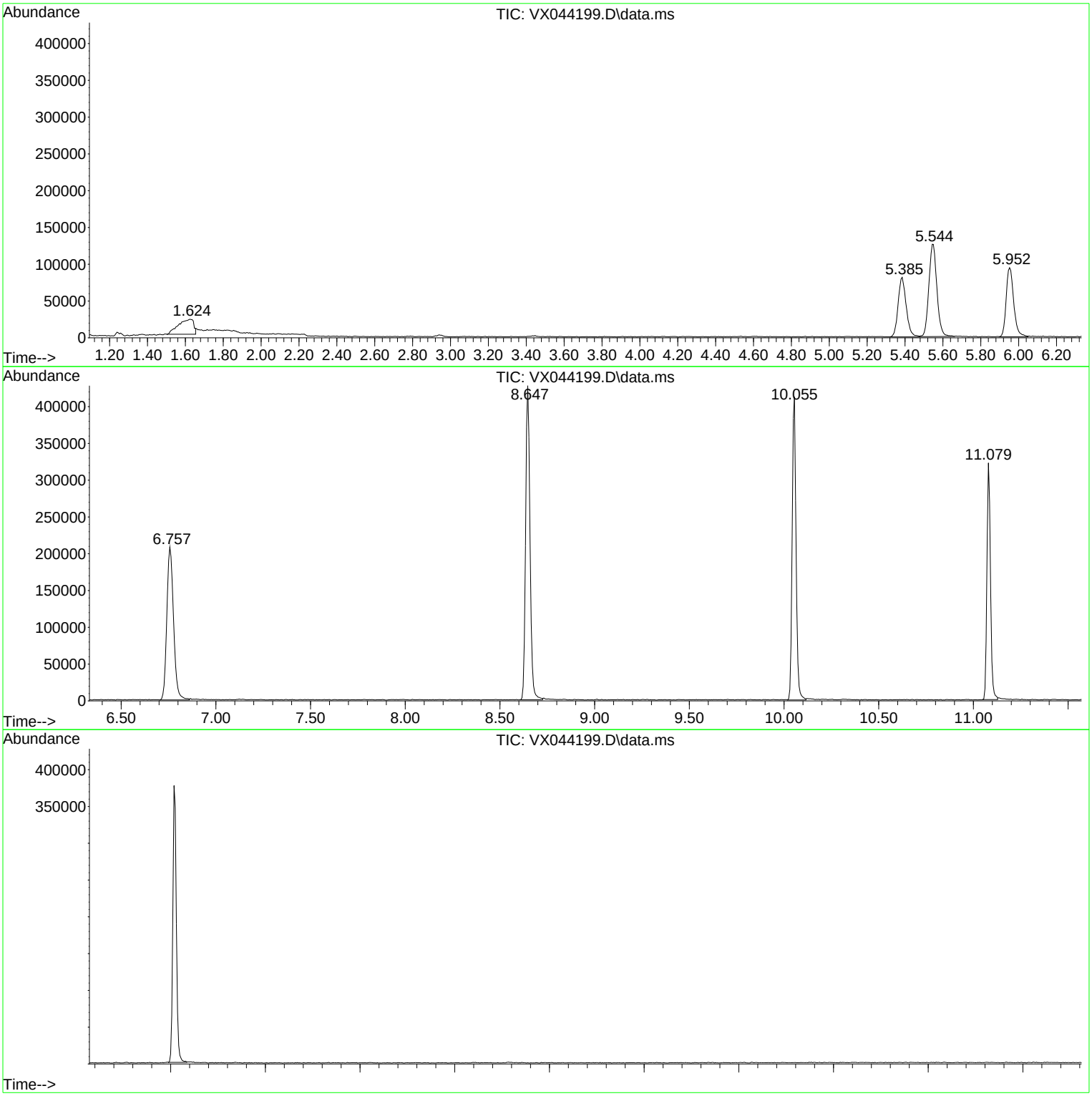
Sample Results: **VX044199.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044199.D
Acq On : 10 Dec 2024 11:35
Operator : JC/MD
Sample : VX1210WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Sample Results: **VX044199.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044199.D
Acq On : 10 Dec 2024 11:35
Operator : JC/MD
Sample : VX1210WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044199.D
Acq On : 10 Dec 2024 11:35
Operator : JC/MD
Sample : VX1210WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	VX1210WBS01	SDG No.:	P5246
Lab Sample ID:	VX1210WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044201.D	1		12/10/24 12:22	VX121024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	15.1		0.21	1.00	ug/L
74-87-3	Chloromethane	15.9		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	17.7		0.34	1.00	ug/L
74-83-9	Bromomethane	20.3		1.40	5.00	ug/L
75-00-3	Chloroethane	21.4		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.2		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.1		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	17.5		0.26	1.00	ug/L
67-64-1	Acetone	91.1		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	12.9		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.4		0.16	1.00	ug/L
79-20-9	Methyl Acetate	20.4		0.60	1.00	ug/L
75-09-2	Methylene Chloride	18.4		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.6		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.2		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.7		1.60	5.00	ug/L
78-93-3	2-Butanone	100		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.3		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.2		0.25	1.00	ug/L
74-97-5	Bromochloromethane	21.3		0.18	1.00	ug/L
67-66-3	Chloroform	20.1		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.2		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	16.8		0.19	1.00	ug/L
71-43-2	Benzene	19.0		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.2		0.24	1.00	ug/L
79-01-6	Trichloroethene	16.4		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.7		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	20.0		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.75	5.00	ug/L
108-88-3	Toluene	19.9		0.18	1.00	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	VX1210WBS01	SDG No.:	P5246
Lab Sample ID:	VX1210WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044201.D	1		12/10/24 12:22	VX121024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.8		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.8		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.2		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	18.8		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.6		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	19.9		0.25	1.00	ug/L
108-90-7	Chlorobenzene	19.6		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	20.0		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	40.3		0.31	2.00	ug/L
95-47-6	o-Xylene	20.3		0.14	1.00	ug/L
100-42-5	Styrene	20.2		0.16	1.00	ug/L
75-25-2	Bromoform	17.7		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	20.1		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.7		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.0		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.4		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.7		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.1		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.4		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.0		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.6		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	49.6		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.7		77 - 121	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	143000	5.544			
540-36-3	1,4-Difluorobenzene	255000	6.757			
3114-55-4	Chlorobenzene-d5	218000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	101000	12.024			

Raw Data: **VX044201.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	VX1210WBS01	SDG No.:	P5246
Lab Sample ID:	VX1210WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044201.D	1		12/10/24 12:22	VX121024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044201.D
Acq On : 10 Dec 2024 12:22
Operator : JC/MD
Sample : VX1210WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 11 01:28:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	143461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	255477	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	129362	52.573	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.140%			
35) Dibromofluoromethane	5.379	113	92918	50.900	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.800%			
50) Toluene-d8	8.647	98	311978	49.578	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.160%			
62) 4-Bromofluorobenzene	11.079	95	110798	51.736	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	27516	15.140	ug/l	99
3) Chloromethane	1.295	50	30484	15.939	ug/l	97
4) Vinyl Chloride	1.374	62	36016	17.705	ug/l	97
5) Bromomethane	1.593	94	25357	20.263	ug/l	99
6) Chloroethane	1.666	64	26478	21.362	ug/l	99
7) Trichlorofluoromethane	1.868	101	69776	19.186	ug/l	95
8) Diethyl Ether	2.130	74	26007	19.620	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.313	101	31317	18.052	ug/l	98
10) Methyl Iodide	2.441	142	40131	18.522	ug/l	97
11) Tert butyl alcohol	2.989	59	32534	82.375	ug/l	97
12) 1,1-Dichloroethene	2.307	96	29004	17.545	ug/l	99
13) Acrolein	2.240	56	29903	71.832	ug/l	98
14) Allyl chloride	2.654	41	47939	17.748	ug/l	96
15) Acrylonitrile	3.069	53	97496	101.298	ug/l	99
16) Acetone	2.386	43	102985	91.126	ug/l	100
17) Carbon Disulfide	2.502	76	43919	12.880	ug/l	99
18) Methyl Acetate	2.709	43	53732	20.416	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	122196	20.358	ug/l	97
20) Methylene Chloride	2.782	84	35205	18.357	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	30038	17.600	ug/l	98
22) Diisopropyl ether	3.764	45	114408	19.808	ug/l	92
23) Vinyl Acetate	3.721	43	487174	98.600	ug/l	99
24) 1,1-Dichloroethane	3.605	63	64095	19.236	ug/l	98
25) 2-Butanone	4.562	43	149041	102.207	ug/l	100
26) 2,2-Dichloropropane	4.471	77	54378	18.070	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	40454	19.176	ug/l	98
28) Bromochloromethane	4.898	49	31279	21.326	ug/l	98
29) Tetrahydrofuran	5.013	42	91295	102.121	ug/l	99
30) Chloroform	5.093	83	71902	20.063	ug/l	99
31) Cyclohexane	5.465	56	48485	17.680	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	62516	20.229	ug/l	99
36) 1,1-Dichloropropene	5.684	75	42707	18.774	ug/l	99
37) Ethyl Acetate	4.721	43	56223	19.911	ug/l	98
38) Carbon Tetrachloride	5.666	117	46733	18.283	ug/l	96
39) Methylcyclohexane	7.379	83	49682	16.811	ug/l	95
40) Benzene	6.032	78	134799	19.024	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044201.D
Acq On : 10 Dec 2024 12:22
Operator : JC/MD
Sample : VX1210WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 11 01:28:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.928	41	30829	21.331 ug/l		95
42) 1,2-Dichloroethane	6.086	62	57506	20.207 ug/l		99
43) Isopropyl Acetate	6.342	43	92107	20.496 ug/l		99
44) Trichloroethene	7.123	130	32850	16.377 ug/l		96
45) 1,2-Dichloropropane	7.434	63	34167	19.687 ug/l		94
46) Dibromomethane	7.580	93	27883	20.310 ug/l		99
47) Bromodichloromethane	7.818	83	49215	19.988 ug/l		98
48) Methyl methacrylate	7.696	41	43021	19.951 ug/l		99
49) 1,4-Dioxane	7.665	88	9854	256.541 ug/l	#	38
51) 4-Methyl-2-Pentanone	8.574	43	301689	110.009 ug/l		98
52) Toluene	8.720	92	84219	19.858 ug/l		99
53) t-1,3-Dichloropropene	8.976	75	47285	18.833 ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	51841	18.834 ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	35301	20.164 ug/l		98
56) Ethyl methacrylate	9.116	69	55856	20.483 ug/l		97
57) 1,3-Dichloropropane	9.305	76	60589	20.545 ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	123591	82.064 ug/l		97
59) 2-Hexanone	9.433	43	221552	107.484 ug/l		100
60) Dibromochloromethane	9.519	129	33007	18.791 ug/l		95
61) 1,2-Dibromoethane	9.610	107	36436	20.583 ug/l		99
64) Tetrachloroethene	9.275	164	28559	19.902 ug/l		97
65) Chlorobenzene	10.080	112	93648	19.593 ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	31344	20.220 ug/l		97
67) Ethyl Benzene	10.195	91	161984	20.000 ug/l		100
68) m/p-Xylenes	10.299	106	121841	40.339 ug/l		98
69) o-Xylene	10.640	106	59823	20.286 ug/l		98
70) Styrene	10.653	104	98764	20.249 ug/l		98
71) Bromoform	10.799	173	19230	17.726 ug/l	#	98
73) Isopropylbenzene	10.964	105	156270	20.063 ug/l		100
74) N-amyl acetate	10.842	43	72802	20.177 ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.214	83	55313	20.740 ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	45635m	20.537 ug/l		
77) Bromobenzene	11.195	156	36322	19.549 ug/l		99
78) n-propylbenzene	11.305	91	169125	19.442 ug/l		100
79) 2-Chlorotoluene	11.366	91	109815	19.964 ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	129646	20.232 ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	13258	16.281 ug/l		88
82) 4-Chlorotoluene	11.451	91	124570	20.059 ug/l		98
83) tert-Butylbenzene	11.713	119	130260	20.509 ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	133139	20.869 ug/l		98
85) sec-Butylbenzene	11.890	105	156966	20.171 ug/l		99
86) p-Isopropyltoluene	12.006	119	131174	20.752 ug/l		99
87) 1,3-Dichlorobenzene	11.970	146	64387	19.027 ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	66782	19.356 ug/l		98
89) n-Butylbenzene	12.335	91	108826	19.527 ug/l		98
90) Hexachloroethane	12.536	117	18615	17.319 ug/l		94
91) 1,2-Dichlorobenzene	12.335	146	67188	19.674 ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	10196	19.080 ug/l		96
93) 1,2,4-Trichlorobenzene	13.591	180	34977	17.372 ug/l		94
94) Hexachlorobutadiene	13.725	225	14782	18.576 ug/l		99
95) Naphthalene	13.774	128	143097	19.744 ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	38793	19.036 ug/l		99

Sample Results: **VX044201.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044201.D
Acq On : 10 Dec 2024 12:22
Operator : JC/MD
Sample : VX1210WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 11 01:28:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

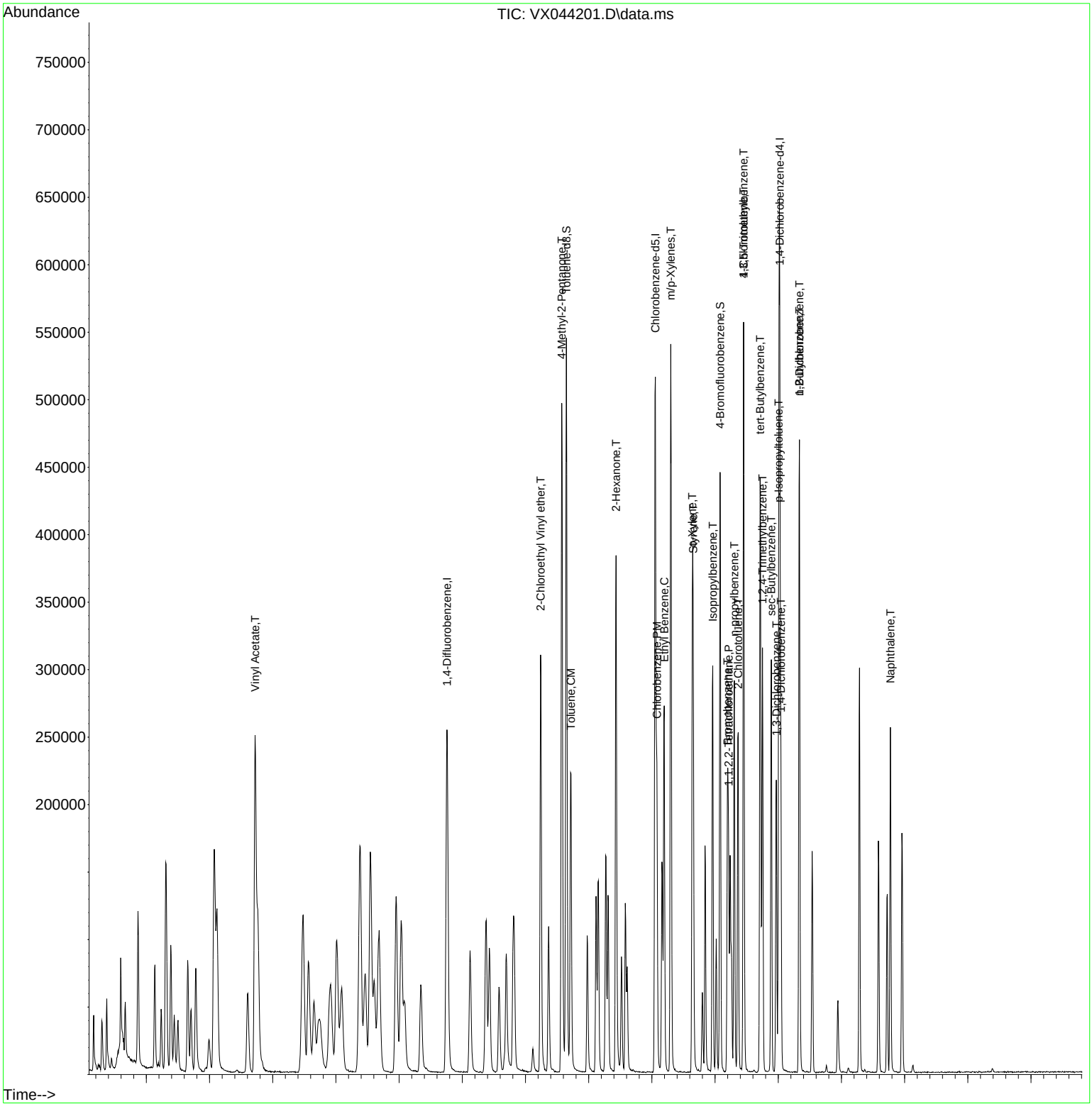
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044201.D
Acq On : 10 Dec 2024 12:22
Operator : JC/MD
Sample : VX1210WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 11 01:28:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	VX1210WBSD01	SDG No.:	P5246
Lab Sample ID:	VX1210WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044202.D	1		12/10/24 12:52	VX121024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	17.0		0.21	1.00	ug/L
74-87-3	Chloromethane	17.1		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	18.5		0.34	1.00	ug/L
74-83-9	Bromomethane	21.9		1.40	5.00	ug/L
75-00-3	Chloroethane	22.5		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	23.0		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.4		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.1		0.26	1.00	ug/L
67-64-1	Acetone	110		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	13.8		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	21.9		0.16	1.00	ug/L
79-20-9	Methyl Acetate	22.9		0.60	1.00	ug/L
75-09-2	Methylene Chloride	19.4		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	20.2		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.5		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.6		1.60	5.00	ug/L
78-93-3	2-Butanone	120		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	20.4		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.2		0.25	1.00	ug/L
74-97-5	Bromochloromethane	17.6		0.18	1.00	ug/L
67-66-3	Chloroform	21.5		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	21.6		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	20.1		0.19	1.00	ug/L
71-43-2	Benzene	21.0		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	23.1		0.24	1.00	ug/L
79-01-6	Trichloroethene	18.8		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	21.9		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	21.6		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	120		0.75	5.00	ug/L
108-88-3	Toluene	22.2		0.18	1.00	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	VX1210WBSD01	SDG No.:	P5246
Lab Sample ID:	VX1210WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044202.D	1		12/10/24 12:52	VX121024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	21.7		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.9		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	23.1		0.21	1.00	ug/L
591-78-6	2-Hexanone	130		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	20.7		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	22.8		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	20.8		0.25	1.00	ug/L
108-90-7	Chlorobenzene	20.7		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	21.5		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	42.8		0.31	2.00	ug/L
95-47-6	o-Xylene	21.7		0.14	1.00	ug/L
100-42-5	Styrene	21.5		0.16	1.00	ug/L
75-25-2	Bromoform	18.9		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	21.8		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	22.3		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	21.3		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	21.1		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	21.5		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.5		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.3		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	21.0		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.3		74 - 125	103%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	49.7		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.8		77 - 121	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	116000	5.544			
540-36-3	1,4-Difluorobenzene	202000	6.757			
3114-55-4	Chlorobenzene-d5	181000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	84400	12.024			

Raw Data: **VX044202.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	VX1210WBSD01	SDG No.:	P5246
Lab Sample ID:	VX1210WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044202.D	1		12/10/24 12:52	VX121024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Sample Results: **VX044202.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044202.D
Acq On : 10 Dec 2024 12:52
Operator : JC/MD
Sample : VX1210WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 11 01:30:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	115787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	202181	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101800	51.260	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.520%			
35) Dibromofluoromethane	5.379	113	73858	51.124	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.240%			
50) Toluene-d8	8.647	98	247708	49.741	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.480%			
62) 4-Bromofluorobenzene	11.079	95	91245	53.838	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	24877	16.960	ug/l	98
3) Chloromethane	1.294	50	26470	17.149	ug/l	98
4) Vinyl Chloride	1.374	62	30453	18.549	ug/l	98
5) Bromomethane	1.593	94	22136	21.917	ug/l	97
6) Chloroethane	1.660	64	22524	22.515	ug/l	98
7) Trichlorofluoromethane	1.868	101	67535	23.008	ug/l	98
8) Diethyl Ether	2.130	74	23834	22.278	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.313	101	28627	20.446	ug/l	99
10) Methyl Iodide	2.441	142	33391	19.095	ug/l	96
11) Tert butyl alcohol	2.995	59	25134	78.849	ug/l	96
12) 1,1-Dichloroethene	2.300	96	25440	19.068	ug/l	98
13) Acrolein	2.233	56	27685	82.399	ug/l	96
14) Allyl chloride	2.654	41	43455	19.933	ug/l	96
15) Acrylonitrile	3.069	53	88016	113.306	ug/l	98
16) Acetone	2.386	43	97721	107.135	ug/l	98
17) Carbon Disulfide	2.495	76	38043	13.823	ug/l	98
18) Methyl Acetate	2.703	43	48723	22.938	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	106166	21.915	ug/l	98
20) Methylene Chloride	2.782	84	30087	19.438	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	27805	20.185	ug/l	89
22) Diisopropyl ether	3.764	45	100921	21.649	ug/l	95
23) Vinyl Acetate	3.721	43	426634	106.985	ug/l	98
24) 1,1-Dichloroethane	3.599	63	55190	20.522	ug/l	97
25) 2-Butanone	4.568	43	137811	117.094	ug/l	99
26) 2,2-Dichloropropane	4.465	77	48918	20.141	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	34471	20.245	ug/l	96
28) Bromochloromethane	4.891	49	20865	17.626	ug/l	100
29) Tetrahydrofuran	5.013	42	82011	113.662	ug/l	99
30) Chloroform	5.086	83	62263	21.526	ug/l	95
31) Cyclohexane	5.464	56	43300	19.563	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	53900	21.609	ug/l	100
36) 1,1-Dichloropropene	5.690	75	37382	20.765	ug/l	98
37) Ethyl Acetate	4.721	43	52386	23.442	ug/l	98
38) Carbon Tetrachloride	5.672	117	41265	20.400	ug/l	100
39) Methylcyclohexane	7.373	83	46955	20.077	ug/l	98
40) Benzene	6.031	78	117731	20.995	ug/l	98

Sample Results: **VX044202.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044202.D
Acq On : 10 Dec 2024 12:52
Operator : JC/MD
Sample : VX1210WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 11 01:30:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.928	41	26414	23.094 ug/l #	95
42) 1,2-Dichloroethane	6.086	62	52091	23.129 ug/l	99
43) Isopropyl Acetate	6.342	43	80971	22.768 ug/l	100
44) Trichloroethene	7.117	130	29767	18.751 ug/l	88
45) 1,2-Dichloropropane	7.428	63	30031	21.865 ug/l	97
46) Dibromomethane	7.580	93	23788	21.895 ug/l	98
47) Bromodichloromethane	7.818	83	42150	21.632 ug/l	98
48) Methyl methacrylate	7.690	41	37855	22.183 ug/l	99
49) 1,4-Dioxane	7.665	88	11055	363.676 ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	269077	123.982 ug/l	97
52) Toluene	8.714	92	74598	22.226 ug/l	99
53) t-1,3-Dichloropropene	8.976	75	43040	21.660 ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	45606	20.937 ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	32040	23.125 ug/l	93
56) Ethyl methacrylate	9.116	69	49885	23.116 ug/l	98
57) 1,3-Dichloropropane	9.305	76	54457	23.333 ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	112902	94.784 ug/l	97
59) 2-Hexanone	9.433	43	204016	125.067 ug/l	98
60) Dibromochloromethane	9.519	129	28758	20.688 ug/l	98
61) 1,2-Dibromoethane	9.610	107	31965	22.817 ug/l	99
64) Tetrachloroethene	9.269	164	24930	20.836 ug/l	98
65) Chlorobenzene	10.079	112	82577	20.720 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	27081	20.952 ug/l	98
67) Ethyl Benzene	10.195	91	144945	21.463 ug/l	98
68) m/p-Xylenes	10.299	106	107890	42.841 ug/l	99
69) o-Xylene	10.640	106	53442	21.734 ug/l	94
70) Styrene	10.653	104	87244	21.452 ug/l	97
71) Bromoform	10.799	173	17198	18.902 ug/l #	100
73) Isopropylbenzene	10.963	105	141526	21.803 ug/l	99
74) N-amyl acetate	10.842	43	65715	21.854 ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	49580	22.307 ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	39777m	21.480 ug/l	
77) Bromobenzene	11.195	156	32789	21.175 ug/l	97
78) n-propylbenzene	11.305	91	159964	22.065 ug/l	97
79) 2-Chlorotoluene	11.366	91	100942	22.019 ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	120324	22.531 ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12229	18.020 ug/l	92
82) 4-Chlorotoluene	11.451	91	111642	21.571 ug/l	98
83) tert-Butylbenzene	11.713	119	115497	21.820 ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	119462	22.469 ug/l	99
85) sec-Butylbenzene	11.890	105	146100	22.528 ug/l	100
86) p-Isopropyltoluene	12.006	119	118456	22.486 ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	59948	21.256 ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	60568	21.065 ug/l	98
89) n-Butylbenzene	12.329	91	101541	21.862 ug/l	99
90) Hexachloroethane	12.536	117	16767	18.718 ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	61069	21.457 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9122	20.483 ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	34053	20.294 ug/l	97
94) Hexachlorobutadiene	13.725	225	13933	21.010 ug/l	97
95) Naphthalene	13.774	128	136796	22.648 ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	35694	21.017 ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044202.D
Acq On : 10 Dec 2024 12:52
Operator : JC/MD
Sample : VX1210WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024

Quant Time: Dec 11 01:30:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

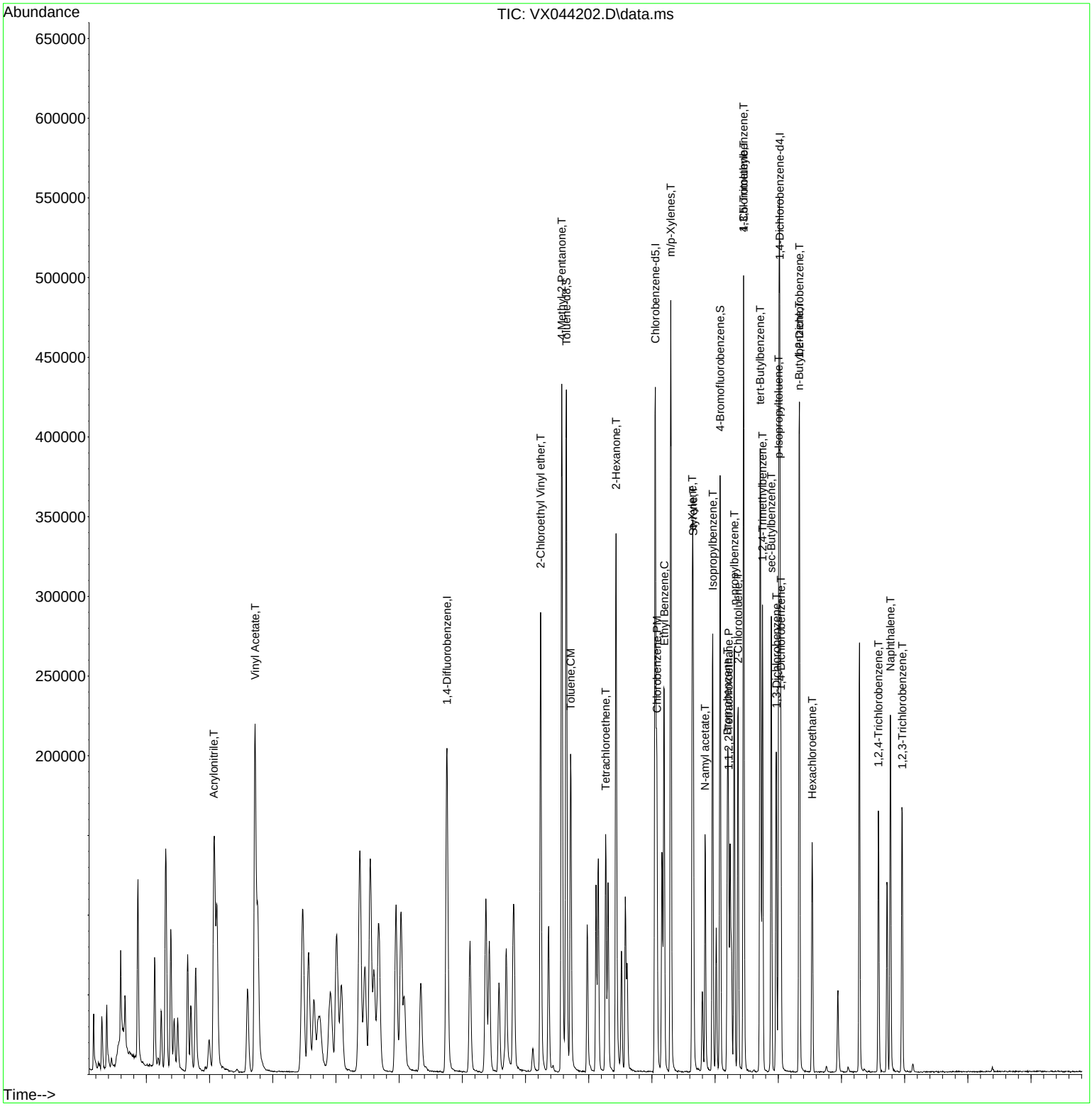
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044202.D
Acq On : 10 Dec 2024 12:52
Operator : JC/MD
Sample : VX1210WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 11 01:30:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	vx112124	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VX043923.D	1,2,3-Trichloropropane	JOHN	11/21/2024 9:44:34 AM	MMDadoda	11/22/2024 3:33:41 PM	Peak Integrated by Software
VSTDICV050	VX043923.D	1,4-Dioxane	JOHN	11/21/2024 9:44:34 AM	MMDadoda	11/22/2024 3:33:41 PM	Peak Integrated by Software
VSTDICC001	VX043925.D	1,2,3-Trichloropropane	JOHN	11/22/2024 9:57:01 AM	MMDadoda	11/22/2024 3:33:43 PM	Peak Integrated by Software
VSTDICC001	VX043925.D	1,4-Dichlorobenzene	JOHN	11/22/2024 9:57:01 AM	MMDadoda	11/22/2024 3:33:43 PM	Peak Integrated by Software
VSTDICC001	VX043925.D	Bromochloromethane	JOHN	11/22/2024 9:57:01 AM	MMDadoda	11/22/2024 3:33:43 PM	Peak Integrated by Software
VSTDICC001	VX043925.D	Ethyl Acetate	JOHN	11/22/2024 9:57:01 AM	MMDadoda	11/22/2024 3:33:43 PM	Peak Integrated by Software
VSTDICC001	VX043925.D	Methacrylonitrile	JOHN	11/22/2024 9:57:01 AM	MMDadoda	11/22/2024 3:33:43 PM	Peak Integrated by Software
VSTDICC001	VX043925.D	Methyl methacrylate	JOHN	11/22/2024 9:57:01 AM	MMDadoda	11/22/2024 3:33:43 PM	Peak Integrated by Software
VSTDICC005	VX043926.D	1,2,3-Trichloropropane	JOHN	11/22/2024 9:57:07 AM	MMDadoda	11/22/2024 3:33:44 PM	Peak Integrated by Software
VSTDICC005	VX043926.D	1,4-Dioxane	JOHN	11/22/2024 9:57:07 AM	MMDadoda	11/22/2024 3:33:44 PM	Peak Integrated by Software
VSTDICC005	VX043926.D	Ethyl Acetate	JOHN	11/22/2024 9:57:07 AM	MMDadoda	11/22/2024 3:33:44 PM	Peak Integrated by Software
VSTDICC005	VX043926.D	Tert butyl alcohol	JOHN	11/22/2024 9:57:07 AM	MMDadoda	11/22/2024 3:33:44 PM	Peak Integrated by Software
VSTDICC020	VX043927.D	1,2,3-Trichloropropane	JOHN	11/22/2024 9:57:12 AM	MMDadoda	11/22/2024 3:33:46 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vx112124	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC020	VX043927.D	1,4-Dioxane	JOHN	11/22/2024 9:57:12 AM	MMDadoda	11/22/2024 3:33:46 PM	Peak Integrated by Software
VSTDICCC050	VX043928.D	1,2,3-Trichloropropane	JOHN	11/22/2024 9:57:17 AM	MMDadoda	11/22/2024 3:33:47 PM	Peak Integrated by Software
VSTDICCC050	VX043928.D	1,4-Dioxane	JOHN	11/22/2024 9:57:17 AM	MMDadoda	11/22/2024 3:33:47 PM	Peak Integrated by Software
VSTDICC100	VX043929.D	1,2,3-Trichloropropane	JOHN	11/22/2024 9:57:21 AM	MMDadoda	11/22/2024 3:33:49 PM	Peak Integrated by Software
VSTDICC100	VX043929.D	1,4-Dioxane	JOHN	11/22/2024 9:57:21 AM	MMDadoda	11/22/2024 3:33:49 PM	Peak Integrated by Software
VSTDICC150	VX043930.D	1,2,3-Trichloropropane	JOHN	11/22/2024 9:57:26 AM	MMDadoda	11/22/2024 3:33:50 PM	Peak Integrated by Software
VSTDICV050	VX043932.D	1,2,3-Trichloropropane	JOHN	11/22/2024 9:57:30 AM	MMDadoda	11/22/2024 3:33:52 PM	Peak Integrated by Software
VSTDCCC050	VX043948.D	1,2,3-Trichloropropane	MMDadoda	11/29/2024 8:03:03 AM	SAM	11/29/2024 8:03:34 AM	Peak Integrated by Software
VSTDCCC050	VX043948.D	2-Chloroethyl Vinyl ether	MMDadoda	11/29/2024 8:03:03 AM	SAM	11/29/2024 8:03:34 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX121024	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX044197.D	1,2,3-Trichloropropane	JOHN	12/11/2024 10:09:47 AM	MMDadoda	12/11/2024 1:15:31 PM	Peak Integrated by Software
VX1210WBS01	VX044201.D	1,2,3-Trichloropropane	JOHN	12/11/2024 10:09:52 AM	MMDadoda	12/11/2024 1:15:32 PM	Peak Integrated by Software
VX1210WBSD01	VX044202.D	1,2,3-Trichloropropane	JOHN	12/11/2024 10:09:56 AM	MMDadoda	12/11/2024 1:15:13 PM	Peak Integrated by Software
VSTDCCC050	VX044217.D	1,2,3-Trichloropropane	JOHN	12/11/2024 10:10:56 AM	MMDadoda	12/11/2024 1:15:15 PM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX112124

Review By	John Carlone	Review On	11/21/2024 9:44:50 AM		
Supervise By	Mahesh Dadoda	Supervise On	11/22/2024 3:34:00 PM		
SubDirectory	VX112124	HP Acquire Method		HP Processing Method	82X112124W.M

STD. NAME	STD REF.#
Tune/Reschk	VP131686,VP131690
Initial Calibration Stds	VP131716,VP131717,VP131718,VP131719,VP131720,VP131721
CCC	VP131691
Internal Standard/PEM	
ICV/I.BLK	VP131722
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX043915.D	20 Nov 2024 15:43	JC/MD	Not Ok
2	VSTDICC001	VX043916.D	20 Nov 2024 16:11	JC/MD	Not Ok
3	VSTDICC005	VX043917.D	20 Nov 2024 16:57	JC/MD	Not Ok
4	VSTDICC020	VX043918.D	20 Nov 2024 17:20	JC/MD	Not Ok
5	VSTDICCC050	VX043919.D	20 Nov 2024 17:43	JC/MD	Not Ok
6	VSTDICC100	VX043920.D	20 Nov 2024 18:06	JC/MD	Not Ok
7	VSTDICC150	VX043921.D	20 Nov 2024 18:30	JC/MD	Not Ok
8	IBLK	VX043922.D	20 Nov 2024 18:53	JC/MD	Not Ok
9	VSTDICV050	VX043923.D	20 Nov 2024 19:16	JC/MD	Not Ok
10	BFB	VX043924.D	21 Nov 2024 08:51	JC/MD	Ok
11	VSTDICC001	VX043925.D	21 Nov 2024 09:47	JC/MD	Ok,M
12	VSTDICC005	VX043926.D	21 Nov 2024 10:14	JC/MD	Ok,M
13	VSTDICC020	VX043927.D	21 Nov 2024 10:37	JC/MD	Ok,M
14	VSTDICCC050	VX043928.D	21 Nov 2024 11:17	JC/MD	Ok,M
15	VSTDICC100	VX043929.D	21 Nov 2024 11:40	JC/MD	Ok,M
16	VSTDICC150	VX043930.D	21 Nov 2024 12:03	JC/MD	Ok,M
17	IBLK	VX043931.D	21 Nov 2024 12:27	JC/MD	Ok
18	VSTDICV050	VX043932.D	21 Nov 2024 13:57	JC/MD	Ok,M
19	VX1121MBL01	VX043933.D	21 Nov 2024 14:27	JC/MD	Ok
20	VX1121WBL01	VX043934.D	21 Nov 2024 14:50	JC/MD	Ok
21	VX1121WBS01	VX043935.D	21 Nov 2024 15:13	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX112124

Review By	John Carlone	Review On	11/21/2024 9:44:50 AM		
Supervise By	Mahesh Dadoda	Supervise On	11/22/2024 3:34:00 PM		
SubDirectory	VX112124	HP Acquire Method		HP Processing Method	82X112124W.M

STD. NAME	STD REF.#
Tune/Reschk	VP131686,VP131690
Initial Calibration Stds	VP131716,VP131717,VP131718,VP131719,VP131720,VP131721
CCC	VP131691
Internal Standard/PEM	
ICV/I.BLK	VP131722
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VX1121WBSD01	VX043936.D	21 Nov 2024 15:40	JC/MD	Ok,M
23	P4921-01	VX043937.D	21 Nov 2024 16:03	JC/MD	Ok
24	P4934-01	VX043938.D	21 Nov 2024 16:27	JC/MD	Ok
25	P4934-09	VX043939.D	21 Nov 2024 16:50	JC/MD	Ok
26	P4934-11	VX043940.D	21 Nov 2024 17:13	JC/MD	Ok
27	P4934-02	VX043941.D	21 Nov 2024 17:36	JC/MD	Ok
28	P4934-03	VX043942.D	21 Nov 2024 17:59	JC/MD	Ok
29	P4934-08	VX043943.D	21 Nov 2024 18:23	JC/MD	Ok
30	P4934-10	VX043944.D	21 Nov 2024 18:46	JC/MD	Ok
31	P4934-04	VX043945.D	21 Nov 2024 19:09	JC/MD	Ok
32	P4934-12	VX043946.D	21 Nov 2024 19:32	JC/MD	Ok
33	P4934-05	VX043947.D	21 Nov 2024 19:55	JC/MD	Ok
34	VSTDCCC050	VX043948.D	21 Nov 2024 20:18	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX121024

Review By	John Carlone	Review On	12/11/2024 10:16:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/11/2024 1:15:19 PM		
SubDirectory	VX121024	HP Acquire Method		HP Processing Method	82X112124W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132045
Initial Calibration Stds	
CCC	VP132046,VP132047
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX044196.D	10 Dec 2024 09:01	JC/MD	Ok
2	VSTDCCC050	VX044197.D	10 Dec 2024 10:43	JC/MD	Ok,M
3	VX1210MBL01	VX044198.D	10 Dec 2024 11:12	JC/MD	Ok
4	VX1210WBL01	VX044199.D	10 Dec 2024 11:35	JC/MD	Ok
5	P5164-05	VX044200.D	10 Dec 2024 11:59	JC/MD	Ok
6	VX1210WBS01	VX044201.D	10 Dec 2024 12:22	JC/MD	Ok,M
7	VX1210WBSD01	VX044202.D	10 Dec 2024 12:52	JC/MD	Ok,M
8	IBLK	VX044203.D	10 Dec 2024 13:15	JC/MD	Ok
9	P5193-01	VX044204.D	10 Dec 2024 13:39	JC/MD	Ok
10	P5193-02	VX044205.D	10 Dec 2024 14:02	JC/MD	Ok
11	P5193-03	VX044206.D	10 Dec 2024 14:26	JC/MD	Ok
12	P5193-04	VX044207.D	10 Dec 2024 14:49	JC/MD	Ok
13	P5224-01	VX044208.D	10 Dec 2024 15:13	JC/MD	Ok
14	P5220-03	VX044209.D	10 Dec 2024 15:36	JC/MD	Not Ok
15	P5243-01	VX044210.D	10 Dec 2024 16:00	JC/MD	Ok
16	P5243-02	VX044211.D	10 Dec 2024 16:23	JC/MD	Ok
17	IBLK	VX044212.D	10 Dec 2024 16:47	JC/MD	Ok
18	IBLK	VX044213.D	10 Dec 2024 17:10	JC/MD	Ok
19	P5246-02	VX044214.D	10 Dec 2024 17:33	JC/MD	Ok
20	P5246-01	VX044215.D	10 Dec 2024 17:57	JC/MD	Ok
21	P5220-03	VX044216.D	10 Dec 2024 18:20	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX121024

Review By	John Carlone	Review On	12/11/2024 10:16:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/11/2024 1:15:19 PM		
SubDirectory	VX121024	HP Acquire Method		HP Processing Method	82X112124W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132045
Initial Calibration Stds	
CCC	VP132046,VP132047
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDCCC050	VX044217.D	10 Dec 2024 18:44	JC/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX112124

Review By	John Carlone	Review On	11/21/2024 9:44:50 AM		
Supervise By	Mahesh Dadoda	Supervise On	11/22/2024 3:34:00 PM		
SubDirectory	VX112124	HP Acquire Method		HP Processing Method	82X112124W.M

STD. NAME	STD REF.#
Tune/Reschk	VP131686,VP131690
Initial Calibration Stds	VP131716,VP131717,VP131718,VP131719,VP131720,VP131721
CCC	VP131691
Internal Standard/PEM	
ICV/I.BLK	VP131722
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX043915.D	20 Nov 2024 15:43		JC/MD	Not Ok
2	VSTDICC001	VSTDICC001	VX043916.D	20 Nov 2024 16:11	%D failed for Comp. #71,74,90,92 in 01 PPB	JC/MD	Not Ok
3	VSTDICC005	VSTDICC005	VX043917.D	20 Nov 2024 16:57	%D failed for Comp. #81 in 05 PPB	JC/MD	Not Ok
4	VSTDICC020	VSTDICC020	VX043918.D	20 Nov 2024 17:20		JC/MD	Not Ok
5	VSTDICCC050	VSTDICC050	VX043919.D	20 Nov 2024 17:43		JC/MD	Not Ok
6	VSTDICC100	VSTDICC100	VX043920.D	20 Nov 2024 18:06		JC/MD	Not Ok
7	VSTDICC150	VSTDICC150	VX043921.D	20 Nov 2024 18:30		JC/MD	Not Ok
8	IBLK	IBLK	VX043922.D	20 Nov 2024 18:53		JC/MD	Not Ok
9	VSTDICV050	ICVVX112124	VX043923.D	20 Nov 2024 19:16	Failed	JC/MD	Not Ok
10	BFB	BFB	VX043924.D	21 Nov 2024 08:51		JC/MD	Ok
11	VSTDICC001	VSTDICC001	VX043925.D	21 Nov 2024 09:47	%D failed for Comp. #71 in 01 PPB	JC/MD	Ok,M
12	VSTDICC005	VSTDICC005	VX043926.D	21 Nov 2024 10:14	QR- 58,71	JC/MD	Ok,M
13	VSTDICC020	VSTDICC020	VX043927.D	21 Nov 2024 10:37		JC/MD	Ok,M
14	VSTDICCC050	VSTDICCC050	VX043928.D	21 Nov 2024 11:17		JC/MD	Ok,M
15	VSTDICC100	VSTDICC100	VX043929.D	21 Nov 2024 11:40		JC/MD	Ok,M
16	VSTDICC150	VSTDICC150	VX043930.D	21 Nov 2024 12:03		JC/MD	Ok,M
17	IBLK	IBLK	VX043931.D	21 Nov 2024 12:27		JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX112124

Review By	John Carlone	Review On	11/21/2024 9:44:50 AM		
Supervise By	Mahesh Dadoda	Supervise On	11/22/2024 3:34:00 PM		
SubDirectory	VX112124	HP Acquire Method		HP Processing Method	82X112124W.M

STD. NAME	STD REF.#
Tune/Reschk	VP131686,VP131690
Initial Calibration Stds	VP131716,VP131717,VP131718,VP131719,VP131720,VP131721
CCC	VP131691
Internal Standard/PEM	
ICV/I.BLK	VP131722
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	VSTDICV050	ICVVX112124	VX043932.D	21 Nov 2024 13:57		JC/MD	Ok,M
19	VX1121MBL01	VX1121MBL01	VX043933.D	21 Nov 2024 14:27		JC/MD	Ok
20	VX1121WBL01	VX1121WBL01	VX043934.D	21 Nov 2024 14:50		JC/MD	Ok
21	VX1121WBS01	VX1121WBS01	VX043935.D	21 Nov 2024 15:13		JC/MD	Ok,M
22	VX1121WBSD01	VX1121WBSD01	VX043936.D	21 Nov 2024 15:40		JC/MD	Ok,M
23	P4921-01	WC-11-A-202411	VX043937.D	21 Nov 2024 16:03	vial B pH#5.0	JC/MD	Ok
24	P4934-01	TB01-20241118	VX043938.D	21 Nov 2024 16:27	vial A pH<2 TB;	JC/MD	Ok
25	P4934-09	FB01-20241119	VX043939.D	21 Nov 2024 16:50	vial A pH<2 FB;	JC/MD	Ok
26	P4934-11	RB01-20241119	VX043940.D	21 Nov 2024 17:13	vial A pH<2	JC/MD	Ok
27	P4934-02	BPOW6-11-20241118	VX043941.D	21 Nov 2024 17:36	vial A pH<2	JC/MD	Ok
28	P4934-03	BPOW6-7-20241118	VX043942.D	21 Nov 2024 17:59	vial A pH<2	JC/MD	Ok
29	P4934-08	BPOW6-9-20241119	VX043943.D	21 Nov 2024 18:23	vial A pH<2	JC/MD	Ok
30	P4934-10	BPOW6-8-20241119	VX043944.D	21 Nov 2024 18:46	vial A pH<2	JC/MD	Ok
31	P4934-04	DUP01-20241118	VX043945.D	21 Nov 2024 19:09	vial A pH<2	JC/MD	Ok
32	P4934-12	DUP02-20241119	VX043946.D	21 Nov 2024 19:32	vial A pH<2	JC/MD	Ok
33	P4934-05	BPOW6-10-20241119	VX043947.D	21 Nov 2024 19:55	vial A pH<2	JC/MD	Ok
34	VSTDCCC050	VSTDCCC050EC	VX043948.D	21 Nov 2024 20:18		JC/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX121024

Review By	John Carlone	Review On	12/11/2024 10:16:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/11/2024 1:15:19 PM		
SubDirectory	VX121024	HP Acquire Method		HP Processing Method	82X112124W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132045
Initial Calibration Stds	
CCC	VP132046,VP132047
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX044196.D	10 Dec 2024 09:01		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX044197.D	10 Dec 2024 10:43	V13516	JC/MD	Ok,M
3	VX1210MBL01	VX1210MBL01	VX044198.D	10 Dec 2024 11:12		JC/MD	Ok
4	VX1210WBL01	VX1210WBL01	VX044199.D	10 Dec 2024 11:35		JC/MD	Ok
5	P5164-05	TB	VX044200.D	10 Dec 2024 11:59	vial B pH<2 TB	JC/MD	Ok
6	VX1210WBS01	VX1210WBS01	VX044201.D	10 Dec 2024 12:22		JC/MD	Ok,M
7	VX1210WBSD01	VX1210WBSD01	VX044202.D	10 Dec 2024 12:52	BSD high for com#52	JC/MD	Ok,M
8	IBLK	IBLK	VX044203.D	10 Dec 2024 13:15		JC/MD	Ok
9	P5193-01	Storage-Blank-SOIL-RE	VX044204.D	10 Dec 2024 13:39	vial A pH<2	JC/MD	Ok
10	P5193-02	Storage-Blank-WATER-	VX044205.D	10 Dec 2024 14:02	vial A pH<2	JC/MD	Ok
11	P5193-03	Storage-Blank-WATER-	VX044206.D	10 Dec 2024 14:26	vial A pH<2	JC/MD	Ok
12	P5193-04	Storage-Blank-SAMPLE	VX044207.D	10 Dec 2024 14:49	vial A pH<2	JC/MD	Ok
13	P5224-01	NP-WS-001	VX044208.D	10 Dec 2024 15:13	vial A pH<2	JC/MD	Ok
14	P5220-03	GAS-AUD-1610-1611-1	VX044209.D	10 Dec 2024 15:36	Run @ lower dilution	JC/MD	Not Ok
15	P5243-01	1203	VX044210.D	10 Dec 2024 16:00	vial A pH<2	JC/MD	Ok
16	P5243-02	1127-COMP	VX044211.D	10 Dec 2024 16:23	vial A pH<2	JC/MD	Ok
17	IBLK	IBLK	VX044212.D	10 Dec 2024 16:47		JC/MD	Ok
18	IBLK	IBLK	VX044213.D	10 Dec 2024 17:10		JC/MD	Ok

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX121024

Review By	John Carlone	Review On	12/11/2024 10:16:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/11/2024 1:15:19 PM		
SubDirectory	VX121024	HP Acquire Method		HP Processing Method	82X112124W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132045
Initial Calibration Stds	
CCC	VP132046,VP132047
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	P5246-02	TB-20241209	VX044214.D	10 Dec 2024 17:33	vial A pH<2 TB	JC/MD	Ok
20	P5246-01	MW7-20241209	VX044215.D	10 Dec 2024 17:57	vial A pH<2	JC/MD	Ok
21	P5220-03	GAS-AUD-1610-1611-1	VX044216.D	10 Dec 2024 18:20	vial A pH<2	JC/MD	Ok
22	VSTDCCC050	VSTDCCC050EC	VX044217.D	10 Dec 2024 18:44		JC/MD	Ok,M

M : Manual Integration

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. P5246
COC Number 2046249

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Parsons
ADDRESS: 301 Plainfield Rd.
CITY Syracuse STATE: NY ZIP: 13212
ATTENTION: Stephen Liberatore
PHONE: 315-418-8767 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Con Ed Atlantic Ave.
PROJECT NO.: 453957 LOCATION: Brooklyn, NY
PROJECT MANAGER: Stephen Liberatore
e-mail: stephen.liberatore@parsons.com
PHONE: 315-418-8767 FAX:

CLIENT BILLING INFORMATION

BILL TO: Parsons PO#:
ADDRESS: 301 Plainfield Rd.
CITY Syracuse STATE: NY ZIP: 13212
ATTENTION: Stephen L. PHONE: 315-418-8767

DATA TURNAROUND INFORMATION

FAX (RUSH) Standard DAYS*
HARDCOPY (DATA PACKAGE): Standard DAYS*
EDD: Standard DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced ☐ US EPA CLP
- ☐ NYS ASP A ☐ NYS ASP B
- ☐ Other
- ☐ EDD FORMAT

ANALYSIS

1: VOC+TICs 2 3: Sulfate TDS 4 5 6 7 8 9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	MW7-20241209	GW		X	12-9-24	1216	4	X	X	X							
2.	Trip Blank	W		X	12-6-24		2	X									
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Bill Chaky	12-09-24 15:10	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.2 °C
Comments: IR Gun

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P5246 PARS02
Client Name : PARSONS Main of New Yc
Client Contact : Stephen Liberatore
Invoice Name : PARSONS Main of New Yc
Invoice Contact : Stephen Liberatore

Order Date : 12/10/2024 3:15:00 PM
Project Name : Con Edison Non-MGP - Atl
Receive DateTime : 12/10/2024 3:10:00 PM
Purchase Order :

Project Mgr :
Report Type : Results Only
EDD Type : Excel NY
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P5246-01	MW7-20241209	Water	12/09/2024	12:16					
					VOCMS Group1		8260-Low		10 Bus. Days
P5246-02	TRIP-BLANK	Water	12/09/2024	00:00					
					VOCMS Group1		8260-Low		10 Bus. Days

Relinguished By :
Date / Time : 12-10-24 1527

Received By :
Date / Time : 12/10/24 15:27 Next 4

Storage Area : VOA Refridgerator Room