

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
 Data File : VX047202.D
 Acq On : 01 Aug 2025 10:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/04/2025
 Supervised By : Mahesh Dadoda 08/04/2025

Quant Time: Aug 02 00:22:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	249274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	439479	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	396034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	195271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168777	54.354	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.700%			
35) Dibromofluoromethane	5.391	113	143030	52.711	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.420%			
50) Toluene-d8	8.647	98	407877	46.415	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.840%			
62) 4-Bromofluorobenzene	11.079	95	194873	51.459	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	147130	44.437	ug/l	100
3) Chloromethane	1.313	50	133422	40.738	ug/l	99
4) Vinyl Chloride	1.392	62	161551	45.886	ug/l	99
5) Bromomethane	1.630	94	86835	45.405	ug/l	92
6) Chloroethane	1.703	64	95243	41.189	ug/l	98
7) Trichlorofluoromethane	1.904	101	242797	46.249	ug/l	97
8) Diethyl Ether	2.142	74	96947	52.375	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	144034	45.539	ug/l	99
10) Methyl Iodide	2.471	142	228722	70.955	ug/l	99
11) Tert butyl alcohol	2.953	59	85546	235.055	ug/l	99
12) 1,1-Dichloroethene	2.337	96	142309	45.427	ug/l	98
13) Acrolein	2.245	56	164530	246.082	ug/l	100
14) Allyl chloride	2.678	41	254142	44.880	ug/l	95
15) Acrylonitrile	3.075	53	384397	259.563	ug/l	100
16) Acetone	2.386	43	340379	273.630	ug/l	99
17) Carbon Disulfide	2.526	76	359875	39.710	ug/l	99
18) Methyl Acetate	2.709	43	205309	62.107	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	517463	54.276	ug/l	99
20) Methylene Chloride	2.800	84	170284	49.759	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	149747	46.713	ug/l	95
22) Diisopropyl ether	3.763	45	581939	53.452	ug/l	97
23) Vinyl Acetate	3.727	43	2346066	268.668	ug/l	100
24) 1,1-Dichloroethane	3.617	63	302985	50.046	ug/l	100
25) 2-Butanone	4.556	43	462917	255.575	ug/l	99
26) 2,2-Dichloropropane	4.483	77	228054	48.663	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	190537	50.193	ug/l	99
28) Bromochloromethane	4.903	49	163712	58.778	ug/l	100
29) Tetrahydrofuran	5.013	42	275582	235.810	ug/l	96
30) Chloroform	5.099	83	311367	50.525	ug/l	100
31) Cyclohexane	5.477	56	240661	41.458	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	252506	47.173	ug/l	99
36) 1,1-Dichloropropene	5.696	75	191984	41.507	ug/l	99
37) Ethyl Acetate	4.715	43	209532	49.162	ug/l	99
38) Carbon Tetrachloride	5.678	117	218001	44.159	ug/l	96
39) Methylcyclohexane	7.379	83	239537	41.478	ug/l	98
40) Benzene	6.044	78	621771	46.450	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
 Data File : VX047202.D
 Acq On : 01 Aug 2025 10:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 02 00:22:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/04/2025
 Supervised By : Mahesh Dadoda 08/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	108376	48.632	ug/l	94
42) 1,2-Dichloroethane	6.086	62	237943	50.462	ug/l	99
43) Isopropyl Acetate	6.336	43	339645	51.117	ug/l	98
44) Trichloroethene	7.129	130	152188	44.336	ug/l	99
45) 1,2-Dichloropropane	7.427	63	164759	49.144	ug/l	92
46) Dibromomethane	7.580	93	119052	50.638	ug/l	99
47) Bromodichloromethane	7.818	83	255281	51.014	ug/l	99
48) Methyl methacrylate	7.690	41	176657	48.805	ug/l	99
49) 1,4-Dioxane	7.720	88	36680	890.960	ug/l #	76
51) 4-Methyl-2-Pentanone	8.567	43	980486	248.264	ug/l	99
52) Toluene	8.714	92	382580	46.482	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	242189	51.252	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	259734	50.220	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	157727	51.099	ug/l	97
56) Ethyl methacrylate	9.116	69	239580	52.429	ug/l	99
57) 1,3-Dichloropropane	9.305	76	267996	49.956	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	647878	254.784	ug/l	99
59) 2-Hexanone	9.427	43	659837	252.881	ug/l	99
60) Dibromochloromethane	9.519	129	188141	51.970	ug/l	100
61) 1,2-Dibromoethane	9.604	107	160768	49.811	ug/l	100
64) Tetrachloroethene	9.275	164	120939	42.361	ug/l	97
65) Chlorobenzene	10.079	112	432685	46.637	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	154408	49.432	ug/l	99
67) Ethyl Benzene	10.189	91	745099	45.932	ug/l	99
68) m/p-Xylenes	10.299	106	551606	90.866	ug/l	100
69) o-Xylene	10.640	106	273774	47.407	ug/l	99
70) Styrene	10.652	104	481629	48.636	ug/l	99
71) Bromoform	10.799	173	119008	50.155	ug/l #	100
73) Isopropylbenzene	10.957	105	703009	45.633	ug/l	100
74) N-amyl acetate	10.841	43	300736	48.381	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	217115	49.338	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	178451m	49.373	ug/l	
77) Bromobenzene	11.195	156	173980	47.084	ug/l	99
78) n-propylbenzene	11.299	91	834507	45.330	ug/l	99
79) 2-Chlorotoluene	11.360	91	506991	46.071	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	586816	46.106	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	47022	33.518	ug/l	99
82) 4-Chlorotoluene	11.451	91	602449	46.902	ug/l	99
83) tert-Butylbenzene	11.713	119	598916	46.884	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	592090	46.641	ug/l	99
85) sec-Butylbenzene	11.890	105	724398	45.385	ug/l	100
86) p-Isopropyltoluene	12.006	119	610320	46.110	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	325137	46.309	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	327586	46.053	ug/l	99
89) n-Butylbenzene	12.329	91	565708	45.575	ug/l	100
90) Hexachloroethane	12.536	117	110622	46.717	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	314072	46.804	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	42579	50.407	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	216310	48.790	ug/l	100
94) Hexachlorobutadiene	13.725	225	77341	51.294	ug/l	97
95) Naphthalene	13.774	128	652926	50.236	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	209265	48.995	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
Data File : VX047202.D
Acq On : 01 Aug 2025 10:22
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025

Quant Time: Aug 02 00:22:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

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

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

Manual Integrations

Quant Time: Aug 02 00:22:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

