

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
 Data File : VX048684.D
 Acq On : 25 Nov 2025 14:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/26/2025
 Supervised By : Mahesh Dadoda 11/26/2025

Quant Time: Nov 26 01:02:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	144310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	235898	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	220633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	116525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	102886	51.166	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.340%			
35) Dibromofluoromethane	5.379	113	86781	48.605	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.220%			
50) Toluene-d8	8.635	98	292517	52.531	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.060%			
62) 4-Bromofluorobenzene	11.061	95	111929	53.937	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	59625	50.990	ug/l	100
3) Chloromethane	1.301	50	63727	41.089	ug/l	97
4) Vinyl Chloride	1.380	62	76135	43.356	ug/l	97
5) Bromomethane	1.612	94	46582	42.010	ug/l	96
6) Chloroethane	1.697	64	49456	43.005	ug/l	97
7) Trichlorofluoromethane	1.892	101	131103	47.192	ug/l	99
8) Diethyl Ether	2.136	74	50651	45.421	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.337	101	79993	49.737	ug/l	96
10) Methyl Iodide	2.453	142	98613	41.431	ug/l	96
11) Tert butyl alcohol	2.941	59	100341	263.340	ug/l	99
12) 1,1-Dichloroethene	2.325	96	75675	45.047	ug/l	95
13) Acrolein	2.239	56	10339	187.538	ug/l	89
14) Allyl chloride	2.666	41	152170	48.651	ug/l	94
15) Acrylonitrile	3.056	53	293321	263.702	ug/l	99
16) Acetone	2.374	43	232761	244.538	ug/l	97
17) Carbon Disulfide	2.514	76	171892	36.362	ug/l	100
18) Methyl Acetate	2.697	43	139209	53.219	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	310869	52.403	ug/l	99
20) Methylene Chloride	2.788	84	91620	46.819	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	80823	45.393	ug/l	95
22) Diisopropyl ether	3.751	45	278117	46.307	ug/l	98
23) Vinyl Acetate	3.715	43	1204942	229.075	ug/l	97
24) 1,1-Dichloroethane	3.605	63	147672	44.811	ug/l	99
25) 2-Butanone	4.538	43	391405	277.969	ug/l	98
26) 2,2-Dichloropropane	4.465	77	153497	54.636	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	113131	51.982	ug/l	97
28) Bromochloromethane	4.891	49	75483	46.626	ug/l	100
29) Tetrahydrofuran	4.983	42	266232	265.099	ug/l	100
30) Chloroform	5.080	83	188577	55.429	ug/l	100
31) Cyclohexane	5.458	56	128458	47.574	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	164143	55.284	ug/l	100
36) 1,1-Dichloropropene	5.678	75	117604	49.191	ug/l	99
37) Ethyl Acetate	4.696	43	175670	52.200	ug/l	99
38) Carbon Tetrachloride	5.666	117	140145	51.495	ug/l	94
39) Methylcyclohexane	7.367	83	137634	51.272	ug/l	99
40) Benzene	6.025	78	368960	49.786	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
 Data File : VX048684.D
 Acq On : 25 Nov 2025 14:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 26 01:02:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/26/2025
 Supervised By : Mahesh Dadoda 11/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	79662	53.826	ug/l	98
42) 1,2-Dichloroethane	6.074	62	137379	54.104	ug/l	98
43) Isopropyl Acetate	6.324	43	250577	52.969	ug/l	99
44) Trichloroethene	7.117	130	97464	55.021	ug/l	98
45) 1,2-Dichloropropane	7.415	63	96915	56.876	ug/l	99
46) Dibromomethane	7.568	93	72721	58.513	ug/l	98
47) Bromodichloromethane	7.806	83	153072	61.738	ug/l	100
48) Methyl methacrylate	7.678	41	124450	59.179	ug/l	97
49) 1,4-Dioxane	7.647	88	36378	1135.270	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	837788	311.119	ug/l	100
52) Toluene	8.702	92	239331	61.340	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	155309	60.792	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	164348	62.127	ug/l	98
55) 1,1,2-Trichloroethane	9.135	97	101835	65.327	ug/l	98
56) Ethyl methacrylate	9.104	69	164178	63.303	ug/l	98
57) 1,3-Dichloropropane	9.293	76	167084	61.579	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	439256	315.026	ug/l	99
59) 2-Hexanone	9.415	43	619706	309.377	ug/l	99
60) Dibromochloromethane	9.506	129	123241	64.392	ug/l	98
61) 1,2-Dibromoethane	9.592	107	104960	62.166	ug/l	99
64) Tetrachloroethene	9.263	164	80921	50.496	ug/l	97
65) Chlorobenzene	10.061	112	274090	52.339	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	99511	56.712	ug/l	99
67) Ethyl Benzene	10.177	91	461128	52.438	ug/l	98
68) m/p-Xylenes	10.287	106	357172	107.844	ug/l	98
69) o-Xylene	10.622	106	175399	54.129	ug/l	99
70) Styrene	10.640	104	297405	54.713	ug/l	99
71) Bromoform	10.781	173	88905	54.920	ug/l #	99
73) Isopropylbenzene	10.945	105	444135	52.510	ug/l	99
74) N-amyl acetate	10.823	43	211416	49.781	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	155271	52.056	ug/l	99
76) 1,2,3-Trichloropropane	11.226	75	120987m	43.098	ug/l	
77) Bromobenzene	11.183	156	114848	52.584	ug/l	100
78) n-propylbenzene	11.287	91	524794	52.767	ug/l	100
79) 2-Chlorotoluene	11.348	91	310116	51.603	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	364744	52.898	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	51523	52.497	ug/l #	86
82) 4-Chlorotoluene	11.433	91	367845	52.181	ug/l	100
83) tert-Butylbenzene	11.695	119	384819	53.958	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	373397	53.671	ug/l	99
85) sec-Butylbenzene	11.872	105	464683	52.718	ug/l	100
86) p-Isopropyltoluene	11.994	119	395944	53.430	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	212448	51.899	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	212920	50.357	ug/l	99
89) n-Butylbenzene	12.311	91	365646	52.597	ug/l	100
90) Hexachloroethane	12.518	117	72469	51.327	ug/l	96
91) 1,2-Dichlorobenzene	12.317	146	205571	52.313	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	35511	51.230	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	142133	54.430	ug/l	99
94) Hexachlorobutadiene	13.701	225	57115	52.322	ug/l	99
95) Naphthalene	13.756	128	476527	56.758	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	131487	54.134	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048684.D
Acq On : 25 Nov 2025 14:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025

Quant Time: Nov 26 01:02:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

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

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

