

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070925\
 Data File : VX046931.D
 Acq On : 09 Jul 2025 15:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/10/2025
 Supervised By : Mahesh Dadoda 07/10/2025

Quant Time: Jul 10 03:14:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 10 02:52:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	345891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	565553	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.049	117	503788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	252202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	226480	49.563	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.120%		
35) Dibromofluoromethane	5.385	113	195954	51.043	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.080%		
50) Toluene-d8	8.647	98	653650	48.258	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.520%		
62) 4-Bromofluorobenzene	11.079	95	251631	48.881	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	170514	51.547	ug/l	100
3) Chloromethane	1.307	50	180725	50.005	ug/l	96
4) Vinyl Chloride	1.386	62	201180	51.116	ug/l	99
5) Bromomethane	1.618	94	125606	49.670	ug/l	96
6) Chloroethane	1.703	64	127267	48.970	ug/l	100
7) Trichlorofluoromethane	1.904	101	316579	52.021	ug/l	99
8) Diethyl Ether	2.142	74	111927	51.682	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	203803	52.557	ug/l	99
10) Methyl Iodide	2.465	142	220134	52.107	ug/l	98
11) Tert butyl alcohol	2.953	59	86159	287.489	ug/l	97
12) 1,1-Dichloroethene	2.331	96	190641	50.828	ug/l	99
13) Acrolein	2.246	56	92968	259.778	ug/l	100
14) Allyl chloride	2.672	41	347589	52.052	ug/l	99
15) Acrylonitrile	3.069	53	484765	279.770	ug/l	99
16) Acetone	2.386	43	373101	262.858	ug/l	98
17) Carbon Disulfide	2.526	76	447976	45.543	ug/l	99
18) Methyl Acetate	2.709	43	232075	62.032	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	573002	54.099	ug/l	98
20) Methylene Chloride	2.800	84	224177	53.411	ug/l	98
21) trans-1,2-Dichloroethene	3.099	96	193775	50.489	ug/l	98
22) Diisopropyl ether	3.764	45	695492	53.910	ug/l	98
23) Vinyl Acetate	3.727	43	2615056	270.565	ug/l	100
24) 1,1-Dichloroethane	3.617	63	381902	51.906	ug/l	99
25) 2-Butanone	4.556	43	532267	281.066	ug/l	100
26) 2,2-Dichloropropane	4.477	77	273489	49.946	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	240282	51.278	ug/l	99
28) Bromochloromethane	4.898	49	168958	46.530	ug/l	98
29) Tetrahydrofuran	5.001	42	340974	282.453	ug/l	99
30) Chloroform	5.099	83	385838	51.330	ug/l	99
31) Cyclohexane	5.477	56	313461	47.990	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	317893	50.620	ug/l	99
36) 1,1-Dichloropropene	5.696	75	255164	49.263	ug/l	99
37) Ethyl Acetate	4.715	43	224205	50.822	ug/l	98
38) Carbon Tetrachloride	5.678	117	279605	51.060	ug/l	99
39) Methylcyclohexane	7.379	83	309712	47.801	ug/l	99
40) Benzene	6.038	78	786030	50.172	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070925\
 Data File : VX046931.D
 Acq On : 09 Jul 2025 15:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/10/2025
 Supervised By : Mahesh Dadoda 07/10/2025

Quant Time: Jul 10 03:14:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 10 02:52:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	137469	58.414	ug/l	99
42) 1,2-Dichloroethane	6.086	62	270732	50.891	ug/l	100
43) Isopropyl Acetate	6.336	43	373189	55.228	ug/l	100
44) Trichloroethene	7.123	130	197836	48.511	ug/l	97
45) 1,2-Dichloropropane	7.428	63	199923	50.509	ug/l	100
46) Dibromomethane	7.580	93	138610	50.542	ug/l	99
47) Bromodichloromethane	7.818	83	300206	51.266	ug/l	98
48) Methyl methacrylate	7.690	41	193866	55.564	ug/l	99
49) 1,4-Dioxane	7.653	88	46111	1140.583	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	1121414	281.203	ug/l	100
52) Toluene	8.714	92	488031	50.270	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	269416	51.552	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	306270	51.342	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	185656	51.343	ug/l	98
56) Ethyl methacrylate	9.116	69	275139	54.974	ug/l	100
57) 1,3-Dichloropropane	9.305	76	316753	50.872	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	777006	275.535	ug/l	100
59) 2-Hexanone	9.427	43	755836	285.741	ug/l	100
60) Dibromochloromethane	9.519	129	221097	51.092	ug/l	99
61) 1,2-Dibromoethane	9.604	107	187772	51.705	ug/l	100
64) Tetrachloroethene	9.269	164	159822	47.648	ug/l	96
65) Chlorobenzene	10.073	112	542932	49.846	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	187536	51.218	ug/l	100
67) Ethyl Benzene	10.189	91	942048	50.504	ug/l	99
68) m/p-Xylenes	10.299	106	710997	101.155	ug/l	99
69) o-Xylene	10.640	106	339698	50.032	ug/l	100
70) Styrene	10.653	104	601143	51.750	ug/l	100
71) Bromoform	10.799	173	138598	50.908	ug/l	97
73) Isopropylbenzene	10.957	105	913450	51.523	ug/l	100
74) N-amyl acetate	10.842	43	331591	55.040	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	254770	52.260	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	209356m	53.724	ug/l	
77) Bromobenzene	11.195	156	218751	49.535	ug/l	97
78) n-propylbenzene	11.299	91	1085851	50.794	ug/l	100
79) 2-Chlorotoluene	11.360	91	631832	50.055	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	740501	51.403	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	75304	51.856	ug/l	98
82) 4-Chlorotoluene	11.451	91	740068	50.806	ug/l	100
83) tert-Butylbenzene	11.713	119	761363	51.172	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	749613	51.482	ug/l	97
85) sec-Butylbenzene	11.890	105	954385	50.875	ug/l	100
86) p-Isopropyltoluene	12.006	119	796038	50.673	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	415865	50.353	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	417108	48.526	ug/l	99
89) n-Butylbenzene	12.329	91	737260	49.947	ug/l	100
90) Hexachloroethane	12.536	117	142048	51.007	ug/l	97
91) 1,2-Dichlorobenzene	12.329	146	397092	49.615	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	45709	53.608	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	268833	49.443	ug/l	99
94) Hexachlorobutadiene	13.725	225	96158	46.895	ug/l	99
95) Naphthalene	13.774	128	776554	54.200	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	261564	50.913	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070925\
Data File : VX046931.D
Acq On : 09 Jul 2025 15:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

Quant Time: Jul 10 03:14:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 10 02:52:52 2025
Response via : Initial Calibration

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

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

