

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047077.D
 Acq On : 23 Jul 2025 09:30
 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 07/24/2025
 Supervised By : Mahesh Dadoda 07/24/2025

Quant Time: Jul 24 05:42:25 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	346372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	582956	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	499261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	238699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	203034	47.056	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.120%		
35) Dibromofluoromethane	5.391	113	177294	49.257	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.520%		
50) Toluene-d8	8.647	98	525666	45.097	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.200%#		
62) 4-Bromofluorobenzene	11.079	95	229331	45.654	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	250519	54.452	ug/l	100
3) Chloromethane	1.307	50	246942	54.262	ug/l	99
4) Vinyl Chloride	1.386	62	251264	51.362	ug/l	100
5) Bromomethane	1.618	94	190341	71.627	ug/l	99
6) Chloroethane	1.703	64	146754	45.675	ug/l	98
7) Trichlorofluoromethane	1.904	101	370828	50.835	ug/l	99
8) Diethyl Ether	2.148	74	124399	48.366	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	216478	49.257	ug/l	99
10) Methyl Iodide	2.465	142	173239	38.677	ug/l	99
11) Tert butyl alcohol	2.953	59	102565	201.345	ug/l	98
12) 1,1-Dichloroethene	2.331	96	211450	48.577	ug/l	99
13) Acrolein	2.246	56	262265	282.299	ug/l	99
14) Allyl chloride	2.678	41	389208	49.464	ug/l	99
15) Acrylonitrile	3.069	53	489993	238.115	ug/l	99
16) Acetone	2.386	43	436668	252.631	ug/l	98
17) Carbon Disulfide	2.526	76	604536	48.006	ug/l	98
18) Methyl Acetate	2.709	43	217073	47.258	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	614233	46.366	ug/l	98
20) Methylene Chloride	2.800	84	220624	46.396	ug/l	96
21) trans-1,2-Dichloroethene	3.105	96	213566	47.945	ug/l	97
22) Diisopropyl ether	3.764	45	724699	47.905	ug/l	97
23) Vinyl Acetate	3.727	43	2906353	239.529	ug/l	100
24) 1,1-Dichloroethane	3.617	63	395078	46.964	ug/l	99
25) 2-Butanone	4.556	43	569017	226.086	ug/l	100
26) 2,2-Dichloropropane	4.483	77	307948	47.290	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	242169	45.911	ug/l	99
28) Bromochloromethane	4.904	49	183838	47.501	ug/l	98
29) Tetrahydrofuran	5.007	42	362100	222.984	ug/l	100
30) Chloroform	5.099	83	393408	45.942	ug/l	99
31) Cyclohexane	5.477	56	361444	44.811	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	342829	46.093	ug/l	99
36) 1,1-Dichloropropene	5.696	75	274289	44.706	ug/l	99
37) Ethyl Acetate	4.715	43	238730	42.227	ug/l	99
38) Carbon Tetrachloride	5.684	117	296317	45.250	ug/l	97
39) Methylcyclohexane	7.385	83	345346	45.082	ug/l	97
40) Benzene	6.038	78	806602	45.427	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047077.D
 Acq On : 23 Jul 2025 09:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 24 05:42:25 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 07/24/2025
 Supervised By : Mahesh Dadoda 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	141525	47.877	ug/l	99
42) 1,2-Dichloroethane	6.092	62	289254	46.246	ug/l	99
43) Isopropyl Acetate	6.336	43	402770	45.698	ug/l	100
44) Trichloroethene	7.123	130	202725	44.524	ug/l	95
45) 1,2-Dichloropropane	7.428	63	200473	45.079	ug/l	96
46) Dibromomethane	7.580	93	143188	45.915	ug/l	99
47) Bromodichloromethane	7.818	83	303637	45.743	ug/l	100
48) Methyl methacrylate	7.690	41	207662	43.250	ug/l	99
49) 1,4-Dioxane	7.653	88	49153	900.080	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	1147548	219.051	ug/l	99
52) Toluene	8.714	92	495325	45.369	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	288891	46.088	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	321604	46.878	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	181804	44.403	ug/l	100
56) Ethyl methacrylate	9.116	69	280577	46.289	ug/l	99
57) 1,3-Dichloropropane	9.305	76	313438	44.047	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	778594	230.830	ug/l	99
59) 2-Hexanone	9.427	43	787041	227.394	ug/l	100
60) Dibromochloromethane	9.519	129	217168	45.224	ug/l	99
61) 1,2-Dibromoethane	9.604	107	185750	43.387	ug/l	99
64) Tetrachloroethene	9.269	164	161363	44.834	ug/l	96
65) Chlorobenzene	10.080	112	535156	45.755	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	180554	45.851	ug/l	99
67) Ethyl Benzene	10.189	91	951798	46.543	ug/l	99
68) m/p-Xylenes	10.299	106	707134	92.402	ug/l	99
69) o-Xylene	10.640	106	335945	46.145	ug/l	99
70) Styrene	10.653	104	580632	46.511	ug/l	100
71) Bromoform	10.799	173	137684	46.029	ug/l	99
73) Isopropylbenzene	10.957	105	896854	47.624	ug/l	100
74) N-amyl acetate	10.842	43	355916	46.841	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	243994	45.358	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	202360m	45.801	ug/l	
77) Bromobenzene	11.195	156	210321	46.563	ug/l	99
78) n-propylbenzene	11.299	91	1077294	47.872	ug/l	100
79) 2-Chlorotoluene	11.360	91	627741	46.665	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	735935	47.303	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	80196	46.765	ug/l	97
82) 4-Chlorotoluene	11.451	91	729361	46.452	ug/l	98
83) tert-Butylbenzene	11.713	119	737759	47.246	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	734944	47.361	ug/l	100
85) sec-Butylbenzene	11.890	105	926695	47.496	ug/l	100
86) p-Isopropyltoluene	12.006	119	770190	47.602	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	395590	46.093	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	398720	45.855	ug/l	97
89) n-Butylbenzene	12.329	91	720801	47.504	ug/l	99
90) Hexachloroethane	12.536	117	138596	47.882	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	371784	45.325	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	46774	45.299	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	254288	46.921	ug/l	99
94) Hexachlorobutadiene	13.719	225	91731	49.769	ug/l	98
95) Naphthalene	13.774	128	747230	47.032	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	240553	46.073	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047077.D
Acq On : 23 Jul 2025 09:30
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 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

Quant Time: Jul 24 05:42:25 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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047077.D
Acq On : 23 Jul 2025 09:30
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 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

Quant Time: Jul 24 05:42:25 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

