

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
 Data File : VW032639.D
 Acq On : 11 Dec 2025 17:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 12 00:47:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:56:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	305571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	584312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	540719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	262704	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	257417	53.332	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 106.660%	
35) Dibromofluoromethane	7.898	113	205653	49.424	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 98.840%	
50) Toluene-d8	10.325	98	763868	50.939	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 101.880%	
62) 4-Bromofluorobenzene	12.617	95	286257	51.994	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 103.980%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	89598	47.219	ug/l	97
3) Chloromethane	2.253	50	149221	44.579	ug/l	100
4) Vinyl Chloride	2.405	62	189616	47.473	ug/l	96
5) Bromomethane	2.820	94	130190	48.939	ug/l	97
6) Chloroethane	2.972	64	126835	49.214	ug/l	93
7) Trichlorofluoromethane	3.308	101	163218	46.676	ug/l	95
8) Diethyl Ether	3.722	74	119651	51.101	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	170167	48.596	ug/l	98
10) Methyl Iodide	4.307	142	240342	49.290	ug/l	99
11) Tert butyl alcohol	5.210	59	82321	259.414	ug/l	100
12) 1,1-Dichloroethene	4.076	96	184784	49.814	ug/l	96
13) Acrolein	3.929	56	140681	263.361	ug/l	98
14) Allyl chloride	4.704	41	339345	49.210	ug/l	99
15) Acrylonitrile	5.405	53	367817	281.105	ug/l	100
16) Acetone	4.161	43	354841	221.659	ug/l	100
17) Carbon Disulfide	4.417	76	501495	46.517	ug/l	98
18) Methyl Acetate	4.710	43	178868	57.276	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	391023	53.093	ug/l	96
20) Methylene Chloride	4.954	84	227772	46.605	ug/l	97
21) trans-1,2-Dichloroethene	5.466	96	204841	50.561	ug/l	95
22) Diisopropyl ether	6.338	45	743040	53.215	ug/l	98
23) Vinyl Acetate	6.283	43	2561519	271.312	ug/l	100
24) 1,1-Dichloroethane	6.240	63	410057	51.351	ug/l	99
25) 2-Butanone	7.191	43	496775	264.099	ug/l	99
26) 2,2-Dichloropropane	7.185	77	207706	46.325	ug/l	97
27) cis-1,2-Dichloroethene	7.197	96	252095	53.293	ug/l	98
28) Bromochloromethane	7.532	49	175203	55.229	ug/l	99
29) Tetrahydrofuran	7.551	42	327800	290.276	ug/l	99
30) Chloroform	7.691	83	413987	52.558	ug/l	99
31) Cyclohexane	7.971	56	348351	47.329	ug/l	98
32) 1,1,1-Trichloroethane	7.892	97	285881	49.358	ug/l	99
36) 1,1-Dichloropropene	8.093	75	283050	47.052	ug/l	100
37) Ethyl Acetate	7.270	43	214101	51.958	ug/l	99
38) Carbon Tetrachloride	8.081	117	265307	47.680	ug/l	98
39) Methylcyclohexane	9.343	83	347791	45.971	ug/l	98
40) Benzene	8.337	78	888459	48.683	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
 Data File : VW032639.D
 Acq On : 11 Dec 2025 17:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 12 00:47:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:56:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	121521	55.175	ug/l	96
42) 1,2-Dichloroethane	8.410	62	289563	49.833	ug/l	100
43) Isopropyl Acetate	8.435	43	374717	51.277	ug/l	99
44) Trichloroethene	9.099	130	195978	47.030	ug/l	87
45) 1,2-Dichloropropane	9.374	63	230874	49.996	ug/l	96
46) Dibromomethane	9.465	93	139902	51.709	ug/l	99
47) Bromodichloromethane	9.648	83	319109	50.704	ug/l	97
48) Methyl methacrylate	9.441	41	176024	51.033	ug/l	100
49) 1,4-Dioxane	9.459	88	36999	1019.367	ug/l #	96
51) 4-Methyl-2-Pentanone	10.209	43	1102152	270.512	ug/l	100
52) Toluene	10.392	92	539243	48.025	ug/l	96
53) t-1,3-Dichloropropene	10.605	75	305246	49.190	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	355944	49.743	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	187984	51.784	ug/l	97
56) Ethyl methacrylate	10.648	69	275384	52.546	ug/l	99
57) 1,3-Dichloropropane	10.934	76	336120	51.550	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	773461	390.679	ug/l	99
59) 2-Hexanone	10.971	43	783310	265.451	ug/l	99
60) Dibromochloromethane	11.129	129	205327	50.780	ug/l	94
61) 1,2-Dibromoethane	11.239	107	179345	51.091	ug/l	96
64) Tetrachloroethene	10.861	164	167516	48.319	ug/l	98
65) Chlorobenzene	11.654	112	601105	48.684	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.727	131	194440	50.429	ug/l	95
67) Ethyl Benzene	11.727	91	1033091	48.415	ug/l	97
68) m/p-Xylenes	11.837	106	794062	96.965	ug/l	99
69) o-Xylene	12.166	106	376640	49.868	ug/l	98
70) Styrene	12.178	104	675224	51.281	ug/l	99
71) Bromoform	12.349	173	117605	52.530	ug/l #	28
73) Isopropylbenzene	12.458	105	949009	47.495	ug/l	99
74) N-amyl acetate	12.269	43	341356	49.862	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	243439	50.606	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	176085m	49.951	ug/l	
77) Bromobenzene	12.745	156	220149	48.014	ug/l	97
78) n-propylbenzene	12.800	91	1205718	47.240	ug/l	99
79) 2-Chlorotoluene	12.891	91	714512	47.692	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	796325	47.448	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	77449	55.414	ug/l	97
82) 4-Chlorotoluene	12.983	91	754443	47.415	ug/l	99
83) tert-Butylbenzene	13.202	119	673996	47.142	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	803683	47.482	ug/l	99
85) sec-Butylbenzene	13.379	105	994520	45.432	ug/l	99
86) p-Isopropyltoluene	13.495	119	826036	46.395	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	458384	48.843	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	441335	47.225	ug/l	95
89) n-Butylbenzene	13.818	91	812919	45.445	ug/l	100
90) Hexachloroethane	14.086	117	153349	46.114	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	403587	47.643	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	39240	45.928	ug/l	97
93) 1,2,4-Trichlorobenzene	15.129	180	240407	47.782	ug/l	96
94) Hexachlorobutadiene	15.226	225	91457	38.454	ug/l	89
95) Naphthalene	15.360	128	594590	57.072	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	220112	46.282	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
Data File : VW032639.D
Acq On : 11 Dec 2025 17:32
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: Dec 12 00:47:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 11 01:56:28 2025
Response via : Initial Calibration

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

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

Page: 4