

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
 Data File : VV039265.D
 Acq On : 06 Oct 2025 11:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 07 03:30:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	549792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	857645	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	835774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	504333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	302786	38.052	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery =	76.100%#		
35) Dibromofluoromethane	4.497	113	301779	43.769	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery =	87.540%		
50) Toluene-d8	7.233	98	805345	39.770	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery =	79.540%#		
62) 4-Bromofluorobenzene	10.001	95	408519	49.004	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery =	98.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	323689	37.192	ug/l	99
3) Chloromethane	1.230	50	337465	36.119	ug/l	98
4) Vinyl Chloride	1.294	62	400582	40.049	ug/l	98
5) Bromomethane	1.494	94	249377	39.549	ug/l	97
6) Chloroethane	1.558	64	264887	44.605	ug/l	96
7) Trichlorofluoromethane	1.722	101	619926	42.808	ug/l	100
8) Diethyl Ether	1.918	74	255778	47.577	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.079	101	385389	44.726	ug/l	95
10) Methyl Iodide	2.195	142	400060	48.755	ug/l	99
11) Tert butyl alcohol	2.568	59	436543	259.575	ug/l	98
12) 1,1-Dichloroethene	2.079	96	360329	43.469	ug/l	92
13) Acrolein	2.008	56	30629	104.958	ug/l	100
14) Allyl chloride	2.355	41	622805	42.061	ug/l	95
15) Acrylonitrile	2.670	53	1257503	233.253	ug/l	99
16) Acetone	2.117	43	1171921	237.359	ug/l	97
17) Carbon Disulfide	2.249	76	933272	36.813	ug/l	99
18) Methyl Acetate	2.378	43	659318	55.923	ug/l	96
19) Methyl tert-butyl Ether	2.709	73	1339522	50.711	ug/l	99
20) Methylene Chloride	2.455	84	430339	50.055	ug/l	93
21) trans-1,2-Dichloroethene	2.699	96	380379	43.104	ug/l	95
22) Diisopropyl ether	3.214	45	1298338	45.828	ug/l	98
23) Vinyl Acetate	3.185	43	5610837	226.398	ug/l	96
24) 1,1-Dichloroethane	3.114	63	746285	43.076	ug/l	99
25) 2-Butanone	3.863	43	1553352	243.785	ug/l	95
26) 2,2-Dichloropropane	3.809	77	627429	40.844	ug/l	98
27) cis-1,2-Dichloroethene	3.815	96	468541	48.141	ug/l	95
28) Bromochloromethane	4.143	49	351114	45.907	ug/l	88
29) Tetrahydrofuran	4.233	42	973295	244.039	ug/l	94
30) Chloroform	4.275	83	789323	43.631	ug/l	98
31) Cyclohexane	4.580	56	550038	38.756	ug/l	97
32) 1,1,1-Trichloroethane	4.510	97	660090	42.146	ug/l	97
36) 1,1-Dichloropropene	4.741	75	478564	45.909	ug/l	98
37) Ethyl Acetate	3.973	43	581548	45.976	ug/l	96
38) Carbon Tetrachloride	4.731	117	565995	44.427	ug/l	99
39) Methylcyclohexane	6.043	83	564616	44.851	ug/l	99
40) Benzene	5.005	78	1582483	46.619	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW100625\
 Data File : VW039265.D
 Acq On : 06 Oct 2025 11:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 07 03:30:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	280245	49.040	ug/l	97
42) 1,2-Dichloroethane	5.037	62	546666	45.962	ug/l	98
43) Isopropyl Acetate	5.191	43	902941	52.355	ug/l	97
44) Trichloroethene	5.828	130	390848	49.898	ug/l	99
45) 1,2-Dichloropropane	6.088	63	408500	48.416	ug/l	96
46) Dibromomethane	6.220	93	314950	48.771	ug/l	95
47) Bromodichloromethane	6.423	83	636905	47.707	ug/l	99
48) Methyl methacrylate	6.294	41	421117	53.865	ug/l	96
49) 1,4-Dioxane	6.288	88	136049	1078.345	ug/l	99
51) 4-Methyl-2-Pentanone	7.146	43	3057521	269.475	ug/l	96
52) Toluene	7.307	92	1004223	51.024	ug/l	98
53) t-1,3-Dichloropropene	7.571	75	629695	54.123	ug/l	99
54) cis-1,3-Dichloropropene	6.944	75	674364	52.504	ug/l	98
55) 1,1,2-Trichloroethane	7.757	97	435801	49.383	ug/l	97
56) Ethyl methacrylate	7.712	69	638805	60.954	ug/l	94
57) 1,3-Dichloropropane	7.931	76	706676	50.741	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.809	63	1279697	217.553	ug/l	96
59) 2-Hexanone	8.063	43	2293667	250.435	ug/l	96
60) Dibromochloromethane	8.165	129	516377	51.353	ug/l	98
61) 1,2-Dibromoethane	8.272	107	471143	52.204	ug/l	100
64) Tetrachloroethene	7.895	164	328056	46.863	ug/l	98
65) Chlorobenzene	8.802	112	1143852	49.135	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.895	131	421369	50.093	ug/l	99
67) Ethyl Benzene	8.934	91	1862581	52.855	ug/l	99
68) m/p-Xylenes	9.063	106	1495995	109.991	ug/l	99
69) o-Xylene	9.468	106	690515	57.338	ug/l	98
70) Styrene	9.484	104	1256996	49.291	ug/l	99
71) Bromoform	9.654	173	361910	55.081	ug/l #	98
73) Isopropylbenzene	9.853	105	1863985	50.957	ug/l	100
74) N-amyl acetate	9.722	43	796598	54.596	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.165	83	713835	44.538	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	545118	47.472	ug/l	99
77) Bromobenzene	10.140	156	473039	49.844	ug/l	97
78) n-propylbenzene	10.275	91	2204597	49.491	ug/l	98
79) 2-Chlorotoluene	10.345	91	1338447	50.215	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	1575301	51.812	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	237340	49.620	ug/l	96
82) 4-Chlorotoluene	10.461	91	1595846	51.633	ug/l	99
83) tert-Butylbenzene	10.789	119	1547264	51.035	ug/l	98
84) 1,2,4-Trimethylbenzene	10.837	105	1577047	53.427	ug/l	100
85) sec-Butylbenzene	11.011	105	1936690	48.161	ug/l	99
86) p-Isopropyltoluene	11.165	119	1658509	49.553	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	936013	48.732	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	968179	45.946	ug/l	99
89) n-Butylbenzene	11.580	91	1549035	48.461	ug/l	99
90) Hexachloroethane	11.818	117	325719	39.520	ug/l	96
91) 1,2-Dichlorobenzene	11.567	146	888560	49.516	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.349	75	156615	54.101	ug/l	96
93) 1,2,4-Trichlorobenzene	13.185	180	546603	53.137	ug/l	99
94) Hexachlorobutadiene	13.368	225	208537	39.015	ug/l	100
95) Naphthalene	13.422	128	1981547	59.599	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	566894	53.883	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039265.D
Acq On : 06 Oct 2025 11:46
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Quant Time: Oct 07 03:30:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

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

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

