

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048225.D
 Acq On : 17 Oct 2025 19:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2025
 Supervised By : Mahesh Dadoda 10/20/2025

Quant Time: Oct 18 00:24:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 18 00:06:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	126705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	215116	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	200092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	102640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	102222	52.077	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.160%			
35) Dibromofluoromethane	5.373	113	81349	54.488	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.980%			
50) Toluene-d8	8.634	98	278553	51.790	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.580%			
62) 4-Bromofluorobenzene	11.061	95	109449	55.870	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	65322	49.120	ug/l	95
3) Chloromethane	1.300	50	61786	38.351	ug/l	99
4) Vinyl Chloride	1.380	62	58531	34.478	ug/l	97
5) Bromomethane	1.611	94	38340	33.962	ug/l	98
6) Chloroethane	1.697	64	35872	33.205	ug/l	93
7) Trichlorofluoromethane	1.898	101	109366	41.044	ug/l	96
8) Diethyl Ether	2.136	74	31424	34.574	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.337	101	65874	43.871	ug/l	97
10) Methyl Iodide	2.459	142	83910	46.655	ug/l	99
11) Tert butyl alcohol	2.940	59	35062	269.203	ug/l	100
12) 1,1-Dichloroethene	2.325	96	65618	44.692	ug/l	93
13) Acrolein	2.239	56	49699	181.568	ug/l	98
14) Allyl chloride	2.666	41	107688	40.775	ug/l	98
15) Acrylonitrile	3.056	53	150878	241.752	ug/l	99
16) Acetone	2.373	43	113554	169.582	ug/l	97
17) Carbon Disulfide	2.520	76	191702	42.436	ug/l	99
18) Methyl Acetate	2.703	43	59367	43.529	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	218177	49.332	ug/l	99
20) Methylene Chloride	2.788	84	73833	45.262	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	70972	46.725	ug/l	98
22) Diisopropyl ether	3.751	45	225433	43.592	ug/l	94
23) Vinyl Acetate	3.715	43	879098	227.341	ug/l	98
24) 1,1-Dichloroethane	3.605	63	128655	43.851	ug/l	99
25) 2-Butanone	4.538	43	167168	214.284	ug/l	99
26) 2,2-Dichloropropane	4.471	77	104953	41.852	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	83423	46.277	ug/l	97
28) Bromochloromethane	4.891	49	51918	38.390	ug/l	87
29) Tetrahydrofuran	4.989	42	108346	236.494	ug/l	96
30) Chloroform	5.080	83	138417	44.812	ug/l	99
31) Cyclohexane	5.464	56	107414	44.744	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	125303	49.372	ug/l	98
36) 1,1-Dichloropropene	5.684	75	90296	42.934	ug/l	98
37) Ethyl Acetate	4.696	43	72432	43.094	ug/l	97
38) Carbon Tetrachloride	5.672	117	112692	46.682	ug/l	98
39) Methylcyclohexane	7.366	83	108306	45.673	ug/l	92
40) Benzene	6.025	78	280217	44.870	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048225.D
 Acq On : 17 Oct 2025 19:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2025
 Supervised By : Mahesh Dadoda 10/20/2025

Quant Time: Oct 18 00:24:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 18 00:06:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	41293	45.873	ug/l	98
42) 1,2-Dichloroethane	6.074	62	102596	45.854	ug/l	98
43) Isopropyl Acetate	6.324	43	128582	45.573	ug/l	96
44) Trichloroethene	7.110	130	72516	46.074	ug/l	100
45) 1,2-Dichloropropane	7.415	63	68108	43.092	ug/l	97
46) Dibromomethane	7.568	93	50752	44.629	ug/l	94
47) Bromodichloromethane	7.805	83	110334	44.891	ug/l	99
48) Methyl methacrylate	7.677	41	64344	44.550	ug/l	97
49) 1,4-Dioxane	7.641	88	17608	1354.340	ug/l	91
51) 4-Methyl-2-Pentanone	8.555	43	359203	228.787	ug/l	95
52) Toluene	8.701	92	178535	47.565	ug/l	97
53) t-1,3-Dichloropropene	8.964	75	108303	47.036	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	115812	46.145	ug/l	92
55) 1,1,2-Trichloroethane	9.134	97	64464	46.029	ug/l	100
56) Ethyl methacrylate	9.104	69	95840	50.314	ug/l	95
57) 1,3-Dichloropropane	9.293	76	111836	45.706	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	269541	230.845	ug/l	96
59) 2-Hexanone	9.415	43	245218	223.292	ug/l	96
60) Dibromochloromethane	9.506	129	86187	49.166	ug/l	100
61) 1,2-Dibromoethane	9.592	107	68556	47.739	ug/l	97
64) Tetrachloroethene	9.256	164	63489	45.253	ug/l	97
65) Chlorobenzene	10.061	112	194934	44.556	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.146	131	71808	45.547	ug/l	98
67) Ethyl Benzene	10.177	91	333613	44.479	ug/l	99
68) m/p-Xylenes	10.287	106	252110	90.224	ug/l	100
69) o-Xylene	10.628	106	121363	46.139	ug/l	100
70) Styrene	10.640	104	214601	47.397	ug/l	100
71) Bromoform	10.780	173	55280	47.749	ug/l #	98
73) Isopropylbenzene	10.945	105	317046	44.411	ug/l	99
74) N-amyl acetate	10.823	43	113366	42.567	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.195	83	85247	42.151	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	76811m	49.007	ug/l	
77) Bromobenzene	11.183	156	79969	44.763	ug/l	94
78) n-propylbenzene	11.286	91	366950	42.387	ug/l	97
79) 2-Chlorotoluene	11.347	91	222049	42.453	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	263904	45.035	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	26458	41.335	ug/l	97
82) 4-Chlorotoluene	11.439	91	264717	43.067	ug/l	99
83) tert-Butylbenzene	11.695	119	265881	44.911	ug/l	97
84) 1,2,4-Trimethylbenzene	11.731	105	265526	45.505	ug/l	100
85) sec-Butylbenzene	11.872	105	316716	43.760	ug/l	99
86) p-Isopropyltoluene	11.987	119	271545	44.511	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	145414	43.525	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	143893	41.549	ug/l	97
89) n-Butylbenzene	12.311	91	241534	42.507	ug/l	99
90) Hexachloroethane	12.518	117	52410	40.703	ug/l	96
91) 1,2-Dichlorobenzene	12.317	146	137009	43.405	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	16811	45.490	ug/l	97
93) 1,2,4-Trichlorobenzene	13.566	180	86386	46.359	ug/l	99
94) Hexachlorobutadiene	13.707	225	33418	46.500	ug/l	96
95) Naphthalene	13.755	128	243331	49.538	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	81750	47.549	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048225.D
Acq On : 17 Oct 2025 19:39
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

Quant Time: Oct 18 00:24:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration

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

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

