284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

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:	P4442	**OrderDate:**	10/18/2024 10:35:00 AM
Client:	Chemtech Consulting Group	**Project:**	Weekly Storage Blanks
Contact:	QA Officer	**Location:**	K11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4442-01	**Storage-Blank-SOIL-REF-6**	**Water**			**10/18/24**			**10/18/24**
			VOC- Chemtech Full	8260-Low			10/23/24	
P4442-02	**Storage-Blank-WATER-REF-5**	**Water**			**10/18/24**			**10/18/24**
			VOC- Chemtech Full	8260-Low			10/23/24	
P4442-03	**Storage-Blank-WATER-REF-4**	**Water**			**10/18/24**			**10/18/24**
			VOC- Chemtech Full	8260-Low			10/23/24	
P4442-04	**Storage-Blank-SAMPLE-MANAGEMENT**	**Water**			**10/18/24**			**10/18/24**
			VOC- Chemtech Full	8260-Low			10/23/24	

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Hit Summary Sheet
SW-846

SDG No.: P4442

Client: Chemtech Consulting Group

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID:

0

Total Voc :

Total Concentration:

QC SUMMARY

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Surrogate Summary

SDG No.: P4442

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
P4442-01	Storage-Blank-SOIL-REF-6	1,2-Dichloroethane-d4	50	43.3	87	74	125
		Dibromofluoromethane	50	47.6	95	75	124
		Toluene-d8	50	48.3	97	86	113
		4-Bromofluorobenzene	50	43.0	86	77	121
P4442-02	Storage-Blank-WATER-REF-5	1,2-Dichloroethane-d4	50	42.1	84	74	125
		Dibromofluoromethane	50	46.0	92	75	124
		Toluene-d8	50	47.9	96	86	113
		4-Bromofluorobenzene	50	42.0	84	77	121
P4442-03	Storage-Blank-WATER-REF-4	1,2-Dichloroethane-d4	50	41.0	82	74	125
		Dibromofluoromethane	50	46.8	94	75	124
		Toluene-d8	50	49.1	98	86	113
		4-Bromofluorobenzene	50	41.9	84	77	121
P4442-04	Storage-Blank-SAMPLE-MANAGEME	1,2-Dichloroethane-d4	50	41.1	82	74	125
		Dibromofluoromethane	50	47.2	94	75	124
		Toluene-d8	50	49.5	99	86	113
		4-Bromofluorobenzene	50	40.9	82	77	121
VX1023WBL01	VX1023WBL01	1,2-Dichloroethane-d4	50	41.3	83	74	125
		Dibromofluoromethane	50	45.6	91	75	124
		Toluene-d8	50	48.7	97	86	113
		4-Bromofluorobenzene	50	41.5	83	77	121
VX1023WBS01	VX1023WBS01	1,2-Dichloroethane-d4	50	49.0	98	74	125
		Dibromofluoromethane	50	48.3	97	75	124
		Toluene-d8	50	49.5	99	86	113
		4-Bromofluorobenzene	50	47.5	95	77	121
VX1023WBSD0	VX1023WBSD01	1,2-Dichloroethane-d4	50	50.8	102	74	125
		Dibromofluoromethane	50	50.6	101	75	124
		Toluene-d8	50	49.5	99	86	113
		4-Bromofluorobenzene	50	47.3	95	77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4442

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low **Datafile :** VX043490.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1023WBS01	Dichlorodifluoromethane	20	17.8	ug/L	89			69	116	
	Chloromethane	20	17.5	ug/L	88			65	116	
	Vinyl chloride	20	18.5	ug/L	93			65	117	
	Ethyl Acetate	20	18.4	ug/L	92			75	115	
	Bromomethane	20	19.3	ug/L	97			58	125	
	Chloroethane	20	24.1	ug/L	121			56	128	
	Trichlorofluoromethane	20	18.7	ug/L	94			73	115	
	1,1,2-Trichlorotrifluoroethane	20	19.2	ug/L	96			80	112	
	Tert butyl alcohol	100	130	ug/L	130		*	73	124	
	1,1-Dichloroethene	20	19.2	ug/L	96			74	110	
	Acrolein	100	98.0	ug/L	98			51	143	
	Acrylonitrile	100	110	ug/L	110			73	113	
	Acetone	100	98.1	ug/L	98			60	125	
	Carbon disulfide	20	18.8	ug/L	94			64	112	
	Methyl tert-butyl Ether	20	19.5	ug/L	98			78	114	
	Methyl Acetate	20	18.7	ug/L	94			67	125	
	Methylene Chloride	20	18.9	ug/L	95			72	114	
	trans-1,2-Dichloroethene	20	18.1	ug/L	91			75	108	
	Vinyl Acetate	100	98.6	ug/L	99			76	115	
	1,1-Dichloroethane	20	18.9	ug/L	95			78	112	
	Cyclohexane	20	18.8	ug/L	94			75	110	
	2-Butanone	100	110	ug/L	110			65	122	
	Carbon Tetrachloride	20	18.7	ug/L	94			77	113	
	2,2-Dichloropropane	20	17.4	ug/L	87			75	116	
	cis-1,2-Dichloroethene	20	18.6	ug/L	93			77	110	
	Bromochloromethane	20	19.2	ug/L	96			70	124	
	Chloroform	20	18.2	ug/L	91			79	113	
	1,1,1-Trichloroethane	20	18.8	ug/L	94			80	108	
	Methylcyclohexane	20	18.0	ug/L	90			72	115	
	1,1-Dichloropropene	20	18.0	ug/L	90			79	110	
	Benzene	20	18.4	ug/L	92			82	109	
	1,2-Dichloroethane	20	19.3	ug/L	97			80	115	
	Trichloroethene	20	17.7	ug/L	89			77	113	
	1,2-Dichloropropane	20	20.0	ug/L	100			83	111	
	Dibromomethane	20	19.3	ug/L	97			82	110	
	Bromodichloromethane	20	18.4	ug/L	92			83	110	
	4-Methyl-2-Pentanone	100	100	ug/L	100			74	118	
	Toluene	20	19.2	ug/L	96			82	110	
	t-1,3-Dichloropropene	20	18.3	ug/L	92			79	110	
	cis-1,3-Dichloropropene	20	19.5	ug/L	98			82	110	
	1,1,2-Trichloroethane	20	19.7	ug/L	99			83	112	
	1,3-Dichloropropane	20	19.3	ug/L	97			83	111	
	2-Chloroethyl vinyl ether	100	97.1	ug/L	97			75	124	
	2-Hexanone	100	110	ug/L	110			73	117	
	Dibromochloromethane	20	19.5	ug/L	98			82	110	
	1,2-Dibromoethane	20	19.8	ug/L	99			81	110	
	Tetrachloroethene	20	18.1	ug/L	91			67	123	
	Chlorobenzene	20	18.2	ug/L	91			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4442

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low **Datafile :** VX043490.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1023WBS01	1,1,1,2-Tetrachloroethane	20	19.5	ug/L	98			84	111	
	Hexachloroethane	20	17.6	ug/L	88			80	113	
	Ethyl Benzene	20	18.9	ug/L	95			83	109	
	m/p-Xylenes	40	37.6	ug/L	94			82	110	
	o-Xylene	20	18.7	ug/L	94			83	109	
	Styrene	20	19.0	ug/L	95			80	111	
	Bromoform	20	17.7	ug/L	89			79	109	
	Isopropylbenzene	20	19.8	ug/L	99			83	112	
	1,1,2,2-Tetrachloroethane	20	19.0	ug/L	95			76	118	
	1,2,3-Trichloropropane	20	18.2	ug/L	91			75	112	
	Bromobenzene	20	19.5	ug/L	98			77	116	
	N-propylbenzene	20	18.9	ug/L	95			83	112	
	2-Chlorotoluene	20	19.1	ug/L	96			83	110	
	1,3,5-Trimethylbenzene	20	19.5	ug/L	98			85	112	
	4-Chlorotoluene	20	18.3	ug/L	92			82	110	
	tert-Butylbenzene	20	19.4	ug/L	97			83	112	
	1,2,4-Trimethylbenzene	20	19.0	ug/L	95			85	111	
	Sec-butylbenzene	20	19.1	ug/L	96			81	114	
	p-Isopropyltoluene	20	18.8	ug/L	94			78	116	
	1,3-Dichlorobenzene	20	18.0	ug/L	90			82	108	
	1,4-Dichlorobenzene	20	17.8	ug/L	89			82	107	
	n-Butylbenzene	20	18.1	ug/L	91			75	115	
	1,2-Dichlorobenzene	20	18.0	ug/L	90			82	109	
	1,2-Dibromo-3-Chloropropane	20	20.2	ug/L	101			68	112	
	1,2,4-Trichlorobenzene	20	17.3	ug/L	86			75	113	
	Hexachlorobutadiene	20	17.4	ug/L	87			81	121	
	Naphthalene	20	17.2	ug/L	86			78	119	
	1,2,3-Trichlorobenzene	20	17.1	ug/L	86			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4442

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low **Datafile :** VX043491.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX1023WBSD01	Dichlorodifluoromethane	20	18.7	ug/L	94	5		69	116	20
	Chloromethane	20	18.5	ug/L	93	6		65	116	20
	Vinyl chloride	20	18.8	ug/L	94	1		65	117	20
	Ethyl Acetate	20	20.6	ug/L	103	11		75	115	20
	Bromomethane	20	20.2	ug/L	101	4		58	125	20
	Chloroethane	20	26.3	ug/L	132	9	*	56	128	20
	Trichlorofluoromethane	20	19.4	ug/L	97	3		73	115	20
	1,1,2-Trichlorotrifluoroethane	20	19.2	ug/L	96	0		80	112	20
	Tert butyl alcohol	100	140	ug/L	140	7	*	73	124	20
	1,1-Dichloroethene	20	19.4	ug/L	97	1		74	110	20
	Acrolein	100	110	ug/L	110	12		51	143	20
	Acrylonitrile	100	110	ug/L	110	0		73	113	20
	Acetone	100	100	ug/L	100	2		60	125	20
	Carbon disulfide	20	18.8	ug/L	94	0		64	112	20
	Methyl tert-butyl Ether	20	20.8	ug/L	104	6		78	114	20
	Methyl Acetate	20	19.9	ug/L	100	6		67	125	20
	Methylene Chloride	20	18.5	ug/L	93	2		72	114	20
	trans-1,2-Dichloroethene	20	18.5	ug/L	93	2		75	108	20
	Vinyl Acetate	100	110	ug/L	110	11		76	115	20
	1,1-Dichloroethane	20	19.1	ug/L	96	1		78	112	20
	Cyclohexane	20	19.5	ug/L	98	4		75	110	20
	2-Butanone	100	110	ug/L	110	0		65	122	20
	Carbon Tetrachloride	20	18.4	ug/L	92	2		77	113	20
	2,2-Dichloropropane	20	17.7	ug/L	89	2		75	116	20
	cis-1,2-Dichloroethene	20	19.3	ug/L	97	4		77	110	20
	Bromochloromethane	20	19.9	ug/L	100	4		70	124	20
	Chloroform	20	18.9	ug/L	95	4		79	113	20
	1,1,1-Trichloroethane	20	19.1	ug/L	96	2		80	108	20
	Methylcyclohexane	20	18.3	ug/L	92	2		72	115	20
	1,1-Dichloropropene	20	18.3	ug/L	92	2		79	110	20
	Benzene	20	18.9	ug/L	95	3		82	109	20
	1,2-Dichloroethane	20	19.9	ug/L	100	3		80	115	20
	Trichloroethene	20	18.0	ug/L	90	1		77	113	20
	1,2-Dichloropropane	20	18.5	ug/L	93	7		83	111	20
	Dibromomethane	20	20.4	ug/L	102	5		82	110	20
	Bromodichloromethane	20	19.1	ug/L	96	4		83	110	20
	4-Methyl-2-Pentanone	100	110	ug/L	110	10		74	118	20
	Toluene	20	19.3	ug/L	97	1		82	110	20
	t-1,3-Dichloropropene	20	19.0	ug/L	95	3		79	110	20
	cis-1,3-Dichloropropene	20	19.9	ug/L	100	2		82	110	20
	1,1,2-Trichloroethane	20	20.9	ug/L	104	5		83	112	20
	1,3-Dichloropropane	20	20.1	ug/L	101	4		83	111	20
	2-Chloroethyl vinyl ether	100	100	ug/L	100	3		75	124	20
	2-Hexanone	100	110	ug/L	110	0		73	117	20
	Dibromochloromethane	20	19.7	ug/L	99	1		82	110	20
	1,2-Dibromoethane	20	21.0	ug/L	105	6		81	110	20
	Tetrachloroethene	20	18.3	ug/L	92	1		67	123	20
	Chlorobenzene	20	18.9	ug/L	95	4		82	109	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4442

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low **Datafile :** VX043491.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1023WBSD01	1,1,1,2-Tetrachloroethane	20	19.6	ug/L	98	0		84	111	20
	Hexachloroethane	20	18.4	ug/L	92	4		80	113	20
	Ethyl Benzene	20	18.7	ug/L	94	1		83	109	20
	m/p-Xylenes	40	38.0	ug/L	95	1		82	110	20
	o-Xylene	20	18.8	ug/L	94	0		83	109	20
	Styrene	20	19.0	ug/L	95	0		80	111	20
	Bromoform	20	18.2	ug/L	91	2		79	109	20
	Isopropylbenzene	20	19.6	ug/L	98	1		83	112	20
	1,1,2,2-Tetrachloroethane	20	20.2	ug/L	101	6		76	118	20
	1,2,3-Trichloropropane	20	18.8	ug/L	94	3		75	112	20
	Bromobenzene	20	19.4	ug/L	97	1		77	116	20
	N-propylbenzene	20	18.9	ug/L	95	0		83	112	20
	2-Chlorotoluene	20	19.6	ug/L	98	2		83	110	20
	1,3,5-Trimethylbenzene	20	19.2	ug/L	96	2		85	112	20
	4-Chlorotoluene	20	18.5	ug/L	93	1		82	110	20
	tert-Butylbenzene	20	19.3	ug/L	97	0		83	112	20
	1,2,4-Trimethylbenzene	20	19.2	ug/L	96	1		85	111	20
	Sec-butylbenzene	20	19.3	ug/L	97	1		81	114	20
	p-Isopropyltoluene	20	18.5	ug/L	93	1		78	116	20
	1,3-Dichlorobenzene	20	19.1	ug/L	96	6		82	108	20
	1,4-Dichlorobenzene	20	17.9	ug/L	90	1		82	107	20
	n-Butylbenzene	20	17.8	ug/L	89	2		75	115	20
	1,2-Dichlorobenzene	20	18.6	ug/L	93	3		82	109	20
	1,2-Dibromo-3-Chloropropane	20	21.5	ug/L	108	7		68	112	20
	1,2,4-Trichlorobenzene	20	17.1	ug/L	86	0		75	113	20
	Hexachlorobutadiene	20	17.9	ug/L	90	3		81	121	20
	Naphthalene	20	18.0	ug/L	90	5		78	119	20
	1,2,3-Trichlorobenzene	20	17.8	ug/L	89	3		76	114	20

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX1023WBL01

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: P4442 SAS No.: P4442 SDG NO.: P4442

Lab File ID: VX043489.D Lab Sample ID: VX1023WBL01

Date Analyzed: 10/23/2024 Time Analyzed: 15:50

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
VX1023WBS01	VX1023WBS01	VX043490.D	10/23/2024
VX1023WBSD01	VX1023WBSD01	VX043491.D	10/23/2024
Storage-Blank-SOIL-REF-6	P4442-01	VX043493.D	10/23/2024
Storage-Blank-WATER-REF-5	P4442-02	VX043494.D	10/23/2024
Storage-Blank-WATER-REF-4	P4442-03	VX043495.D	10/23/2024
Storage-Blank-SAMPLE-MANAGEMENT	P4442-04	VX043496.D	10/23/2024

COMMENTS:

Raw Data: **VX043478.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: P4442 SAS No.: P4442 SDG NO.: P4442

Lab File ID: VX043478.D BFB Injection Date: 10/23/2024

Instrument ID: MSVOA_X BFB Injection Time: 08:00

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	18.9
75	30.0 - 60.0% of mass 95	52.8
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	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	68.7
175	5.0 - 9.0% of mass 174	5.6 (8.2) 1
176	95.0 - 101.0% of mass 174	68.3 (99.4) 1
177	5.0 - 9.0% of mass 176	4.1 (6) 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
VSTDICC005	VSTDICC005	VX043480.D	10/23/2024	08:59
VSTDICC020	VSTDICC020	VX043481.D	10/23/2024	09:22
VSTDICCC050	VSTDICCC050	VX043482.D	10/23/2024	09:45
VSTDICC100	VSTDICC100	VX043483.D	10/23/2024	10:09
VSTDICC150	VSTDICC150	VX043484.D	10/23/2024	10:32
VSTDICC001	VSTDICC001	VX043486.D	10/23/2024	11:41
VX1023WBL01	VX1023WBL01	VX043489.D	10/23/2024	15:50
VX1023WBS01	VX1023WBS01	VX043490.D	10/23/2024	16:13
VX1023WBSD01	VX1023WBSD01	VX043491.D	10/23/2024	16:36
Storage-Blank-SOIL-REF-6	P4442-01	VX043493.D	10/23/2024	17:22
Storage-Blank-WATER-REF-5	P4442-02	VX043494.D	10/23/2024	17:46
Storage-Blank-WATER-REF-4	P4442-03	VX043495.D	10/23/2024	18:09
Storage-Blank-SAMPLE-MANAGEMENT	P4442-04	VX043496.D	10/23/2024	18:32

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Fax : 908 789 8922

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: P4442 SAS No.: P4442 SDG NO.: P4442

Lab File ID: VX043482.D Date Analyzed: 10/23/2024

Instrument ID: MSVOA_X Time Analyzed: 09:45

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	72943	5.56	142833	6.76	127862	10.06
UPPER LIMIT	145886	6.056	285666	7.263	255724	10.555
LOWER LIMIT	36471.5	5.056	71416.5	6.263	63931	9.555
EPA SAMPLE NO.						
Storage-Blank-SOIL-REF-6	82048	5.56	147768	6.76	127450	10.06
Storage-Blank-WATER-REF-5	81310	5.56	148045	6.76	122050	10.06
Storage-Blank-WATER-REF-4	82755	5.56	147890	6.76	130073	10.06
Storage-Blank-SAMPLE-MANAGEMEN	85164	5.56	154383	6.76	130712	10.06
VX1023WBL01	74778	5.55	135907	6.76	112394	10.06
VX1023WBS01	87818	5.55	170619	6.76	150628	10.06
VX1023WBSD01	81077	5.56	159387	6.76	142085	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: CHEM02

Lab Code: CHEM Case No.: P4442 SAS No.: P4442 SDG NO.: P4442

Lab File ID: VX043482.D Date Analyzed: 10/23/2024

Instrument ID: MSVOA_X Time Analyzed: 09:45

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

	IS4 AREA #	RT #				
12 HOUR STD	60945	12.024				
UPPER LIMIT	121890	12.524				
LOWER LIMIT	30472.5	11.524				
EPA SAMPLE NO.						
Storage-Blank-SOIL-REF-6	49811	12.02				
Storage-Blank-WATER-REF-5	49295	12.02				
Storage-Blank-WATER-REF-4	46057	12.02				
Storage-Blank-SAMPLE-MANAGEME	48145	12.02				
VX1023WBL01	46043	12.02				
VX1023WBS01	66452	12.02				
VX1023WBSD01	62434	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

Raw Data: **VX043493.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/18/24
Project:	Weekly Storage Blanks	Date Received:	10/18/24
Client Sample ID:	Storage-Blank-SOIL-REF-6	SDG No.:	P4442
Lab Sample ID:	P4442-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043493.D	1		10/23/24 17:22	VX102324

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
141-78-6	Ethyl Acetate	0.38	U	0.38	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	UQ	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
75-65-0	Tert butyl alcohol	5.60	UQ	5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
107-02-8	Acrolein	6.70	U	6.70	25.0	ug/L
107-13-1	Acrylonitrile	0.90	U	0.90	5.00	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
108-05-4	Vinyl Acetate	0.71	U	0.71	5.00	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
594-20-7	2,2-Dichloropropane	0.31	U	0.31	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
563-58-6	1,1-Dichloropropene	0.18	U	0.18	1.00	ug/L

Raw Data: **VX043493.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/18/24
Project:	Weekly Storage Blanks	Date Received:	10/18/24
Client Sample ID:	Storage-Blank-SOIL-REF-6	SDG No.:	P4442
Lab Sample ID:	P4442-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043493.D	1		10/23/24 17:22	VX102324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
74-95-3	Dibromomethane	0.23	U	0.23	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
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
142-28-9	1,3-Dichloropropane	0.17	U	0.17	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	1.80	U	1.80	5.00	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
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.00	ug/L
67-72-1	Hexachloroethane	0	U	0	0	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
96-18-4	1,2,3-Trichloropropane	0.39	U	0.39	1.00	ug/L
108-86-1	Bromobenzene	0.26	U	0.26	1.00	ug/L
103-65-1	n-propylbenzene	0.14	U	0.14	1.00	ug/L
95-49-8	2-Chlorotoluene	0.16	U	0.16	1.00	ug/L

Raw Data: **VX043493.D**

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Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/18/24
Project:	Weekly Storage Blanks	Date Received:	10/18/24
Client Sample ID:	Storage-Blank-SOIL-REF-6	SDG No.:	P4442
Lab Sample ID:	P4442-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043493.D	1		10/23/24 17:22	VX102324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
106-43-4	4-Chlorotoluene	0.18	U	0.18	1.00	ug/L
98-06-6	tert-Butylbenzene	0.17	U	0.17	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
135-98-8	sec-Butylbenzene	0.17	U	0.17	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.15	U	0.15	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
104-51-8	n-Butylbenzene	0.22	U	0.22	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
87-68-3	Hexachlorobutadiene	0.31	U	0.31	1.00	ug/L
91-20-3	Naphthalene	0.59	U	0.59	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	43.3		74 - 125	87%	SPK: 50
1868-53-7	Dibromofluoromethane	47.7		75 - 124	95%	SPK: 50
2037-26-5	Toluene-d8	48.3		86 - 113	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.0		77 - 121	86%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	82000	5.556			
540-36-3	1,4-Difluorobenzene	148000	6.763			
3114-55-4	Chlorobenzene-d5	127000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	49800	12.024			

Raw Data: **VX043493.D**

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Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/18/24
Project:	Weekly Storage Blanks	Date Received:	10/18/24
Client Sample ID:	Storage-Blank-SOIL-REF-6	SDG No.:	P4442
Lab Sample ID:	P4442-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043493.D	1		10/23/24 17:22	VX102324

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: **VX043493.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043493.D
Acq On : 23 Oct 2024 17:22
Operator : JC/MD
Sample : P4442-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

Quant Time: Oct 24 06:09:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 2024
Response via : Initial Calibration

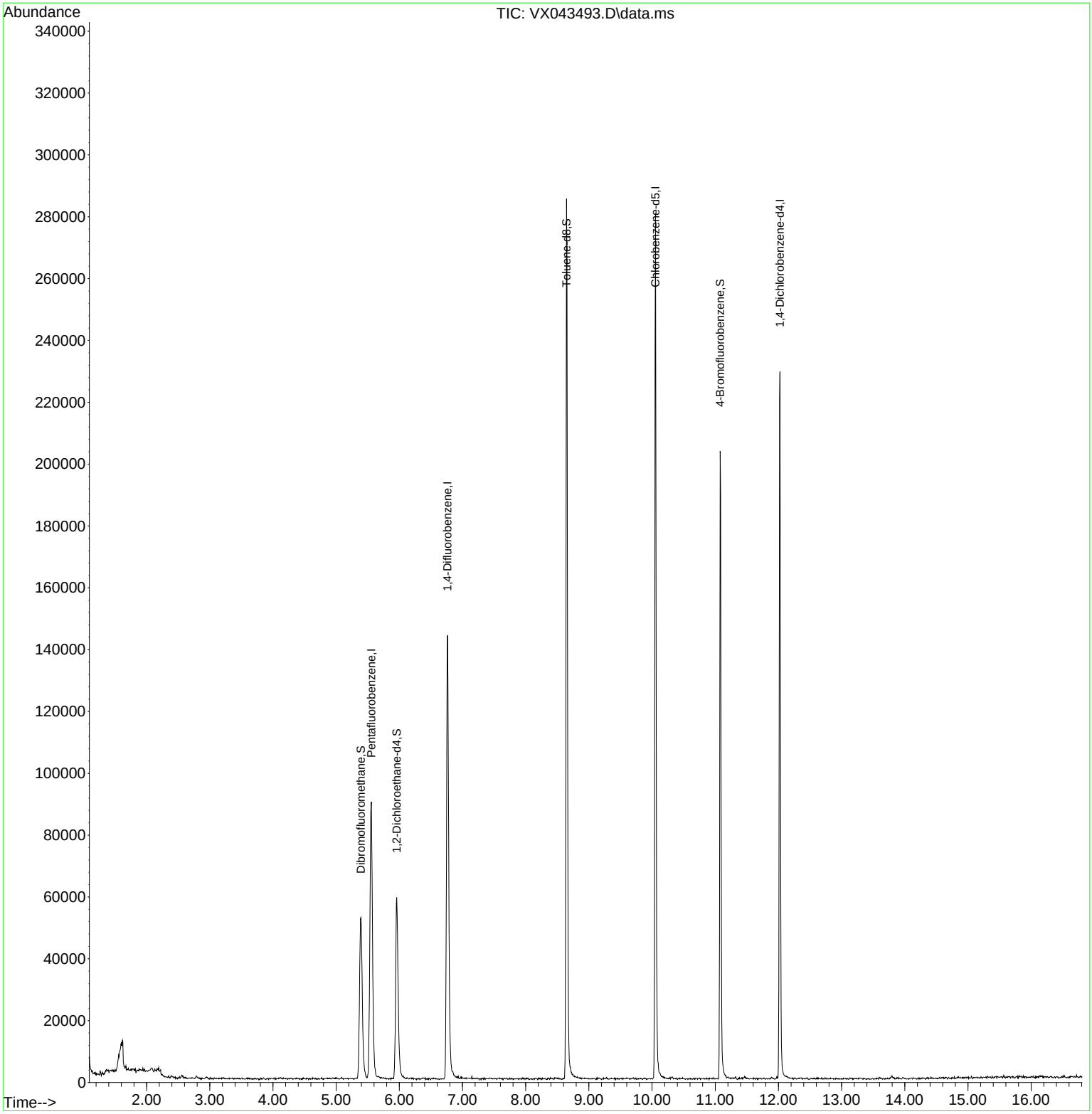
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	82048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	147768	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60893	43.259	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.520%		
35) Dibromofluoromethane	5.391	113	48436	47.653	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.300%		
50) Toluene-d8	8.647	98	172405	48.324	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.640%		
62) 4-Bromofluorobenzene	11.079	95	58608	43.013	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	86.020%		
Target Compounds						Qvalue

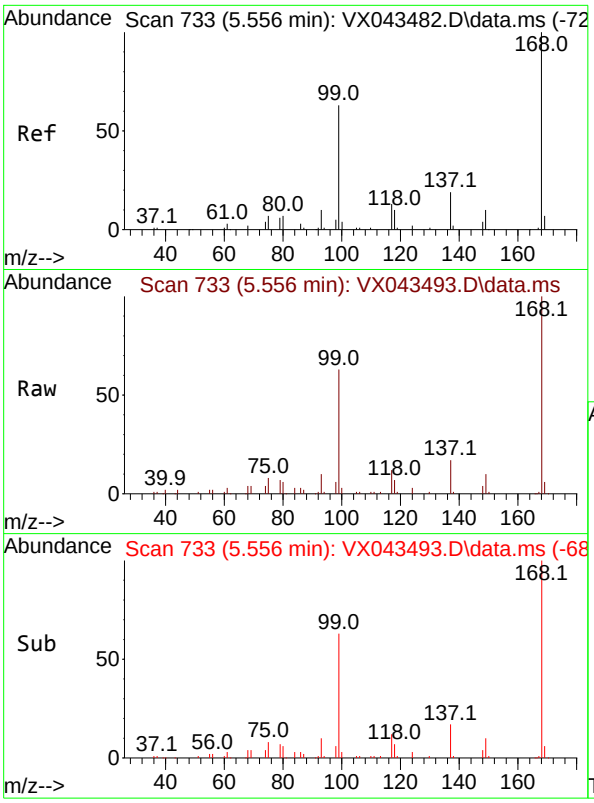
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043493.D
Acq On : 23 Oct 2024 17:22
Operator : JC/MD
Sample : P4442-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

Quant Time: Oct 24 06:09:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 2024
Response via : Initial Calibration



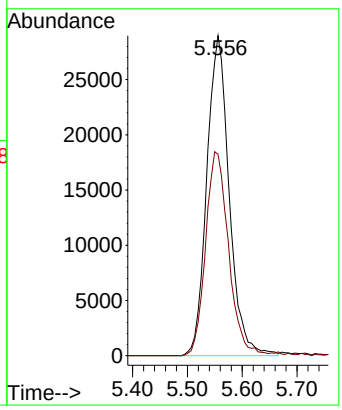


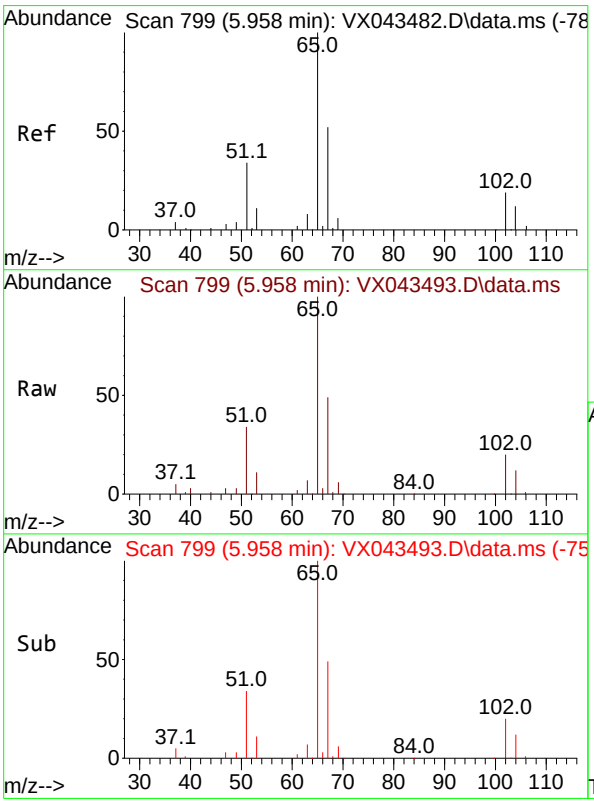
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion:168 Resp: 82048

Ion	Ratio	Lower	Upper
168	100		
99	62.9	50.7	76.1

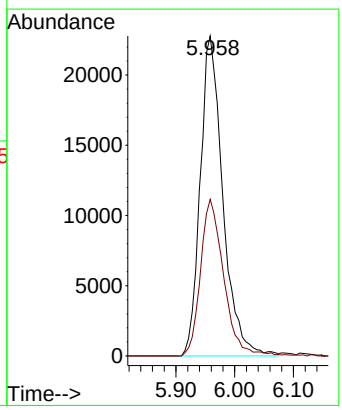


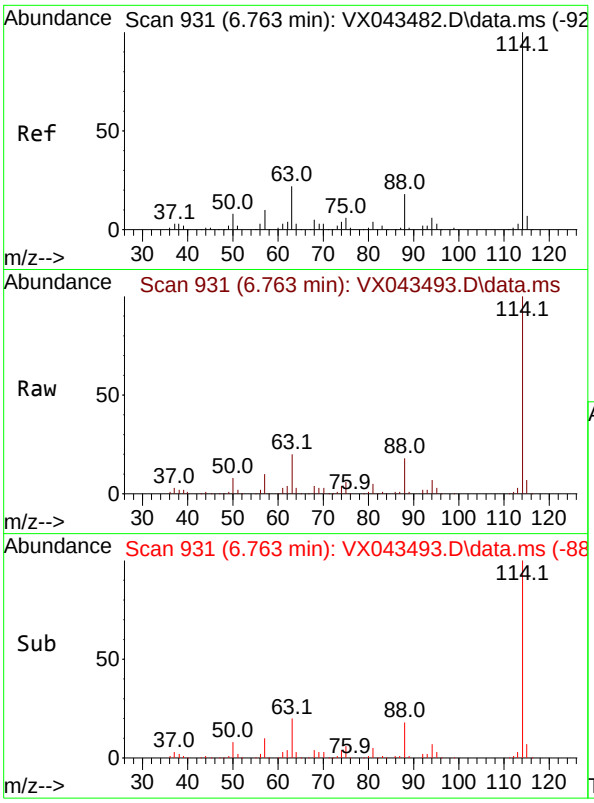


#33
1,2-Dichloroethane-d4
Concen: 43.259 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

Tgt Ion: 65 Resp: 60893

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	98.4



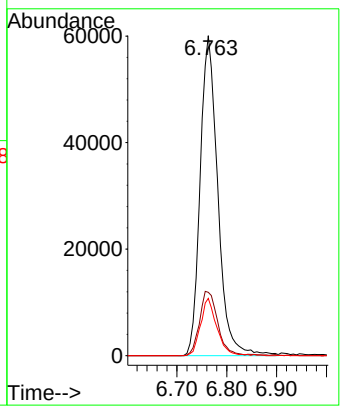


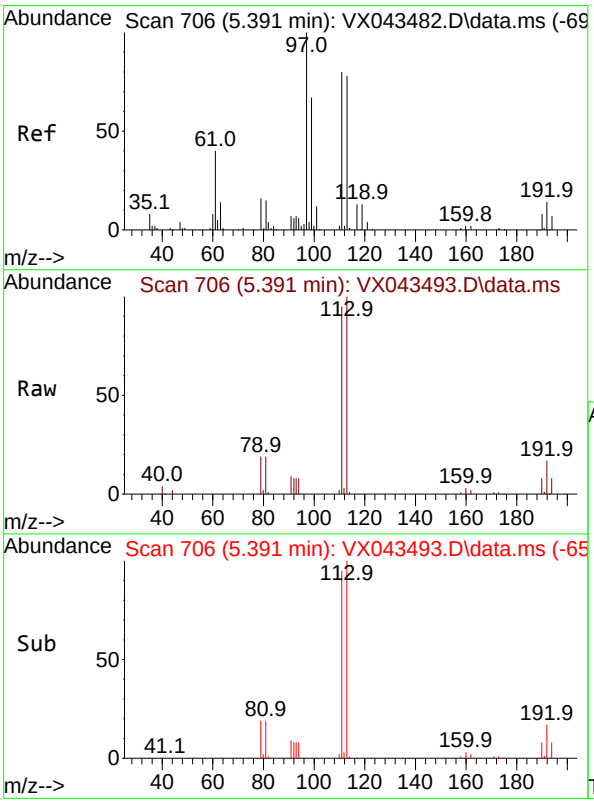
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion:114 Resp: 147768

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	44.0
88	17.9	0.0	35.2

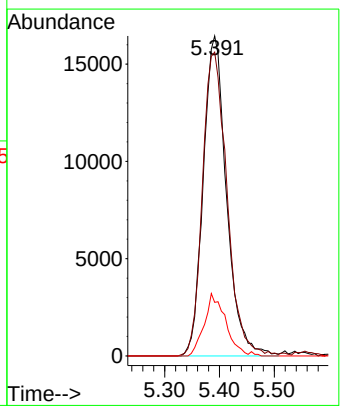


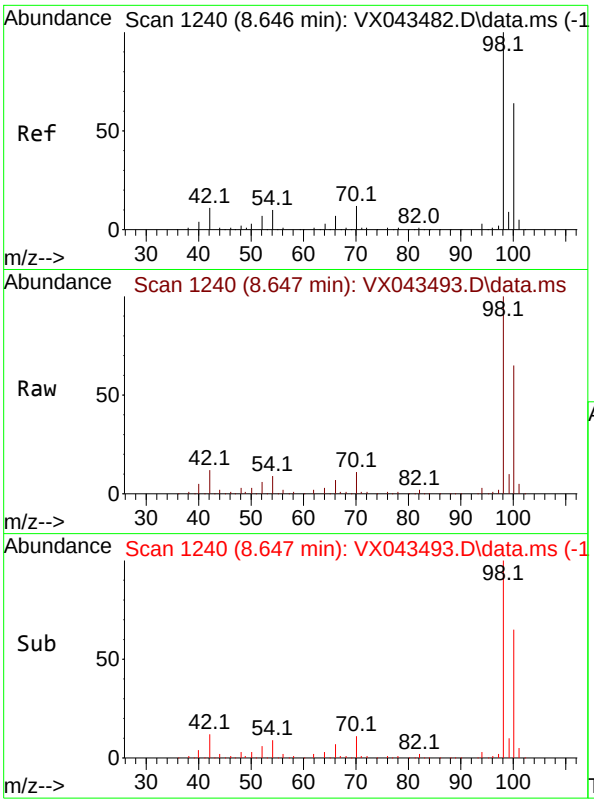


#35
Dibromofluoromethane
Concen: 47.653 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

Tgt Ion:113 Resp: 48436

Ion	Ratio	Lower	Upper
113	100		
111	100.2	82.1	123.1
192	17.8	13.8	20.8



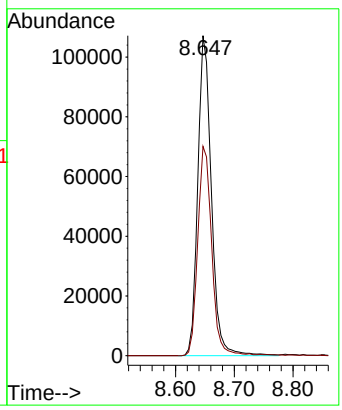


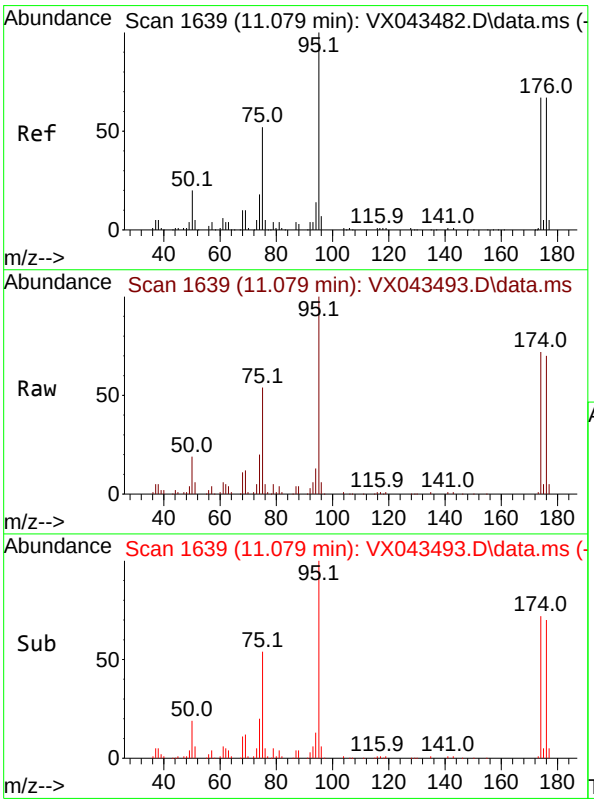
#50
Toluene-d8
Concen: 48.324 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion: 98 Resp: 172405

Ion	Ratio	Lower	Upper
98	100		
100	67.0	52.9	79.3

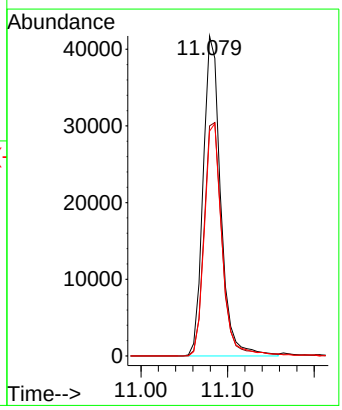


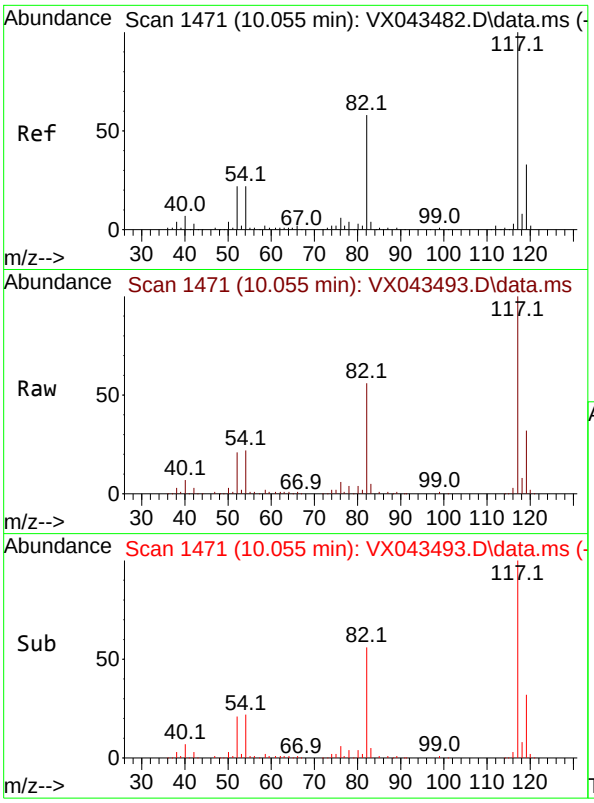


#62
4-Bromofluorobenzene
Concen: 43.013 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

Tgt Ion: 95 Resp: 58608

Ion	Ratio	Lower	Upper
95	100		
174	74.5	0.0	148.6
176	73.3	0.0	142.8



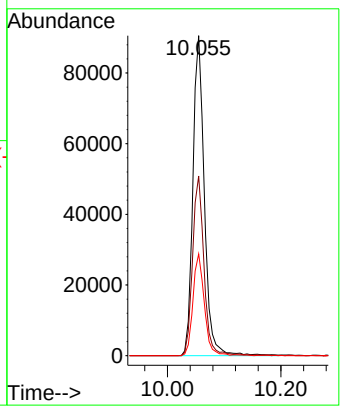


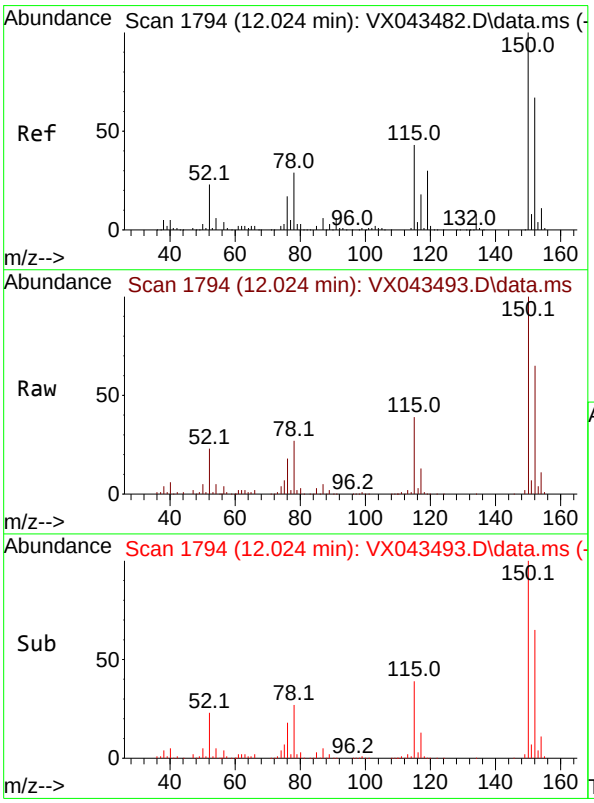
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion:117 Resp: 127450

Ion	Ratio	Lower	Upper
117	100		
82	56.1	46.0	69.0
119	31.8	26.2	39.2

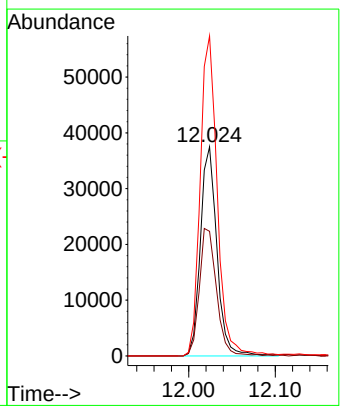




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

Tgt Ion:152 Resp: 49811

Ion	Ratio	Lower	Upper
152	100		
115	63.5	43.4	130.2
150	157.7	0.0	337.2



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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/18/24
Project:	Weekly Storage Blanks	Date Received:	10/18/24
Client Sample ID:	Storage-Blank-WATER-REF-5	SDG No.:	P4442
Lab Sample ID:	P4442-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043494.D	1		10/23/24 17:46	VX102324

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
141-78-6	Ethyl Acetate	0.38	U	0.38	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	UQ	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
75-65-0	Tert butyl alcohol	5.60	UQ	5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
107-02-8	Acrolein	6.70	U	6.70	25.0	ug/L
107-13-1	Acrylonitrile	0.90	U	0.90	5.00	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
108-05-4	Vinyl Acetate	0.71	U	0.71	5.00	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
594-20-7	2,2-Dichloropropane	0.31	U	0.31	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
563-58-6	1,1-Dichloropropene	0.18	U	0.18	1.00	ug/L

Raw Data: **VX043494.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/18/24
Project:	Weekly Storage Blanks	Date Received:	10/18/24
Client Sample ID:	Storage-Blank-WATER-REF-5	SDG No.:	P4442
Lab Sample ID:	P4442-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043494.D	1		10/23/24 17:46	VX102324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
74-95-3	Dibromomethane	0.23	U	0.23	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
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
142-28-9	1,3-Dichloropropane	0.17	U	0.17	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	1.80	U	1.80	5.00	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
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.00	ug/L
67-72-1	Hexachloroethane	0	U	0	0	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
96-18-4	1,2,3-Trichloropropane	0.39	U	0.39	1.00	ug/L
108-86-1	Bromobenzene	0.26	U	0.26	1.00	ug/L
103-65-1	n-propylbenzene	0.14	U	0.14	1.00	ug/L
95-49-8	2-Chlorotoluene	0.16	U	0.16	1.00	ug/L

Raw Data: **VX043494.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/18/24
Project:	Weekly Storage Blanks	Date Received:	10/18/24
Client Sample ID:	Storage-Blank-WATER-REF-5	SDG No.:	P4442
Lab Sample ID:	P4442-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043494.D	1		10/23/24 17:46	VX102324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
106-43-4	4-Chlorotoluene	0.18	U	0.18	1.00	ug/L
98-06-6	tert-Butylbenzene	0.17	U	0.17	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
135-98-8	sec-Butylbenzene	0.17	U	0.17	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.15	U	0.15	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
104-51-8	n-Butylbenzene	0.22	U	0.22	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
87-68-3	Hexachlorobutadiene	0.31	U	0.31	1.00	ug/L
91-20-3	Naphthalene	0.59	U	0.59	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	42.1		74 - 125	84%	SPK: 50
1868-53-7	Dibromofluoromethane	46.0		75 - 124	92%	SPK: 50
2037-26-5	Toluene-d8	47.9		86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.0		77 - 121	84%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	81300	5.556			
540-36-3	1,4-Difluorobenzene	148000	6.763			
3114-55-4	Chlorobenzene-d5	122000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	49300	12.024			

Raw Data: **VX043494.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/18/24
Project:	Weekly Storage Blanks	Date Received:	10/18/24
Client Sample ID:	Storage-Blank-WATER-REF-5	SDG No.:	P4442
Lab Sample ID:	P4442-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043494.D	1		10/23/24 17:46	VX102324

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: **VX043494.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043494.D
Acq On : 23 Oct 2024 17:46
Operator : JC/MD
Sample : P4442-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

Quant Time: Oct 24 06:09:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	81310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	148045	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58688	42.071	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.140%		
35) Dibromofluoromethane	5.391	113	46823	45.980	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.960%		
50) Toluene-d8	8.647	98	171056	47.856	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.720%		
62) 4-Bromofluorobenzene	11.079	95	57375	42.029	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	84.060%		

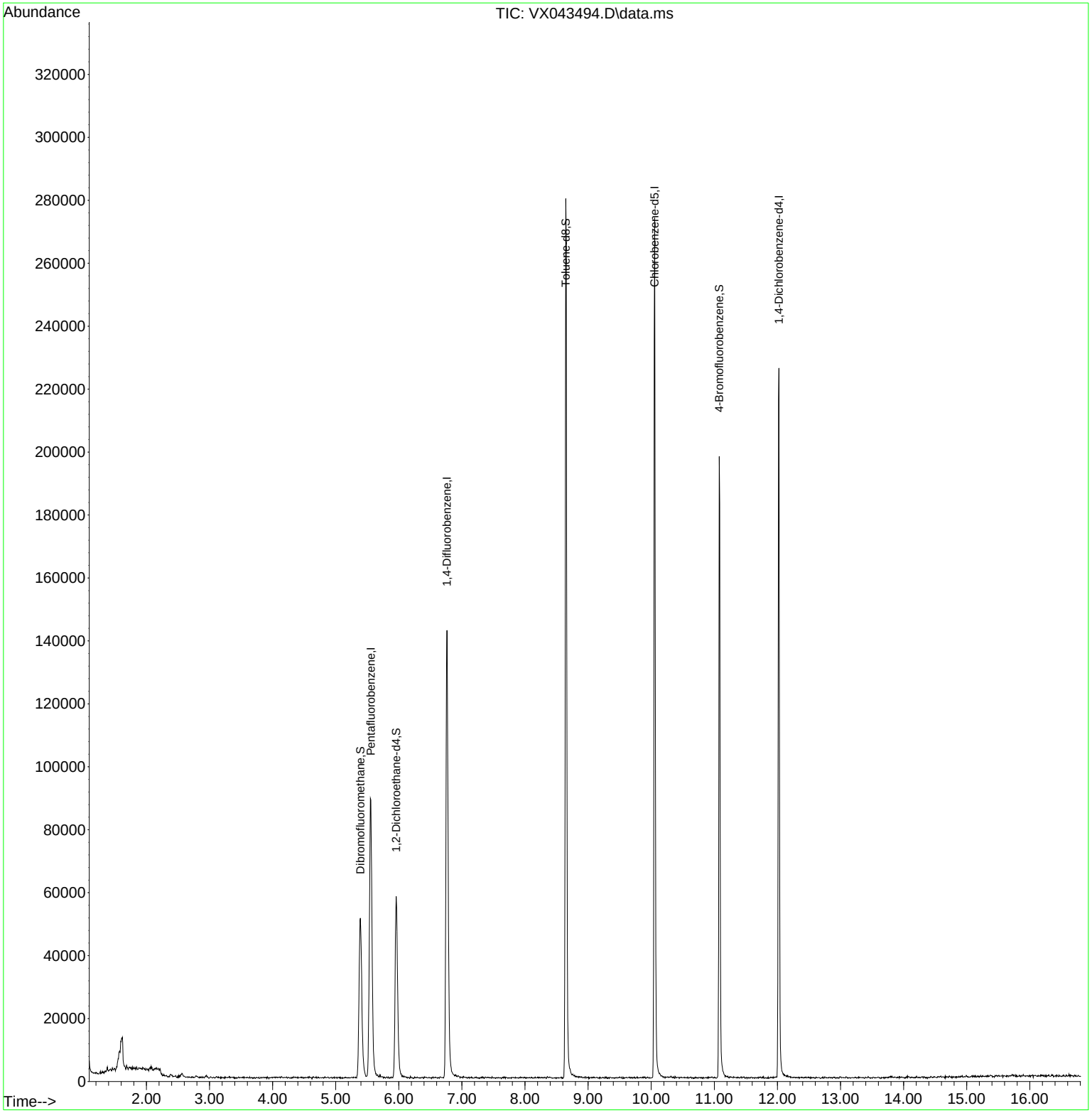
Target Compounds Qvalue

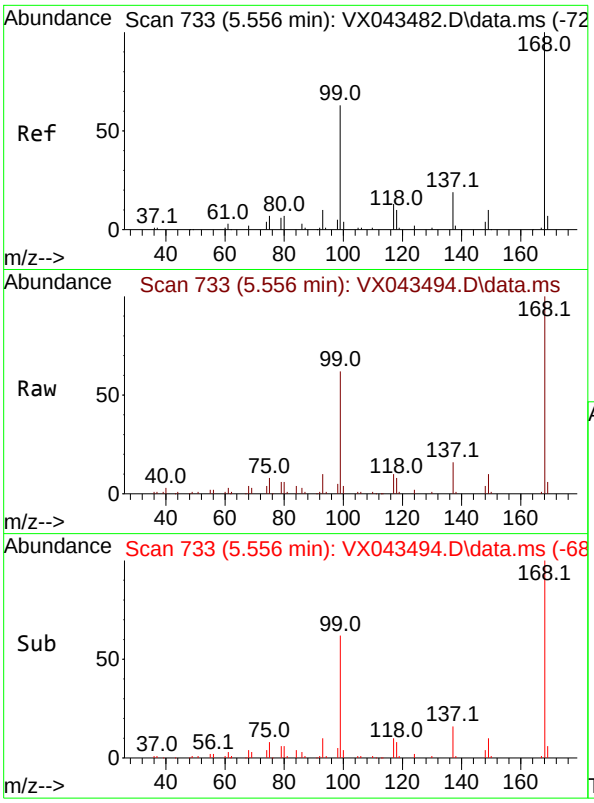
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043494.D
Acq On : 23 Oct 2024 17:46
Operator : JC/MD
Sample : P4442-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

Quant Time: Oct 24 06:09:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 2024
Response via : Initial Calibration



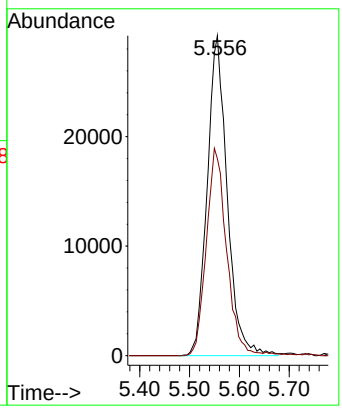


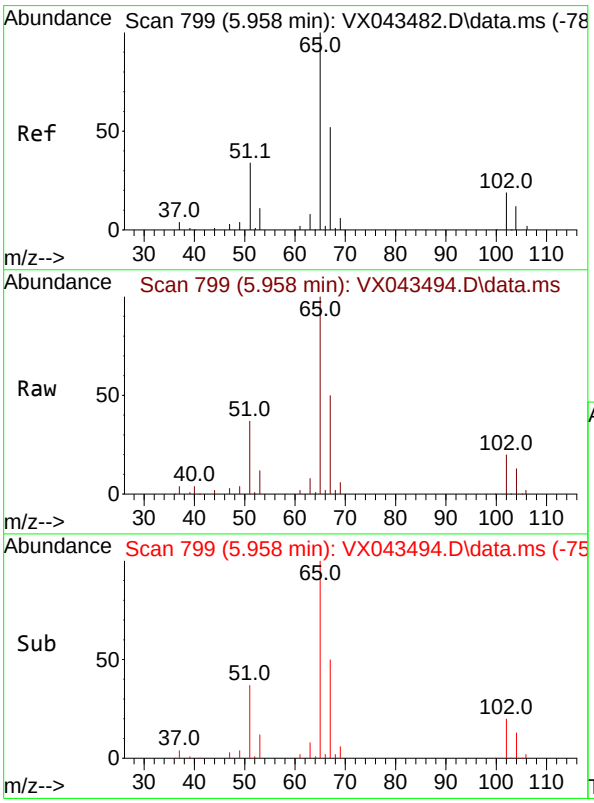
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX043494.D
Acq: 23 Oct 2024 17:46

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

Tgt Ion:168 Resp: 81310

Ion	Ratio	Lower	Upper
168	100		
99	61.6	50.7	76.1

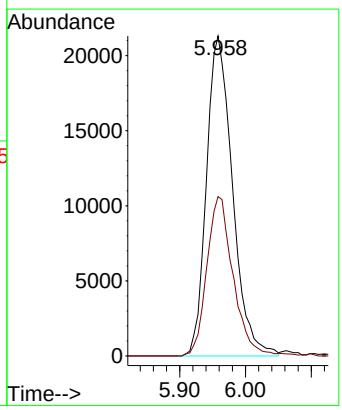


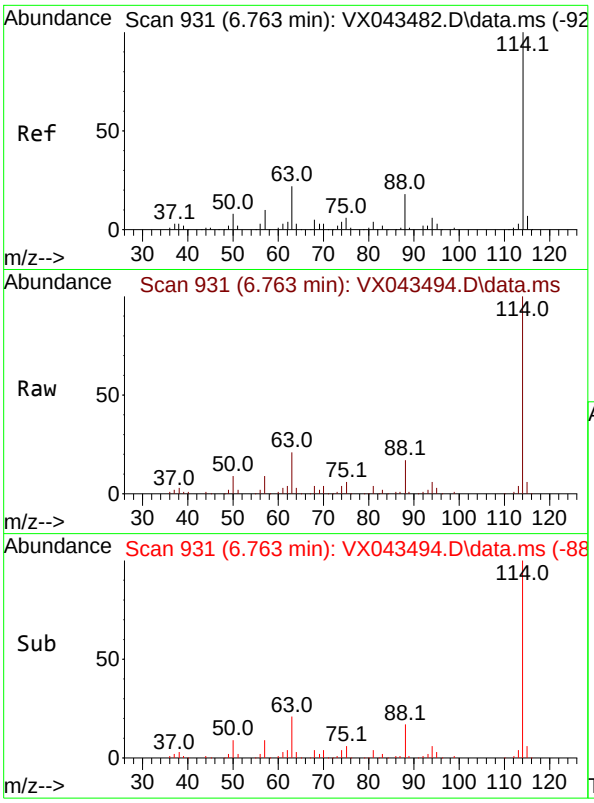


#33
1,2-Dichloroethane-d4
Concen: 42.071 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX043494.D
Acq: 23 Oct 2024 17:46

Tgt Ion: 65 Resp: 58688

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	98.4



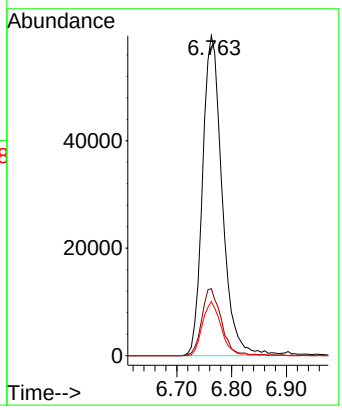


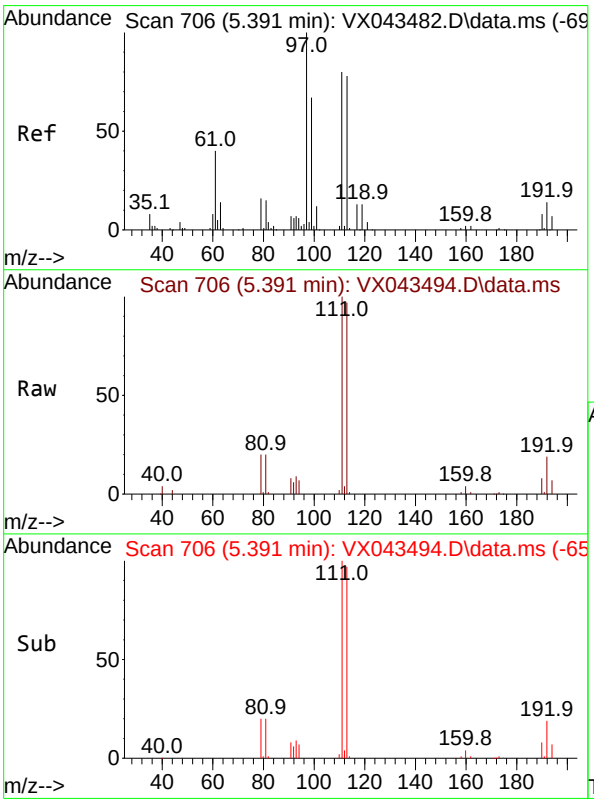
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX043494.D
Acq: 23 Oct 2024 17:46

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

Tgt Ion:114 Resp: 148045

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	44.0
88	16.9	0.0	35.2

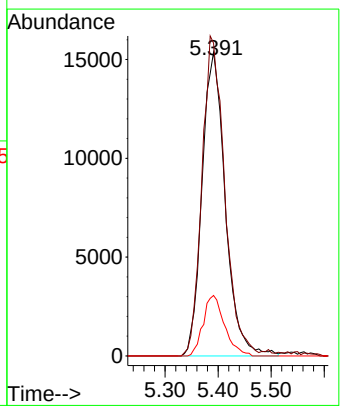


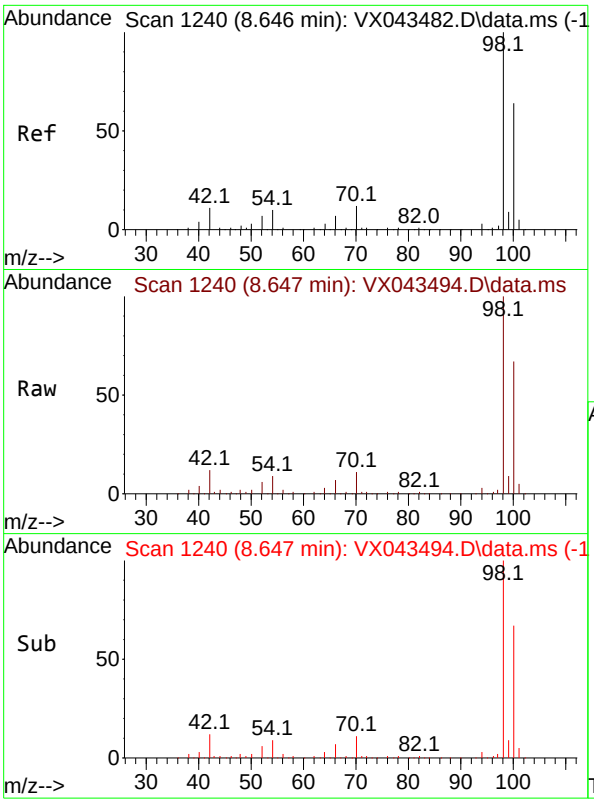


#35
Dibromofluoromethane
Concen: 45.980 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX043494.D
Acq: 23 Oct 2024 17:46

Tgt Ion:113 Resp: 46823

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.1	123.1
192	18.3	13.8	20.8



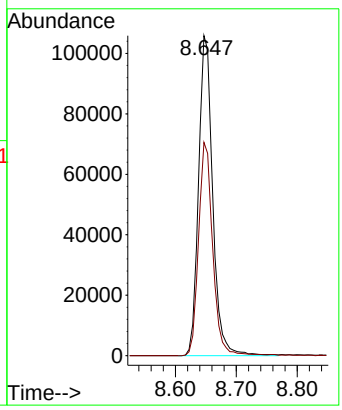


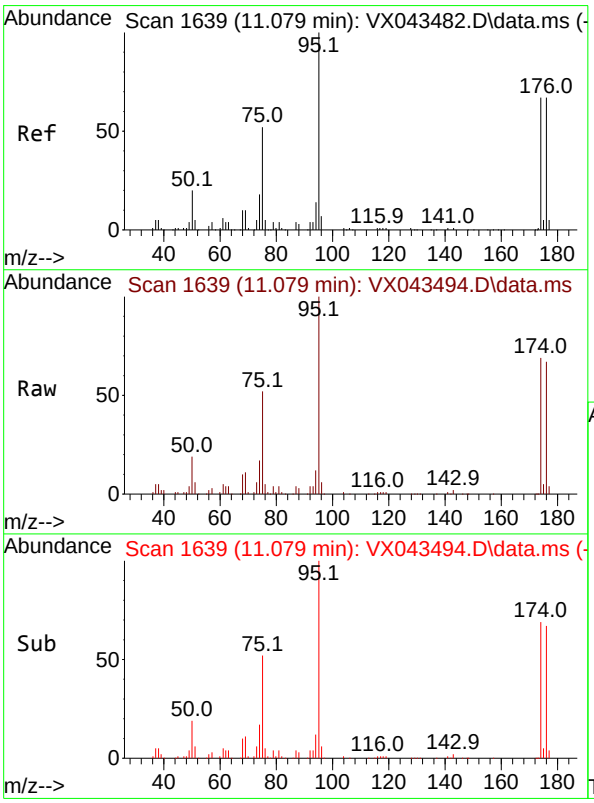
#50
Toluene-d8
Concen: 47.856 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043494.D
Acq: 23 Oct 2024 17:46

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

Tgt Ion: 98 Resp: 171056

Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.9	79.3

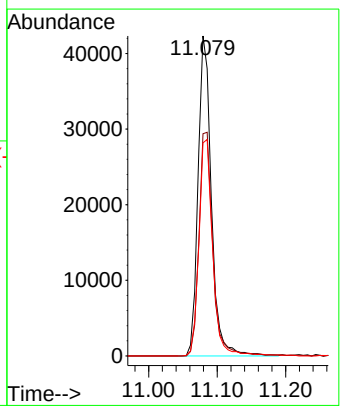


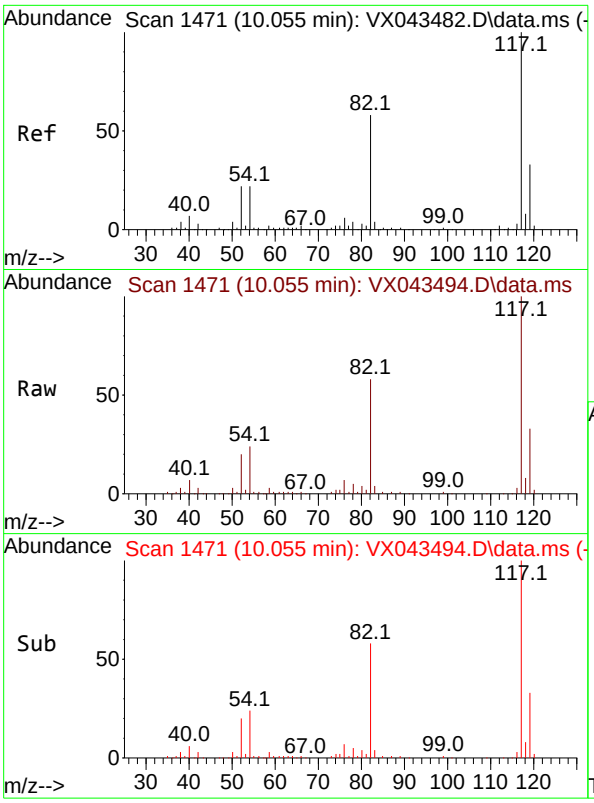


#62
4-Bromofluorobenzene
Concen: 42.029 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043494.D
Acq: 23 Oct 2024 17:46

Tgt Ion: 95 Resp: 57375

Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	148.6
176	70.4	0.0	142.8



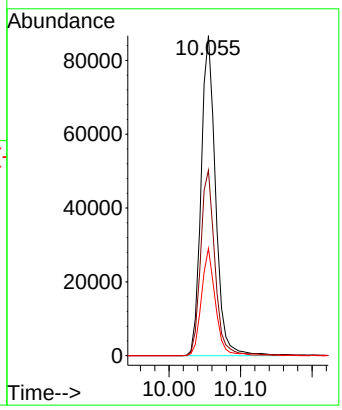


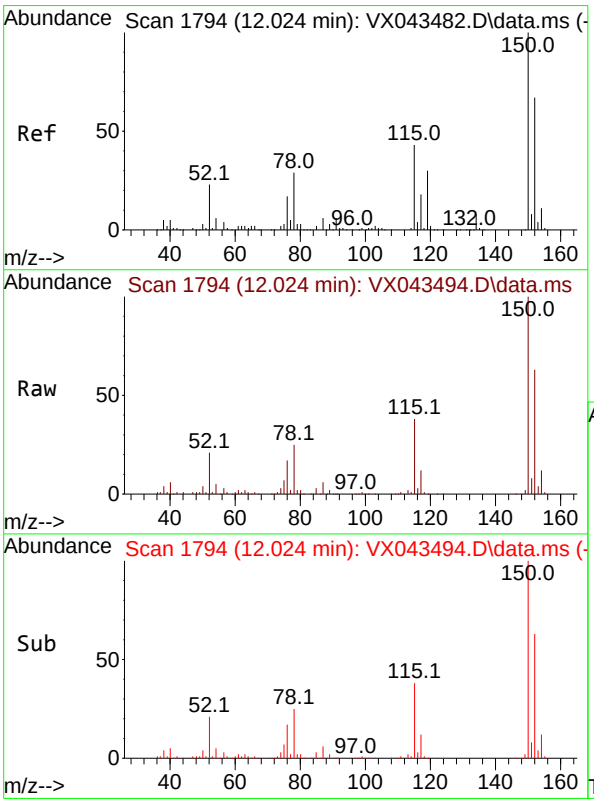
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX043494.D
Acq: 23 Oct 2024 17:46

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

Tgt Ion:117 Resp: 122050

Ion	Ratio	Lower	Upper
117	100		
82	58.0	46.0	69.0
119	33.5	26.2	39.2

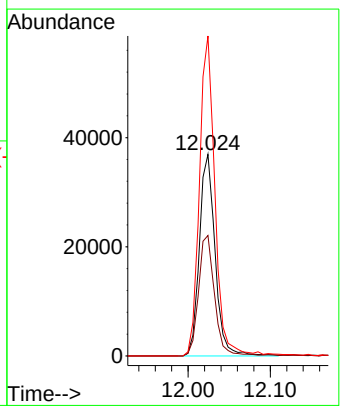




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043494.D
Acq: 23 Oct 2024 17:46

Tgt Ion:152 Resp: 49295

Ion	Ratio	Lower	Upper
152	100		
115	60.5	43.4	130.2
150	156.9	0.0	337.2



Raw Data: **VX043495.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/18/24
Project:	Weekly Storage Blanks	Date Received:	10/18/24
Client Sample ID:	Storage-Blank-WATER-REF-4	SDG No.:	P4442
Lab Sample ID:	P4442-03	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043495.D	1		10/23/24 18:09	VX102324

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
141-78-6	Ethyl Acetate	0.38	U	0.38	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	UQ	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
75-65-0	Tert butyl alcohol	5.60	UQ	5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
107-02-8	Acrolein	6.70	U	6.70	25.0	ug/L
107-13-1	Acrylonitrile	0.90	U	0.90	5.00	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
108-05-4	Vinyl Acetate	0.71	U	0.71	5.00	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
594-20-7	2,2-Dichloropropane	0.31	U	0.31	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
563-58-6	1,1-Dichloropropene	0.18	U	0.18	1.00	ug/L

Raw Data: **VX043495.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/18/24
Project:	Weekly Storage Blanks	Date Received:	10/18/24
Client Sample ID:	Storage-Blank-WATER-REF-4	SDG No.:	P4442
Lab Sample ID:	P4442-03	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043495.D	1		10/23/24 18:09	VX102324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
74-95-3	Dibromomethane	0.23	U	0.23	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
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
142-28-9	1,3-Dichloropropane	0.17	U	0.17	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	1.80	U	1.80	5.00	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
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.00	ug/L
67-72-1	Hexachloroethane	0	U	0	0	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
96-18-4	1,2,3-Trichloropropane	0.39	U	0.39	1.00	ug/L
108-86-1	Bromobenzene	0.26	U	0.26	1.00	ug/L
103-65-1	n-propylbenzene	0.14	U	0.14	1.00	ug/L
95-49-8	2-Chlorotoluene	0.16	U	0.16	1.00	ug/L

Raw Data: **VX043495.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/18/24
Project:	Weekly Storage Blanks	Date Received:	10/18/24
Client Sample ID:	Storage-Blank-WATER-REF-4	SDG No.:	P4442
Lab Sample ID:	P4442-03	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043495.D	1		10/23/24 18:09	VX102324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
106-43-4	4-Chlorotoluene	0.18	U	0.18	1.00	ug/L
98-06-6	tert-Butylbenzene	0.17	U	0.17	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
135-98-8	sec-Butylbenzene	0.17	U	0.17	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.15	U	0.15	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
104-51-8	n-Butylbenzene	0.22	U	0.22	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
87-68-3	Hexachlorobutadiene	0.31	U	0.31	1.00	ug/L
91-20-3	Naphthalene	0.59	U	0.59	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	41.0		74 - 125	82%	SPK: 50
1868-53-7	Dibromofluoromethane	46.8		75 - 124	94%	SPK: 50
2037-26-5	Toluene-d8	49.1		86 - 113	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.9		77 - 121	84%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	82800	5.556			
540-36-3	1,4-Difluorobenzene	148000	6.763			
3114-55-4	Chlorobenzene-d5	130000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	46100	12.024			

Raw Data: **VX043495.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/18/24
Project:	Weekly Storage Blanks	Date Received:	10/18/24
Client Sample ID:	Storage-Blank-WATER-REF-4	SDG No.:	P4442
Lab Sample ID:	P4442-03	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043495.D	1		10/23/24 18:09	VX102324

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\VX102324\
Data File : VX043495.D
Acq On : 23 Oct 2024 18:09
Operator : JC/MD
Sample : P4442-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

Quant Time: Oct 24 06:10:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	82755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	147890	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58257	41.033	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.060%		
35) Dibromofluoromethane	5.391	113	47654	46.845	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.700%		
50) Toluene-d8	8.647	98	175420	49.128	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.260%		
62) 4-Bromofluorobenzene	11.079	95	57097	41.869	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	83.740%		
Target Compounds						Qvalue

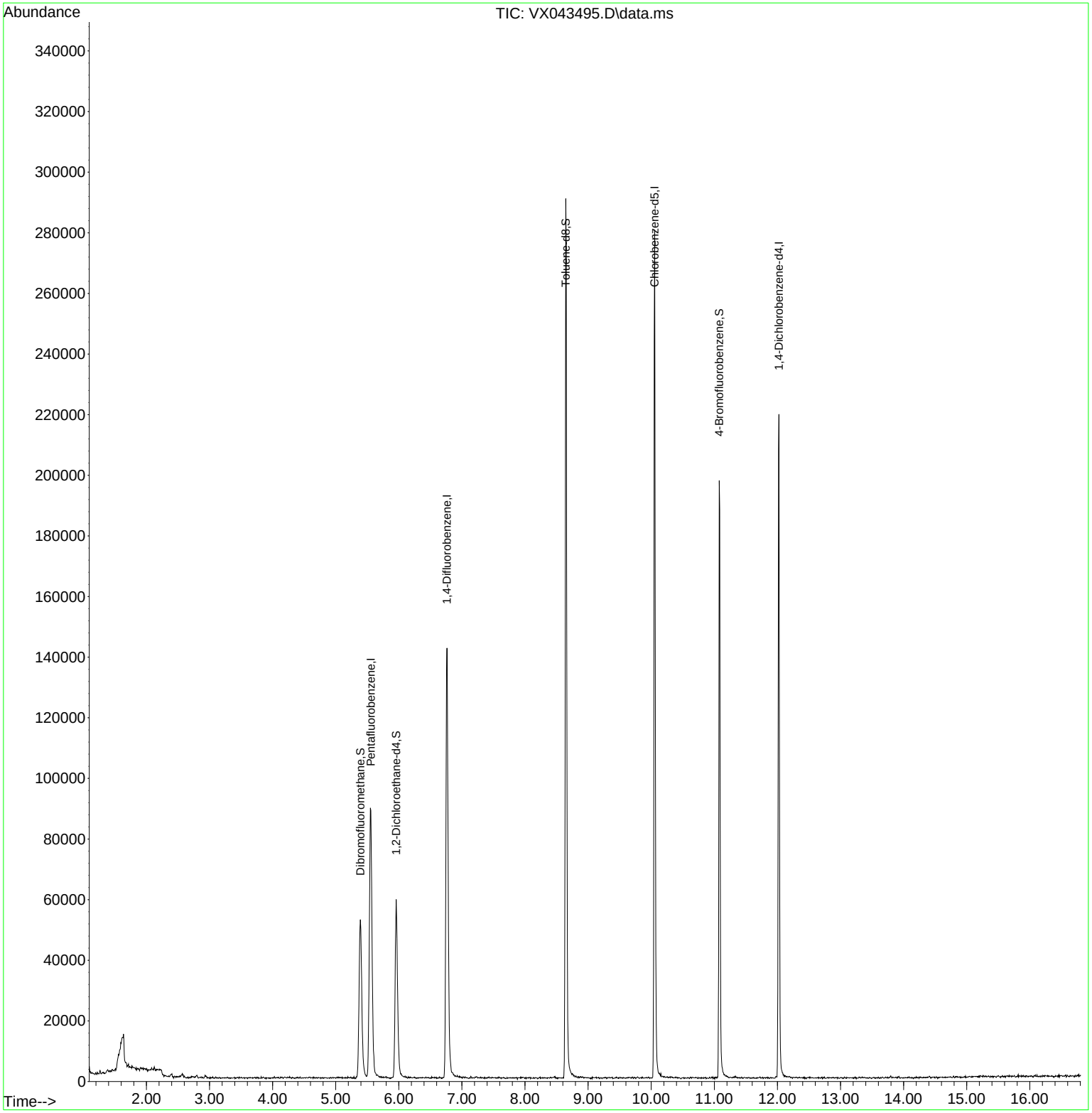
(#) = qualifier out of range (m) = manual integration (+) = signals summed

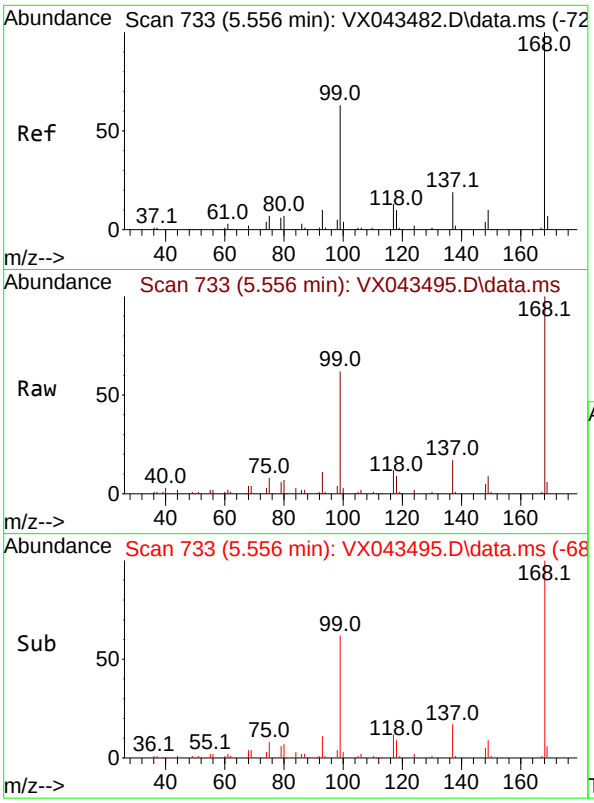
Sample Results: **VX043495.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043495.D
Acq On : 23 Oct 2024 18:09
Operator : JC/MD
Sample : P4442-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

Quant Time: Oct 24 06:10:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 2024
Response via : Initial Calibration



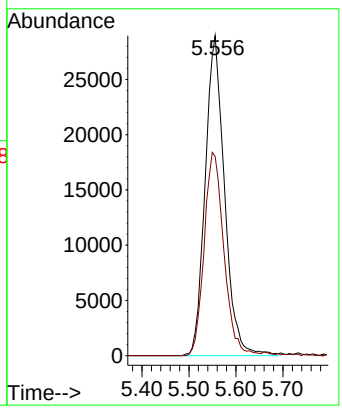


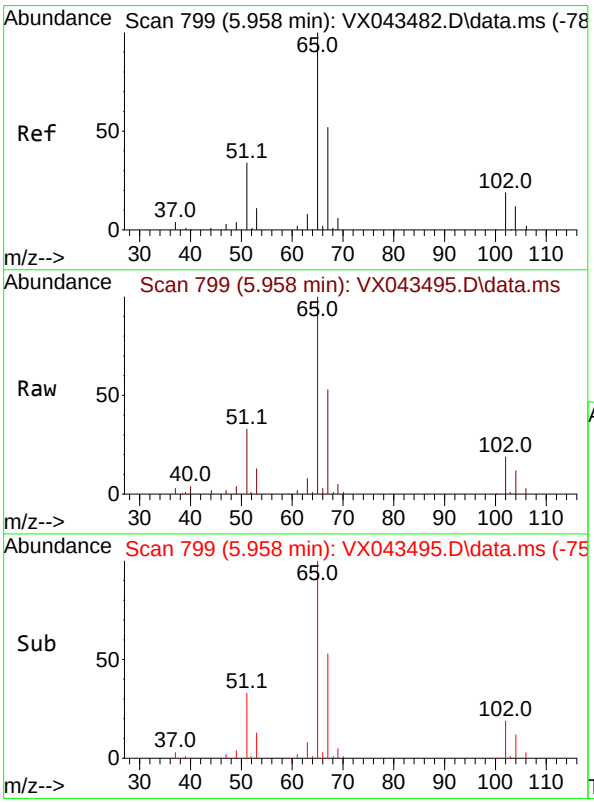
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX043495.D
Acq: 23 Oct 2024 18:09

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

Tgt Ion:168 Resp: 82755

Ion	Ratio	Lower	Upper
168	100		
99	62.3	50.7	76.1

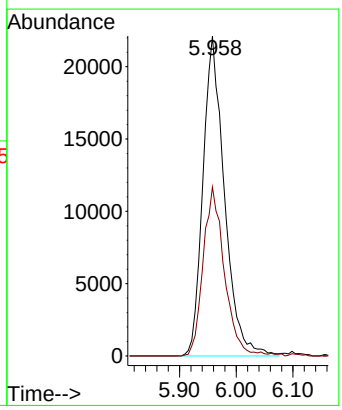


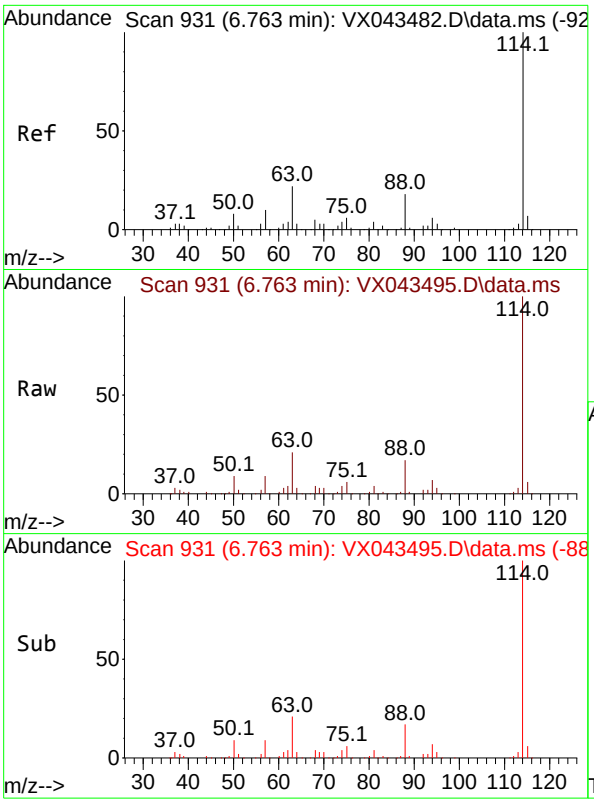


#33
1,2-Dichloroethane-d4
Concen: 41.033 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX043495.D
Acq: 23 Oct 2024 18:09

Tgt Ion: 65 Resp: 58257

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	98.4



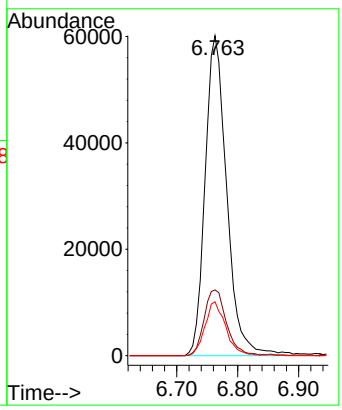


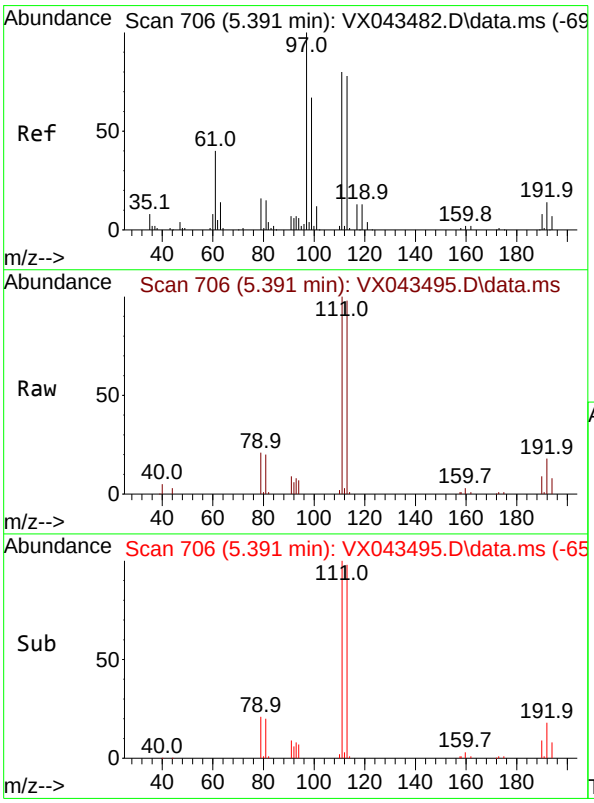
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX043495.D
Acq: 23 Oct 2024 18:09

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

Tgt Ion:114 Resp: 147890

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	44.0
88	16.9	0.0	35.2

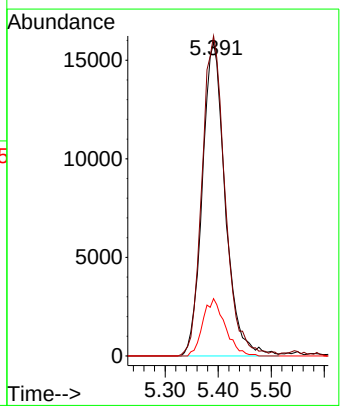


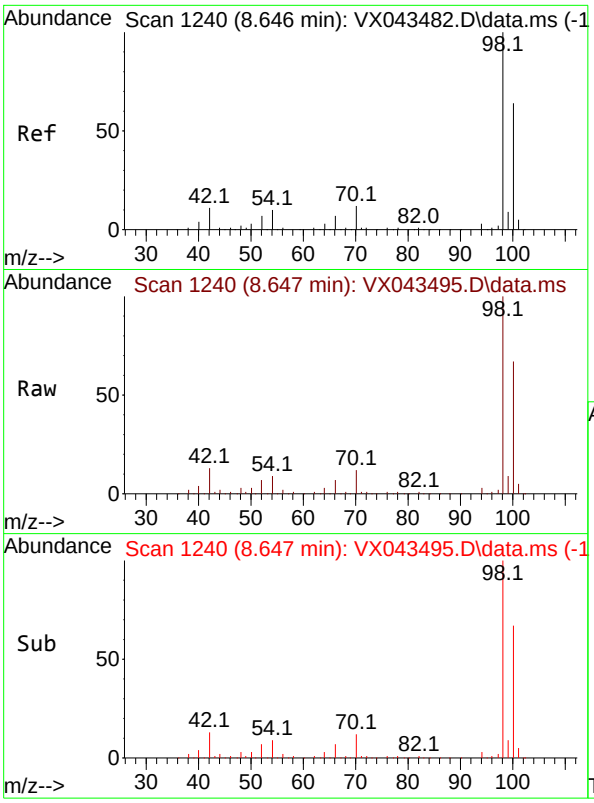


#35
Dibromofluoromethane
Concen: 46.845 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX043495.D
Acq: 23 Oct 2024 18:09

Tgt Ion:113 Resp: 47654

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.1	123.1
192	17.8	13.8	20.8



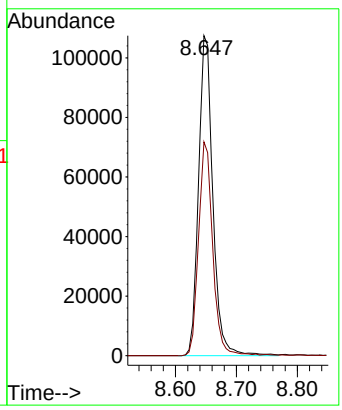


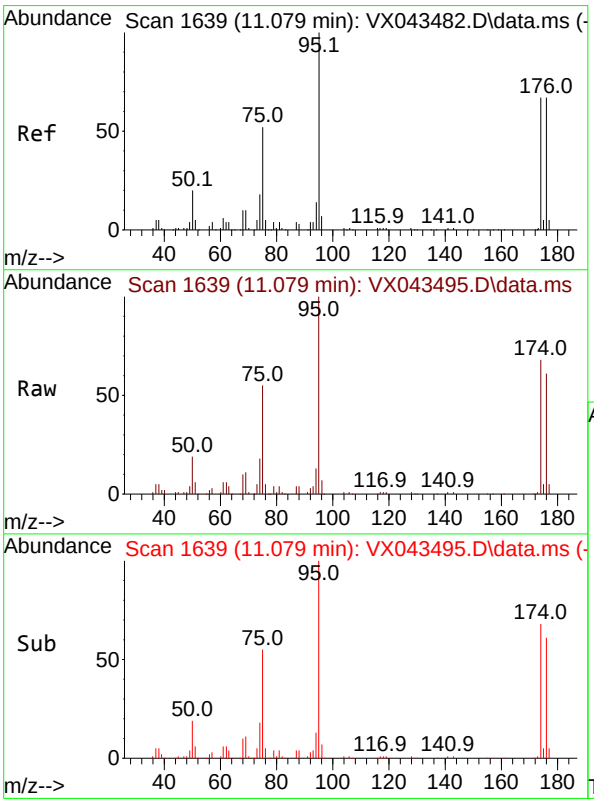
#50
Toluene-d8
Concen: 49.128 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043495.D
Acq: 23 Oct 2024 18:09

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

Tgt Ion: 98 Resp: 175420

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.9	79.3

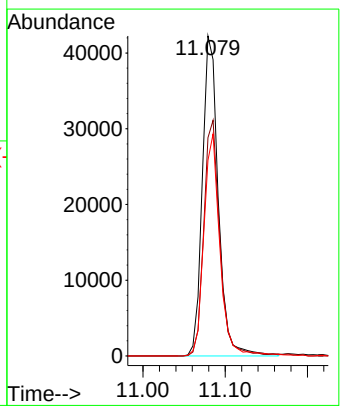


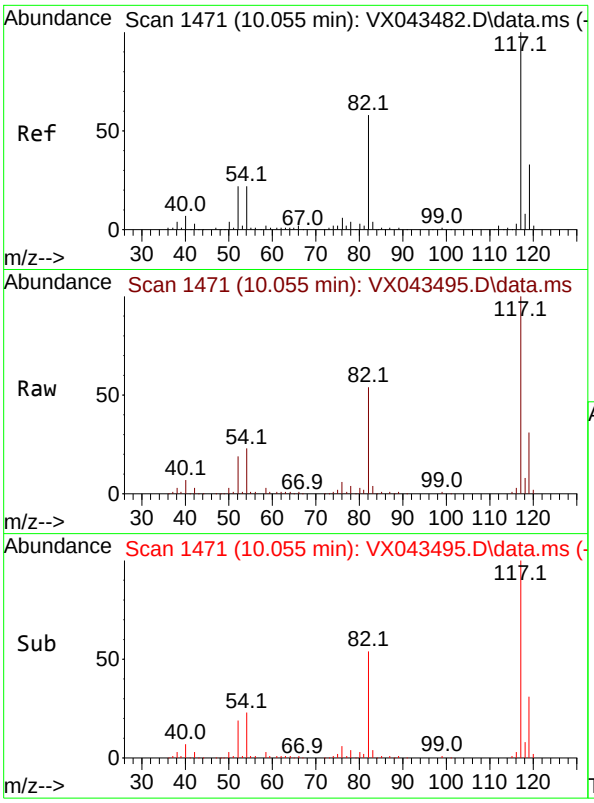


#62
4-Bromofluorobenzene
Concen: 41.869 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043495.D
Acq: 23 Oct 2024 18:09

Tgt Ion: 95 Resp: 57097

Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	148.6
176	69.9	0.0	142.8



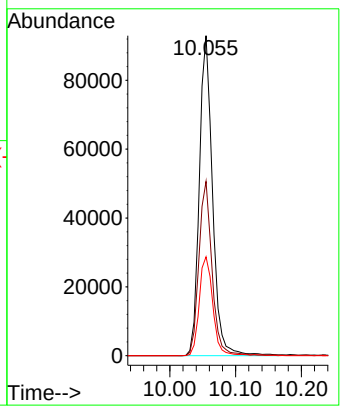


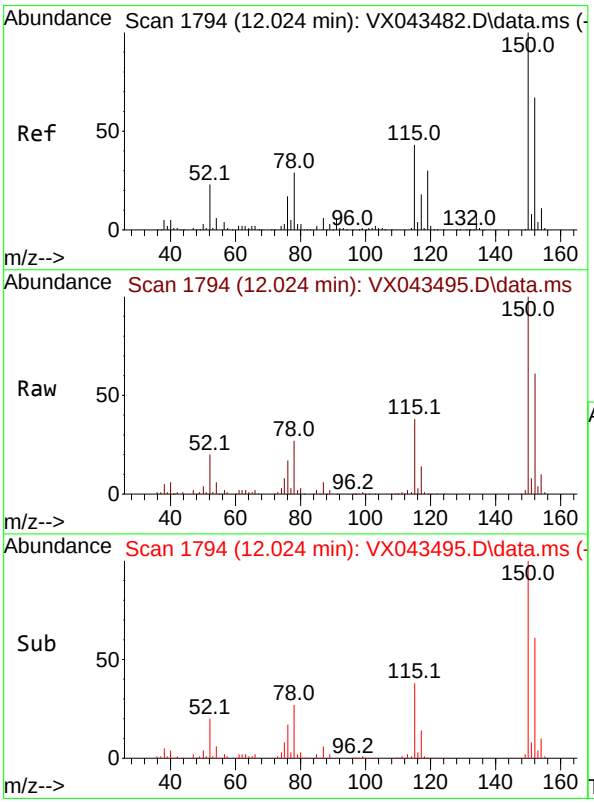
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX043495.D
Acq: 23 Oct 2024 18:09

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

Tgt Ion:117 Resp: 130073

Ion	Ratio	Lower	Upper
117	100		
82	54.4	46.0	69.0
119	30.9	26.2	39.2

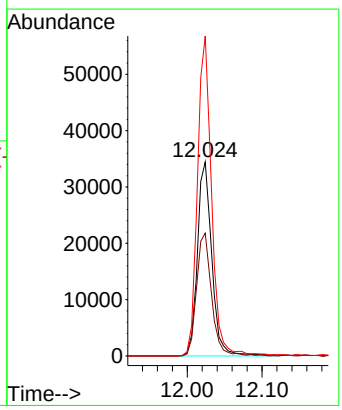




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043495.D
Acq: 23 Oct 2024 18:09

Tgt Ion:152 Resp: 46057

Ion	Ratio	Lower	Upper
152	100		
115	65.5	43.4	130.2
150	162.1	0.0	337.2



Raw Data: **VX043496.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/18/24
Project:	Weekly Storage Blanks	Date Received:	10/18/24
Client Sample ID:	Storage-Blank-SAMPLE-MANAGEMENT	SDG No.:	P4442
Lab Sample ID:	P4442-04	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043496.D	1		10/23/24 18:32	VX102324

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
141-78-6	Ethyl Acetate	0.38	U	0.38	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	UQ	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
75-65-0	Tert butyl alcohol	5.60	UQ	5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
107-02-8	Acrolein	6.70	U	6.70	25.0	ug/L
107-13-1	Acrylonitrile	0.90	U	0.90	5.00	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
108-05-4	Vinyl Acetate	0.71	U	0.71	5.00	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
594-20-7	2,2-Dichloropropane	0.31	U	0.31	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
563-58-6	1,1-Dichloropropene	0.18	U	0.18	1.00	ug/L

Raw Data: **VX043496.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/18/24
Project:	Weekly Storage Blanks	Date Received:	10/18/24
Client Sample ID:	Storage-Blank-SAMPLE-MANAGEMENT	SDG No.:	P4442
Lab Sample ID:	P4442-04	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043496.D	1		10/23/24 18:32	VX102324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
74-95-3	Dibromomethane	0.23	U	0.23	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
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
142-28-9	1,3-Dichloropropane	0.17	U	0.17	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	1.80	U	1.80	5.00	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
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.00	ug/L
67-72-1	Hexachloroethane	0	U	0	0	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
96-18-4	1,2,3-Trichloropropane	0.39	U	0.39	1.00	ug/L
108-86-1	Bromobenzene	0.26	U	0.26	1.00	ug/L
103-65-1	n-propylbenzene	0.14	U	0.14	1.00	ug/L
95-49-8	2-Chlorotoluene	0.16	U	0.16	1.00	ug/L

Raw Data: **VX043496.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/18/24
Project:	Weekly Storage Blanks	Date Received:	10/18/24
Client Sample ID:	Storage-Blank-SAMPLE-MANAGEMENT	SDG No.:	P4442
Lab Sample ID:	P4442-04	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043496.D	1		10/23/24 18:32	VX102324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
106-43-4	4-Chlorotoluene	0.18	U	0.18	1.00	ug/L
98-06-6	tert-Butylbenzene	0.17	U	0.17	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
135-98-8	sec-Butylbenzene	0.17	U	0.17	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.15	U	0.15	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
104-51-8	n-Butylbenzene	0.22	U	0.22	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
87-68-3	Hexachlorobutadiene	0.31	U	0.31	1.00	ug/L
91-20-3	Naphthalene	0.59	U	0.59	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	41.1		74 - 125	82%	SPK: 50
1868-53-7	Dibromofluoromethane	47.2		75 - 124	94%	SPK: 50
2037-26-5	Toluene-d8	49.5		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.9		77 - 121	82%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	85200	5.556			
540-36-3	1,4-Difluorobenzene	154000	6.763			
3114-55-4	Chlorobenzene-d5	131000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	48100	12.024			

Raw Data: **VX043496.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/18/24
Project:	Weekly Storage Blanks	Date Received:	10/18/24
Client Sample ID:	Storage-Blank-SAMPLE-MANAGEMENT	SDG No.:	P4442
Lab Sample ID:	P4442-04	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043496.D	1		10/23/24 18:32	VX102324

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\VX102324\
Data File : VX043496.D
Acq On : 23 Oct 2024 18:32
Operator : JC/MD
Sample : P4442-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Oct 24 06:10:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 2024
Response via : Initial Calibration

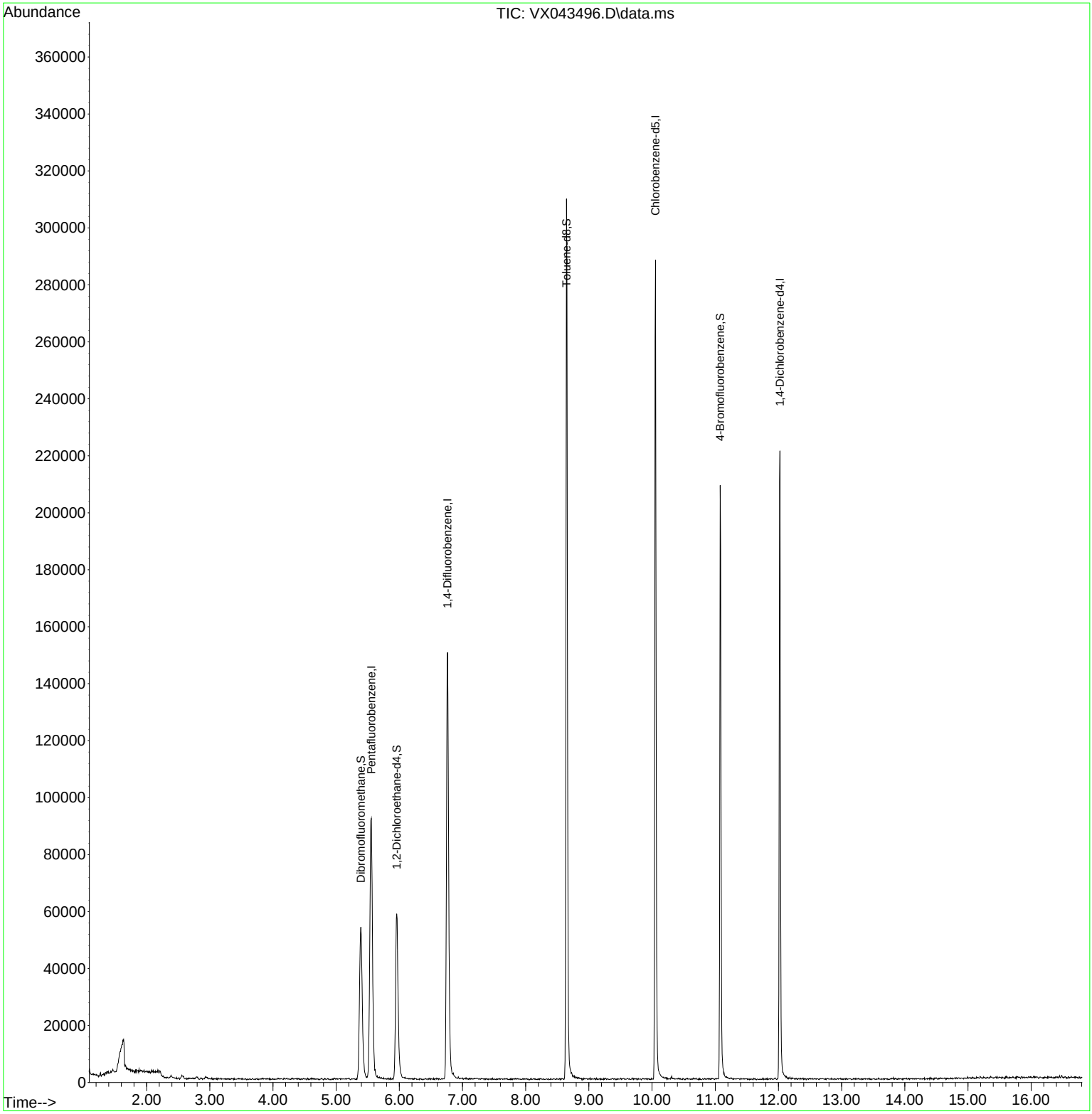
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	85164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	154383	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59991	41.059	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.120%		
35) Dibromofluoromethane	5.391	113	50120	47.197	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.400%		
50) Toluene-d8	8.647	98	184489	49.495	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.980%		
62) 4-Bromofluorobenzene	11.079	95	58174	40.865	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	81.720%		
Target Compounds						Qvalue

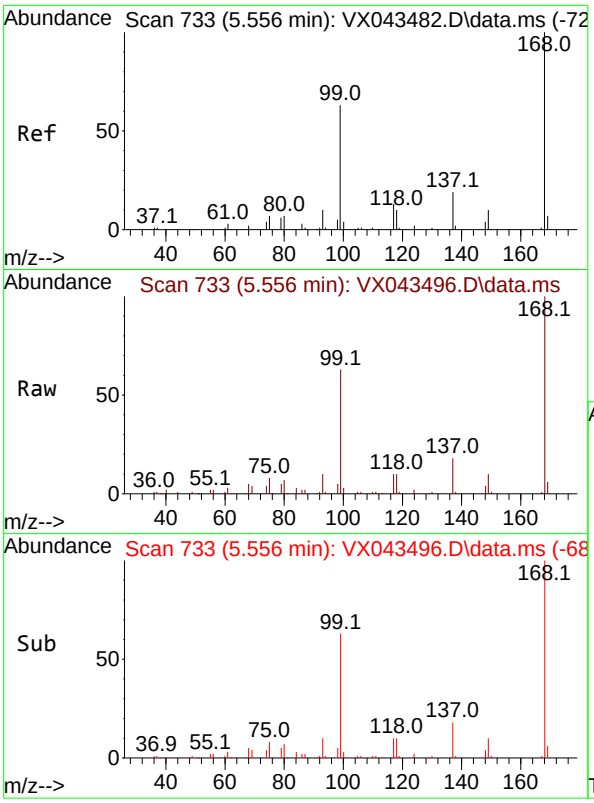
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043496.D
Acq On : 23 Oct 2024 18:32
Operator : JC/MD
Sample : P4442-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Oct 24 06:10:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 2024
Response via : Initial Calibration



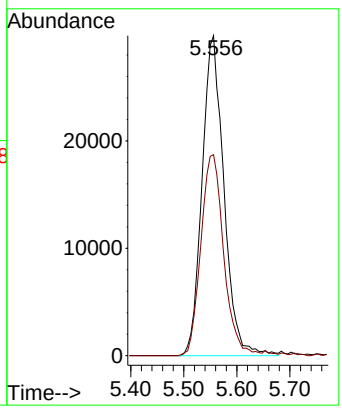


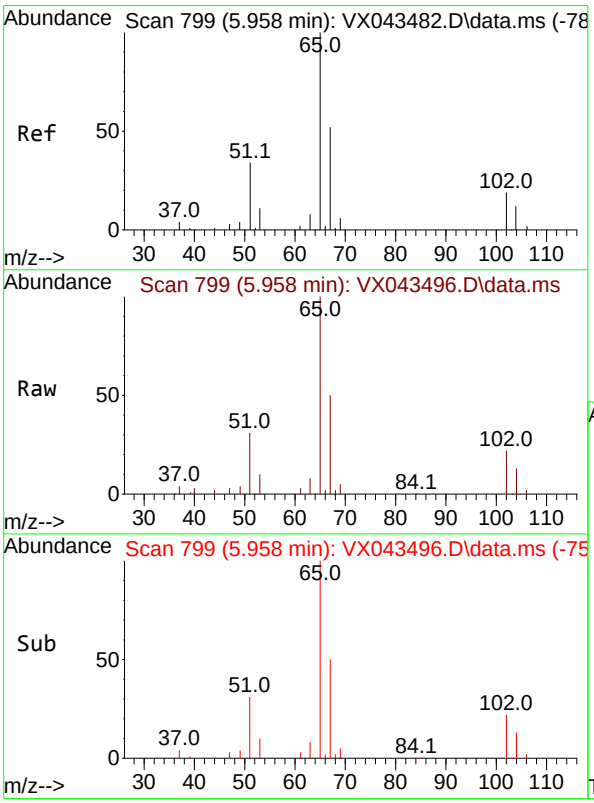
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX043496.D
Acq: 23 Oct 2024 18:32

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion:168 Resp: 85164

Ion	Ratio	Lower	Upper
168	100		
99	62.8	50.7	76.1

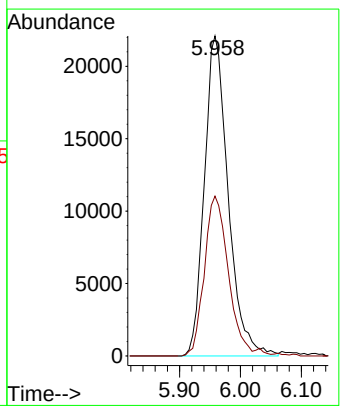


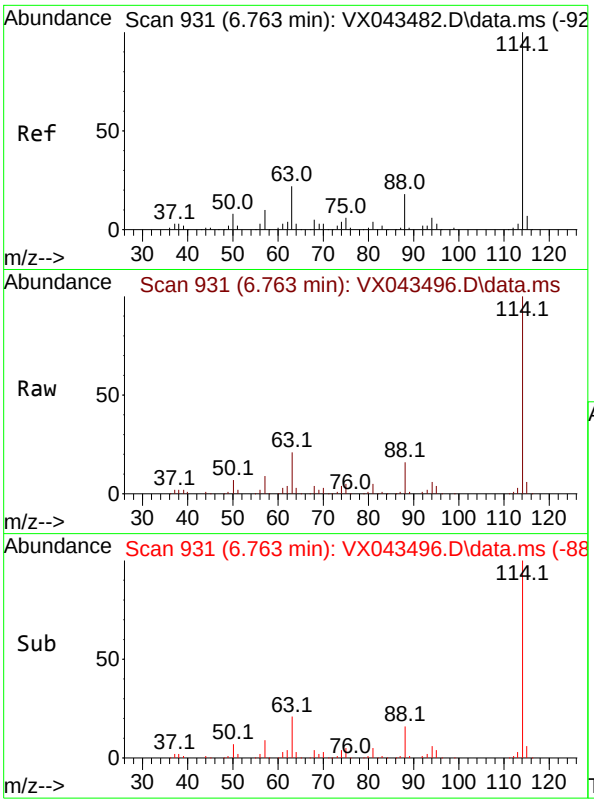


#33
1,2-Dichloroethane-d4
Concen: 41.059 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX043496.D
Acq: 23 Oct 2024 18:32

Tgt Ion: 65 Resp: 59991

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	98.4



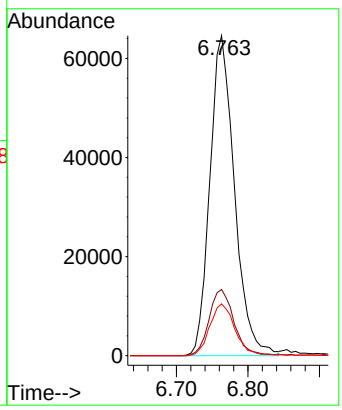


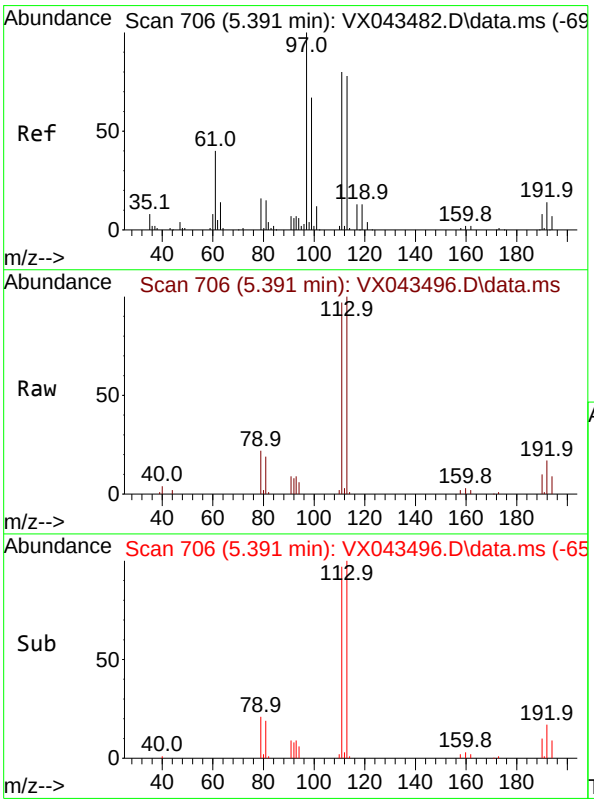
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX043496.D
Acq: 23 Oct 2024 18:32

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion:114 Resp: 154383

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	44.0
88	16.2	0.0	35.2

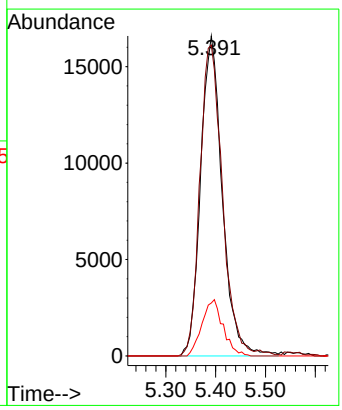


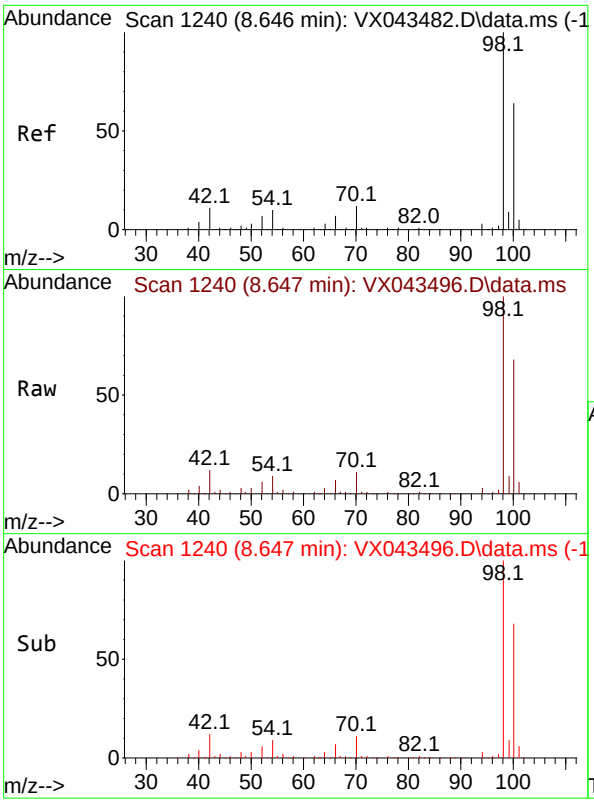


#35
Dibromofluoromethane
Concen: 47.197 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX043496.D
Acq: 23 Oct 2024 18:32

Tgt Ion:113 Resp: 50120

Ion	Ratio	Lower	Upper
113	100		
111	100.1	82.1	123.1
192	17.1	13.8	20.8



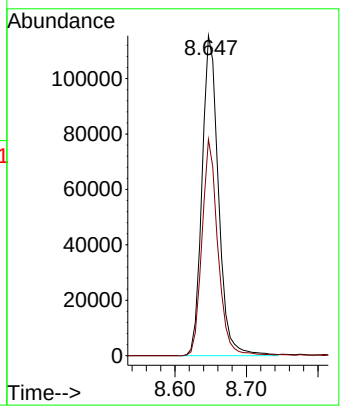


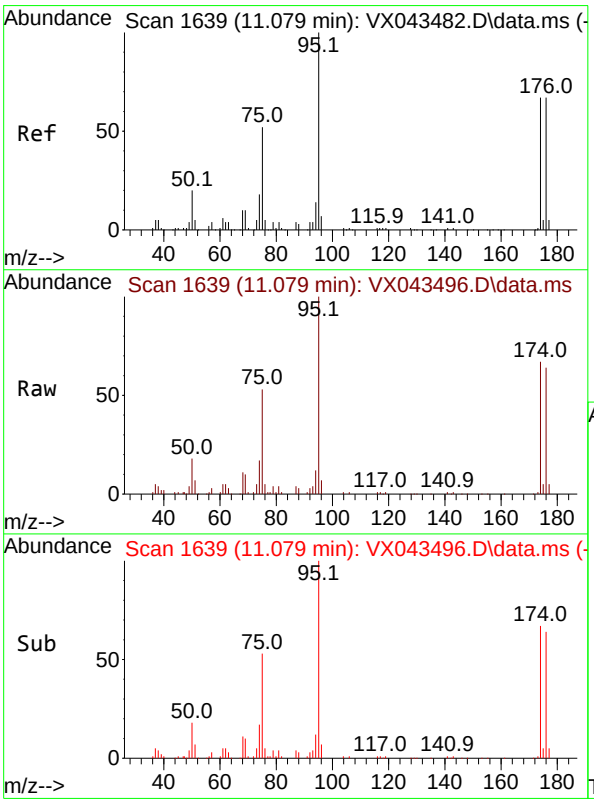
#50
Toluene-d8
Concen: 49.495 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043496.D
Acq: 23 Oct 2024 18:32

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 98 Resp: 184489

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.9	79.3

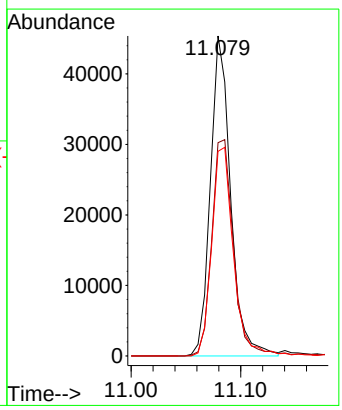


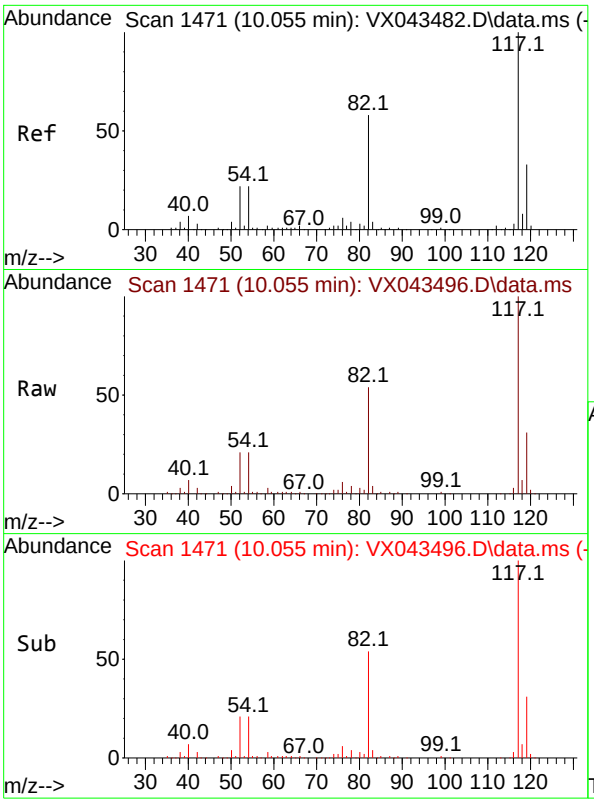


#62
4-Bromofluorobenzene
Concen: 40.865 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043496.D
Acq: 23 Oct 2024 18:32

Tgt Ion: 95 Resp: 58174

Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	148.6
176	70.3	0.0	142.8



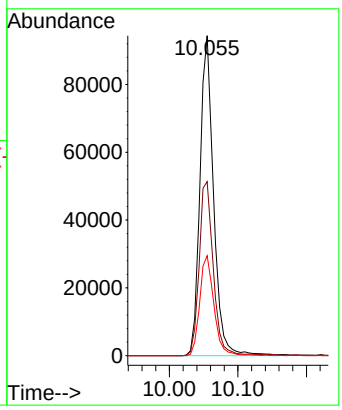


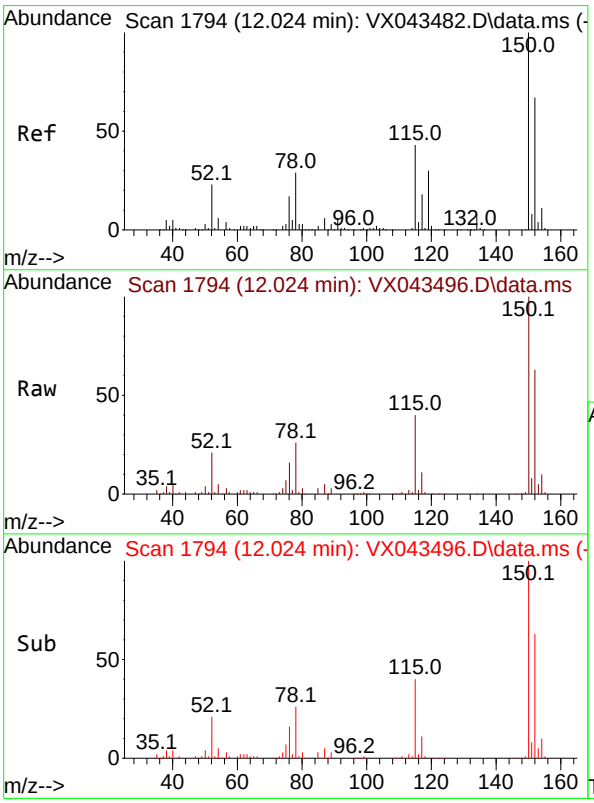
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX043496.D
Acq: 23 Oct 2024 18:32

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion:117 Resp: 130712

Ion	Ratio	Lower	Upper
117	100		
82	54.4	46.0	69.0
119	31.3	26.2	39.2

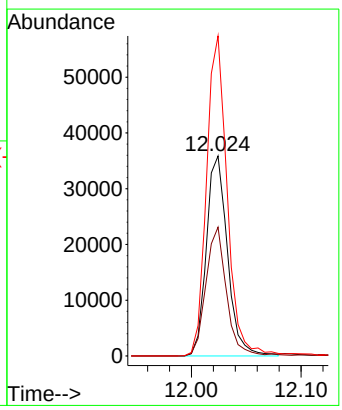




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043496.D
Acq: 23 Oct 2024 18:32

Tgt Ion:152 Resp: 48145

Ion	Ratio	Lower	Upper
152	100		
115	62.9	43.4	130.2
150	157.6	0.0	337.2



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: CHEM02

Lab Code: CHEM Case No.: P4442 SAS No.: P4442 SDG No.: P4442

Instrument ID: MSVOA_X Calibration Date(s): 10/23/2024 10/23/2024

Heated Purge: (Y/N) N Calibration Time(s): 08:59 11:41

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

LAB FILE ID: RRF005 = VX043480.D RRF020 = VX043481.D RRF050 = VX043482.D
RRF100 = VX043483.D RRF150 = VX043484.D RRF001 = VX043486.D

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.623	0.555	0.537	0.522	0.570	0.584	0.565	6.3
Chloromethane	0.783	0.688	0.703	0.652	0.711	0.924	0.743	13.2
Vinyl Chloride	0.740	0.617	0.638	0.606	0.664	0.689	0.659	7.6
Ethyl Acetate	0.512	0.458	0.425	0.415	0.467	0.422	0.450	8.2
Bromomethane	0.354	0.268	0.269	0.258	0.299		0.289	13.6
Chloroethane	0.309	0.237	0.227	0.215	0.231	0.288	0.251	15.1
Trichlorofluoromethane	0.933	0.883	0.868	0.854	0.942	1.032	0.919	7.2
1,1,2-Trichlorotrifluoroethane	0.574	0.524	0.521	0.513	0.566	0.581	0.547	5.6
Tert butyl alcohol	0.117	0.119	0.120	0.116	0.137		0.122	7
1,1-Dichloroethene	0.581	0.530	0.541	0.527	0.581	0.509	0.545	5.4
Acrolein	0.127	0.108	0.116	0.109	0.129		0.118	8.2
Acrylonitrile	0.294	0.285	0.283	0.281	0.323	0.308	0.296	5.6
Acetone	0.355	0.311	0.294	0.272	0.312	0.373	0.319	11.9
Carbon Disulfide	1.079	1.025	1.121	1.155	1.355	1.259	1.166	10.5
Methyl tert-butyl Ether	2.122	1.909	1.995	1.874	2.147	2.017	2.010	5.5
Methyl Acetate	0.974	0.815	0.783	0.759	0.867	1.113	0.885	15.3
Methylene Chloride	0.782	0.657	0.679	0.628	0.701	0.825	0.712	10.7
trans-1,2-Dichloroethene	0.648	0.596	0.606	0.588	0.650	0.707	0.633	7.1
Vinyl Acetate	1.520	1.453	1.556	1.507	1.750	1.357	1.524	8.6
1,1-Dichloroethane	1.305	1.195	1.225	1.168	1.292	1.304	1.248	4.8
Cyclohexane	0.930	0.874	0.849	0.834	0.906		0.879	4.5
2-Butanone	0.474	0.422	0.419	0.399	0.465	0.471	0.442	7.3
Carbon Tetrachloride	0.439	0.421	0.428	0.449	0.470	0.465	0.445	4.4
2,2-Dichloropropane	1.174	0.987	1.020	0.971	1.065	1.036	1.042	7
cis-1,2-Dichloroethene	0.863	0.754	0.783	0.742	0.842	0.797	0.797	6
Bromochloromethane	0.571	0.507	0.560	0.522	0.543	0.532	0.539	4.4
Chloroform	1.459	1.305	1.326	1.256	1.379	1.494	1.370	6.7
1,1,1-Trichloroethane	1.083	1.040	1.068	1.047	1.152	1.164	1.092	4.9
Methylcyclohexane	0.474	0.480	0.462	0.478	0.503	0.520	0.486	4.3
1,1-Dichloropropene	0.425	0.392	0.392	0.401	0.420	0.414	0.407	3.6

* 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.

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: P4442 SAS No.: P4442 SDG No.: P4442

Instrument ID: MSVOA_X Calibration Date(s): 10/23/2024 10/23/2024

Heated Purge: (Y/N) N Calibration Time(s): 08:59 11:41

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

LAB FILE ID: RRF005 = VX043480.D RRF020 = VX043481.D RRF050 = VX043482.D
RRF100 = VX043483.D RRF150 = VX043484.D RRF001 = VX043486.D

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	$\overline{RRF}$	% RSD
Benzene	1.507	1.374	1.362	1.348	1.394	1.434	1.403	4.2
1,2-Dichloroethane	0.535	0.498	0.497	0.486	0.517	0.475	0.501	4.3
Trichloroethene	0.356	0.349	0.328	0.330	0.346	0.449	0.359	12.5
1,2-Dichloropropane	0.343	0.336	0.331	0.327	0.337	0.264	0.323	9.1
Dibromomethane	0.243	0.226	0.226	0.229	0.249	0.212	0.231	5.7
Bromodichloromethane	0.464	0.444	0.462	0.468	0.511	0.443	0.465	5.3
4-Methyl-2-Pentanone	0.433	0.436	0.427	0.425	0.467	0.386	0.429	6
Toluene	0.882	0.859	0.828	0.821	0.862	0.808	0.843	3.4
t-1,3-Dichloropropene	0.410	0.420	0.446	0.467	0.504	0.377	0.437	10.3
cis-1,3-Dichloropropene	0.463	0.478	0.502	0.518	0.557	0.428	0.491	9.1
1,1,2-Trichloroethane	0.307	0.298	0.297	0.297	0.313	0.301	0.302	2.1
1,3-Dichloropropane	0.569	0.525	0.520	0.508	0.534	0.495	0.525	4.8
2-Chloroethyl Vinyl ether	0.192	0.200	0.208	0.206	0.230	0.155	0.198	12.6
2-Hexanone	0.303	0.320	0.315	0.319	0.349	0.305	0.319	5.1
Dibromochloromethane	0.256	0.286	0.311	0.320	0.356	0.248	0.296	13.8
1,2-Dibromoethane	0.303	0.310	0.300	0.304	0.332	0.282	0.305	5.4
Tetrachloroethene	0.370	0.350	0.315	0.321	0.324	0.402	0.347	9.8
Chlorobenzene	1.166	1.063	1.029	1.046	1.117	1.202	1.104	6.3
1,1,1,2-Tetrachloroethane	0.329	0.341	0.346	0.358	0.389	0.328	0.349	6.5
Hexachloroethane	0.440	0.449	0.453	0.503	0.556	0.469	0.478	9.2
Ethyl Benzene	1.797	1.753	1.731	1.772	1.872	1.752	1.779	2.8
m/p-Xylenes	0.677	0.679	0.658	0.677	0.712	0.675	0.680	2.6
o-Xylene	0.703	0.686	0.668	0.673	0.718	0.670	0.687	3
Styrene	1.054	1.133	1.133	1.154	1.244	1.043	1.127	6.5
Bromoform	0.188	0.183	0.193	0.214	0.257	0.159	0.199	16.9
Isopropylbenzene	3.696	3.638	3.364	3.516	3.586	3.784	3.597	4.1
1,1,2,2-Tetrachloroethane	1.160	1.072	0.994	1.008	1.100	1.331	1.111	11.2
1,2,3-Trichloropropane	1.033	0.948	0.899	0.959	1.042	0.991	0.979	5.6
Bromobenzene	0.981	0.908	0.858	0.893	0.910	0.984	0.922	5.4
n-propylbenzene	4.042	4.006	3.847	4.024	4.142	4.430	4.082	4.8

* 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.

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: P4442 SAS No.: P4442 SDG No.: P4442

Instrument ID: MSVOA_X Calibration Date(s): 10/23/2024 10/23/2024

Heated Purge: (Y/N) N Calibration Time(s): 08:59 11:41

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

LAB FILE ID: RRF005 = VX043480.D RRF020 = VX043481.D RRF050 = VX043482.D
RRF100 = VX043483.D RRF150 = VX043484.D RRF001 = VX043486.D

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	$\overline{RRF}$	% RSD
2-Chlorotoluene	3.034	2.796	2.573	2.587	2.665	3.162	2.803	8.7
1,3,5-Trimethylbenzene	3.321	3.170	2.953	3.076	3.113	3.281	3.153	4.3
4-Chlorotoluene	3.133	3.136	2.993	3.049	3.150	4.019	3.247	11.8
tert-Butylbenzene	3.227	2.979	2.800	2.905	2.993	3.017	2.987	4.7
1,2,4-Trimethylbenzene	3.236	3.199	3.049	3.133	3.197	3.566	3.230	5.5
sec-Butylbenzene	3.552	3.616	3.373	3.528	3.603	3.741	3.569	3.4
p-Isopropyltoluene	2.947	3.031	2.928	3.062	3.119	2.957	3.007	2.5
1,3-Dichlorobenzene	1.669	1.670	1.622	1.651	1.715	2.098	1.738	10.3
1,4-Dichlorobenzene	1.926	1.650	1.605	1.677	1.673	2.430	1.827	17.3
n-Butylbenzene	2.302	2.435	2.371	2.606	2.735	2.538	2.498	6.4
1,2-Dichlorobenzene	1.790	1.649	1.579	1.622	1.669	2.114	1.737	11.4
1,2-Dibromo-3-Chloropropane	0.209	0.192	0.198	0.217	0.246	0.136	0.200	18.2
1,2,4-Trichlorobenzene	0.844	0.873	0.894	0.967	1.055	1.273	0.984	16.3
Hexachlorobutadiene	0.371	0.359	0.349	0.363	0.384	0.411	0.373	5.9
Naphthalene	2.593	2.614	2.662	2.844	3.153	3.996	2.977	18.2
1,2,3-Trichlorobenzene	0.929	0.884	0.892	0.924	1.012	1.211	0.975	12.7
1,2-Dichloroethane-d4	0.919	0.861	0.886	0.755	0.868		0.858	7.2
Dibromofluoromethane	0.337	0.344	0.361	0.322	0.357		0.344	4.6
Toluene-d8	1.176	1.230	1.265	1.144	1.222		1.207	3.9
4-Bromofluorobenzene	0.415	0.458	0.469	0.424	0.468		0.447	5.7

* 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 : 82X102324W.M
Title : SW846 8260
Last Update : Thu Oct 24 04:54:33 2024
Response Via : Initial Calibration

Calibration Files
1 =VX043486.D 5 =VX043480.D 20 =VX043481.D 50 =VX043482.D 100 =VX043483.D 150 =VX043484.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.584	0.623	0.555	0.537	0.522	0.570	0.565	6.32
3)	P	Chloromethane	0.924	0.783	0.688	0.703	0.652	0.711	0.743	13.23
4)	C	Vinyl Chloride	0.689	0.740	0.617	0.638	0.606	0.664	0.659	7.56#
5)	T	Bromomethane		0.354	0.268	0.269	0.258	0.299	0.289	13.55
6)	T	Chloroethane	0.288	0.309	0.237	0.227	0.215	0.231	0.251	15.08
7)	T	Trichlorofluor...	1.032	0.933	0.883	0.868	0.854	0.942	0.919	7.15
8)	T	Diethyl Ether	0.471	0.398	0.352	0.372	0.348	0.393	0.389	11.57
9)	T	1,1,2-Trichlor...	0.581	0.574	0.524	0.521	0.513	0.566	0.547	5.58
10)	T	Methyl Iodide		0.635	0.683	0.732	0.706	0.785	0.708	7.90
11)	T	Tert butyl alc...		0.117	0.119	0.120	0.116	0.137	0.122	7.03
12)	CM	1,1-Dichloroet...	0.509	0.581	0.530	0.541	0.527	0.581	0.545	5.45#
13)	T	Acrolein		0.127	0.108	0.116	0.109	0.129	0.118	8.25
14)	T	Allyl chloride	1.288	1.026	0.950	0.997	0.973	1.092	1.054	11.80
15)	T	Acrylonitrile	0.308	0.294	0.285	0.283	0.281	0.323	0.296	5.63
16)	T	Acetone	0.373	0.355	0.311	0.294	0.272	0.312	0.319	11.89
17)	T	Carbon Disulfide	1.259	1.079	1.025	1.121	1.155	1.355	1.166	10.46
18)	T	Methyl Acetate	1.113	0.974	0.815	0.783	0.759	0.867	0.885	15.27
19)	T	Methyl tert-bu...	2.017	2.122	1.909	1.995	1.874	2.147	2.010	5.46
20)	T	Methylene Chlo...	0.825	0.782	0.657	0.679	0.628	0.701	0.712	10.67
21)	T	trans-1,2-Dich...	0.707	0.648	0.596	0.606	0.588	0.650	0.633	7.10
22)	T	Diisopropyl ether	2.175	2.217	2.044	2.134	2.007	2.233	2.135	4.32
23)	T	Vinyl Acetate	1.357	1.520	1.453	1.556	1.507	1.750	1.524	8.56
24)	P	1,1-Dichloroet...	1.304	1.305	1.195	1.225	1.168	1.292	1.248	4.81
25)	T	2-Butanone	0.471	0.474	0.422	0.419	0.399	0.465	0.442	7.33
26)	T	2,2-Dichloropr...	1.035	1.174	0.987	1.020	0.971	1.065	1.042	7.00
27)	T	cis-1,2-Dichlo...	0.797	0.863	0.754	0.783	0.742	0.842	0.797	6.03
28)	T	Bromochloromet...	0.532	0.571	0.507	0.560	0.522	0.543	0.539	4.43
29)	T	Tetrahydrofuran	0.278	0.291	0.270	0.263	0.252	0.295	0.275	5.98
30)	C	Chloroform	1.494	1.459	1.305	1.326	1.256	1.379	1.370	6.74#
31)	T	Cyclohexane		0.930	0.874	0.849	0.834	0.906	0.879	4.49
32)	T	1,1,1-Trichlor...	1.164	1.083	1.040	1.068	1.047	1.152	1.092	4.85
33)	S	1,2-Dichloroet...		0.919	0.861	0.886	0.755	0.868	0.858	7.18
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.337	0.344	0.361	0.322	0.357	0.344	4.60
36)	T	1,1-Dichloropr...	0.414	0.425	0.392	0.392	0.401	0.420	0.407	3.56
37)	T	Ethyl Acetate	0.422	0.512	0.458	0.425	0.415	0.467	0.450	8.18
38)	T	Carbon Tetrach...	0.465	0.439	0.421	0.428	0.449	0.470	0.445	4.42
39)	T	Methylcyclohexane	0.520	0.474	0.480	0.462	0.478	0.503	0.486	4.34
40)	TM	Benzene	1.434	1.507	1.374	1.362	1.348	1.394	1.403	4.21
41)	T	Methacrylonitrile	0.149	0.240	0.207	0.223	0.226	0.247	0.215	16.35
42)	TM	1,2-Dichloroet...	0.475	0.535	0.498	0.497	0.486	0.517	0.501	4.32
43)	T	Isopropyl Acetate	0.772	0.737	0.694	0.680	0.703	0.772	0.726	5.54
44)	TM	Trichloroethene	0.449	0.356	0.349	0.328	0.330	0.346	0.359	12.54
45)	C	1,2-Dichloropr...	0.264	0.343	0.336	0.331	0.327	0.337	0.323	9.09#
46)	T	Dibromomethane	0.212	0.243	0.226	0.226	0.229	0.249	0.231	5.68
47)	T	Bromodichlorom...	0.443	0.464	0.444	0.462	0.468	0.511	0.465	5.30
48)	T	Methyl methacr...	0.308	0.357	0.330	0.332	0.337	0.376	0.340	7.01
49)	T	1,4-Dioxane	0.004	0.006	0.006	0.006	0.006	0.007	0.006	17.14
50)	S	Toluene-d8		1.176	1.230	1.265	1.144	1.222	1.207	3.94
51)	T	4-Methyl-2-Pen...	0.386	0.433	0.436	0.427	0.425	0.467	0.429	6.00
52)	CM	Toluene	0.808	0.882	0.859	0.828	0.821	0.862	0.843	3.37#
53)	T	t-1,3-Dichloro...	0.377	0.410	0.420	0.446	0.467	0.504	0.437	10.26
54)	T	cis-1,3-Dichlo...	0.428	0.463	0.478	0.502	0.518	0.557	0.491	9.14
55)	T	1,1,2-Trichlor...	0.301	0.307	0.298	0.297	0.297	0.313	0.302	2.10
56)	T	Ethyl methacry...	0.383	0.453	0.442	0.456	0.465	0.517	0.453	9.54

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X102324W.M

57)	T	1,3-Dichloropr...	0.495	0.569	0.525	0.520	0.508	0.534	0.525	4.83
58)	T	2-Chloroethyl ...	0.155	0.192	0.200	0.208	0.206	0.230	0.198	12.55
59)	T	2-Hexanone	0.305	0.303	0.320	0.315	0.319	0.349	0.319	5.14
60)	T	Dibromochlorom...	0.248	0.256	0.286	0.311	0.320	0.356	0.296	13.77
61)	T	1,2-Dibromoethane	0.282	0.303	0.310	0.300	0.304	0.332	0.305	5.35
62)	S	4-Bromofluorob...		0.415	0.458	0.469	0.424	0.468	0.447	5.70
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.402	0.370	0.350	0.315	0.321	0.324	0.347	9.78
65)	PM	Chlorobenzene	1.202	1.166	1.063	1.029	1.046	1.117	1.104	6.31
66)	T	1,1,1,2-Tetrac...	0.328	0.329	0.341	0.346	0.358	0.389	0.349	6.54
67)	C	Ethyl Benzene	1.752	1.797	1.753	1.731	1.772	1.872	1.779	2.83#
68)	T	m/p-Xylenes	0.675	0.677	0.679	0.658	0.677	0.712	0.680	2.59
69)	T	o-Xylene	0.670	0.703	0.686	0.668	0.673	0.718	0.687	2.97
70)	T	Styrene	1.043	1.054	1.133	1.133	1.154	1.244	1.127	6.52
71)	P	Bromoform	0.159	0.188	0.183	0.193	0.214	0.257	0.199	16.86
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.784	3.696	3.638	3.364	3.516	3.586	3.597	4.08
74)	T	N-amyl acetate	1.536	1.471	1.392	1.337	1.435	1.583	1.459	6.24
75)	P	1,1,2,2-Tetrac...	1.331	1.160	1.072	0.994	1.008	1.100	1.111	11.16
76)	T	1,2,3-Trichlor...	0.991	1.033	0.948	0.899	0.959	1.042	0.979	5.56
77)	T	Bromobenzene	0.984	0.981	0.908	0.858	0.893	0.910	0.922	5.44
78)	T	n-propylbenzene	4.430	4.042	4.006	3.847	4.024	4.142	4.082	4.78
79)	T	2-Chlorotoluene	3.162	3.034	2.796	2.573	2.587	2.665	2.803	8.74
80)	T	1,3,5-Trimethy...	3.281	3.321	3.170	2.953	3.076	3.113	3.153	4.31
81)	T	trans-1,4-Dich...		0.248	0.234	0.246	0.295	0.335	0.272	15.66
82)	T	4-Chlorotoluene	4.019	3.133	3.136	2.993	3.049	3.150	3.247	11.81
83)	T	tert-Butylbenzene	3.017	3.227	2.979	2.800	2.905	2.993	2.987	4.74
84)	T	1,2,4-Trimethy...	3.566	3.236	3.199	3.049	3.132	3.197	3.230	5.49
85)	T	sec-Butylbenzene	3.741	3.552	3.616	3.373	3.528	3.603	3.569	3.39
86)	T	p-Isopropyltol...	2.957	2.947	3.031	2.928	3.062	3.119	3.007	2.51
87)	T	1,3-Dichlorobe...	2.098	1.669	1.670	1.622	1.651	1.715	1.737	10.30
88)	T	1,4-Dichlorobe...	2.430	1.926	1.650	1.605	1.677	1.673	1.827	17.32
89)	T	n-Butylbenzene	2.538	2.302	2.435	2.371	2.606	2.735	2.498	6.39
90)	T	Hexachloroethane	0.469	0.440	0.449	0.453	0.503	0.556	0.478	9.23
91)	T	1,2-Dichlorobe...	2.114	1.790	1.649	1.579	1.622	1.669	1.737	11.38
92)	T	1,2-Dibromo-3-...	0.136	0.209	0.192	0.198	0.217	0.246	0.200	18.25
93)	T	1,2,4-Trichlor...	1.273	0.844	0.873	0.894	0.967	1.054	0.984	16.32
94)	T	Hexachlorobuta...	0.411	0.371	0.359	0.349	0.363	0.384	0.373	5.92
95)	T	Naphthalene	3.996	2.593	2.614	2.662	2.844	3.153	2.977	18.19
96)	T	1,2,3-Trichlor...	1.211	0.929	0.884	0.892	0.924	1.012	0.975	12.74

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043480.D
Acq On : 23 Oct 2024 08:59
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 04:26:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.549	168	74023	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.757	114	143050	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	124287	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54502	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.964	65	6800	5.355	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 10.700%#				
35) Dibromofluoromethane	5.385	113	4815	4.893	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 9.780%#				
50) Toluene-d8	8.653	98	16820	4.870	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 9.740%#				
62) 4-Bromofluorobenzene	11.085	95	5932	4.497	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 9.000%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.172	85	4609	5.509	ug/l		95
3) Chloromethane	1.294	50	5797	5.267	ug/l		92
4) Vinyl Chloride	1.379	62	5476	5.613	ug/l		94
5) Bromomethane	1.599	94	2620	6.116	ug/l		100
6) Chloroethane	1.672	64	2289	6.154	ug/l		95
7) Trichlorofluoromethane	1.861	101	6910	5.081	ug/l		93
8) Diethyl Ether	2.141	74	2944	5.114	ug/l		83
9) 1,1,2-Trichlorotrifluo...	2.318	101	4249	5.251	ug/l		98
10) Methyl Iodide	2.440	142	4698	4.480	ug/l		99
11) Tert butyl alcohol	3.013	59	4345m	24.017	ug/l		
12) 1,1-Dichloroethene	2.312	96	4300	5.330	ug/l		96
13) Acrolein	2.245	56	4699	25.513	ug/l		97
14) Allyl chloride	2.660	41	7596	4.866	ug/l		98
15) Acrylonitrile	3.080	53	10871	24.845	ug/l		98
16) Acetone	2.398	43	13140	27.782	ug/l		91
17) Carbon Disulfide	2.507	76	7988	4.629	ug/l	#	92
18) Methyl Acetate	2.715	43	7209	5.500	ug/l		94
19) Methyl tert-butyl Ether	3.129	73	15707	5.277	ug/l		94
20) Methylene Chloride	2.794	84	5785	5.489	ug/l		93
21) trans-1,2-Dichloroethene	3.093	96	4793	5.118	ug/l		94
22) Diisopropyl ether	3.775	45	16410	5.192	ug/l		93
23) Vinyl Acetate	3.733	43	56257	25.251	ug/l		97
24) 1,1-Dichloroethane	3.611	63	9659	5.226	ug/l		95
25) 2-Butanone	4.592	43	17551	29.919	ug/l		98
26) 2,2-Dichloropropane	4.476	77	8693	5.634	ug/l		95
27) cis-1,2-Dichloroethene	4.489	96	6388	5.415	ug/l		94
28) Bromochloromethane	4.897	49	4227	5.295	ug/l	#	93
29) Tetrahydrofuran	5.025	42	10757	26.438	ug/l		96
30) Chloroform	5.098	83	10799	5.325	ug/l		88
31) Cyclohexane	5.464	56	6881	5.290	ug/l	#	95
32) 1,1,1-Trichloroethane	5.379	97	8016	4.957	ug/l		95
36) 1,1-Dichloropropene	5.696	75	6085	5.222	ug/l		99
37) Ethyl Acetate	4.732	43	7322m	5.610	ug/l		
38) Carbon Tetrachloride	5.677	117	6283	4.933	ug/l	#	85
39) Methylcyclohexane	7.378	83	6780	4.876	ug/l	#	80
40) Benzene	6.037	78	21558	5.370	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043480.D
Acq On : 23 Oct 2024 08:59
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Quant Time: Oct 24 04:26:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.946	41	3435m	5.993	ug/l		
42) 1,2-Dichloroethane	6.092	62	7660	5.340	ug/l		94
43) Isopropyl Acetate	6.354	43	10545	5.143	ug/l		98
44) Trichloroethene	7.128	130	5089	5.142	ug/l		93
45) 1,2-Dichloropropane	7.433	63	4910	5.315	ug/l	#	85
46) Dibromomethane	7.580	93	3480	5.270	ug/l		95
47) Bromodichloromethane	7.823	83	6643	4.991	ug/l	#	94
48) Methyl methacrylate	7.708	41	5108	5.765	ug/l		97
49) 1,4-Dioxane	7.683	88	1831	108.248	ug/l	#	89
51) 4-Methyl-2-Pentanone	8.579	43	30989	25.242	ug/l		99
52) Toluene	8.720	92	12610	5.228	ug/l		97
53) t-1,3-Dichloropropene	8.988	75	5863	4.686	ug/l		93
54) cis-1,3-Dichloropropene	8.372	75	6626	4.714	ug/l	#	88
55) 1,1,2-Trichloroethane	9.159	97	4387	5.075	ug/l		98
56) Ethyl methacrylate	9.128	69	6482	5.072	ug/l		94
57) 1,3-Dichloropropane	9.311	76	8135	5.414	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.250	63	13701	24.139	ug/l		98
59) 2-Hexanone	9.439	43	21691	24.753	ug/l		99
60) Dibromochloromethane	9.524	129	3669	4.329	ug/l		91
61) 1,2-Dibromoethane	9.616	107	4338	4.969	ug/l		99
64) Tetrachloroethene	9.274	164	4596	5.329	ug/l		96
65) Chlorobenzene	10.079	112	14492	5.282	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.164	131	4095	4.724	ug/l		89
67) Ethyl Benzene	10.195	91	22330	5.049	ug/l		100
68) m/p-Xylenes	10.305	106	16823	9.957	ug/l		95
69) o-Xylene	10.640	106	8737	5.120	ug/l		94
70) Styrene	10.658	104	13103	4.757	ug/l		96
71) Bromoform	10.798	173	2340	4.728	ug/l	#	91
73) Isopropylbenzene	10.963	105	20145	5.137	ug/l		94
74) N-amyl acetate	10.847	43	8017	5.453	ug/l		95
75) 1,1,2,2-Tetrachloroethane	11.213	83	6320	5.220	ug/l		99
76) 1,2,3-Trichloropropane	11.244	75	5630m	5.067	ug/l		
77) Bromobenzene	11.201	156	5345	5.317	ug/l		98
78) n-propylbenzene	11.304	91	22028	4.951	ug/l		99
79) 2-Chlorotoluene	11.365	91	16536	5.412	ug/l		93
80) 1,3,5-Trimethylbenzene	11.451	105	18102	5.268	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	1349	4.558	ug/l		90
82) 4-Chlorotoluene	11.457	91	17078	4.825	ug/l		96
83) tert-Butylbenzene	11.713	119	17587	5.402	ug/l		96
84) 1,2,4-Trimethylbenzene	11.756	105	17635	5.009	ug/l		98
85) sec-Butylbenzene	11.890	105	19359	4.977	ug/l		99
86) p-Isopropyltoluene	12.012	119	16062	4.900	ug/l		94
87) 1,3-Dichlorobenzene	11.969	146	9098	4.804	ug/l		91
88) 1,4-Dichlorobenzene	12.042	146	10497	5.252	ug/l		94
89) n-Butylbenzene	12.335	91	12547	4.608	ug/l		98
90) Hexachloroethane	12.536	117	2399	4.600	ug/l		92
91) 1,2-Dichlorobenzene	12.341	146	9755	5.152	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	12.944	75	1138	5.230	ug/l		92
93) 1,2,4-Trichlorobenzene	13.591	180	4599	4.287	ug/l		97
94) Hexachlorobutadiene	13.725	225	2023	4.979	ug/l		86
95) Naphthalene	13.774	128	14131	4.236	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	5062	4.761	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043480.D
Acq On : 23 Oct 2024 08:59
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Quant Time: Oct 24 04:26:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 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

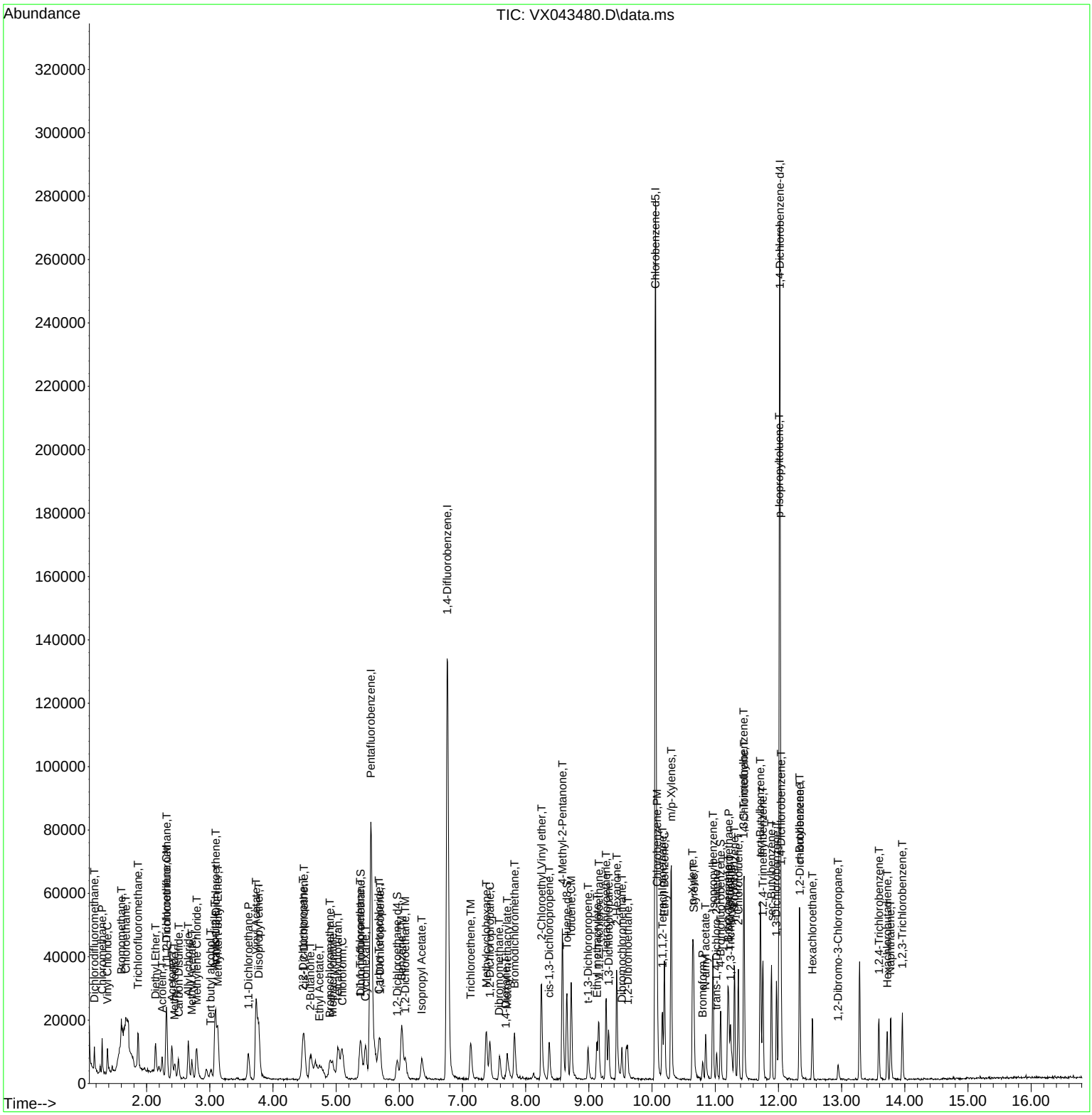
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043480.D
Acq On : 23 Oct 2024 08:59
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 04:26:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043481.D
Acq On : 23 Oct 2024 09:22
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Quant Time: Oct 24 04:27:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	78267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	147132	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	26960	20.078	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	40.160%#		
35) Dibromofluoromethane	5.397	113	20220	19.979	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.960%#		
50) Toluene-d8	8.647	98	72361	20.370	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	40.740%#		
62) 4-Bromofluorobenzene	11.079	95	26929	19.849	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	39.700%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	17373	19.640	ug/l	91
3) Chloromethane	1.294	50	21524	18.496	ug/l	98
4) Vinyl Chloride	1.380	62	19331	18.740	ug/l	97
5) Bromomethane	1.599	94	8377	18.494	ug/l	97
6) Chloroethane	1.672	64	7434	18.903	ug/l	89
7) Trichlorofluoromethane	1.867	101	27647	19.228	ug/l	97
8) Diethyl Ether	2.142	74	11007	18.084	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	16406	19.176	ug/l	97
10) Methyl Iodide	2.447	142	21393	19.296	ug/l	95
11) Tert butyl alcohol	3.014	59	18693m	97.724	ug/l	
12) 1,1-Dichloroethene	2.312	96	16608	19.470	ug/l	95
13) Acrolein	2.245	56	16848	86.514	ug/l	94
14) Allyl chloride	2.660	41	29739	18.019	ug/l	99
15) Acrylonitrile	3.075	53	44572	96.345	ug/l	98
16) Acetone	2.398	43	48750	97.482	ug/l	98
17) Carbon Disulfide	2.501	76	32078	17.580	ug/l	96
18) Methyl Acetate	2.715	43	25521	18.415	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	59759	18.989	ug/l	95
20) Methylene Chloride	2.788	84	20575	18.463	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	18667	18.853	ug/l	96
22) Diisopropyl ether	3.769	45	64001	19.150	ug/l	92
23) Vinyl Acetate	3.727	43	227420	96.543	ug/l	99
24) 1,1-Dichloroethane	3.605	63	37418	19.149	ug/l	98
25) 2-Butanone	4.580	43	66018	106.439	ug/l	98
26) 2,2-Dichloropropane	4.477	77	30900	18.940	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	23599	18.921	ug/l	98
28) Bromochloromethane	4.897	49	15879	18.812	ug/l	95
29) Tetrahydrofuran	5.025	42	42293	98.307	ug/l	97
30) Chloroform	5.099	83	40855	19.054	ug/l	99
31) Cyclohexane	5.470	56	27357	19.891	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	32563	19.046	ug/l	98
36) 1,1-Dichloropropene	5.690	75	23052	19.234	ug/l	98
37) Ethyl Acetate	4.739	43	26944m	20.071	ug/l	
38) Carbon Tetrachloride	5.678	117	24749	18.891	ug/l	93
39) Methylcyclohexane	7.379	83	28237	19.744	ug/l	97
40) Benzene	6.037	78	80855	19.581	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043481.D
Acq On : 23 Oct 2024 09:22
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 04:27:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	12176	20.652	ug/l		93
42) 1,2-Dichloroethane	6.092	62	29280	19.844	ug/l		98
43) Isopropyl Acetate	6.348	43	40854	19.373	ug/l		98
44) Trichloroethene	7.129	130	20531	20.169	ug/l		84
45) 1,2-Dichloropropane	7.427	63	19770	20.807	ug/l		91
46) Dibromomethane	7.586	93	13287	19.562	ug/l		98
47) Bromodichloromethane	7.824	83	26116	19.075	ug/l		94
48) Methyl methacrylate	7.702	41	19445	21.339	ug/l		95
49) 1,4-Dioxane	7.677	88	7414m	426.152	ug/l		
51) 4-Methyl-2-Pentanone	8.580	43	128230	101.553	ug/l		99
52) Toluene	8.720	92	50535	20.368	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	24708	19.202	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	28148	19.471	ug/l		100
55) 1,1,2-Trichloroethane	9.153	97	17537	19.726	ug/l		95
56) Ethyl methacrylate	9.122	69	26015	19.792	ug/l		98
57) 1,3-Dichloropropane	9.311	76	30901	19.996	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.244	63	58944	100.969	ug/l		98
59) 2-Hexanone	9.433	43	94228	104.544	ug/l		98
60) Dibromochloromethane	9.525	129	16840	19.317	ug/l		95
61) 1,2-Dibromoethane	9.610	107	18259	20.333	ug/l		97
64) Tetrachloroethene	9.275	164	18065	20.154	ug/l		94
65) Chlorobenzene	10.079	112	54935	19.265	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.165	131	17596	19.532	ug/l		97
67) Ethyl Benzene	10.195	91	90559	19.700	ug/l		100
68) m/p-Xylenes	10.299	106	70193	39.973	ug/l		100
69) o-Xylene	10.640	106	35454	19.991	ug/l		96
70) Styrene	10.659	104	58533	20.449	ug/l		100
71) Bromoform	10.799	173	9435	18.342	ug/l	#	98
73) Isopropylbenzene	10.963	105	86042	20.224	ug/l		100
74) N-amyl acetate	10.848	43	32933	20.645	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.213	83	25367	19.309	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	22425m	18.601	ug/l		
77) Bromobenzene	11.201	156	21473	19.686	ug/l		98
78) n-propylbenzene	11.305	91	94765	19.630	ug/l		100
79) 2-Chlorotoluene	11.366	91	66134	19.950	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	74988	20.113	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	5532	17.226	ug/l		93
82) 4-Chlorotoluene	11.457	91	74184	19.319	ug/l		98
83) tert-Butylbenzene	11.713	119	70467	19.948	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	75667	19.809	ug/l		100
85) sec-Butylbenzene	11.890	105	85525	20.264	ug/l		98
86) p-Isopropyltoluene	12.006	119	71694	20.158	ug/l		97
87) 1,3-Dichlorobenzene	11.969	146	39495	19.220	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	39021	17.995	ug/l		97
89) n-Butylbenzene	12.335	91	57602	19.498	ug/l		97
90) Hexachloroethane	12.536	117	10612	18.755	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	39011	18.991	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4543	19.245	ug/l		94
93) 1,2,4-Trichlorobenzene	13.585	180	20647	17.740	ug/l		99
94) Hexachlorobutadiene	13.725	225	8484	19.246	ug/l		99
95) Naphthalene	13.774	128	61834	17.083	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	20907	18.125	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043481.D
Acq On : 23 Oct 2024 09:22
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Quant Time: Oct 24 04:27:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 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

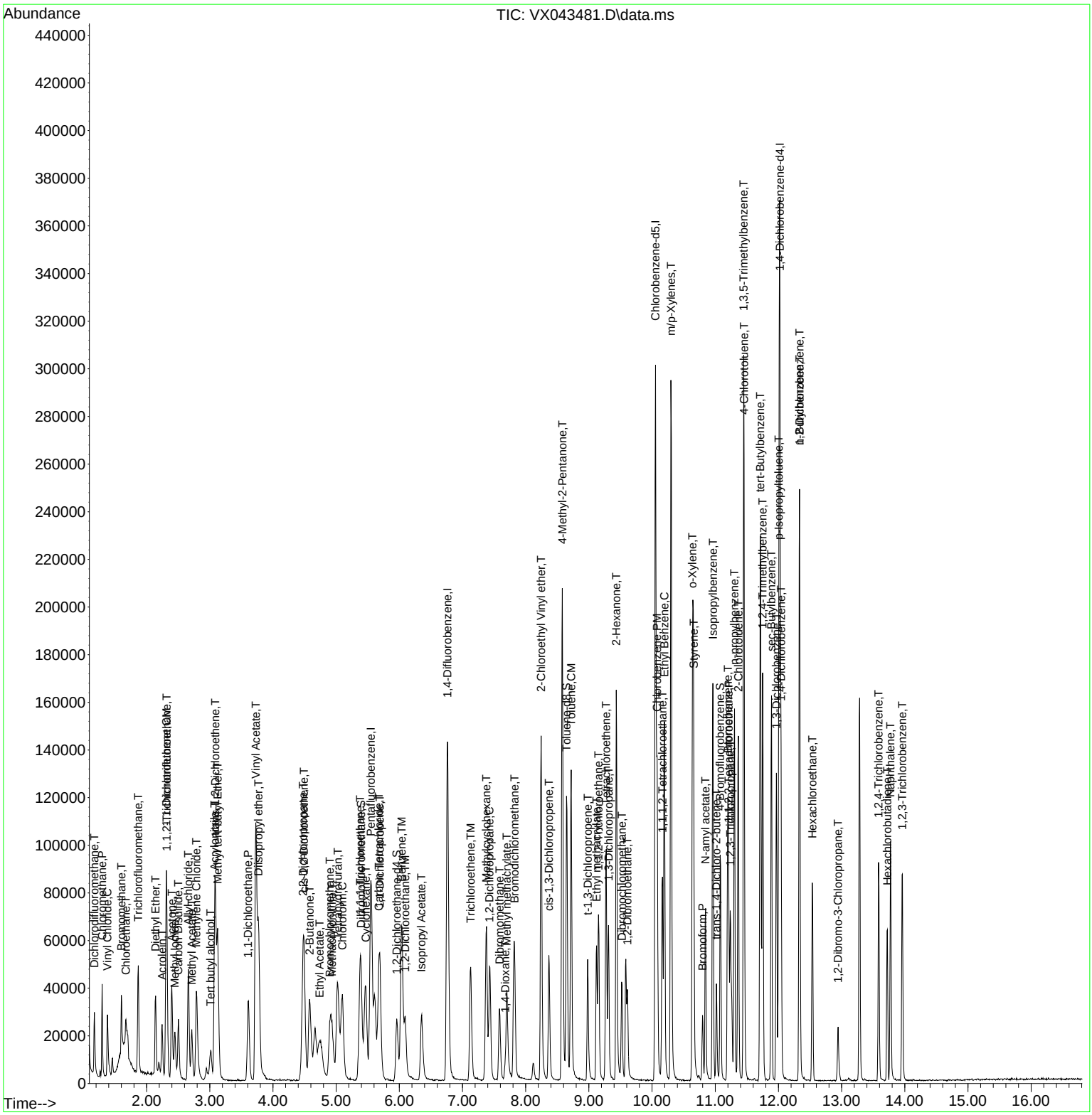
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043481.D
Acq On : 23 Oct 2024 09:22
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 04:27:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043482.D
Acq On : 23 Oct 2024 09:45
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Quant Time: Oct 24 04:28:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	72943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	142833	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64646	51.658	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.320%			
35) Dibromofluoromethane	5.391	113	51522	52.441	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.880%			
50) Toluene-d8	8.646	98	180635	52.380	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.760%			
62) 4-Bromofluorobenzene	11.079	95	67006	50.875	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	39182	47.529	ug/l	100
3) Chloromethane	1.294	50	51293	47.294	ug/l	100
4) Vinyl Chloride	1.380	62	46523	48.393	ug/l	100
5) Bromomethane	1.599	94	19626	46.491	ug/l	100
6) Chloroethane	1.672	64	16534	45.111	ug/l	100
7) Trichlorofluoromethane	1.867	101	63302	47.239	ug/l	100
8) Diethyl Ether	2.142	74	27139	47.842	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.318	101	38021	47.685	ug/l	100
10) Methyl Iodide	2.446	142	53406	51.686	ug/l	100
11) Tert butyl alcohol	3.019	59	43777	245.563	ug/l	100
12) 1,1-Dichloroethene	2.312	96	39476	49.656	ug/l	100
13) Acrolein	2.245	56	42402	233.626	ug/l	100
14) Allyl chloride	2.660	41	72749	47.297	ug/l	100
15) Acrylonitrile	3.074	53	103360	239.725	ug/l	100
16) Acetone	2.398	43	107132	229.860	ug/l	100
17) Carbon Disulfide	2.501	76	81744	48.068	ug/l	100
18) Methyl Acetate	2.715	43	57112	44.218	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	145496	49.607	ug/l	100
20) Methylene Chloride	2.794	84	49555	47.715	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	44186	47.885	ug/l	100
22) Diisopropyl ether	3.769	45	155675	49.979	ug/l	100
23) Vinyl Acetate	3.727	43	567397	258.448	ug/l	100
24) 1,1-Dichloroethane	3.611	63	89389	49.083	ug/l	100
25) 2-Butanone	4.574	43	152950	264.595	ug/l	100
26) 2,2-Dichloropropane	4.470	77	74384	48.921	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	57106	49.127	ug/l	100
28) Bromochloromethane	4.903	49	40857	51.937	ug/l	100
29) Tetrahydrofuran	5.019	42	95836	239.024	ug/l	100
30) Chloroform	5.098	83	96708	48.394	ug/l	100
31) Cyclohexane	5.464	56	61957	48.336	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	77926	48.905	ug/l	100
36) 1,1-Dichloropropene	5.690	75	56007	48.138	ug/l	100
37) Ethyl Acetate	4.733	43	60711	46.585	ug/l	100
38) Carbon Tetrachloride	5.678	117	61152	48.083	ug/l	100
39) Methylcyclohexane	7.378	83	66036	47.563	ug/l	100
40) Benzene	6.037	78	194562	48.535	ug/l	100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043482.D
Acq On : 23 Oct 2024 09:45
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 04:28:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.940	41	31860	55.666	ug/l		100
42) 1,2-Dichloroethane	6.086	62	70998	49.567	ug/l		100
43) Isopropyl Acetate	6.348	43	97063	47.413	ug/l		100
44) Trichloroethene	7.122	130	46838	47.397	ug/l		100
45) 1,2-Dichloropropane	7.433	63	47263	51.239	ug/l		100
46) Dibromomethane	7.580	93	32290	48.971	ug/l		100
47) Bromodichloromethane	7.823	83	66007	49.664	ug/l		100
48) Methyl methacrylate	7.702	41	47402	53.584	ug/l		100
49) 1,4-Dioxane	7.671	88	17486	1035.334	ug/l		100
51) 4-Methyl-2-Pentanone	8.579	43	305224	249.000	ug/l		100
52) Toluene	8.720	92	118214	49.081	ug/l		100
53) t-1,3-Dichloropropene	8.982	75	63695	50.990	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	71773	51.144	ug/l		100
55) 1,1,2-Trichloroethane	9.152	97	42485	49.226	ug/l		100
56) Ethyl methacrylate	9.122	69	65182	51.083	ug/l		100
57) 1,3-Dichloropropane	9.311	76	74241	49.488	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	148623	262.248	ug/l		100
59) 2-Hexanone	9.433	43	225079	257.238	ug/l		100
60) Dibromochloromethane	9.524	129	44374	52.432	ug/l		100
61) 1,2-Dibromoethane	9.610	107	42857	49.161	ug/l		100
64) Tetrachloroethene	9.274	164	40276	45.394	ug/l		100
65) Chlorobenzene	10.079	112	131522	46.595	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	44295	49.671	ug/l		100
67) Ethyl Benzene	10.195	91	221380	48.653	ug/l		100
68) m/p-Xylenes	10.299	106	168333	96.842	ug/l		100
69) o-Xylene	10.640	106	85394	48.642	ug/l		100
70) Styrene	10.658	104	144866	51.128	ug/l		100
71) Bromoform	10.799	173	24682	48.473	ug/l	#	100
73) Isopropylbenzene	10.963	105	204991	46.751	ug/l		100
74) N-amyl acetate	10.841	43	81468	49.552	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.213	83	60592	44.751	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	54783m	44.090	ug/l		
77) Bromobenzene	11.201	156	52285	46.510	ug/l		100
78) n-propylbenzene	11.305	91	234475	47.126	ug/l		100
79) 2-Chlorotoluene	11.366	91	156816	45.900	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	179996	46.842	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	15011	45.353	ug/l		100
82) 4-Chlorotoluene	11.457	91	182429	46.096	ug/l		100
83) tert-Butylbenzene	11.713	119	170664	46.877	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	185828	47.202	ug/l		100
85) sec-Butylbenzene	11.890	105	205556	47.256	ug/l		100
86) p-Isopropyltoluene	12.006	119	178421	48.674	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	98850	46.675	ug/l		100
88) 1,4-Dichlorobenzene	12.042	146	97793	43.758	ug/l		100
89) n-Butylbenzene	12.335	91	144529	47.468	ug/l		100
90) Hexachloroethane	12.536	117	27601	47.330	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	96220	45.447	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12096	49.717	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	54470	45.409	ug/l		100
94) Hexachlorobutadiene	13.725	225	21283	46.844	ug/l		100
95) Naphthalene	13.774	128	162236	43.489	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	54389	45.749	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043482.D
Acq On : 23 Oct 2024 09:45
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Quant Time: Oct 24 04:28:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 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

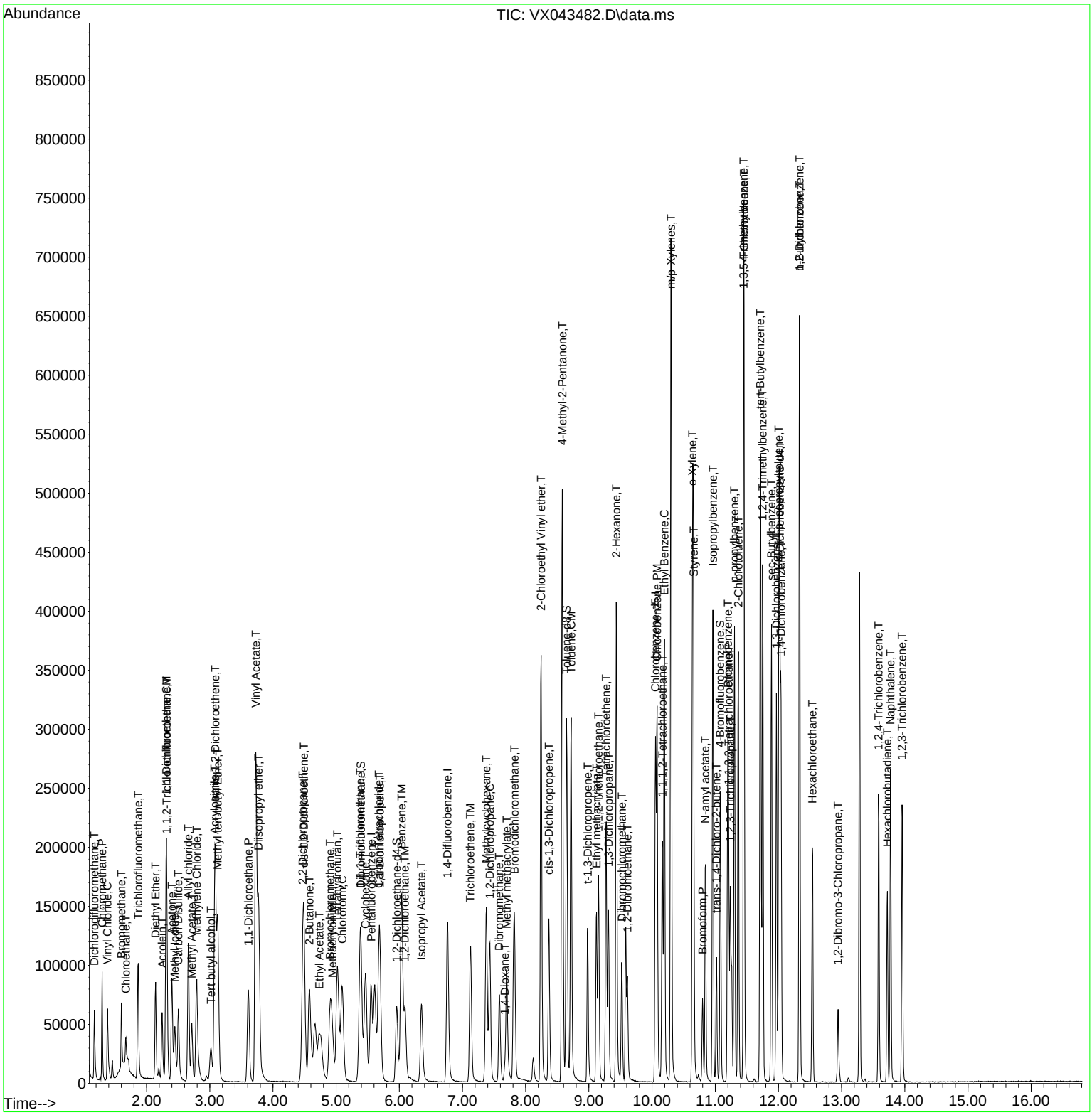
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043482.D
Acq On : 23 Oct 2024 09:45
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 04:28:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043483.D
Acq On : 23 Oct 2024 10:09
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 04:29:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	77132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	143826	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	116492	88.032	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 176.060%#			
35) Dibromofluoromethane	5.385	113	92540	93.539	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 187.080%#			
50) Toluene-d8	8.647	98	329015	94.747	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 189.500%#			
62) 4-Bromofluorobenzene	11.079	95	122085	92.055	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 184.100%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	80601	92.461	ug/l	100
3) Chloromethane	1.294	50	100516	87.646	ug/l	97
4) Vinyl Chloride	1.380	62	93526	92.001	ug/l	99
5) Bromomethane	1.599	94	39740	89.025	ug/l	94
6) Chloroethane	1.666	64	33171	85.587	ug/l	96
7) Trichlorofluoromethane	1.861	101	131687	92.933	ug/l	97
8) Diethyl Ether	2.142	74	53688	89.504	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	79068	93.779	ug/l	99
10) Methyl Iodide	2.447	142	108928	99.695	ug/l	99
11) Tert butyl alcohol	3.020	59	89469	474.612	ug/l	99
12) 1,1-Dichloroethene	2.306	96	81309	96.723	ug/l	99
13) Acrolein	2.245	56	84439	439.973	ug/l	99
14) Allyl chloride	2.660	41	150157	92.322	ug/l	99
15) Acrylonitrile	3.074	53	216407	474.658	ug/l	98
16) Acetone	2.398	43	209643	425.376	ug/l	100
17) Carbon Disulfide	2.501	76	178174	99.082	ug/l	97
18) Methyl Acetate	2.715	43	117143	85.771	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	289087	93.211	ug/l	99
20) Methylene Chloride	2.788	84	96854	88.192	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	90739	92.994	ug/l	96
22) Diisopropyl ether	3.769	45	309632	94.008	ug/l	95
23) Vinyl Acetate	3.727	43	1162565	500.786	ug/l	100
24) 1,1-Dichloroethane	3.605	63	180196	93.572	ug/l	98
25) 2-Butanone	4.574	43	307382	502.875	ug/l	97
26) 2,2-Dichloropropane	4.477	77	149864	93.209	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	114390	93.063	ug/l	99
28) Bromochloromethane	4.903	49	80479	96.748	ug/l	98
29) Tetrahydrofuran	5.019	42	194463	458.669	ug/l	100
30) Chloroform	5.092	83	193755	91.691	ug/l	99
31) Cyclohexane	5.470	56	128682	94.939	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	161499	95.850	ug/l	100
36) 1,1-Dichloropropene	5.690	75	115255	98.377	ug/l	99
37) Ethyl Acetate	4.727	43	119482	91.048	ug/l	100
38) Carbon Tetrachloride	5.678	117	129075	100.789	ug/l	95
39) Methylcyclohexane	7.379	83	137414	98.290	ug/l	97
40) Benzene	6.037	78	387785	96.069	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043483.D
Acq On : 23 Oct 2024 10:09
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 04:29:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	64971	112.735	ug/l		99
42) 1,2-Dichloroethane	6.086	62	139856	96.966	ug/l		98
43) Isopropyl Acetate	6.348	43	202099	98.039	ug/l		99
44) Trichloroethene	7.123	130	94944	95.414	ug/l		97
45) 1,2-Dichloropropane	7.427	63	93922	101.121	ug/l		96
46) Dibromomethane	7.580	93	65842	99.166	ug/l		99
47) Bromodichloromethane	7.824	83	134624	100.591	ug/l		99
48) Methyl methacrylate	7.696	41	96797	108.666	ug/l		98
49) 1,4-Dioxane	7.671	88	34698	2040.261	ug/l		92
51) 4-Methyl-2-Pentanone	8.580	43	611153	495.133	ug/l		99
52) Toluene	8.720	92	236129	97.361	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	134267	106.743	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	148948	105.404	ug/l		94
55) 1,1,2-Trichloroethane	9.153	97	85462	98.339	ug/l		98
56) Ethyl methacrylate	9.122	69	133878	104.196	ug/l		99
57) 1,3-Dichloropropane	9.311	76	146203	96.783	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	296627	519.790	ug/l		99
59) 2-Hexanone	9.433	43	458372	520.246	ug/l		100
60) Dibromochloromethane	9.518	129	92136	108.117	ug/l		97
61) 1,2-Dibromoethane	9.610	107	87415	99.580	ug/l		96
64) Tetrachloroethene	9.275	164	81408	92.657	ug/l		93
65) Chlorobenzene	10.079	112	264931	94.784	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.165	131	90669	102.676	ug/l		98
67) Ethyl Benzene	10.195	91	448720	99.587	ug/l		100
68) m/p-Xylenes	10.299	106	342929	199.232	ug/l		97
69) o-Xylene	10.640	106	170472	98.062	ug/l		99
70) Styrene	10.658	104	292350	104.197	ug/l		99
71) Bromoform	10.799	173	54219	107.531	ug/l	#	98
73) Isopropylbenzene	10.963	105	417637	97.753	ug/l		100
74) N-amyl acetate	10.841	43	170435	106.391	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	119679	90.716	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	113862m	94.047	ug/l		
77) Bromobenzene	11.195	156	106097	96.860	ug/l		98
78) n-propylbenzene	11.305	91	477898	98.577	ug/l		100
79) 2-Chlorotoluene	11.366	91	307294	92.310	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	365343	97.578	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	35007	108.549	ug/l		95
82) 4-Chlorotoluene	11.457	91	362083	93.897	ug/l		98
83) tert-Butylbenzene	11.713	119	345006	97.256	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	372034	96.986	ug/l		100
85) sec-Butylbenzene	11.890	105	418955	98.848	ug/l		99
86) p-Isopropyltoluene	12.006	119	363638	101.811	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	196114	95.037	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	199180	91.468	ug/l		98
89) n-Butylbenzene	12.329	91	309481	104.318	ug/l		99
90) Hexachloroethane	12.536	117	59791	105.226	ug/l		95
91) 1,2-Dichlorobenzene	12.335	146	192598	93.362	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	25716	108.478	ug/l		95
93) 1,2,4-Trichlorobenzene	13.585	180	114790	98.213	ug/l		99
94) Hexachlorobutadiene	13.725	225	43090	97.336	ug/l		98
95) Naphthalene	13.774	128	337771	92.925	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	109717	94.714	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043483.D
Acq On : 23 Oct 2024 10:09
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Quant Time: Oct 24 04:29:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 2024
Response via : Initial Calibration

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

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

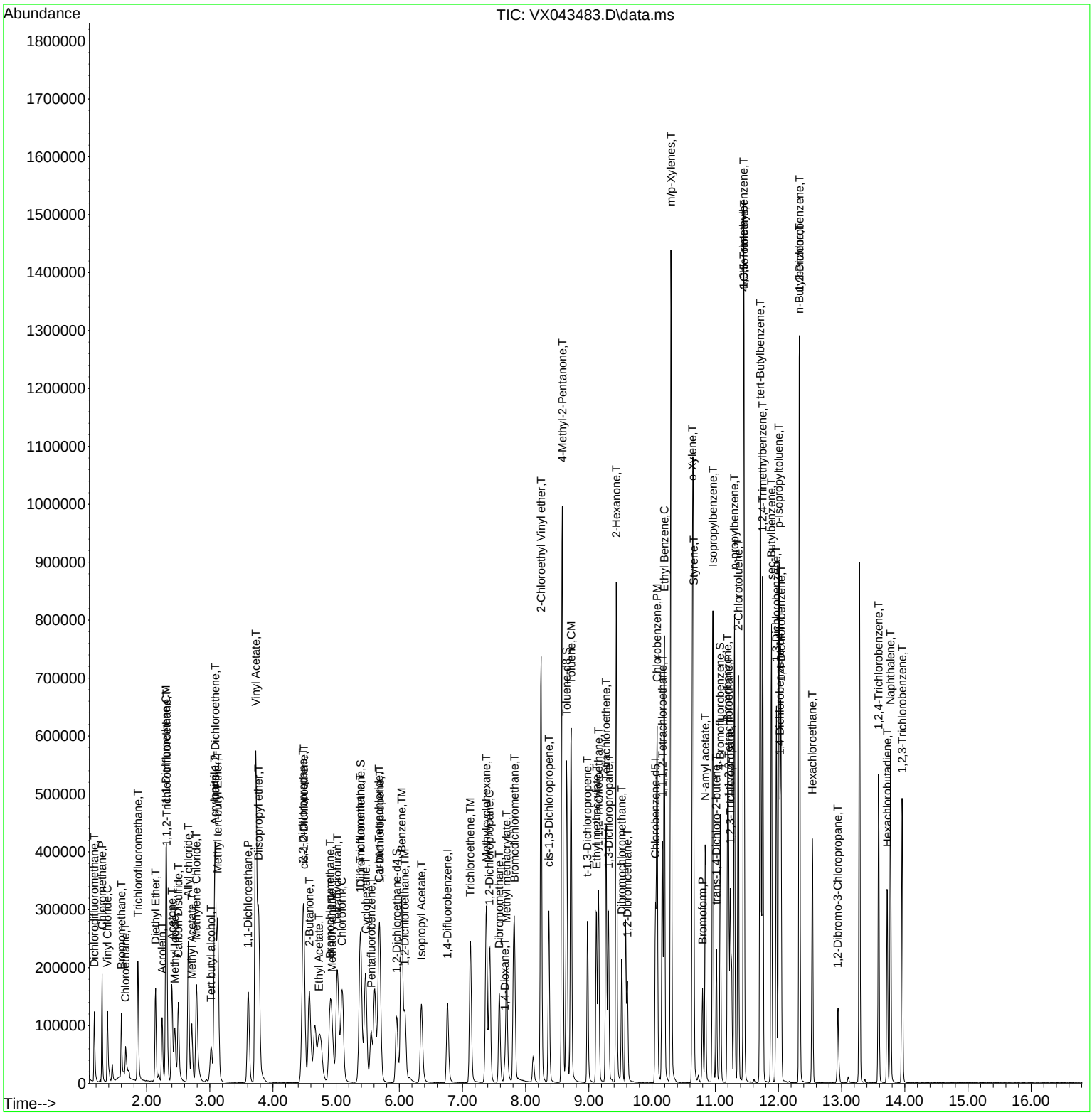
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043483.D
Acq On : 23 Oct 2024 10:09
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 04:29:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043484.D
Acq On : 23 Oct 2024 10:32
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Quant Time: Oct 24 04:30:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	5.550	168	70647	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	138619	50.000 ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120001	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58551	50.000 ug/l	# 0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	5.952	65	183939	151.760 ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 303.520%#		
35) Dibromofluoromethane	5.385	113	148482	155.723 ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 311.440%#		
50) Toluene-d8	8.647	98	508273	151.867 ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 303.740%#		
62) 4-Bromofluorobenzene	11.079	95	194566	152.218 ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 304.440%#		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.173	85	120716	151.190 ug/l	97
3) Chloromethane	1.294	50	150734	143.499 ug/l	96
4) Vinyl Chloride	1.380	62	140636	151.042 ug/l	99
5) Bromomethane	1.599	94	63296	154.811 ug/l	97
6) Chloroethane	1.672	64	49063	138.212 ug/l	96
7) Trichlorofluoromethane	1.861	101	199589	153.782 ug/l	98
8) Diethyl Ether	2.142	74	83302	151.622 ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	119974	155.358 ug/l	99
10) Methyl Iodide	2.447	142	166391	166.267 ug/l	99
11) Tert butyl alcohol	3.026	59	145211	841.020 ug/l	98
12) 1,1-Dichloroethene	2.306	96	123106	159.886 ug/l	97
13) Acrolein	2.245	56	136366	775.765 ug/l	98
14) Allyl chloride	2.660	41	231334	155.288 ug/l	99
15) Acrylonitrile	3.075	53	341818	818.550 ug/l	99
16) Acetone	2.398	43	330301	731.717 ug/l	99
17) Carbon Disulfide	2.502	76	287254	174.405 ug/l	98
18) Methyl Acetate	2.715	43	183832	146.955 ug/l	99
19) Methyl tert-butyl Ether	3.123	73	454958	160.159 ug/l	98
20) Methylene Chloride	2.788	84	148477	147.609 ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	137827	154.218 ug/l	97
22) Diisopropyl ether	3.770	45	473324	156.899 ug/l	94
23) Vinyl Acetate	3.727	43	1854057	871.965 ug/l	100
24) 1,1-Dichloroethane	3.605	63	273882	155.276 ug/l	98
25) 2-Butanone	4.574	43	493228	880.988 ug/l	99
26) 2,2-Dichloropropane	4.477	77	225808	153.335 ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	178483	158.536 ug/l	99
28) Bromochloromethane	4.897	49	115176	151.169 ug/l	96
29) Tetrahydrofuran	5.019	42	312640	805.095 ug/l	100
30) Chloroform	5.093	83	292247	150.996 ug/l	98
31) Cyclohexane	5.464	56	192066	154.709 ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	244070	158.152 ug/l	99
36) 1,1-Dichloropropene	5.690	75	174671	154.693 ug/l	99
37) Ethyl Acetate	4.727	43	194078	153.447 ug/l	99
38) Carbon Tetrachloride	5.672	117	195428	158.334 ug/l	95
39) Methylcyclohexane	7.373	83	209056	155.151 ug/l	99
40) Benzene	6.038	78	579757	149.022 ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043484.D
Acq On : 23 Oct 2024 10:32
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 04:30:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.934	41	102620	184.750 ug/l		98
42) 1,2-Dichloroethane	6.086	62	214973	154.645 ug/l		99
43) Isopropyl Acetate	6.348	43	320957	161.546 ug/l		99
44) Trichloroethene	7.123	130	143700	149.836 ug/l		98
45) 1,2-Dichloropropane	7.428	63	140023	156.418 ug/l		95
46) Dibromomethane	7.580	93	103347	161.499 ug/l		99
47) Bromodichloromethane	7.824	83	212319	164.605 ug/l		96
48) Methyl methacrylate	7.696	41	156543	182.339 ug/l		98
49) 1,4-Dioxane	7.671	88	57442	3504.496 ug/l		95
51) 4-Methyl-2-Pentanone	8.580	43	970590	815.873 ug/l		98
52) Toluene	8.720	92	358471	153.357 ug/l		98
53) t-1,3-Dichloropropene	8.976	75	209631	172.918 ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	231760	170.167 ug/l		96
55) 1,1,2-Trichloroethane	9.153	97	130087	155.310 ug/l		98
56) Ethyl methacrylate	9.116	69	215093	173.694 ug/l		99
57) 1,3-Dichloropropane	9.305	76	222215	152.627 ug/l		98
58) 2-Chloroethyl Vinyl ether	8.244	63	477342	867.884 ug/l		98
59) 2-Hexanone	9.433	43	725297	854.125 ug/l		99
60) Dibromochloromethane	9.525	129	147935	180.114 ug/l		96
61) 1,2-Dibromoethane	9.610	107	138071	163.194 ug/l		96
64) Tetrachloroethene	9.275	164	116610	140.037 ug/l		98
65) Chlorobenzene	10.079	112	402145	151.803 ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.165	131	140192	167.506 ug/l		99
67) Ethyl Benzene	10.195	91	673841	157.791 ug/l		99
68) m/p-Xylenes	10.299	106	512726	314.294 ug/l		99
69) o-Xylene	10.640	106	258636	156.976 ug/l		98
70) Styrene	10.653	104	447990	168.468 ug/l		99
71) Bromoform	10.799	173	92662	193.901 ug/l	#	99
73) Isopropylbenzene	10.963	105	629873	149.524 ug/l		100
74) N-amyl acetate	10.842	43	278114	176.075 ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	193147	148.484 ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	182998m	153.300 ug/l		
77) Bromobenzene	11.195	156	159788	147.950 ug/l		98
78) n-propylbenzene	11.305	91	727552	152.207 ug/l		99
79) 2-Chlorotoluene	11.366	91	468188	142.640 ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	546866	148.136 ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	58889	185.196 ug/l		92
82) 4-Chlorotoluene	11.457	91	553305	145.525 ug/l		98
83) tert-Butylbenzene	11.713	119	525783	150.323 ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	561544	148.469 ug/l		99
85) sec-Butylbenzene	11.890	105	632934	151.456 ug/l		99
86) p-Isopropyltoluene	12.006	119	547911	155.583 ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	301274	148.072 ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	293827	136.849 ug/l		99
89) n-Butylbenzene	12.335	91	480357	164.217 ug/l		100
90) Hexachloroethane	12.536	117	97690	174.368 ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	293098	144.098 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	43190	184.777 ug/l		93
93) 1,2,4-Trichlorobenzene	13.585	180	185226	160.729 ug/l		100
94) Hexachlorobutadiene	13.725	225	67363	154.329 ug/l		97
95) Naphthalene	13.774	128	553747	154.508 ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	177720	155.599 ug/l		96

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043484.D
Acq On : 23 Oct 2024 10:32
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Quant Time: Oct 24 04:30:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 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

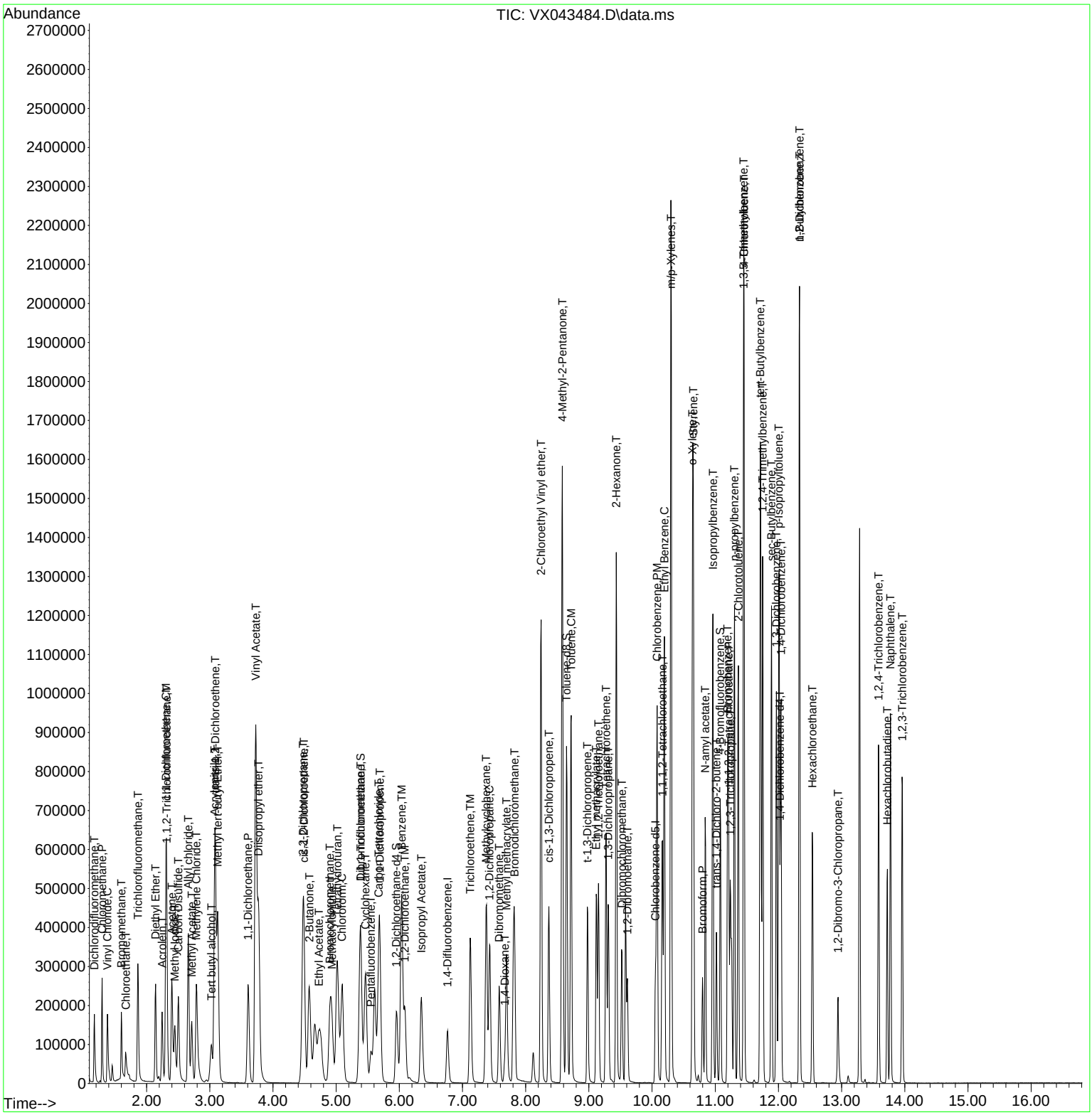
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043484.D
Acq On : 23 Oct 2024 10:32
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 04:30:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043486.D
Acq On : 23 Oct 2024 11:41
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Quant Time: Oct 24 04:31:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.556	168	63641	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.763	114	122877	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	106732	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43789	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	1.173	85	743	1.033	ug/l		100
3) Chloromethane	1.295	50	1176	1.243	ug/l		91
4) Vinyl Chloride	1.380	62	877	1.046	ug/l		99
6) Chloroethane	1.673	64	366m	1.145	ug/l		
7) Trichlorofluoromethane	1.874	101	1313	1.123	ug/l		92
8) Diethyl Ether	2.148	74	599	1.210	ug/l	#	47
9) 1,1,2-Trichlorotrifluo...	2.313	101	740	1.064	ug/l	#	89
12) 1,1-Dichloroethene	2.313	96	648	0.934	ug/l	#	76
14) Allyl chloride	2.660	41	1639	1.221	ug/l	#	94
15) Acrylonitrile	3.093	53	1962	5.216	ug/l		91
16) Acetone	2.392	43	2375	5.841	ug/l		91
17) Carbon Disulfide	2.502	76	1603	1.080	ug/l	#	89
18) Methyl Acetate	2.715	43	1417	1.257	ug/l		95
19) Methyl tert-butyl Ether	3.123	73	2567	1.003	ug/l		97
20) Methylene Chloride	2.794	84	1050	1.159	ug/l	#	82
21) trans-1,2-Dichloroethene	3.087	96	900	1.118	ug/l	#	83
22) Diisopropyl ether	3.770	45	2768	1.019	ug/l	#	54
23) Vinyl Acetate	3.751	43	8639m	4.510	ug/l		
24) 1,1-Dichloroethane	3.617	63	1660	1.045	ug/l	#	83
25) 2-Butanone	4.617	43	2997m	5.942	ug/l		
26) 2,2-Dichloropropane	4.477	77	1318	0.994	ug/l		100
27) cis-1,2-Dichloroethene	4.501	96	1015	1.001	ug/l		93
28) Bromochloromethane	4.910	49	677	0.986	ug/l	#	80
29) Tetrahydrofuran	5.038	42	1771	5.063	ug/l	#	72
30) Chloroform	5.099	83	1902	1.091	ug/l		99
32) 1,1,1-Trichloroethane	5.379	97	1481	1.065	ug/l	#	50
36) 1,1-Dichloropropene	5.690	75	1017	1.016	ug/l	#	67
37) Ethyl Acetate	4.776	43	1037m	0.925	ug/l		
38) Carbon Tetrachloride	5.684	117	1142	1.044	ug/l	#	87
39) Methylcyclohexane	7.373	83	1277	1.069	ug/l	#	88
40) Benzene	6.038	78	3525	1.022	ug/l	#	88
41) Methacrylonitrile	4.965	41	367m	0.745	ug/l		
42) 1,2-Dichloroethane	6.123	62	1168m	0.948	ug/l		
43) Isopropyl Acetate	6.367	43	1898m	1.078	ug/l		
44) Trichloroethene	7.129	130	1103m	1.297	ug/l		
45) 1,2-Dichloropropane	7.434	63	649	0.818	ug/l	#	88

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043486.D
Acq On : 23 Oct 2024 11:41
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 04:31:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.598	93	522	0.920	ug/l		91
47) Bromodichloromethane	7.830	83	1088	0.952	ug/l	#	70
48) Methyl methacrylate	7.720	41	756m	0.993	ug/l		
49) 1,4-Dioxane	7.702	88	195	13.421	ug/l	#	67
51) 4-Methyl-2-Pentanone	8.586	43	4749	4.503	ug/l		95
52) Toluene	8.732	92	1986	0.958	ug/l		83
53) t-1,3-Dichloropropene	9.000	75	927	0.863	ug/l	#	73
54) cis-1,3-Dichloropropene	8.379	75	1053	0.872	ug/l	#	87
55) 1,1,2-Trichloroethane	9.165	97	739	0.995	ug/l	#	82
56) Ethyl methacrylate	9.153	69	941m	0.857	ug/l		
57) 1,3-Dichloropropane	9.318	76	1216	0.942	ug/l		96
58) 2-Chloroethyl Vinyl ether	8.269	63	1899	3.895	ug/l		92
59) 2-Hexanone	9.452	43	3751m	4.983	ug/l		
60) Dibromochloromethane	9.525	129	610	0.838	ug/l		90
61) 1,2-Dibromoethane	9.616	107	692	0.923	ug/l		99
64) Tetrachloroethene	9.281	164	858	1.158	ug/l	#	74
65) Chlorobenzene	10.080	112	2565	1.089	ug/l	#	82
66) 1,1,1,2-Tetrachloroethane	10.165	131	701	0.942	ug/l	#	60
67) Ethyl Benzene	10.201	91	3739	0.984	ug/l		93
68) m/p-Xylenes	10.305	106	2881	1.986	ug/l		94
69) o-Xylene	10.647	106	1431	0.977	ug/l		97
70) Styrene	10.659	104	2226m	0.941	ug/l		
71) Bromoform	10.805	173	340	0.800	ug/l	#	95
73) Isopropylbenzene	10.964	105	3314	1.052	ug/l		99
74) N-amyl acetate	10.860	43	1345m	1.139	ug/l		
75) 1,1,2,2-Tetrachloroethane	11.214	83	1166	1.199	ug/l		80
76) 1,2,3-Trichloropropane	11.244	75	868m	0.972	ug/l		
77) Bromobenzene	11.201	156	862	1.067	ug/l		88
78) n-propylbenzene	11.311	91	3880	1.085	ug/l		94
79) 2-Chlorotoluene	11.366	91	2769	1.128	ug/l		94
80) 1,3,5-Trimethylbenzene	11.457	105	2873	1.041	ug/l		91
82) 4-Chlorotoluene	11.457	91	3520	1.238	ug/l		93
83) tert-Butylbenzene	11.720	119	2642	1.010	ug/l		94
84) 1,2,4-Trimethylbenzene	11.756	105	3123	1.104	ug/l		97
85) sec-Butylbenzene	11.890	105	3276	1.048	ug/l		97
86) p-Isopropyltoluene	12.012	119	2590	0.983	ug/l		87
87) 1,3-Dichlorobenzene	11.976	146	1837	1.207	ug/l		95
88) 1,4-Dichlorobenzene	12.043	146	2128m	1.325	ug/l		
89) n-Butylbenzene	12.341	91	2223	1.016	ug/l		98
90) Hexachloroethane	12.530	117	411	0.981	ug/l		73
91) 1,2-Dichlorobenzene	12.347	146	1851	1.217	ug/l		93
92) 1,2-Dibromo-3-Chloropr...	12.957	75	119	0.681	ug/l		94
93) 1,2,4-Trichlorobenzene	13.591	180	1115	1.294	ug/l		90
94) Hexachlorobutadiene	13.719	225	360	1.103	ug/l		75
95) Naphthalene	13.786	128	3500m	1.306	ug/l		
96) 1,2,3-Trichlorobenzene	13.963	180	1061	1.242	ug/l		91

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

ICAL Form

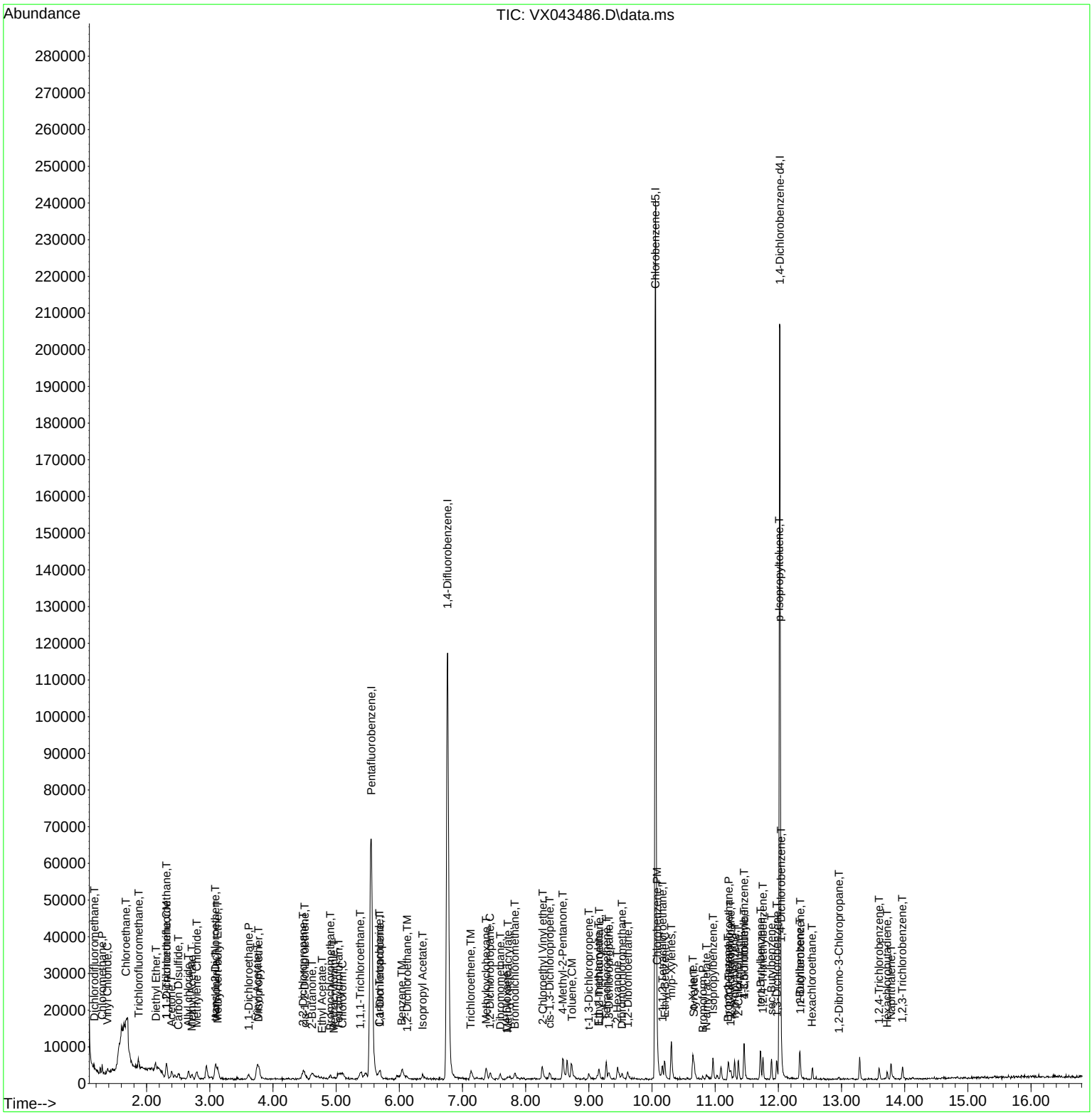
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043486.D
Acq On : 23 Oct 2024 11:41
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 04:31:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043487.D
Acq On : 23 Oct 2024 13:59
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102324

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Quant Time: Oct 24 05:00:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	78486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147737	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59741	44.367	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 88.740%			
35) Dibromofluoromethane	5.385	113	48502	47.728	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.460%			
50) Toluene-d8	8.647	98	169415	47.495	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.000%			
62) 4-Bromofluorobenzene	11.079	95	64892	49.162	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	41207	46.455	ug/l	96
3) Chloromethane	1.294	50	50884	43.603	ug/l	95
4) Vinyl Chloride	1.380	62	46696	45.142	ug/l	97
5) Bromomethane	1.599	94	20563	45.270	ug/l	99
6) Chloroethane	1.666	64	16506	41.854	ug/l	97
7) Trichlorofluoromethane	1.861	101	64856	44.980	ug/l	97
8) Diethyl Ether	2.142	74	26156	42.853	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	40625	47.352	ug/l	98
10) Methyl Iodide	2.447	142	49950	44.928	ug/l	99
11) Tert butyl alcohol	3.026	59	42331m	221.090	ug/l	
12) 1,1-Dichloroethene	2.306	96	40465	47.306	ug/l	97
13) Acrolein	2.245	56	40595	219.532	ug/l	99
14) Allyl chloride	2.660	41	71865	43.423	ug/l	99
15) Acrylonitrile	3.068	53	104556	225.372	ug/l	98
16) Acetone	2.398	43	121029	241.337	ug/l	97
17) Carbon Disulfide	2.502	76	82481	45.076	ug/l	97
18) Methyl Acetate	2.709	43	57273	41.211	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	146342	46.372	ug/l	93
20) Methylene Chloride	2.788	84	48429	43.337	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	45528	45.854	ug/l	95
22) Diisopropyl ether	3.763	45	157506	46.996	ug/l	98
23) Vinyl Acetate	3.721	43	571526	238.937	ug/l	100
24) 1,1-Dichloroethane	3.605	63	90247	46.055	ug/l	98
25) 2-Butanone	4.568	43	159723	230.366	ug/l	99
26) 2,2-Dichloropropane	4.465	77	78439	47.944	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	58452	46.734	ug/l	100
28) Bromochloromethane	4.891	49	39202	46.314	ug/l	97
29) Tetrahydrofuran	5.013	42	95347	221.010	ug/l	99
30) Chloroform	5.086	83	95502	44.415	ug/l	97
31) Cyclohexane	5.458	56	64905	47.059	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	79542	46.394	ug/l	99
36) 1,1-Dichloropropene	5.684	75	58914	48.955	ug/l	99
37) Ethyl Acetate	4.721	43	56567	42.563	ug/l	99
38) Carbon Tetrachloride	5.666	117	63530	48.295	ug/l	96
39) Methylcyclohexane	7.373	83	71537	49.815	ug/l	98
40) Benzene	6.031	78	196690	47.437	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043487.D
Acq On : 23 Oct 2024 13:59
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102324

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Quant Time: Oct 24 05:00:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	29833	46.887	ug/l		97
42) 1,2-Dichloroethane	6.086	62	71086	47.981	ug/l		99
43) Isopropyl Acetate	6.342	43	98694	45.991	ug/l		98
44) Trichloroethene	7.123	130	46593	43.864	ug/l		100
45) 1,2-Dichloropropane	7.421	63	47537	49.826	ug/l		93
46) Dibromomethane	7.580	93	32140	47.125	ug/l		99
47) Bromodichloromethane	7.824	83	66221	48.171	ug/l	#	98
48) Methyl methacrylate	7.696	41	47285	47.070	ug/l		98
49) 1,4-Dioxane	7.677	88	16814	955.724	ug/l		92
51) 4-Methyl-2-Pentanone	8.574	43	296576	233.914	ug/l		98
52) Toluene	8.714	92	120453	48.350	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	65414	50.628	ug/l		95
54) cis-1,3-Dichloropropene	8.366	75	75855	52.258	ug/l		96
55) 1,1,2-Trichloroethane	9.153	97	41895	46.931	ug/l		97
56) Ethyl methacrylate	9.116	69	64914	48.514	ug/l		99
57) 1,3-Dichloropropane	9.305	76	73318	47.250	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	146565	250.032	ug/l		98
59) 2-Hexanone	9.433	43	229604	243.923	ug/l		99
60) Dibromochloromethane	9.519	129	44019	50.286	ug/l		95
61) 1,2-Dibromoethane	9.610	107	44018	48.816	ug/l		95
64) Tetrachloroethene	9.269	164	42570	46.580	ug/l		96
65) Chlorobenzene	10.079	112	136043	46.791	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	45138	49.140	ug/l		98
67) Ethyl Benzene	10.189	91	228760	48.808	ug/l		100
68) m/p-Xylenes	10.299	106	174073	97.224	ug/l		100
69) o-Xylene	10.640	106	88814	49.115	ug/l		97
70) Styrene	10.652	104	148635	50.071	ug/l		99
71) Bromoform	10.799	173	25222	48.089	ug/l	#	98
73) Isopropylbenzene	10.963	105	216443	48.047	ug/l		100
74) N-amyl acetate	10.841	43	80385	43.996	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.213	83	59102	42.487	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	55321m	45.142	ug/l		
77) Bromobenzene	11.195	156	53078	45.957	ug/l		99
78) n-propylbenzene	11.305	91	245458	48.019	ug/l		99
79) 2-Chlorotoluene	11.360	91	162810	46.384	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	187967	47.613	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	15625	45.950	ug/l		97
82) 4-Chlorotoluene	11.451	91	189518	46.611	ug/l		97
83) tert-Butylbenzene	11.713	119	174636	46.689	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	194424	48.069	ug/l		100
85) sec-Butylbenzene	11.890	105	215360	48.190	ug/l		99
86) p-Isopropyltoluene	12.006	119	187778	49.861	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	102749	47.223	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	101029	44.166	ug/l		99
89) n-Butylbenzene	12.329	91	157542	50.363	ug/l		100
90) Hexachloroethane	12.536	117	29186	48.714	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	97586	44.864	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11871	47.491	ug/l		96
93) 1,2,4-Trichlorobenzene	13.591	180	57569	46.714	ug/l		99
94) Hexachlorobutadiene	13.725	225	22905	49.070	ug/l		95
95) Naphthalene	13.774	128	163327	43.811	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	56296	46.090	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043487.D
Acq On : 23 Oct 2024 13:59
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102324

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Quant Time: Oct 24 05:00:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 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

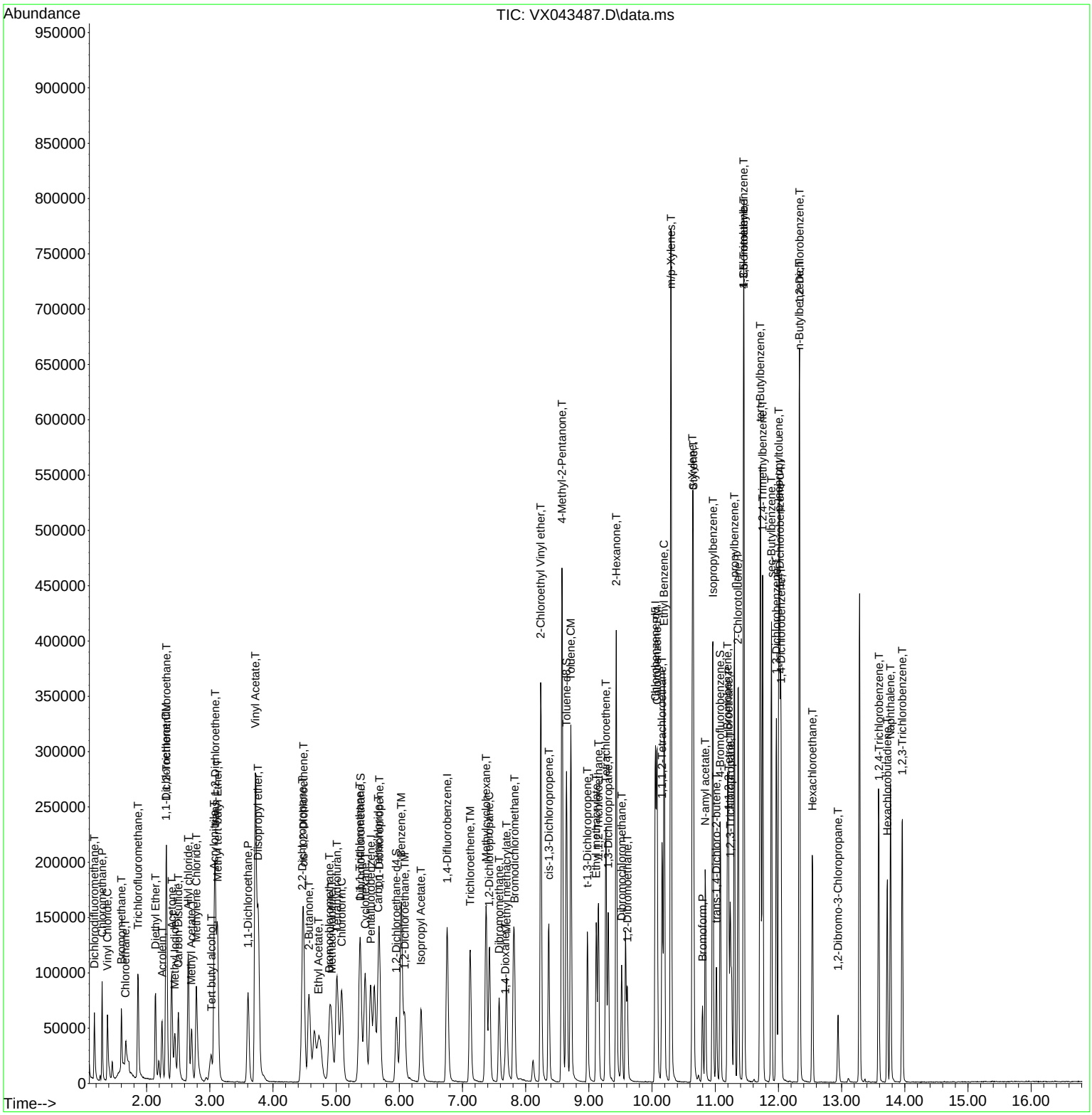
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043487.D
Acq On : 23 Oct 2024 13:59
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 05:00:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102324

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043487.D
Acq On : 23 Oct 2024 13:59
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102324

Quant Time: Oct 24 05:00:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 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	108	0.00
2	T	Dichlorodifluoromethane	0.565	0.525	7.1	105	0.00
3	P	Chloromethane	0.743	0.648	12.8	99	0.00
4	C	Vinyl Chloride	0.659	0.595	9.7#	100	0.00
5	T	Bromomethane	0.289	0.262	9.3	105	0.00
6	T	Chloroethane	0.251	0.210	16.3	100	0.00
7	T	Trichlorofluoromethane	0.919	0.826	10.1	102	0.00
8	T	Diethyl Ether	0.389	0.333	14.4	96	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.547	0.518	5.3	107	0.00
10	T	Methyl Iodide	0.708	0.636	10.2	94	0.00
11	T	Tert butyl alcohol	0.122	0.108	11.5	97	0.00
12	CM	1,1-Dichloroethene	0.545	0.516	5.3#	103	0.00
13	T	Acrolein	0.118	0.103	12.7	96	0.00
14	T	Allyl chloride	1.054	0.916	13.1	99	0.00
15	T	Acrylonitrile	0.296	0.266	10.1	101	0.00
16	T	Acetone	0.319	0.308	3.4	113	0.00
17	T	Carbon Disulfide	1.166	1.051	9.9	101	0.00
18	T	Methyl Acetate	0.885	0.730	17.5	100	0.00
19	T	Methyl tert-butyl Ether	2.010	1.865	7.2	101	0.00
20	T	Methylene Chloride	0.712	0.617	13.3	98	0.00
21	T	trans-1,2-Dichloroethene	0.633	0.580	8.4	103	0.00
22	T	Diisopropyl ether	2.135	2.007	6.0	101	0.00
23	T	Vinyl Acetate	1.524	1.456	4.5	101	0.00
24	P	1,1-Dichloroethane	1.248	1.150	7.9	101	0.00
25	T	2-Butanone	0.442	0.407	7.9	104	0.00
26	T	2,2-Dichloropropane	1.042	0.999	4.1	105	0.00
27	T	cis-1,2-Dichloroethene	0.797	0.745	6.5	102	0.00
28	T	Bromochloromethane	0.539	0.499	7.4	96	-0.01
29	T	Tetrahydrofuran	0.275	0.243	11.6	99	0.00
30	C	Chloroform	1.370	1.217	11.2#	99	-0.01
31	T	Cyclohexane	0.879	0.827	5.9	105	0.00
32	T	1,1,1-Trichloroethane	1.092	1.013	7.2	102	0.00
33	S	1,2-Dichloroethane-d4	0.858	0.761	11.3	92	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
35	S	Dibromofluoromethane	0.344	0.328	4.7	94	0.00
36	T	1,1-Dichloropropene	0.407	0.399	2.0	105	0.00
37	T	Ethyl Acetate	0.450	0.383	14.9	93	-0.01
38	T	Carbon Tetrachloride	0.445	0.430	3.4	104	-0.01
39	T	Methylcyclohexane	0.486	0.484	0.4	108	0.00
40	TM	Benzene	1.403	1.331	5.1	101	0.00
41	T	Methacrylonitrile	0.215	0.202	6.0	94	-0.01
42	TM	1,2-Dichloroethane	0.501	0.481	4.0	100	0.00
43	T	Isopropyl Acetate	0.726	0.668	8.0	102	0.00
44	TM	Trichloroethene	0.359	0.315	12.3	99	0.00
45	C	1,2-Dichloropropane	0.323	0.322	0.3#	101	-0.01
46	T	Dibromomethane	0.231	0.218	5.6	100	0.00
47	T	Bromodichloromethane	0.465	0.448	3.7	100	0.00
48	T	Methyl methacrylate	0.340	0.320	5.9	100	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043487.D
Acq On : 23 Oct 2024 13:59
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102324

Quant Time: Oct 24 05:00:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 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	0.006	0.0	96	0.00
50	S	Toluene-d8	1.207	1.147	5.0	94	0.00
51	T	4-Methyl-2-Pentanone	0.429	0.401	6.5	97	0.00
52	CM	Toluene	0.843	0.815	3.3#	102	0.00
53	T	t-1,3-Dichloropropene	0.437	0.443	-1.4	103	0.00
54	T	cis-1,3-Dichloropropene	0.491	0.513	-4.5	106	0.00
55	T	1,1,2-Trichloroethane	0.302	0.284	6.0	99	0.00
56	T	Ethyl methacrylate	0.453	0.439	3.1	100	0.00
57	T	1,3-Dichloropropane	0.525	0.496	5.5	99	0.00
58	T	2-Chloroethyl Vinyl ether	0.198	0.198	0.0	99	0.00
59	T	2-Hexanone	0.319	0.311	2.5	102	0.00
60	T	Dibromochloromethane	0.296	0.298	-0.7	99	0.00
61	T	1,2-Dibromoethane	0.305	0.298	2.3	103	0.00
62	S	4-Bromofluorobenzene	0.447	0.439	1.8	97	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64	T	Tetrachloroethene	0.347	0.323	6.9	106	0.00
65	PM	Chlorobenzene	1.104	1.033	6.4	103	0.00
66	T	1,1,1,2-Tetrachloroethane	0.349	0.343	1.7	102	0.00
67	C	Ethyl Benzene	1.779	1.737	2.4#	103	0.00
68	T	m/p-Xylenes	0.680	0.661	2.8	103	0.00
69	T	o-Xylene	0.687	0.674	1.9	104	0.00
70	T	Styrene	1.127	1.129	-0.2	103	0.00
71	P	Bromoform	0.199	0.192	3.5	102	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73	T	Isopropylbenzene	3.597	3.457	3.9	106	0.00
74	T	N-amyl acetate	1.459	1.284	12.0	99	0.00
75	P	1,1,2,2-Tetrachloroethane	1.111	0.944	15.0	98	0.00
76	T	1,2,3-Trichloropropane	0.979	0.884	9.7	101	0.00
77	T	Bromobenzene	0.922	0.848	8.0	102	0.00
78	T	n-propylbenzene	4.082	3.920	4.0	105	0.00
79	T	2-Chlorotoluene	2.803	2.600	7.2	104	0.00
80	T	1,3,5-Trimethylbenzene	3.153	3.002	4.8	104	0.00
81	T	trans-1,4-Dichloro-2-butene	0.272	0.250	8.1	104	0.00
82	T	4-Chlorotoluene	3.247	3.027	6.8	104	0.00
83	T	tert-Butylbenzene	2.987	2.789	6.6	102	0.00
84	T	1,2,4-Trimethylbenzene	3.230	3.105	3.9	105	0.00
85	T	sec-Butylbenzene	3.569	3.439	3.6	105	0.00
86	T	p-Isopropyltoluene	3.007	2.999	0.3	105	0.00
87	T	1,3-Dichlorobenzene	1.737	1.641	5.5	104	0.00
88	T	1,4-Dichlorobenzene	1.827	1.614	11.7	103	0.00
89	T	n-Butylbenzene	2.498	2.516	-0.7	109	0.00
90	T	Hexachloroethane	0.478	0.466	2.5	106	0.00
91	T	1,2-Dichlorobenzene	1.737	1.559	10.2	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.200	0.190	5.0	98	0.00
93	T	1,2,4-Trichlorobenzene	0.984	0.919	6.6	106	0.00
94	T	Hexachlorobutadiene	0.373	0.366	1.9	108	0.00
95	T	Naphthalene	2.977	2.608	12.4	101	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043487.D
Acq On : 23 Oct 2024 13:59
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102324

Quant Time: Oct 24 05:00:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 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	0.975	0.899	7.8	104	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\VX102324\
Data File : VX043487.D
Acq On : 23 Oct 2024 13:59
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102324

Quant Time: Oct 24 05:00:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 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	108	0.00
2	T	Dichlorodifluoromethane	50.000	46.455	7.1	105	0.00
3	P	Chloromethane	50.000	43.603	12.8	99	0.00
4	C	Vinyl Chloride	50.000	45.142	9.7#	100	0.00
5	T	Bromomethane	50.000	45.270	9.5	105	0.00
6	T	Chloroethane	50.000	41.854	16.3	100	0.00
7	T	Trichlorofluoromethane	50.000	44.980	10.0	102	0.00
8	T	Diethyl Ether	50.000	42.853	14.3	96	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.352	5.3	107	0.00
10	T	Methyl Iodide	50.000	44.928	10.1	94	0.00
11	T	Tert butyl alcohol	250.000	221.090	11.6	97	0.00
12	CM	1,1-Dichloroethene	50.000	47.306	5.4#	103	0.00
13	T	Acrolein	250.000	219.532	12.2	96	0.00
14	T	Allyl chloride	50.000	43.423	13.2	99	0.00
15	T	Acrylonitrile	250.000	225.372	9.9	101	0.00
16	T	Acetone	250.000	241.337	3.5	113	0.00
17	T	Carbon Disulfide	50.000	45.076	9.8	101	0.00
18	T	Methyl Acetate	50.000	41.211	17.6	100	0.00
19	T	Methyl tert-butyl Ether	50.000	46.372	7.3	101	0.00
20	T	Methylene Chloride	50.000	43.337	13.3	98	0.00
21	T	trans-1,2-Dichloroethene	50.000	45.854	8.3	103	0.00
22	T	Diisopropyl ether	50.000	46.996	6.0	101	0.00
23	T	Vinyl Acetate	250.000	238.937	4.4	101	0.00
24	P	1,1-Dichloroethane	50.000	46.055	7.9	101	0.00
25	T	2-Butanone	250.000	230.366	7.9	104	0.00
26	T	2,2-Dichloropropane	50.000	47.944	4.1	105	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.734	6.5	102	0.00
28	T	Bromochloromethane	50.000	46.314	7.4	96	-0.01
29	T	Tetrahydrofuran	250.000	221.010	11.6	99	0.00
30	C	Chloroform	50.000	44.415	11.2#	99	-0.01
31	T	Cyclohexane	50.000	47.059	5.9	105	0.00
32	T	1,1,1-Trichloroethane	50.000	46.394	7.2	102	0.00
33	S	1,2-Dichloroethane-d4	50.000	44.367	11.3	92	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35	S	Dibromofluoromethane	50.000	47.728	4.5	94	0.00
36	T	1,1-Dichloropropene	50.000	48.955	2.1	105	0.00
37	T	Ethyl Acetate	50.000	42.563	14.9	93	-0.01
38	T	Carbon Tetrachloride	50.000	48.295	3.4	104	-0.01
39	T	Methylcyclohexane	50.000	49.815	0.4	108	0.00
40	TM	Benzene	50.000	47.437	5.1	101	0.00
41	T	Methacrylonitrile	50.000	46.887	6.2	94	-0.01
42	TM	1,2-Dichloroethane	50.000	47.981	4.0	100	0.00
43	T	Isopropyl Acetate	50.000	45.991	8.0	102	0.00
44	TM	Trichloroethene	50.000	43.864	12.3	99	0.00
45	C	1,2-Dichloropropane	50.000	49.826	0.3#	101	-0.01
46	T	Dibromomethane	50.000	47.125	5.8	100	0.00
47	T	Bromodichloromethane	50.000	48.171	3.7	100	0.00
48	T	Methyl methacrylate	50.000	47.070	5.9	100	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043487.D
Acq On : 23 Oct 2024 13:59
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102324

Quant Time: Oct 24 05:00:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 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	955.724	4.4	96	0.00
50	S	Toluene-d8	50.000	47.495	5.0	94	0.00
51	T	4-Methyl-2-Pentanone	250.000	233.914	6.4	97	0.00
52	CM	Toluene	50.000	48.350	3.3#	102	0.00
53	T	t-1,3-Dichloropropene	50.000	50.628	-1.3	103	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.258	-4.5	106	0.00
55	T	1,1,2-Trichloroethane	50.000	46.931	6.1	99	0.00
56	T	Ethyl methacrylate	50.000	48.514	3.0	100	0.00
57	T	1,3-Dichloropropane	50.000	47.250	5.5	99	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	250.032	-0.0	99	0.00
59	T	2-Hexanone	250.000	243.923	2.4	102	0.00
60	T	Dibromochloromethane	50.000	50.286	-0.6	99	0.00
61	T	1,2-Dibromoethane	50.000	48.816	2.4	103	0.00
62	S	4-Bromofluorobenzene	50.000	49.162	1.7	97	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64	T	Tetrachloroethene	50.000	46.580	6.8	106	0.00
65	PM	Chlorobenzene	50.000	46.791	6.4	103	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.140	1.7	102	0.00
67	C	Ethyl Benzene	50.000	48.808	2.4#	103	0.00
68	T	m/p-Xylenes	100.000	97.224	2.8	103	0.00
69	T	o-Xylene	50.000	49.115	1.8	104	0.00
70	T	Styrene	50.000	50.071	-0.1	103	0.00
71	P	Bromoform	50.000	48.089	3.8	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	48.047	3.9	106	0.00
74	T	N-amyl acetate	50.000	43.996	12.0	99	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	42.487	15.0	98	0.00
76	T	1,2,3-Trichloropropane	50.000	45.142	9.7	101	0.00
77	T	Bromobenzene	50.000	45.957	8.1	102	0.00
78	T	n-propylbenzene	50.000	48.019	4.0	105	0.00
79	T	2-Chlorotoluene	50.000	46.384	7.2	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.613	4.8	104	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.950	8.1	104	0.00
82	T	4-Chlorotoluene	50.000	46.611	6.8	104	0.00
83	T	tert-Butylbenzene	50.000	46.689	6.6	102	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.069	3.9	105	0.00
85	T	sec-Butylbenzene	50.000	48.190	3.6	105	0.00
86	T	p-Isopropyltoluene	50.000	49.861	0.3	105	0.00
87	T	1,3-Dichlorobenzene	50.000	47.223	5.6	104	0.00
88	T	1,4-Dichlorobenzene	50.000	44.166	11.7	103	0.00
89	T	n-Butylbenzene	50.000	50.363	-0.7	109	0.00
90	T	Hexachloroethane	50.000	48.714	2.6	106	0.00
91	T	1,2-Dichlorobenzene	50.000	44.864	10.3	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.491	5.0	98	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.714	6.6	106	0.00
94	T	Hexachlorobutadiene	50.000	49.070	1.9	108	0.00
95	T	Naphthalene	50.000	43.811	12.4	101	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043487.D
Acq On : 23 Oct 2024 13:59
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102324

Quant Time: Oct 24 05:00:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 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	46.090	7.8	104	0.00

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

Raw Data: **VX043482.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: CHEM02

Lab Code: CHEM Case No.: P4442 SAS No.: P4442 SDG No.: P4442

Instrument ID: MSVOA_X Calibration Date/Time: 10/23/2024 09:45

Lab File ID: VX043482.D Init. Calib. Date(s): 10/23/2024 10/23/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 08:59 11:41

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.565	0.537		-4.96	
Chloromethane	0.743	0.703		-5.38	
Vinyl Chloride	0.659	0.638		-3.19	
Ethyl Acetate	0.450	0.425		-5.56	
Bromomethane	0.289	0.269		-6.92	
Chloroethane	0.251	0.227		-9.56	
Trichlorofluoromethane	0.919	0.868		-5.55	
1,1,2-Trichlorotrifluoroethane	0.547	0.521		-4.75	
Tert butyl alcohol	0.122	0.120		-1.64	
1,1-Dichloroethene	0.545	0.541		-0.73	
Acrolein	0.118	0.116		-1.7	
Acrylonitrile	0.296	0.283		-4.39	
Acetone	0.319	0.294		-7.84	
Carbon Disulfide	1.166	1.121		-3.86	
Methyl tert-butyl Ether	2.010	1.995		-0.75	
Methyl Acetate	0.885	0.783		-11.52	
Methylene Chloride	0.712	0.679		-4.64	
trans-1,2-Dichloroethene	0.633	0.606		-4.26	
Vinyl Acetate	1.524	1.556		2.1	
1,1-Dichloroethane	1.248	1.225		-1.84	
Cyclohexane	0.879	0.849		-3.41	
2-Butanone	0.442	0.419		-5.2	
Carbon Tetrachloride	0.445	0.428		-3.82	
2,2-Dichloropropane	1.042	1.020		-2.11	
cis-1,2-Dichloroethene	0.797	0.783		-1.76	
Bromochloromethane	0.539	0.560		3.9	
Chloroform	1.370	1.326		-3.21	
1,1,1-Trichloroethane	1.092	1.068		-2.2	
Methylcyclohexane	0.486	0.462		-4.94	
1,1-Dichloropropene	0.407	0.392		-3.69	
Benzene	1.403	1.362		-2.92	
1,2-Dichloroethane	0.501	0.497		-0.8	
Trichloroethene	0.359	0.328		-8.64	
1,2-Dichloropropane	0.323	0.331		2.48	
Dibromomethane	0.231	0.226		-2.16	
Bromodichloromethane	0.465	0.462		-0.64	
4-Methyl-2-Pentanone	0.429	0.427		-0.47	
Toluene	0.843	0.828		-1.78	

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

Raw Data: **VX043482.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: CHEM02

Lab Code: CHEM Case No.: P4442 SAS No.: P4442 SDG No.: P4442

Instrument ID: MSVOA_X Calibration Date/Time: 10/23/2024 09:45

Lab File ID: VX043482.D Init. Calib. Date(s): 10/23/2024 10/23/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 08:59 11:41

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
t-1,3-Dichloropropene	0.437	0.446		2.06	
cis-1,3-Dichloropropene	0.491	0.502		2.24	
1,1,2-Trichloroethane	0.302	0.297		-1.66	
1,3-Dichloropropane	0.525	0.520		-0.95	
2-Chloroethyl Vinyl ether	0.198	0.208		5.05	
2-Hexanone	0.319	0.315		-1.25	
Dibromochloromethane	0.296	0.311		5.07	
1,2-Dibromoethane	0.305	0.300		-1.64	
Tetrachloroethene	0.347	0.315		-9.22	
Chlorobenzene	1.104	1.029		-6.79	
1,1,1,2-Tetrachloroethane	0.349	0.346		-0.86	
Hexachloroethane	0.478	0.453		-5.23	
Ethyl Benzene	1.779	1.731		-2.7	
m/p-Xylenes	0.680	0.658		-3.23	
o-Xylene	0.687	0.668		-2.77	
Styrene	1.127	1.133		0.53	
Bromoform	0.199	0.193		-3.02	
Isopropylbenzene	3.597	3.364		-6.48	
1,1,2,2-Tetrachloroethane	1.111	0.994		-10.53	
1,2,3-Trichloropropane	0.979	0.899		-8.17	
Bromobenzene	0.922	0.858		-6.94	
n-propylbenzene	4.082	3.847		-5.76	
2-Chlorotoluene	2.803	2.573		-8.2	
1,3,5-Trimethylbenzene	3.153	2.953		-6.34	
4-Chlorotoluene	3.247	2.993		-7.82	
tert-Butylbenzene	2.987	2.800		-6.26	
1,2,4-Trimethylbenzene	3.230	3.049		-5.6	
sec-Butylbenzene	3.569	3.373		-5.49	
p-Isopropyltoluene	3.007	2.928		-2.63	
1,3-Dichlorobenzene	1.738	1.622		-6.67	
1,4-Dichlorobenzene	1.827	1.605		-12.15	
n-Butylbenzene	2.498	2.371		-5.08	
1,2-Dichlorobenzene	1.737	1.579		-9.1	
1,2-Dibromo-3-Chloropropane	0.200	0.198		-1	
1,2,4-Trichlorobenzene	0.984	0.894		-9.15	
Hexachlorobutadiene	0.373	0.349		-6.43	
Naphthalene	2.977	2.662		-10.58	
1,2,3-Trichlorobenzene	0.975	0.892		-8.51	

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 CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: P4442 SAS No.: P4442 SDG No.: P4442

Instrument ID: MSVOA_X Calibration Date/Time: 10/23/2024 09:45

Lab File ID: VX043482.D Init. Calib. Date(s): 10/23/2024 10/23/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 08:59 11:41

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.858	0.886		3.26	
Dibromofluoromethane	0.344	0.361		4.94	
Toluene-d8	1.207	1.265		4.8	
4-Bromofluorobenzene	0.447	0.469		4.92	

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043482.D
Acq On : 23 Oct 2024 09:45
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 04:28:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	72943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	142833	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64646	51.658	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.320%			
35) Dibromofluoromethane	5.391	113	51522	52.441	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.880%			
50) Toluene-d8	8.646	98	180635	52.380	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.760%			
62) 4-Bromofluorobenzene	11.079	95	67006	50.875	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	39182	47.529	ug/l	100
3) Chloromethane	1.294	50	51293	47.294	ug/l	100
4) Vinyl Chloride	1.380	62	46523	48.393	ug/l	100
5) Bromomethane	1.599	94	19626	46.491	ug/l	100
6) Chloroethane	1.672	64	16534	45.111	ug/l	100
7) Trichlorofluoromethane	1.867	101	63302	47.239	ug/l	100
8) Diethyl Ether	2.142	74	27139	47.842	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.318	101	38021	47.685	ug/l	100
10) Methyl Iodide	2.446	142	53406	51.686	ug/l	100
11) Tert butyl alcohol	3.019	59	43777	245.563	ug/l	100
12) 1,1-Dichloroethene	2.312	96	39476	49.656	ug/l	100
13) Acrolein	2.245	56	42402	233.626	ug/l	100
14) Allyl chloride	2.660	41	72749	47.297	ug/l	100
15) Acrylonitrile	3.074	53	103360	239.725	ug/l	100
16) Acetone	2.398	43	107132	229.860	ug/l	100
17) Carbon Disulfide	2.501	76	81744	48.068	ug/l	100
18) Methyl Acetate	2.715	43	57112	44.218	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	145496	49.607	ug/l	100
20) Methylene Chloride	2.794	84	49555	47.715	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	44186	47.885	ug/l	100
22) Diisopropyl ether	3.769	45	155675	49.979	ug/l	100
23) Vinyl Acetate	3.727	43	567397	258.448	ug/l	100
24) 1,1-Dichloroethane	3.611	63	89389	49.083	ug/l	100
25) 2-Butanone	4.574	43	152950	264.595	ug/l	100
26) 2,2-Dichloropropane	4.470	77	74384	48.921	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	57106	49.127	ug/l	100
28) Bromochloromethane	4.903	49	40857	51.937	ug/l	100
29) Tetrahydrofuran	5.019	42	95836	239.024	ug/l	100
30) Chloroform	5.098	83	96708	48.394	ug/l	100
31) Cyclohexane	5.464	56	61957	48.336	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	77926	48.905	ug/l	100
36) 1,1-Dichloropropene	5.690	75	56007	48.138	ug/l	100
37) Ethyl Acetate	4.733	43	60711	46.585	ug/l	100
38) Carbon Tetrachloride	5.678	117	61152	48.083	ug/l	100
39) Methylcyclohexane	7.378	83	66036	47.563	ug/l	100
40) Benzene	6.037	78	194562	48.535	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043482.D
Acq On : 23 Oct 2024 09:45
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 04:28:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.940	41	31860	55.666	ug/l		100
42) 1,2-Dichloroethane	6.086	62	70998	49.567	ug/l		100
43) Isopropyl Acetate	6.348	43	97063	47.413	ug/l		100
44) Trichloroethene	7.122	130	46838	47.397	ug/l		100
45) 1,2-Dichloropropane	7.433	63	47263	51.239	ug/l		100
46) Dibromomethane	7.580	93	32290	48.971	ug/l		100
47) Bromodichloromethane	7.823	83	66007	49.664	ug/l		100
48) Methyl methacrylate	7.702	41	47402	53.584	ug/l		100
49) 1,4-Dioxane	7.671	88	17486	1035.334	ug/l		100
51) 4-Methyl-2-Pentanone	8.579	43	305224	249.000	ug/l		100
52) Toluene	8.720	92	118214	49.081	ug/l		100
53) t-1,3-Dichloropropene	8.982	75	63695	50.990	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	71773	51.144	ug/l		100
55) 1,1,2-Trichloroethane	9.152	97	42485	49.226	ug/l		100
56) Ethyl methacrylate	9.122	69	65182	51.083	ug/l		100
57) 1,3-Dichloropropane	9.311	76	74241	49.488	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	148623	262.248	ug/l		100
59) 2-Hexanone	9.433	43	225079	257.238	ug/l		100
60) Dibromochloromethane	9.524	129	44374	52.432	ug/l		100
61) 1,2-Dibromoethane	9.610	107	42857	49.161	ug/l		100
64) Tetrachloroethene	9.274	164	40276	45.394	ug/l		100
65) Chlorobenzene	10.079	112	131522	46.595	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	44295	49.671	ug/l		100
67) Ethyl Benzene	10.195	91	221380	48.653	ug/l		100
68) m/p-Xylenes	10.299	106	168333	96.842	ug/l		100
69) o-Xylene	10.640	106	85394	48.642	ug/l		100
70) Styrene	10.658	104	144866	51.128	ug/l		100
71) Bromoform	10.799	173	24682	48.473	ug/l	#	100
73) Isopropylbenzene	10.963	105	204991	46.751	ug/l		100
74) N-amyl acetate	10.841	43	81468	49.552	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.213	83	60592	44.751	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	54783m	44.090	ug/l		
77) Bromobenzene	11.201	156	52285	46.510	ug/l		100
78) n-propylbenzene	11.305	91	234475	47.126	ug/l		100
79) 2-Chlorotoluene	11.366	91	156816	45.900	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	179996	46.842	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	15011	45.353	ug/l		100
82) 4-Chlorotoluene	11.457	91	182429	46.096	ug/l		100
83) tert-Butylbenzene	11.713	119	170664	46.877	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	185828	47.202	ug/l		100
85) sec-Butylbenzene	11.890	105	205556	47.256	ug/l		100
86) p-Isopropyltoluene	12.006	119	178421	48.674	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	98850	46.675	ug/l		100
88) 1,4-Dichlorobenzene	12.042	146	97793	43.758	ug/l		100
89) n-Butylbenzene	12.335	91	144529	47.468	ug/l		100
90) Hexachloroethane	12.536	117	27601	47.330	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	96220	45.447	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12096	49.717	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	54470	45.409	ug/l		100
94) Hexachlorobutadiene	13.725	225	21283	46.844	ug/l		100
95) Naphthalene	13.774	128	162236	43.489	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	54389	45.749	ug/l		100

Sample Results: **VX043482.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043482.D
Acq On : 23 Oct 2024 09:45
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 04:28:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

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

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

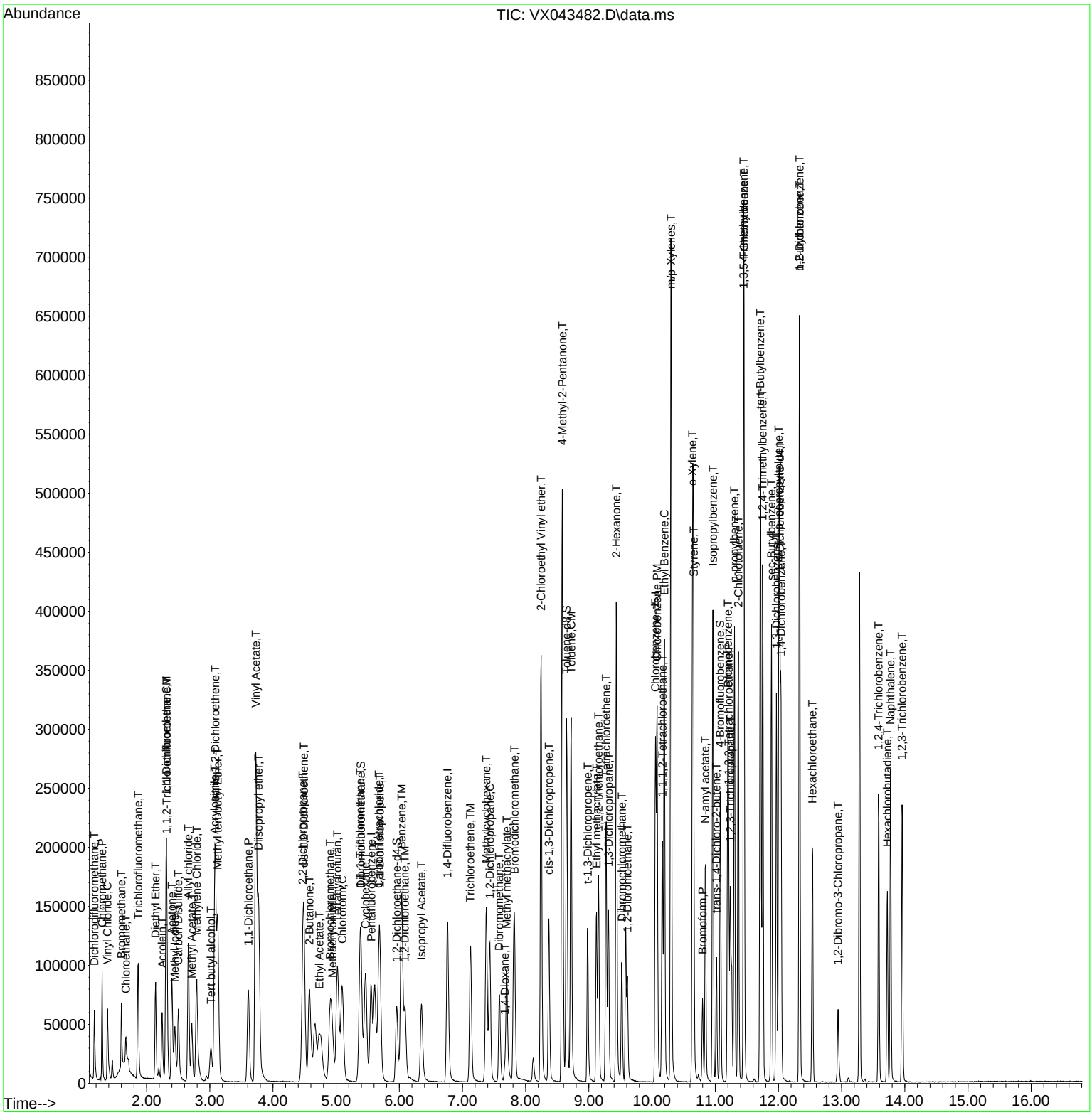
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043482.D
Acq On : 23 Oct 2024 09:45
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 04:28:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:25:37 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024



QC SAMPLE DATA

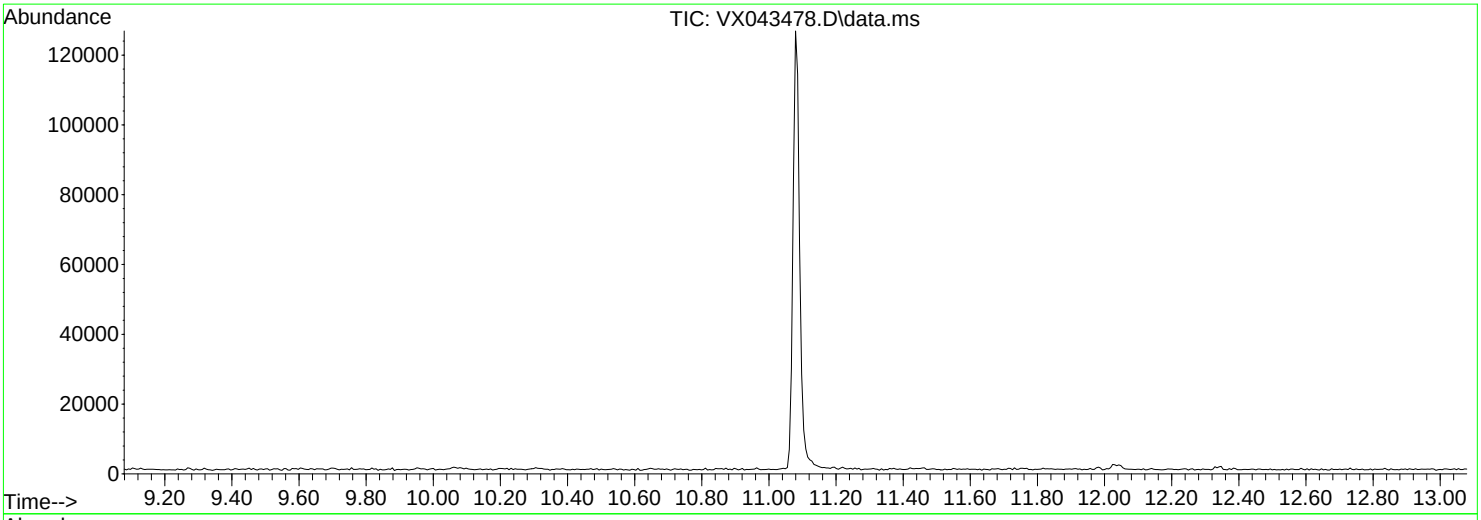
Sample Results: **VX043478.D**

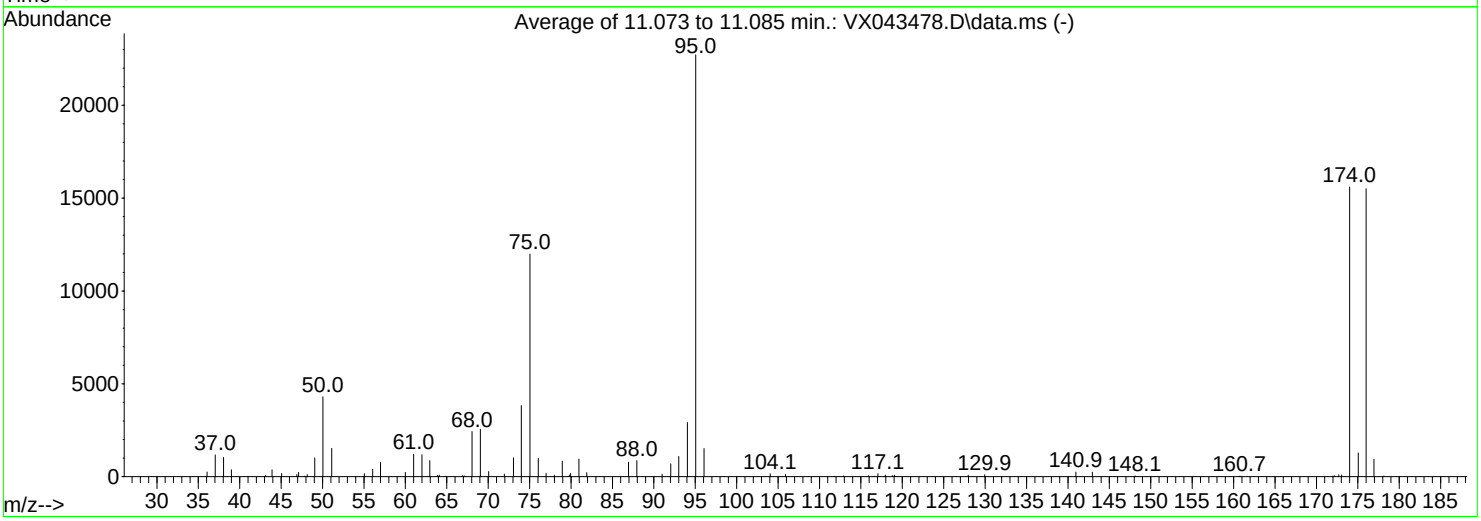
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043478.D
Acq On : 23 Oct 2024 08:00
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Title : SW846 8260
Last Update : Thu Oct 24 04:54:33 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	18.9	4299	PASS
75	95	30	60	52.8	11991	PASS
95	95	100	100	100.0	22717	PASS
96	95	5	9	6.7	1517	PASS
173	174	0.00	2	0.7	106	PASS
174	95	50	100	68.7	15601	PASS
175	174	5	9	8.2	1276	PASS
176	174	95	101	99.4	15515	PASS
177	176	5	9	6.0	930	PASS

Raw Data: **VX043489.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX1023WBL01	SDG No.:	P4442
Lab Sample ID:	VX1023WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043489.D	1		10/23/24 15:50	VX102324

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
141-78-6	Ethyl Acetate	0.38	U	0.38	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
75-65-0	Tert butyl alcohol	5.60	U	5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
107-02-8	Acrolein	6.70	U	6.70	25.0	ug/L
107-13-1	Acrylonitrile	0.90	U	0.90	5.00	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
108-05-4	Vinyl Acetate	0.71	U	0.71	5.00	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
594-20-7	2,2-Dichloropropane	0.31	U	0.31	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
563-58-6	1,1-Dichloropropene	0.18	U	0.18	1.00	ug/L

Raw Data: **VX043489.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX1023WBL01	SDG No.:	P4442
Lab Sample ID:	VX1023WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043489.D	1		10/23/24 15:50	VX102324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
74-95-3	Dibromomethane	0.23	U	0.23	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
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
142-28-9	1,3-Dichloropropane	0.17	U	0.17	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	1.80	U	1.80	5.00	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
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.00	ug/L
67-72-1	Hexachloroethane	0	U	0	0	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
96-18-4	1,2,3-Trichloropropane	0.39	U	0.39	1.00	ug/L
108-86-1	Bromobenzene	0.26	U	0.26	1.00	ug/L
103-65-1	n-propylbenzene	0.14	U	0.14	1.00	ug/L
95-49-8	2-Chlorotoluene	0.16	U	0.16	1.00	ug/L

Raw Data: **VX043489.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX1023WBL01	SDG No.:	P4442
Lab Sample ID:	VX1023WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043489.D	1		10/23/24 15:50	VX102324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
106-43-4	4-Chlorotoluene	0.18	U	0.18	1.00	ug/L
98-06-6	tert-Butylbenzene	0.17	U	0.17	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
135-98-8	sec-Butylbenzene	0.17	U	0.17	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.15	U	0.15	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
104-51-8	n-Butylbenzene	0.22	U	0.22	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
87-68-3	Hexachlorobutadiene	0.31	U	0.31	1.00	ug/L
91-20-3	Naphthalene	0.59	U	0.59	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	41.3		74 - 125	83%	SPK: 50
1868-53-7	Dibromofluoromethane	45.6		75 - 124	91%	SPK: 50
2037-26-5	Toluene-d8	48.7		86 - 113	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.5		77 - 121	83%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	74800	5.55			
540-36-3	1,4-Difluorobenzene	136000	6.763			
3114-55-4	Chlorobenzene-d5	112000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	46000	12.024			

Raw Data: **VX043489.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX1023WBL01	SDG No.:	P4442
Lab Sample ID:	VX1023WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043489.D	1		10/23/24 15:50	VX102324

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\VX102324\
Data File : VX043489.D
Acq On : 23 Oct 2024 15:50
Operator : JC/MD
Sample : VX1023WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBL01

Quant Time: Oct 24 06:06:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 2024
Response via : Initial Calibration

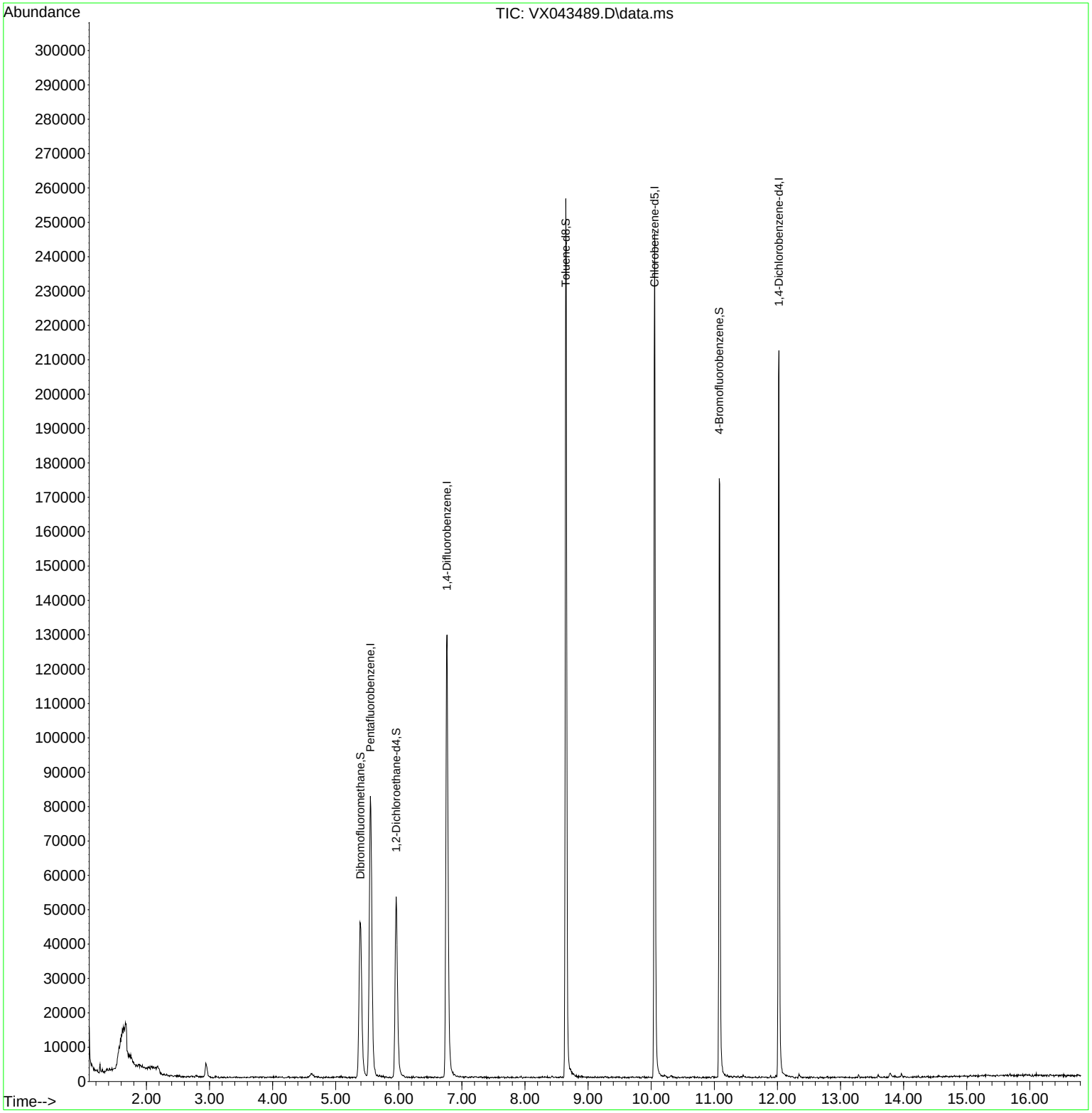
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	74778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	135907	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	53012	41.322	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.640%		
35) Dibromofluoromethane	5.391	113	42592	45.561	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.120%		
50) Toluene-d8	8.647	98	159809	48.702	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.400%		
62) 4-Bromofluorobenzene	11.079	95	52063	41.544	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	83.080%		
Target Compounds						Qvalue

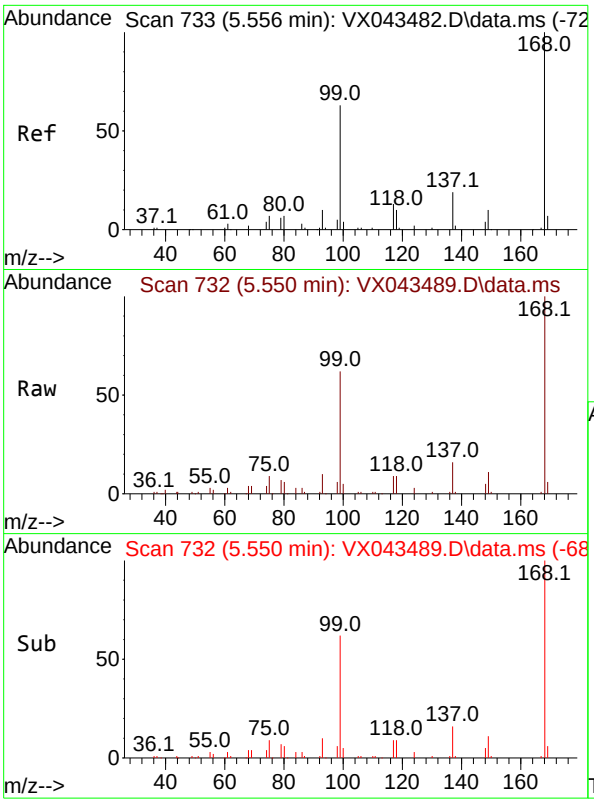
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043489.D
Acq On : 23 Oct 2024 15:50
Operator : JC/MD
Sample : VX1023WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBL01

Quant Time: Oct 24 06:06:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 2024
Response via : Initial Calibration



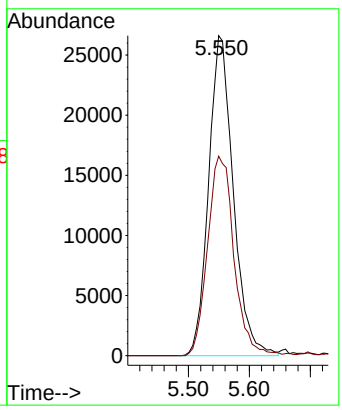


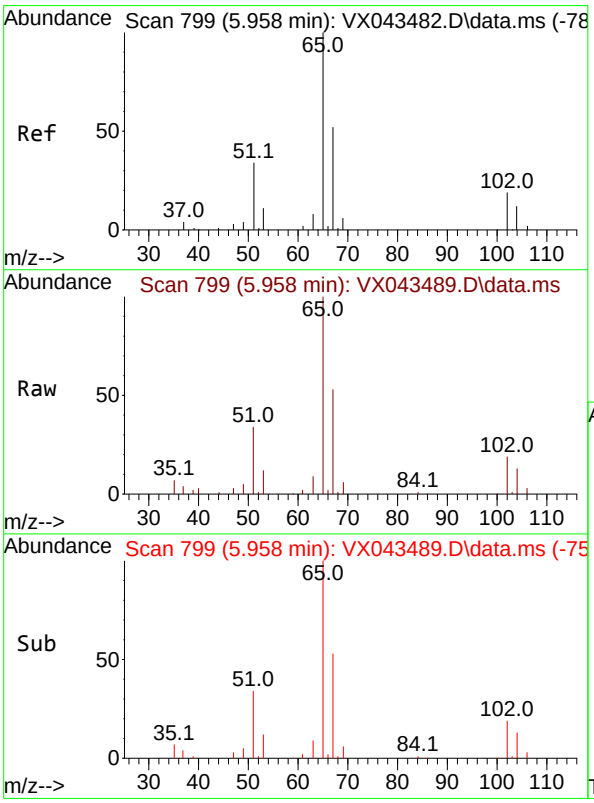
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBL01

Tgt Ion:168 Resp: 74778

Ion	Ratio	Lower	Upper
168	100		
99	62.4	50.7	76.1

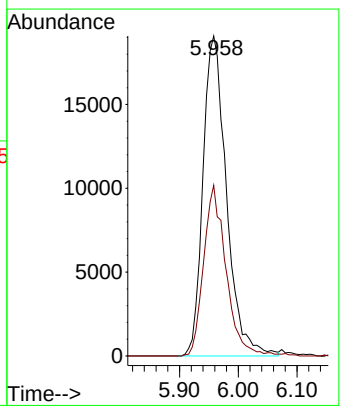


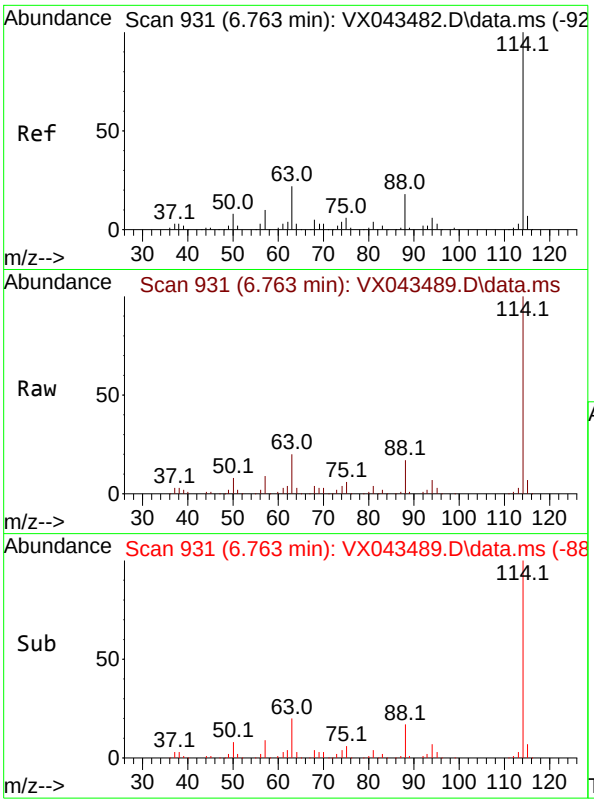


#33
1,2-Dichloroethane-d4
Concen: 41.322 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

Tgt Ion: 65 Resp: 53012

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	98.4



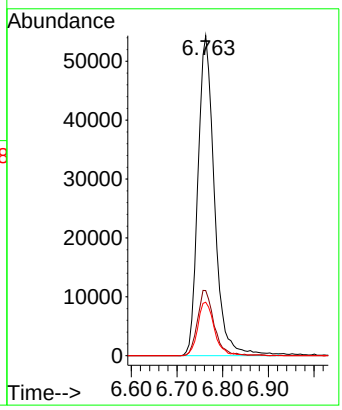


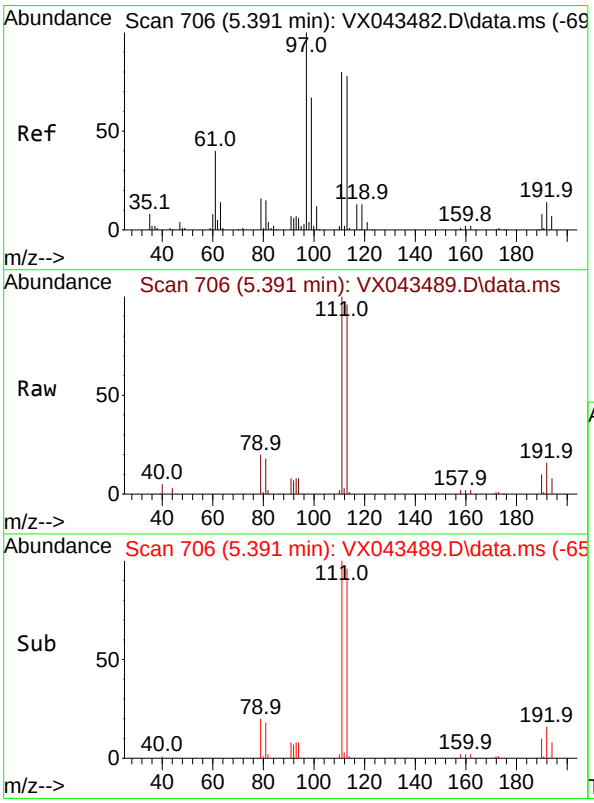
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBL01

Tgt Ion:114 Resp: 135907

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	44.0
88	16.7	0.0	35.2

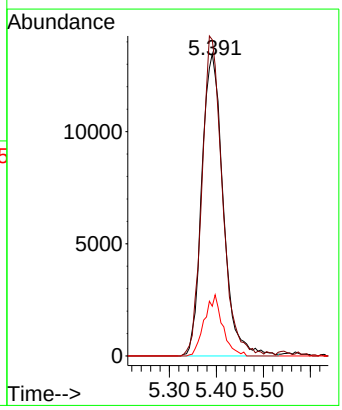


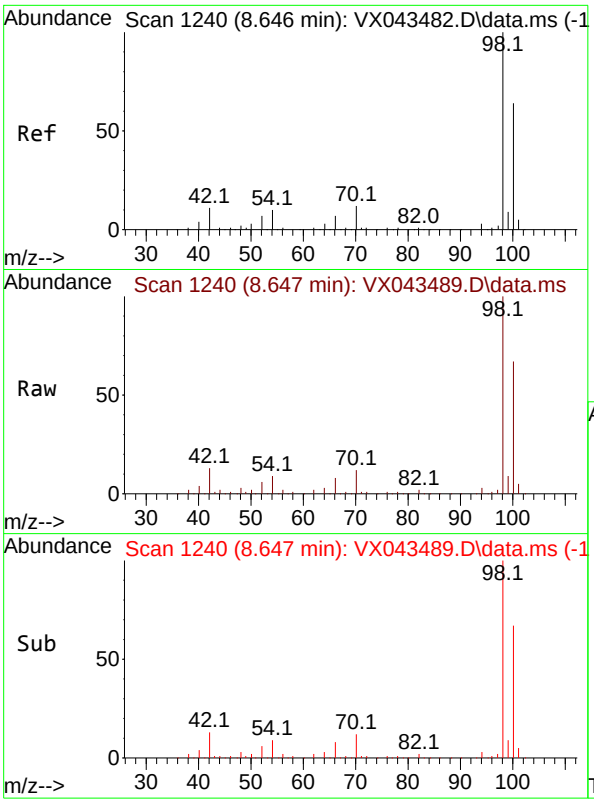


#35
Dibromofluoromethane
Concen: 45.561 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

Tgt Ion:113 Resp: 42592

Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.1	123.1
192	17.2	13.8	20.8



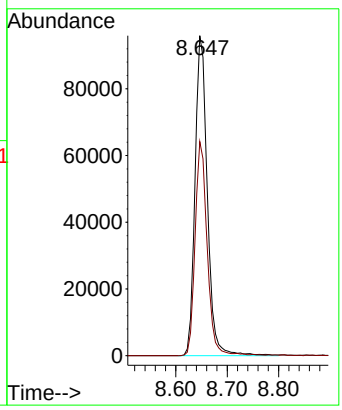


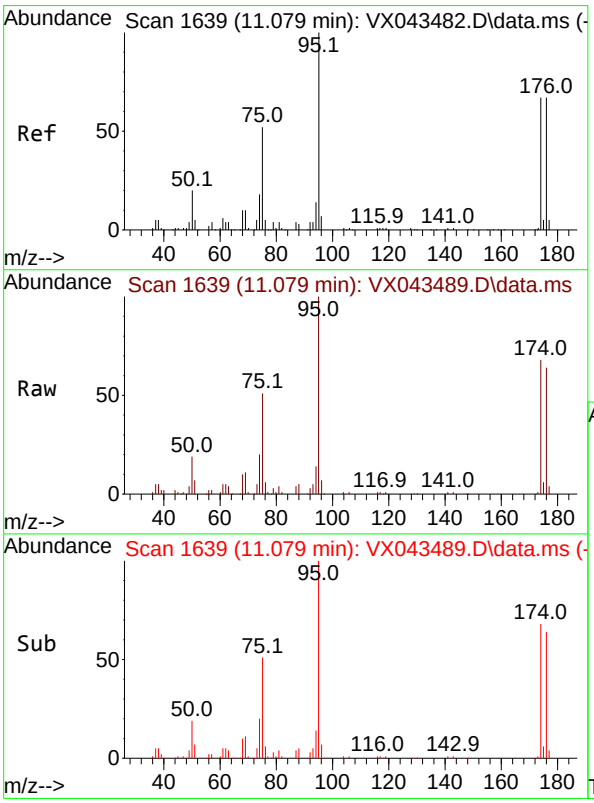
#50
Toluene-d8
Concen: 48.702 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBL01

Tgt Ion: 98 Resp: 159809

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.9	79.3

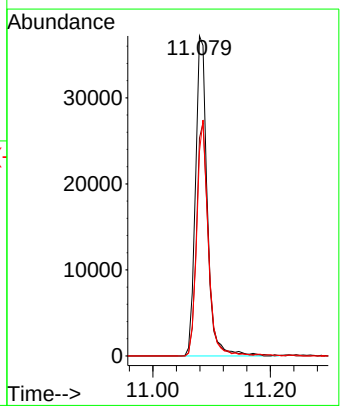


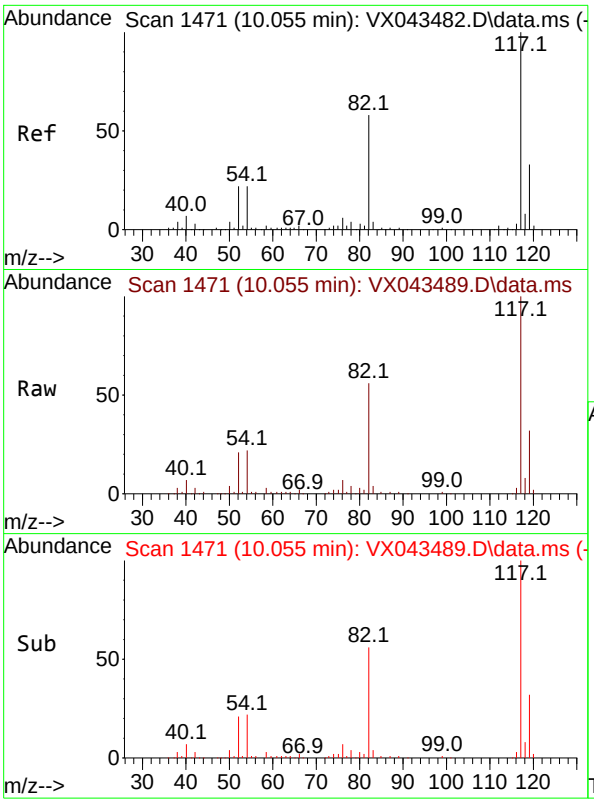


#62
4-Bromofluorobenzene
Concen: 41.544 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

Tgt Ion: 95 Resp: 52063

Ion	Ratio	Lower	Upper
95	100		
174	71.8	0.0	148.6
176	71.3	0.0	142.8



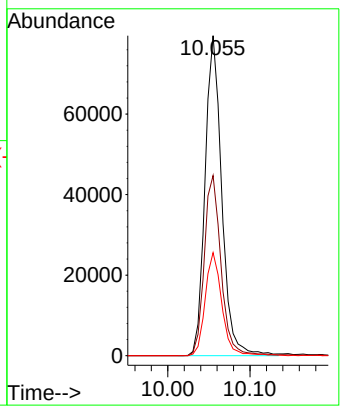


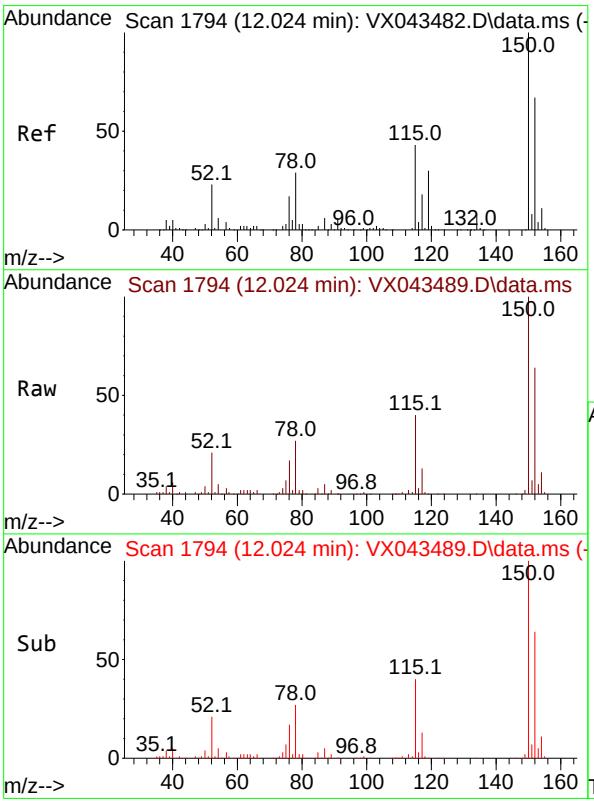
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBL01

Tgt Ion:117 Resp: 112394

Ion	Ratio	Lower	Upper
117	100		
82	56.3	46.0	69.0
119	32.2	26.2	39.2

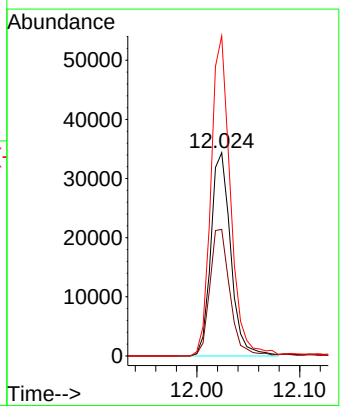




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

Tgt Ion:152 Resp: 46043

Ion	Ratio	Lower	Upper
152	100		
115	63.2	43.4	130.2
150	154.5	0.0	337.2



Raw Data: **VX043490.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX1023WBS01	SDG No.:	P4442
Lab Sample ID:	VX1023WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043490.D	1		10/23/24 16:13	VX102324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	17.8		0.21	1.00	ug/L
74-87-3	Chloromethane	17.5		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	18.5		0.34	1.00	ug/L
141-78-6	Ethyl Acetate	18.4		0.38	1.00	ug/L
74-83-9	Bromomethane	19.3		1.40	5.00	ug/L
75-00-3	Chloroethane	24.1		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.7		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.2		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	130		5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	19.2		0.26	1.00	ug/L
107-02-8	Acrolein	98.0		6.70	25.0	ug/L
107-13-1	Acrylonitrile	110		0.90	5.00	ug/L
67-64-1	Acetone	98.1		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	18.8		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.5		0.16	1.00	ug/L
79-20-9	Methyl Acetate	18.7		0.60	1.00	ug/L
75-09-2	Methylene Chloride	18.9		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.1		0.25	1.00	ug/L
108-05-4	Vinyl Acetate	98.6		0.71	5.00	ug/L
75-34-3	1,1-Dichloroethane	18.9		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.8		1.60	5.00	ug/L
78-93-3	2-Butanone	110		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.7		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	17.4		0.31	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.6		0.25	1.00	ug/L
74-97-5	Bromochloromethane	19.2		0.18	1.00	ug/L
67-66-3	Chloroform	18.2		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.8		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	18.0		0.19	1.00	ug/L
563-58-6	1,1-Dichloropropene	18.0		0.18	1.00	ug/L

Raw Data: **VX043490.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX1023WBS01	SDG No.:	P4442
Lab Sample ID:	VX1023WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043490.D	1		10/23/24 16:13	VX102324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	18.4		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.3		0.24	1.00	ug/L
79-01-6	Trichloroethene	17.7		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.0		0.19	1.00	ug/L
74-95-3	Dibromomethane	19.3		0.23	1.00	ug/L
75-27-4	Bromodichloromethane	18.4		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.75	5.00	ug/L
108-88-3	Toluene	19.2		0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	18.3		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.5		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.7		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	19.3		0.17	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	97.1		1.80	5.00	ug/L
591-78-6	2-Hexanone	110		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	19.5		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.8		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	18.1		0.25	1.00	ug/L
108-90-7	Chlorobenzene	18.2		0.13	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	19.5		0.21	1.00	ug/L
67-72-1	Hexachloroethane	17.6		0	0	ug/L
100-41-4	Ethyl Benzene	18.9		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	37.6		0.31	2.00	ug/L
95-47-6	o-Xylene	18.7		0.14	1.00	ug/L
100-42-5	Styrene	19.0		0.16	1.00	ug/L
75-25-2	Bromoform	17.7		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	19.8		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.0		0.27	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	18.2		0.39	1.00	ug/L
108-86-1	Bromobenzene	19.5		0.26	1.00	ug/L
103-65-1	n-propylbenzene	18.9		0.14	1.00	ug/L
95-49-8	2-Chlorotoluene	19.1		0.16	1.00	ug/L

Raw Data: **VX043490.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX1023WBS01	SDG No.:	P4442
Lab Sample ID:	VX1023WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043490.D	1		10/23/24 16:13	VX102324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	19.5		0.18	1.00	ug/L
106-43-4	4-Chlorotoluene	18.3		0.18	1.00	ug/L
98-06-6	tert-Butylbenzene	19.4		0.17	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	19.0		0.18	1.00	ug/L
135-98-8	sec-Butylbenzene	19.1		0.17	1.00	ug/L
99-87-6	p-Isopropyltoluene	18.8		0.15	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.0		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.8		0.27	1.00	ug/L
104-51-8	n-Butylbenzene	18.1		0.22	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.0		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.2		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.3		0.42	1.00	ug/L
87-68-3	Hexachlorobutadiene	17.4		0.31	1.00	ug/L
91-20-3	Naphthalene	17.2		0.59	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.1		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.0		74 - 125	98%	SPK: 50
1868-53-7	Dibromofluoromethane	48.3		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	49.5		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.6		77 - 121	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	87800	5.55			
540-36-3	1,4-Difluorobenzene	171000	6.763			
3114-55-4	Chlorobenzene-d5	151000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	66500	12.024			

Raw Data: **VX043490.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX1023WBS01	SDG No.:	P4442
Lab Sample ID:	VX1023WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043490.D	1		10/23/24 16:13	VX102324

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\VX102324\
Data File : VX043490.D
Acq On : 23 Oct 2024 16:13
Operator : JC/MD
Sample : VX1023WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 06:07:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	87818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	170619	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73807	48.988	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.980%			
35) Dibromofluoromethane	5.391	113	56672	48.289	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.580%			
50) Toluene-d8	8.647	98	204012	49.524	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.040%			
62) 4-Bromofluorobenzene	11.079	95	74815	47.554	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	17675	17.809	ug/l	99
3) Chloromethane	1.294	50	22838	17.491	ug/l	100
4) Vinyl Chloride	1.380	62	21465	18.546	ug/l	97
5) Bromomethane	1.599	94	9791	19.265	ug/l	97
6) Chloroethane	1.678	64	12216	24.115	ug/l	94
7) Trichlorofluoromethane	1.880	101	30142	18.683	ug/l	96
8) Diethyl Ether	2.142	74	11843	17.341	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	18475	19.246	ug/l	98
10) Methyl Iodide	2.453	142	26226	21.082	ug/l	98
11) Tert butyl alcohol	2.983	59	27654	128.847	ug/l	97
12) 1,1-Dichloroethene	2.319	96	18377	19.201	ug/l	98
13) Acrolein	2.239	56	21422	98.038	ug/l	97
14) Allyl chloride	2.666	41	33379	18.025	ug/l	98
15) Acrylonitrile	3.075	53	55002	105.959	ug/l	98
16) Acetone	2.392	43	55048	98.104	ug/l	100
17) Carbon Disulfide	2.508	76	38512	18.810	ug/l	99
18) Methyl Acetate	2.709	43	29001	18.650	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	68832	19.493	ug/l	94
20) Methylene Chloride	2.794	84	23625	18.895	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	20157	18.144	ug/l	95
22) Diisopropyl ether	3.770	45	71619	19.098	ug/l	99
23) Vinyl Acetate	3.727	43	260696	98.633	ug/l	98
24) 1,1-Dichloroethane	3.611	63	41380	18.873	ug/l	97
25) 2-Butanone	4.568	43	80323	106.034	ug/l	98
26) 2,2-Dichloropropane	4.471	77	31936	17.446	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	26081	18.637	ug/l	99
28) Bromochloromethane	4.904	49	18184	19.200	ug/l	98
29) Tetrahydrofuran	5.019	42	50239	104.077	ug/l	100
30) Chloroform	5.099	83	43765	18.191	ug/l	97
31) Cyclohexane	5.470	56	28994	18.788	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	36114	18.826	ug/l	100
36) 1,1-Dichloropropene	5.696	75	25059	18.031	ug/l	98
37) Ethyl Acetate	4.727	43	28701	18.436	ug/l #	86
38) Carbon Tetrachloride	5.672	117	28337	18.652	ug/l	97
39) Methylcyclohexane	7.379	83	29869	18.010	ug/l	96
40) Benzene	6.037	78	88177	18.414	ug/l	99

Sample Results: **VX043490.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043490.D
Acq On : 23 Oct 2024 16:13
Operator : JC/MD
Sample : VX1023WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 06:07:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	14902	17.435	ug/l		97
42) 1,2-Dichloroethane	6.092	62	32965	19.266	ug/l		98
43) Isopropyl Acetate	6.348	43	48115	19.676	ug/l		98
44) Trichloroethene	7.123	130	20917	17.720	ug/l		89
45) 1,2-Dichloropropane	7.427	63	21993	19.960	ug/l		90
46) Dibromomethane	7.586	93	15238	19.346	ug/l		99
47) Bromodichloromethane	7.824	83	29200	18.392	ug/l		99
48) Methyl methacrylate	7.696	41	23065	19.192	ug/l		98
49) 1,4-Dioxane	7.677	88	8917	441.988	ug/l		98
51) 4-Methyl-2-Pentanone	8.574	43	152454	104.117	ug/l		100
52) Toluene	8.720	92	55257	19.206	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	27350	18.329	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	32672	19.490	ug/l		93
55) 1,1,2-Trichloroethane	9.153	97	20266	19.658	ug/l		96
56) Ethyl methacrylate	9.116	69	29539	19.380	ug/l		97
57) 1,3-Dichloropropane	9.311	76	34504	19.254	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.244	63	65757	97.134	ug/l		99
59) 2-Hexanone	9.433	43	110577	105.795	ug/l		99
60) Dibromochloromethane	9.519	129	19741	19.527	ug/l		99
61) 1,2-Dibromoethane	9.610	107	20614	19.795	ug/l		95
64) Tetrachloroethene	9.275	164	18890	18.072	ug/l		94
65) Chlorobenzene	10.079	112	60455	18.181	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.165	131	20494	19.508	ug/l		98
67) Ethyl Benzene	10.195	91	101429	18.922	ug/l		100
68) m/p-Xylenes	10.299	106	76980	37.593	ug/l		99
69) o-Xylene	10.640	106	38617	18.672	ug/l		100
70) Styrene	10.659	104	63512	19.028	ug/l		99
71) Bromoform	10.799	173	10596	17.664	ug/l	#	97
73) Isopropylbenzene	10.963	105	94557	19.778	ug/l		98
74) N-amyl acetate	10.841	43	36683	20.463	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.213	83	28091	19.028	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	24233m	18.182	ug/l		
77) Bromobenzene	11.201	156	23905	19.502	ug/l		99
78) n-propylbenzene	11.305	91	102684	18.928	ug/l		100
79) 2-Chlorotoluene	11.366	91	71298	19.139	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	81640	19.485	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	6760	18.731	ug/l		94
82) 4-Chlorotoluene	11.457	91	78940	18.294	ug/l		97
83) tert-Butylbenzene	11.713	119	76974	19.390	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	81440	18.972	ug/l		99
85) sec-Butylbenzene	11.890	105	90564	19.095	ug/l		98
86) p-Isopropyltoluene	12.006	119	75078	18.784	ug/l		97
87) 1,3-Dichlorobenzene	11.969	146	41616	18.022	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	41841	17.774	ug/l		97
89) n-Butylbenzene	12.335	91	59956	18.060	ug/l		97
90) Hexachloroethane	12.536	117	11160	17.551	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	41655	18.044	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5361	20.209	ug/l		95
93) 1,2,4-Trichlorobenzene	13.591	180	22691	17.349	ug/l		99
94) Hexachlorobutadiene	13.725	225	8614	17.388	ug/l		95
95) Naphthalene	13.774	128	69898	17.184	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	22159	17.094	ug/l		97

Sample Results: **VX043490.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043490.D
Acq On : 23 Oct 2024 16:13
Operator : JC/MD
Sample : VX1023WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 06:07:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

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

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

Sample Results: **VX043490.D**

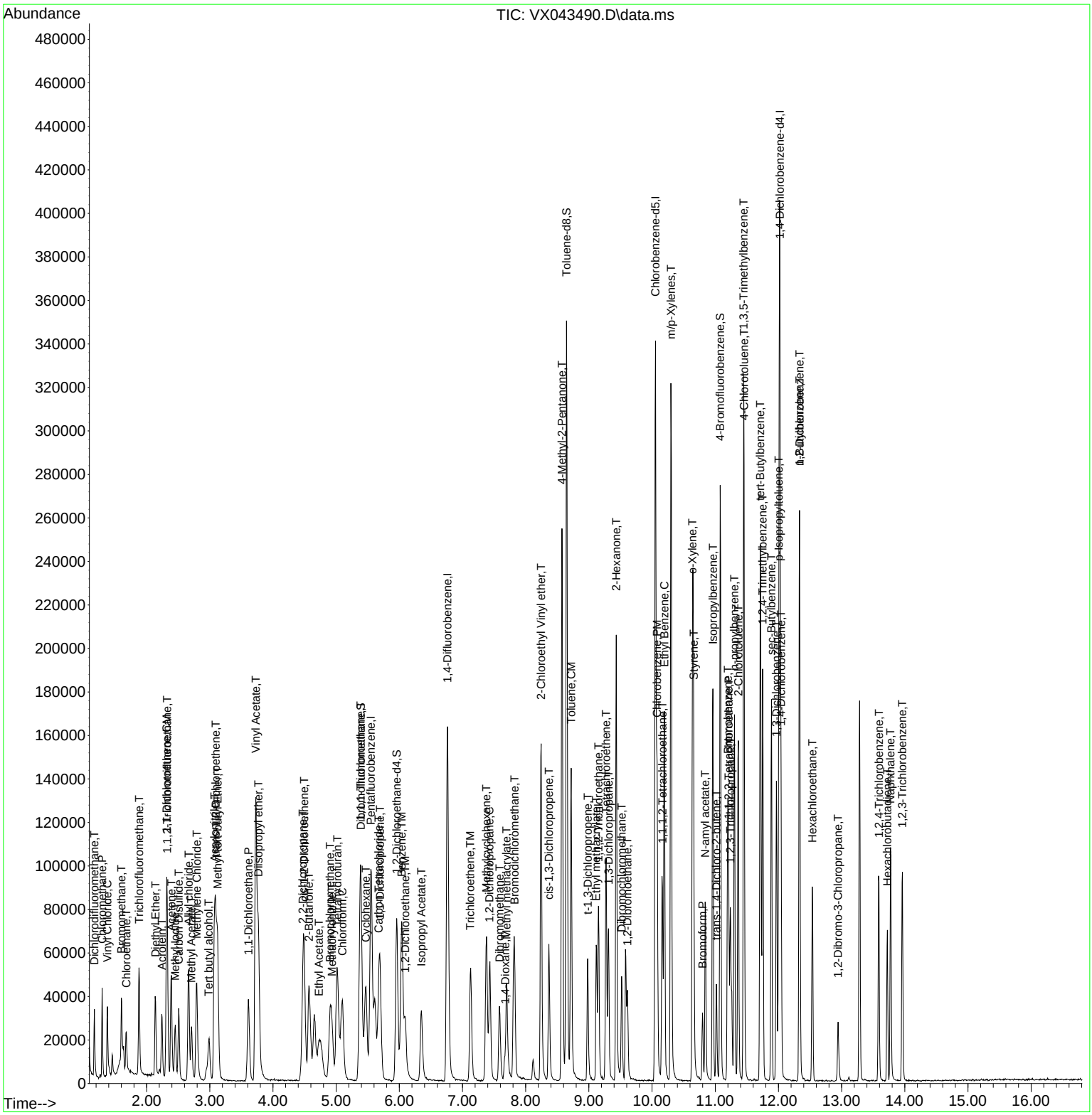
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043490.D
Acq On : 23 Oct 2024 16:13
Operator : JC/MD
Sample : VX1023WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 06:07:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024



Raw Data: **VX043491.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX1023WBSD01	SDG No.:	P4442
Lab Sample ID:	VX1023WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043491.D	1		10/23/24 16:36	VX102324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.7		0.21	1.00	ug/L
74-87-3	Chloromethane	18.5		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	18.8		0.34	1.00	ug/L
141-78-6	Ethyl Acetate	20.6		0.38	1.00	ug/L
74-83-9	Bromomethane	20.2		1.40	5.00	ug/L
75-00-3	Chloroethane	26.3		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.4		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.2		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	140		5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	19.4		0.26	1.00	ug/L
107-02-8	Acrolein	110		6.70	25.0	ug/L
107-13-1	Acrylonitrile	110		0.90	5.00	ug/L
67-64-1	Acetone	100		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	18.8		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.8		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.9		0.60	1.00	ug/L
75-09-2	Methylene Chloride	18.5		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.5		0.25	1.00	ug/L
108-05-4	Vinyl Acetate	110		0.71	5.00	ug/L
75-34-3	1,1-Dichloroethane	19.1		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.5		1.60	5.00	ug/L
78-93-3	2-Butanone	110		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.4		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	17.7		0.31	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.3		0.25	1.00	ug/L
74-97-5	Bromochloromethane	19.9		0.18	1.00	ug/L
67-66-3	Chloroform	18.9		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.1		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	18.3		0.19	1.00	ug/L
563-58-6	1,1-Dichloropropene	18.3		0.18	1.00	ug/L

Raw Data: **VX043491.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX1023WBSD01	SDG No.:	P4442
Lab Sample ID:	VX1023WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043491.D	1		10/23/24 16:36	VX102324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	18.9		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.9		0.24	1.00	ug/L
79-01-6	Trichloroethene	18.0		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.5		0.19	1.00	ug/L
74-95-3	Dibromomethane	20.4		0.23	1.00	ug/L
75-27-4	Bromodichloromethane	19.1		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.75	5.00	ug/L
108-88-3	Toluene	19.3		0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.0		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.9		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.9		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	20.1		0.17	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	100		1.80	5.00	ug/L
591-78-6	2-Hexanone	110		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	19.7		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	21.0		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	18.3		0.25	1.00	ug/L
108-90-7	Chlorobenzene	18.9		0.13	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	19.6		0.21	1.00	ug/L
67-72-1	Hexachloroethane	18.4		0	0	ug/L
100-41-4	Ethyl Benzene	18.7		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	38.0		0.31	2.00	ug/L
95-47-6	o-Xylene	18.8		0.14	1.00	ug/L
100-42-5	Styrene	19.0		0.16	1.00	ug/L
75-25-2	Bromoform	18.2		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	19.6		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.2		0.27	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	18.8		0.39	1.00	ug/L
108-86-1	Bromobenzene	19.4		0.26	1.00	ug/L
103-65-1	n-propylbenzene	18.9		0.14	1.00	ug/L
95-49-8	2-Chlorotoluene	19.6		0.16	1.00	ug/L

Raw Data: **VX043491.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX1023WBSD01	SDG No.:	P4442
Lab Sample ID:	VX1023WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043491.D	1		10/23/24 16:36	VX102324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	19.2		0.18	1.00	ug/L
106-43-4	4-Chlorotoluene	18.5		0.18	1.00	ug/L
98-06-6	tert-Butylbenzene	19.3		0.17	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	19.2		0.18	1.00	ug/L
135-98-8	sec-Butylbenzene	19.3		0.17	1.00	ug/L
99-87-6	p-Isopropyltoluene	18.5		0.15	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.1		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.9		0.27	1.00	ug/L
104-51-8	n-Butylbenzene	17.8		0.22	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.6		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	21.5		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.1		0.42	1.00	ug/L
87-68-3	Hexachlorobutadiene	17.9		0.31	1.00	ug/L
91-20-3	Naphthalene	18.0		0.59	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.8		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.8		74 - 125	102%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	49.5		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.3		77 - 121	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	81100	5.556			
540-36-3	1,4-Difluorobenzene	159000	6.763			
3114-55-4	Chlorobenzene-d5	142000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	62400	12.024			

Raw Data: **VX043491.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX1023WBSD01	SDG No.:	P4442
Lab Sample ID:	VX1023WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043491.D	1		10/23/24 16:36	VX102324

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\VX102324\
Data File : VX043491.D
Acq On : 23 Oct 2024 16:36
Operator : JC/MD
Sample : VX1023WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 06:08:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	81077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	159387	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70627	50.775	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.560%			
35) Dibromofluoromethane	5.385	113	55455	50.581	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.160%			
50) Toluene-d8	8.647	98	190532	49.511	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.020%			
62) 4-Bromofluorobenzene	11.079	95	69573	47.338	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	17177	18.746	ug/l	100
3) Chloromethane	1.295	50	22306	18.504	ug/l	99
4) Vinyl Chloride	1.380	62	20119	18.828	ug/l	98
5) Bromomethane	1.599	94	9499	20.244	ug/l	96
6) Chloroethane	1.679	64	12288	26.274	ug/l	100
7) Trichlorofluoromethane	1.880	101	28964	19.446	ug/l	96
8) Diethyl Ether	2.142	74	11846	18.788	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	16986	19.166	ug/l	99
10) Methyl Iodide	2.453	142	24994	21.762	ug/l	98
11) Tert butyl alcohol	2.983	59	27077	136.648	ug/l	96
12) 1,1-Dichloroethene	2.319	96	17184	19.447	ug/l	96
13) Acrolein	2.240	56	21503	106.591	ug/l	98
14) Allyl chloride	2.666	41	31801	18.601	ug/l	99
15) Acrylonitrile	3.069	53	53559	111.758	ug/l	99
16) Acetone	2.386	43	52609	101.552	ug/l	100
17) Carbon Disulfide	2.508	76	35509	18.786	ug/l	97
18) Methyl Acetate	2.709	43	28519	19.865	ug/l	96
19) Methyl tert-butyl Ether	3.124	73	67769	20.788	ug/l	99
20) Methylene Chloride	2.794	84	21359	18.503	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	18972	18.497	ug/l	92
22) Diisopropyl ether	3.770	45	69175	19.980	ug/l	95
23) Vinyl Acetate	3.727	43	259005	106.140	ug/l	99
24) 1,1-Dichloroethane	3.611	63	38711	19.124	ug/l	99
25) 2-Butanone	4.568	43	76859	109.897	ug/l	98
26) 2,2-Dichloropropane	4.477	77	29975	17.736	ug/l	78
27) cis-1,2-Dichloroethene	4.495	96	24915	19.284	ug/l	99
28) Bromochloromethane	4.904	49	17419	19.921	ug/l	97
29) Tetrahydrofuran	5.020	42	49882	111.929	ug/l	99
30) Chloroform	5.099	83	42025	18.920	ug/l	98
31) Cyclohexane	5.471	56	27813	19.521	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	33861	19.119	ug/l	100
36) 1,1-Dichloropropene	5.696	75	23809	18.338	ug/l	99
37) Ethyl Acetate	4.727	43	29933	20.583	ug/l	98
38) Carbon Tetrachloride	5.672	117	26126	18.409	ug/l	96
39) Methylcyclohexane	7.379	83	28376	18.315	ug/l	92
40) Benzene	6.038	78	84679	18.930	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043491.D
Acq On : 23 Oct 2024 16:36
Operator : JC/MD
Sample : VX1023WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 06:08:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	16339	20.464	ug/l		93
42) 1,2-Dichloroethane	6.086	62	31845	19.923	ug/l		97
43) Isopropyl Acetate	6.349	43	46212	20.229	ug/l		98
44) Trichloroethene	7.129	130	19877	18.025	ug/l		92
45) 1,2-Dichloropropane	7.434	63	18992	18.451	ug/l		93
46) Dibromomethane	7.586	93	15041	20.442	ug/l		98
47) Bromodichloromethane	7.824	83	28395	19.145	ug/l		97
48) Methyl methacrylate	7.696	41	22924	20.419	ug/l		95
49) 1,4-Dioxane	7.671	88	9670	513.089	ug/l		96
51) 4-Methyl-2-Pentanone	8.574	43	148481	108.549	ug/l		99
52) Toluene	8.720	92	51787	19.268	ug/l		95
53) t-1,3-Dichloropropene	8.982	75	26542	19.041	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	31225	19.939	ug/l		93
55) 1,1,2-Trichloroethane	9.153	97	20108	20.879	ug/l		97
56) Ethyl methacrylate	9.116	69	29875	20.981	ug/l		98
57) 1,3-Dichloropropane	9.311	76	33686	20.122	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.245	63	64171	101.471	ug/l		99
59) 2-Hexanone	9.433	43	107766	110.372	ug/l		99
60) Dibromochloromethane	9.519	129	18606	19.702	ug/l		95
61) 1,2-Dibromoethane	9.610	107	20419	20.990	ug/l		93
64) Tetrachloroethene	9.275	164	18063	18.320	ug/l		97
65) Chlorobenzene	10.080	112	59219	18.880	ug/l		95
66) 1,1,1,2-Tetrachloroethane	10.159	131	19424	19.601	ug/l		99
67) Ethyl Benzene	10.195	91	94333	18.656	ug/l		97
68) m/p-Xylenes	10.299	106	73403	38.002	ug/l		98
69) o-Xylene	10.640	106	36633	18.778	ug/l		99
70) Styrene	10.653	104	59946	19.039	ug/l		100
71) Bromoform	10.799	173	10287	18.180	ug/l	#	96
73) Isopropylbenzene	10.964	105	88113	19.616	ug/l		99
74) N-amyl acetate	10.842	43	36204	21.495	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.214	83	28074	20.240	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	23568m	18.821	ug/l		
77) Bromobenzene	11.195	156	22297	19.361	ug/l		98
78) n-propylbenzene	11.305	91	96185	18.871	ug/l		100
79) 2-Chlorotoluene	11.366	91	68432	19.552	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	75692	19.228	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	6653	19.621	ug/l		97
82) 4-Chlorotoluene	11.451	91	74886	18.471	ug/l		97
83) tert-Butylbenzene	11.713	119	72012	19.308	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	77555	19.230	ug/l		99
85) sec-Butylbenzene	11.890	105	85983	19.295	ug/l		98
86) p-Isopropyltoluene	12.006	119	69545	18.520	ug/l		97
87) 1,3-Dichlorobenzene	11.970	146	41393	19.079	ug/l		98
88) 1,4-Dichlorobenzene	12.043	146	39683	17.942	ug/l		99
89) n-Butylbenzene	12.335	91	55415	17.766	ug/l		99
90) Hexachloroethane	12.536	117	10992	18.400	ug/l		95
91) 1,2-Dichlorobenzene	12.335	146	40399	18.626	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5356	21.489	ug/l		95
93) 1,2,4-Trichlorobenzene	13.585	180	21008	17.096	ug/l		99
94) Hexachlorobutadiene	13.725	225	8324	17.884	ug/l		99
95) Naphthalene	13.774	128	68947	18.041	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	21624	17.755	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043491.D
Acq On : 23 Oct 2024 16:36
Operator : JC/MD
Sample : VX1023WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Quant Time: Oct 24 06:08:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 2024
Response via : Initial Calibration

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

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

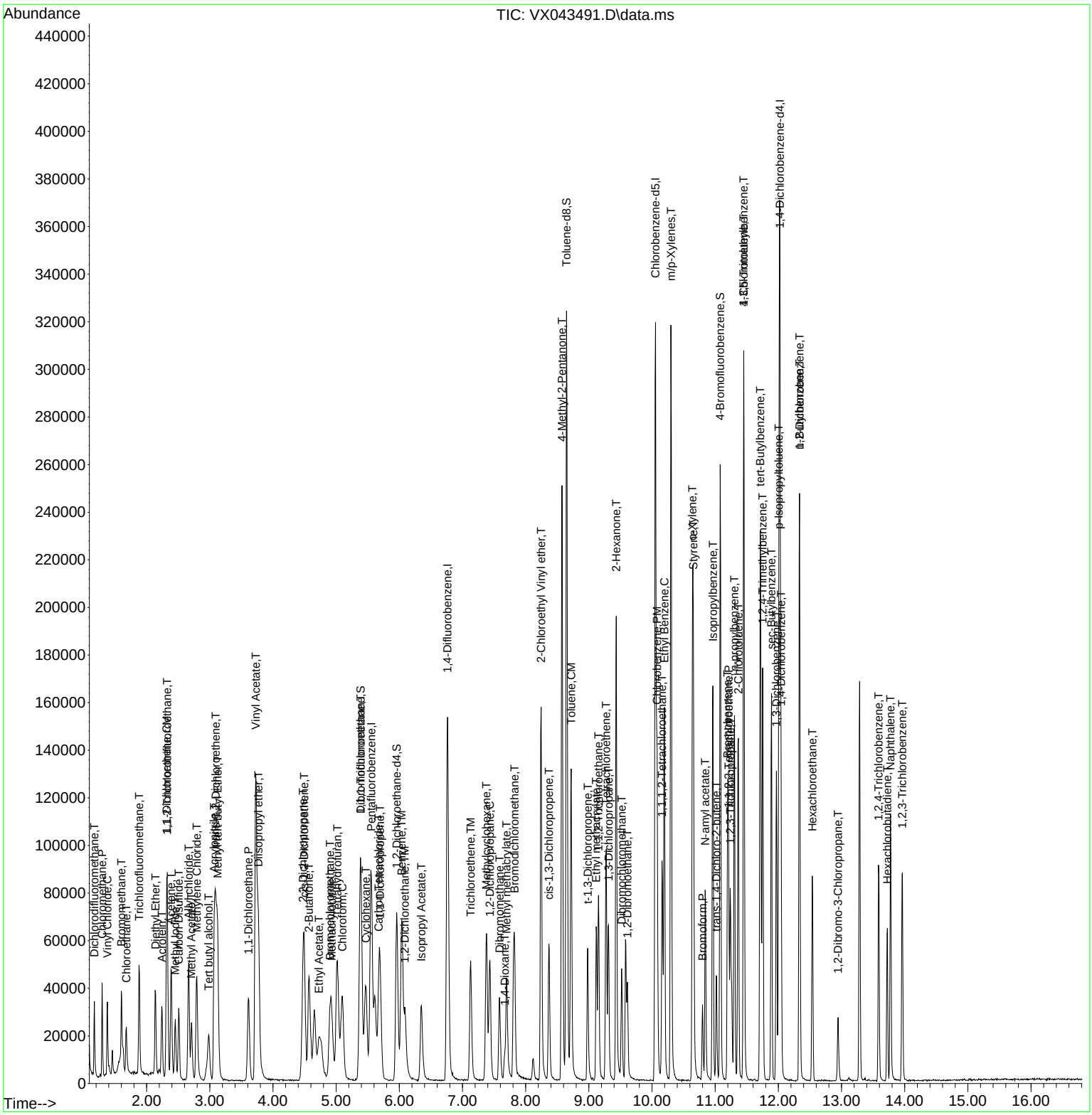
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
Data File : VX043491.D
Acq On : 23 Oct 2024 16:36
Operator : JC/MD
Sample : VX1023WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 06:08:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024



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

Manual Integration Report

Sequence:	VX102324	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VX043480.D	1,2,3-Trichloropropane	MMDadoda	10/24/2024 2:48:48 PM	SAM	10/24/2024 2:50:32 PM	Peak Integrated by Software
VSTDICC005	VX043480.D	Ethyl Acetate	MMDadoda	10/24/2024 2:48:48 PM	SAM	10/24/2024 2:50:32 PM	Peak Integrated by Software
VSTDICC005	VX043480.D	Methacrylonitrile	MMDadoda	10/24/2024 2:48:48 PM	SAM	10/24/2024 2:50:32 PM	Peak Integrated by Software
VSTDICC005	VX043480.D	Tert butyl alcohol	MMDadoda	10/24/2024 2:48:48 PM	SAM	10/24/2024 2:50:32 PM	Peak Integrated by Software
VSTDICC020	VX043481.D	1,2,3-Trichloropropane	MMDadoda	10/24/2024 2:48:46 PM	SAM	10/24/2024 2:50:33 PM	Peak Integrated by Software
VSTDICC020	VX043481.D	1,4-Dioxane	MMDadoda	10/24/2024 2:48:46 PM	SAM	10/24/2024 2:50:33 PM	Peak Integrated by Software
VSTDICC020	VX043481.D	Ethyl Acetate	MMDadoda	10/24/2024 2:48:46 PM	SAM	10/24/2024 2:50:33 PM	Peak Integrated by Software
VSTDICC020	VX043481.D	Tert butyl alcohol	MMDadoda	10/24/2024 2:48:46 PM	SAM	10/24/2024 2:50:33 PM	Peak Integrated by Software
VSTDICCC050	VX043482.D	1,2,3-Trichloropropane	MMDadoda	10/24/2024 2:48:45 PM	SAM	10/24/2024 2:50:35 PM	Peak Integrated by Software
VSTDICC100	VX043483.D	1,2,3-Trichloropropane	MMDadoda	10/24/2024 2:48:43 PM	SAM	10/24/2024 2:50:37 PM	Peak Integrated by Software
VSTDICC150	VX043484.D	1,2,3-Trichloropropane	MMDadoda	10/24/2024 2:48:42 PM	SAM	10/24/2024 2:50:38 PM	Peak Integrated by Software
VSTDICC001	VX043486.D	1,2,3-Trichloropropane	MMDadoda	10/24/2024 2:48:40 PM	SAM	10/24/2024 2:50:40 PM	Peak Integrated by Software
VSTDICC001	VX043486.D	1,2-Dichloroethane	MMDadoda	10/24/2024 2:48:40 PM	SAM	10/24/2024 2:50:40 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX102324	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX043486.D	1,4-Dichlorobenzene	MMDadoda	10/24/2024 2:48:40 PM	SAM	10/24/2024 2:50:40 PM	Peak Integrated by Software
VSTDICC001	VX043486.D	2-Butanone	MMDadoda	10/24/2024 2:48:40 PM	SAM	10/24/2024 2:50:40 PM	Peak Integrated by Software
VSTDICC001	VX043486.D	2-Hexanone	MMDadoda	10/24/2024 2:48:40 PM	SAM	10/24/2024 2:50:40 PM	Peak Integrated by Software
VSTDICC001	VX043486.D	Chloroethane	MMDadoda	10/24/2024 2:48:40 PM	SAM	10/24/2024 2:50:40 PM	Peak Integrated by Software
VSTDICC001	VX043486.D	Ethyl Acetate	MMDadoda	10/24/2024 2:48:40 PM	SAM	10/24/2024 2:50:40 PM	Peak Integrated by Software
VSTDICC001	VX043486.D	Ethyl methacrylate	MMDadoda	10/24/2024 2:48:40 PM	SAM	10/24/2024 2:50:40 PM	Peak Integrated by Software
VSTDICC001	VX043486.D	Isopropyl Acetate	MMDadoda	10/24/2024 2:48:40 PM	SAM	10/24/2024 2:50:40 PM	Peak Integrated by Software
VSTDICC001	VX043486.D	Methacrylonitrile	MMDadoda	10/24/2024 2:48:40 PM	SAM	10/24/2024 2:50:40 PM	Peak Integrated by Software
VSTDICC001	VX043486.D	Methyl methacrylate	MMDadoda	10/24/2024 2:48:40 PM	SAM	10/24/2024 2:50:40 PM	Peak Integrated by Software
VSTDICC001	VX043486.D	N-amyl acetate	MMDadoda	10/24/2024 2:48:40 PM	SAM	10/24/2024 2:50:40 PM	Peak Integrated by Software
VSTDICC001	VX043486.D	Naphthalene	MMDadoda	10/24/2024 2:48:40 PM	SAM	10/24/2024 2:50:40 PM	Peak Integrated by Software
VSTDICC001	VX043486.D	Styrene	MMDadoda	10/24/2024 2:48:40 PM	SAM	10/24/2024 2:50:40 PM	Peak Integrated by Software
VSTDICC001	VX043486.D	Trichloroethene	MMDadoda	10/24/2024 2:48:40 PM	SAM	10/24/2024 2:50:40 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX102324	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX043486.D	Vinyl Acetate	MMDadoda	10/24/2024 2:48:40 PM	SAM	10/24/2024 2:50:40 PM	Peak Integrated by Software
VSTDICV050	VX043487.D	1,2,3-Trichloropropane	MMDadoda	10/24/2024 2:48:38 PM	SAM	10/24/2024 2:50:42 PM	Peak Integrated by Software
VSTDICV050	VX043487.D	Tert butyl alcohol	MMDadoda	10/24/2024 2:48:38 PM	SAM	10/24/2024 2:50:42 PM	Peak Integrated by Software
VX1023WBS01	VX043490.D	1,2,3-Trichloropropane	MMDadoda	10/24/2024 2:48:37 PM	SAM	10/24/2024 2:50:43 PM	Peak Integrated by Software
VX1023WBSD01	VX043491.D	1,2,3-Trichloropropane	MMDadoda	10/24/2024 2:48:36 PM	SAM	10/24/2024 2:50:45 PM	Peak Integrated by Software
VSTDCCC050	VX043497.D	1,2,3-Trichloropropane	MMDadoda	10/24/2024 2:48:35 PM	SAM	10/24/2024 2:50:46 PM	Peak Integrated by Software

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 # VX102324

Review By	Mahesh Dadoda	Review On	10/24/2024 2:48:59 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	10/24/2024 2:50:54 PM				
SubDirectory	VX102324	HP Acquire Method	MSVOA_X	HP Processing Method	82X102324W.M		

STD. NAME	STD REF.#
Tune/Reschk	VP131054
Initial Calibration Stds	VP131055,VP131056,VP131057,VP131058,VP131059,VP131060
CCC	VP131061,VP131062
Internal Standard/PEM	
ICV/I.BLK	VP131066
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX043478.D	23 Oct 2024 08:00	JC/MD	Ok
2	VSTDICC001	VX043479.D	23 Oct 2024 08:36	JC/MD	Not Ok
3	VSTDICC005	VX043480.D	23 Oct 2024 08:59	JC/MD	Ok,M
4	VSTDICC020	VX043481.D	23 Oct 2024 09:22	JC/MD	Ok,M
5	VSTDICCC050	VX043482.D	23 Oct 2024 09:45	JC/MD	Ok,M
6	VSTDICC100	VX043483.D	23 Oct 2024 10:09	JC/MD	Ok,M
7	VSTDICC150	VX043484.D	23 Oct 2024 10:32	JC/MD	Ok,M
8	VIBLK	VX043485.D	23 Oct 2024 10:55	JC/MD	Ok
9	VSTDICC001	VX043486.D	23 Oct 2024 11:41	JC/MD	Ok,M
10	VSTDICV050	VX043487.D	23 Oct 2024 13:59	JC/MD	Ok,M
11	VX1023MBL01	VX043488.D	23 Oct 2024 15:26	JC/MD	Ok
12	VX1023WBL01	VX043489.D	23 Oct 2024 15:50	JC/MD	Ok
13	VX1023WBS01	VX043490.D	23 Oct 2024 16:13	JC/MD	Ok,M
14	VX1023WBSD01	VX043491.D	23 Oct 2024 16:36	JC/MD	Ok,M
15	VIBLK	VX043492.D	23 Oct 2024 16:59	JC/MD	Ok
16	P4442-01	VX043493.D	23 Oct 2024 17:22	JC/MD	Ok
17	P4442-02	VX043494.D	23 Oct 2024 17:46	JC/MD	Ok
18	P4442-03	VX043495.D	23 Oct 2024 18:09	JC/MD	Ok
19	P4442-04	VX043496.D	23 Oct 2024 18:32	JC/MD	Ok
20	VSTDCCC050	VX043497.D	23 Oct 2024 18:55	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 # VX102324

Review By	Mahesh Dadoda	Review On	10/24/2024 2:48:59 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/24/2024 2:50:54 PM		
SubDirectory	VX102324	HP Acquire Method	MSVOA_X	HP Processing Method	82X102324W.M

STD. NAME	STD REF.#
Tune/Reschk	VP131054
Initial Calibration Stds	VP131055,VP131056,VP131057,VP131058,VP131059,VP131060
CCC	VP131061,VP131062
Internal Standard/PEM	
ICV/I.BLK	VP131066
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX043478.D	23 Oct 2024 08:00		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX043479.D	23 Oct 2024 08:36	Not Used	JC/MD	Not Ok
3	VSTDICC005	VSTDICC005	VX043480.D	23 Oct 2024 08:59		JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX043481.D	23 Oct 2024 09:22		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX043482.D	23 Oct 2024 09:45		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX043483.D	23 Oct 2024 10:09		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX043484.D	23 Oct 2024 10:32		JC/MD	Ok,M
8	VIBLK	VIBLK	VX043485.D	23 Oct 2024 10:55		JC/MD	Ok
9	VSTDICC001	VSTDICC001	VX043486.D	23 Oct 2024 11:41		JC/MD	Ok,M
10	VSTDICV050	ICVVX102324	VX043487.D	23 Oct 2024 13:59		JC/MD	Ok,M
11	VX1023MBL01	VX1023MBL01	VX043488.D	23 Oct 2024 15:26		JC/MD	Ok
12	VX1023WBL01	VX1023WBL01	VX043489.D	23 Oct 2024 15:50		JC/MD	Ok
13	VX1023WBS01	VX1023WBS01	VX043490.D	23 Oct 2024 16:13		JC/MD	Ok,M
14	VX1023WBSD01	VX1023WBSD01	VX043491.D	23 Oct 2024 16:36		JC/MD	Ok,M
15	VIBLK	VIBLK	VX043492.D	23 Oct 2024 16:59		JC/MD	Ok
16	P4442-01	Storage-Blank-SOIL-RE	VX043493.D	23 Oct 2024 17:22	vial A pH<2	JC/MD	Ok
17	P4442-02	Storage-Blank-WATER-	VX043494.D	23 Oct 2024 17:46	vial A pH<2	JC/MD	Ok
18	P4442-03	Storage-Blank-WATER-	VX043495.D	23 Oct 2024 18:09	vial A pH<2	JC/MD	Ok

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 # VX102324

Review By	Mahesh Dadoda	Review On	10/24/2024 2:48:59 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/24/2024 2:50:54 PM		
SubDirectory	VX102324	HP Acquire Method	MSVOA_X	HP Processing Method	82X102324W.M

STD. NAME	STD REF.#
Tune/Reschk	VP131054
Initial Calibration Stds	VP131055,VP131056,VP131057,VP131058,VP131059,VP131060
CCC	VP131061,VP131062
Internal Standard/PEM	
ICV/I.BLK	VP131066
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	P4442-04	Storage-Blank-SAMPLE	VX043496.D	23 Oct 2024 18:32	vial A pH<2	JC/MD	Ok
20	VSTDCCC050	VSTDCCC050EC	VX043497.D	23 Oct 2024 18:55		JC/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/21/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/18/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 10/19/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB133000

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
P4442-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
P4442-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
P4442-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
P4442-08	PCB-GPC-BLANK	4	1.00	1.00	2.00	2.00	100.0	
P4442-09	PCB-GPC-BLANK-SPIKE	5	1.00	1.00	2.00	2.00	100.0	
P4442-10	SVOC-GPC2-BLANK	6	1.00	1.00	2.00	2.00	100.0	
P4442-11	PEST-GPC2-BLANK	7	1.00	1.00	2.00	2.00	100.0	
P4442-12	PEST-GPC2-BLANK-SPIKE	8	1.00	1.00	2.00	2.00	100.0	
P4442-13	PCB-GPC2-BLANK	9	1.00	1.00	2.00	2.00	100.0	
P4442-14	PCB-GPC2-BLANK-SPIKE	10	1.00	1.00	2.00	2.00	100.0	
P4443-01	OG-315-HR-502-COMP-29	11	1.17	8.40	9.57	8.9	92.0	
P4443-02	OG-315-HR-502-VOC-29	12	1.15	8.40	9.55	8.8	91.1	
P4443-03	OG-315-HR-502-57	13	1.17	8.60	9.77	9.00	91.0	
P4443-04	OG-315-HR-502-58	14	1.19	8.50	9.69	9.16	93.8	
P4443-06	OG-315-HR-502-COMP-30	15	1.18	8.41	9.59	8.4	85.9	
P4443-07	OG-315-HR-502-VOC-30	16	1.15	8.70	9.85	8.39	83.2	
P4443-08	OG-315-HR-502-59	17	1.15	8.81	9.96	9.33	92.8	
P4443-09	OG-315-HR-502-60	18	1.12	8.76	9.88	7.99	78.4	
P4450-01	PIPE-0	19	1.00	1.00	2.00	2.00	100.0	wipe sample
P4450-02	PIPE-3	20	1.00	1.00	2.00	2.00	100.0	wipe sample
P4450-03	PIPE-5	21	1.00	1.00	2.00	2.00	100.0	wipe sample
P4452-01	ETGI-285	22	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4454-01	34542	23	1.15	8.50	9.65	9.00	92.4	
P4454-02	34543	24	1.15	8.82	9.97	9.32	92.6	
P4454-03	34542-43	25	1.15	8.83	9.98	9.44	93.9	
P4455-01	SU-4-101824	26	1.12	8.49	9.61	8.85	91.0	
P4455-02	SU-4-101824-E2	27	1.12	8.84	9.96	9.07	89.9	
P4456-01	PAD-10182024	29	1.00	1.00	2.00	2.00	100.0	CONCRETE sample

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/21/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/18/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 10/19/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB133000

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
P4457-01	KMA755I-END-1-1	30	1.00	1.00	2.00	2.00	100.0	pilc
P4457-02	KMA755I-END-1-2	31	1.00	1.00	2.00	2.00	100.0	pilc
P4457-03	KMA755I-END-2-1	32	1.00	1.00	2.00	2.00	100.0	pilc
P4457-04	KMA755I-END-2-2	33	1.00	1.00	2.00	2.00	100.0	pilc
P4457-05	BL270845LOK-END-1-1	34	1.00	1.00	2.00	2.00	100.0	pilc
P4457-06	BL270845LOK-END-1-2	35	1.00	1.00	2.00	2.00	100.0	pilc
P4457-07	BL270845LOK-END-2-1	36	1.00	1.00	2.00	2.00	100.0	pilc
P4457-08	BL270845LOK-END-2-1	37	1.00	1.00	2.00	2.00	100.0	pilc
P4457-09	BC260234LOK-END-1-1	38	1.00	1.00	2.00	2.00	100.0	pilc
P4457-10	BC260234LOK-END-1-2	39	1.00	1.00	2.00	2.00	100.0	pilc
P4457-11	BC260234LOK-END-2-1	40	1.00	1.00	2.00	2.00	100.0	pilc
P4457-12	BC260234LOK-END-2-1	41	1.00	1.00	2.00	2.00	100.0	pilc
P4457-13	SW633963-END-1-1	42	1.00	1.00	2.00	2.00	100.0	pilc
P4457-14	SW633963-END-1-2	43	1.00	1.00	2.00	2.00	100.0	pilc
P4457-15	SW633963-END-2-1	44	1.00	1.00	2.00	2.00	100.0	pilc
P4457-16	SW633963-END-2-2	45	1.00	1.00	2.00	2.00	100.0	pilc
P4458-01	280517	46	1.15	8.68	9.83	8.75	87.6	
P4459-01	60379	28	1.00	1.00	2.00	2.00	100.0	wipe sample
P4460-02	WB-303-TOP	47	1.19	8.52	9.71	5.58	51.5	
P4460-03	WB-303-BOT	48	1.15	8.81	9.96	8.21	80.1	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

JB 133000

WorkList Name : %1-101824 **WorkList ID :** 184561 **Department :** Wet-Chemistry **Date :** 10-18-2024 08:02:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4442-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	10/18/2024	Chemtech -SO
P4442-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	10/18/2024	Chemtech -SO
P4442-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	10/18/2024	Chemtech -SO
P4442-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	10/18/2024	Chemtech -SO
P4442-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	10/18/2024	Chemtech -SO
P4442-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	10/18/2024	Chemtech -SO
P4442-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	10/18/2024	Chemtech -SO
P4442-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	10/18/2024	Chemtech -SO
P4442-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	10/18/2024	Chemtech -SO
P4442-14	PCB-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	10/18/2024	Chemtech -SO
P4443-01	OG-315-HR-502-COMP-29	Solid	Percent Solids	Cool 4 deg C	CHEM02	K11	10/18/2024	Chemtech -SO
P4443-02	OG-315-HR-502-VOC-29	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/17/2024	Chemtech -SO
P4443-03	OG-315-HR-502-57	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/17/2024	Chemtech -SO
P4443-04	OG-315-HR-502-58	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/17/2024	Chemtech -SO
P4443-06	OG-315-HR-502-COMP-30	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/17/2024	Chemtech -SO
P4443-07	OG-315-HR-502-VOC-30	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/17/2024	Chemtech -SO
P4443-08	OG-315-HR-502-59	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/17/2024	Chemtech -SO
P4443-09	OG-315-HR-502-60	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/17/2024	Chemtech -SO
P4450-01	PIPE-0	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/17/2024	Chemtech -SO
P4450-02	PIPE-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/18/2024	Chemtech -SO
P4450-03	PIPE-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/18/2024	Chemtech -SO

Date/Time 10.18.24 1620

Raw Sample Received by: JB WLC

Raw Sample Relinquished by: CB SM

Date/Time 10.18.24 1720

Raw Sample Received by: CP SM

Raw Sample Relinquished by: JB WLC

WORKLIST(Hardcopy Internal Chain)

VB 133000

WorkList Name : %1-101824 **WorkList ID :** 184561 **Department :** Wet-Chemistry **Date :** 10-18-2024 08:02:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4452-01	ETGI-285	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/18/2024	Chemtech -SO
P4454-01	34542	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/18/2024	Chemtech -SO
P4454-02	34543	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/18/2024	Chemtech -SO
P4454-03	34542-43	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/18/2024	Chemtech -SO
P4455-01	SU-4-101824	Solid	Percent Solids	Cool 4 deg C	PSEG05	K41	10/18/2024	Chemtech -SO
P4455-02	SU-4-101824-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	K41	10/18/2024	Chemtech -SO
P4456-01	PAD-10182024	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/18/2024	Chemtech -SO
P4457-01	KMA755I-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/18/2024	Chemtech -SO
P4457-02	KMA755I-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/18/2024	Chemtech -SO
P4457-03	KMA755I-END-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/18/2024	Chemtech -SO
P4457-04	KMA755I-END-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/18/2024	Chemtech -SO
P4457-05	BL270845LOK-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/18/2024	Chemtech -SO
P4457-06	BL270845LOK-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/18/2024	Chemtech -SO
P4457-07	BL270845LOK-END-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/18/2024	Chemtech -SO
P4457-08	BL270845LOK-END-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/18/2024	Chemtech -SO
P4457-09	BC260234LOK-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/18/2024	Chemtech -SO
P4457-10	BC260234LOK-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/18/2024	Chemtech -SO
P4457-11	BC260234LOK-END-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/18/2024	Chemtech -SO
P4457-12	BC260234LOK-END-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/18/2024	Chemtech -SO
P4457-13	SW633963-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/18/2024	Chemtech -SO
P4457-14	SW633963-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/18/2024	Chemtech -SO

Date/Time 10-18-24 16:20

Raw Sample Received by: JB WC

Raw Sample Relinquished by: ef SM

Date/Time 10-18-24 17:30

Raw Sample Received by: ef SM

Raw Sample Relinquished by: JB WC

WORKLIST(Hardcopy Internal Chain)

VB 133000

WorkList Name : %1-101824 **WorkList ID :** 184561 **Department :** Wet-Chemistry **Date :** 10-18-2024 08:02:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4457-15	SW633963-END-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/18/2024	Chemtech -SO
P4457-16	SW633963-END-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/18/2024	Chemtech -SO
P4458-01	280517	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/18/2024	Chemtech -SO
P4459-01	60379	Solid	Percent Solids	Cool 4 deg C	PSEG03	K51	10/18/2024	Chemtech -SO
P4460-02	WB-303-TOP	Solid	Percent Solids	Cool 4 deg C	PORT06	K51	10/18/2024	Chemtech -SO
P4460-03	WB-303-BOT	Solid	Percent Solids	Cool 4 deg C	PORT06	K51	10/18/2024	Chemtech -SO

Date/Time 10.18.24 16:20

Raw Sample Received by: JD WOC

Raw Sample Relinquished by: CP SM

Date/Time 10.18.24 17:30

Raw Sample Received by: CP SM

Raw Sample Relinquished by: JD WOC

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

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

#1

Chemtech Project Number	P4442
COC Number	

CLIENT INFORMATION

Report to be sent to:

COMPANY: Chemtech
ADDRESS: 284 Sheffield Street
CITY: Mountainside STATE: NJ ZIP: 08816
ATTENTION: QA Officer
PHONE: (908) 789-8900 FAX: (908) 789-8922

PROJECT INFORMATION

PROJECT NAME: Weekly Storage Blanks
PROJECT #: LOCATION: NJ
PROJECT MANAGER:
E-MAIL:
PHONE: FAX:

BILLING INFORMATION

BILL TO: Same PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION:
PHONE:

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1: VOC-Drinking; 2: SVOC-8270; 3: Pesticide-TCL; 4: PCB

PRESERVATIVES: A-HCl, B-HNO3, C-H2SO4, D-NaOH, E-ICE, F-OTHER

Chemtech Sample ID	Project Sample Identification	Sample Matrix	Sample Type: Comp	Sample Type: Grab	Sample Collection: Date	Sample Collection: Time	# of Bottles	1 (A/E)	2	3	4	5	6	7	8	9	Comments
1.	Storage-Blank-SOIL-REF-6	AQ		X			2	X									
2.	Storage-Blank-WATER-REF-5	AQ		X			2	X									
3.	Storage-Blank-WATER-REF-4	AQ		X			2	X									
4.	Storage-Blank-SAMPLE-MANAGEMENT	AQ		X			2	X									
5.	SVOC-GPC-BLANK	SO		X			1		X								
6.	PEST-GPC-BLANK	SO		X			1			X							
7.	PEST-GPC-BLANK-SPIKE	SO		X			1			X							
8.	PCB-GPC-BLANK	SO		X			1				X						
9.	PCB-GPC-BLANK-SPIKE	SO		X			1				X						
10.	SVOC-GPC2-BLANK	SO		X			1		X								

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

Relinquished by	Date/Time	Received by
1. (signature)		1.
2.		2.
3.		3. (Received for Lab by)

Conditions of bottles or coolers at receipt: ☒ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 6.0
Comments:

Page 1 of 2

CLIENT: ☐ Hand Delivered ☐ Other:
CHEMTECH: ☐ Picked Up

Shipment Complete: ☒ YES ☐ NO

10/2018

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

CHEMTECH

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

#2

CHAIN OF CUSTODY RECORD

Chemtech Project Number: P4442
COC Number:

CLIENT INFORMATION

Report to be sent to:
COMPANY: CHEMTECH
ADDRESS: 284 Sheffield Street
CITY: Mountainside STATE: NJ ZIP: 07092
ATTENTION: QA Officer
PHONE: 908-789-8900 FAX: 908-789-8922

PROJECT INFORMATION

PROJECT NAME: Weekly Storage Blocks
PROJECT #: LOCATION: NJT
PROJECT MANAGER:
E-MAIL:
PHONE: FAX:

BILLING INFORMATION

BILL TO: SAME PO#
ADDRESS:
CITY:
ATTENTION: STATE: ZIP:
PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH): DAYS*
HARDCOPY (DATA PACKAGE): 15 DAYS*
EDD: DAYS*
TO BE APPROVED BY CHEMTECH DAYS*
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

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

ANALYSIS

	CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE: GRAB	SAMPLE TYPE: COMP	SAMPLE COLLECTION: DATE	SAMPLE COLLECTION: TIME	# of Bottles	PRESERVATIVES: PRE	1	2	3	4	5	6	7	8	9
1.		PEST-GRC2-BLANK	SO		X			1				X						
2.		PEST-GRC2-BLANK-SPIKE	SO		X			1				X						
3.		PCB-GRC2-BLANK	SO		X			1					X					
4.		PCB-GRC2-BLANK-SPIKE	SO		X			1					X					
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

COMMENTS (<-- Specify Preservative): A-HCl, B-HNO3, C-H2SO4, D-NaOH, E-ICE, F-OTHER

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.		1.
2. RELINQUISHED BY	DATE/TIME	2. RECEIVED BY
3. RELINQUISHED BY	DATE/TIME	3. RECEIVED FOR LAB BY

Conditions of bottles or cooler at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 6.0°
Comments:

Page 2 of 2

CLIENT: ☐ Hand Delivered ☐ Other:
CHEMTECH: ☐ Picked Up

Shipment Complete: YES ☐ NO

10/2018

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

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 (L-A-B)	L2219
Maine	2024021
Maryland	296
New Hampshire	255423
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488