

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070325\
 Data File : VW031765.D
 Acq On : 03 Jul 2025 15:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 07 08:37:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	227619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	396950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	351048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	167857	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	157423	48.192	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	96.380%
35) Dibromofluoromethane	7.904	113	134687	51.997	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	104.000%
50) Toluene-d8	10.325	98	507073	52.604	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	105.200%
62) 4-Bromofluorobenzene	12.617	95	183413	51.705	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	103.400%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.046	85	70575	45.527	ug/l 98
3) Chloromethane	2.253	50	88784	47.506	ug/l 98
4) Vinyl Chloride	2.405	62	119686	48.724	ug/l 94
5) Bromomethane	2.826	94	87234	45.466	ug/l 97
6) Chloroethane	2.972	64	78016	46.756	ug/l 99
7) Trichlorofluoromethane	3.308	101	101223	45.374	ug/l 99
8) Diethyl Ether	3.722	74	77899	45.954	ug/l 98
9) 1,1,2-Trichlorotrifluo...	4.106	101	119342	48.197	ug/l 98
10) Methyl Iodide	4.314	142	178250	46.695	ug/l 100
11) Tert butyl alcohol	5.222	59	49335	243.780	ug/l 98
12) 1,1-Dichloroethene	4.082	96	130047	47.949	ug/l 95
13) Acrolein	3.930	56	68473	188.250	ug/l 93
14) Allyl chloride	4.704	41	203548	48.914	ug/l 98
15) Acrylonitrile	5.405	53	206627	247.871	ug/l 99
16) Acetone	4.161	43	196178	242.975	ug/l 100
17) Carbon Disulfide	4.417	76	341292	47.025	ug/l 99
18) Methyl Acetate	4.704	43	110455	47.867	ug/l 98
19) Methyl tert-butyl Ether	5.460	73	229093	49.765	ug/l 99
20) Methylene Chloride	4.954	84	169648	53.062	ug/l 97
21) trans-1,2-Dichloroethene	5.460	96	137897	47.849	ug/l 98
22) Diisopropyl ether	6.338	45	404438	49.832	ug/l 97
23) Vinyl Acetate	6.283	43	1411949	254.702	ug/l 98
24) 1,1-Dichloroethane	6.240	63	256224	48.695	ug/l 99
25) 2-Butanone	7.191	43	279058	265.667	ug/l 98
26) 2,2-Dichloropropane	7.185	77	149748	48.778	ug/l 100
27) cis-1,2-Dichloroethene	7.191	96	162861	49.162	ug/l 99
28) Bromochloromethane	7.533	49	115603	49.787	ug/l 100
29) Tetrahydrofuran	7.551	42	182767	254.074	ug/l 100
30) Chloroform	7.691	83	274068	49.019	ug/l 99
31) Cyclohexane	7.965	56	216367	46.519	ug/l 97
32) 1,1,1-Trichloroethane	7.886	97	209100	48.529	ug/l 99
36) 1,1-Dichloropropene	8.093	75	192216	51.282	ug/l 100
37) Ethyl Acetate	7.270	43	124820	52.790	ug/l 97
38) Carbon Tetrachloride	8.081	117	187467	49.081	ug/l 97
39) Methylcyclohexane	9.343	83	238833	51.214	ug/l 98
40) Benzene	8.337	78	557783	50.298	ug/l 98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070325\
 Data File : VW031765.D
 Acq On : 03 Jul 2025 15:06
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 07 08:37:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	67804	53.531	ug/l	96
42) 1,2-Dichloroethane	8.410	62	186337	49.729	ug/l	99
43) Isopropyl Acetate	8.435	43	214170	52.546	ug/l	100
44) Trichloroethene	9.099	130	136000	49.135	ug/l	99
45) 1,2-Dichloropropane	9.374	63	134234	50.084	ug/l	99
46) Dibromomethane	9.465	93	87153	50.367	ug/l	99
47) Bromodichloromethane	9.654	83	202976	50.023	ug/l	97
48) Methyl methacrylate	9.441	41	103610	51.699	ug/l	98
49) 1,4-Dioxane	9.459	88	21046	1038.487	ug/l #	100
51) 4-Methyl-2-Pentanone	10.209	43	620694	264.887	ug/l	100
52) Toluene	10.392	92	363291	51.166	ug/l	97
53) t-1,3-Dichloropropene	10.605	75	193766	50.896	ug/l	96
54) cis-1,3-Dichloropropene	10.075	75	220737	51.146	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	113005	49.856	ug/l	94
56) Ethyl methacrylate	10.648	69	166803	54.244	ug/l	99
57) 1,3-Dichloropropane	10.934	76	200996	50.508	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	476917	281.654	ug/l	97
59) 2-Hexanone	10.965	43	437881	275.765	ug/l	100
60) Dibromochloromethane	11.129	129	137011	50.549	ug/l	96
61) 1,2-Dibromoethane	11.239	107	112428	49.548	ug/l	98
64) Tetrachloroethene	10.867	164	112782	49.115	ug/l	98
65) Chlorobenzene	11.660	112	383939	49.570	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.727	131	125908	51.012	ug/l	97
67) Ethyl Benzene	11.733	91	701214	52.210	ug/l	98
68) m/p-Xylenes	11.837	106	528708	102.404	ug/l	99
69) o-Xylene	12.166	106	252358	52.791	ug/l	96
70) Styrene	12.178	104	437301	52.916	ug/l	100
71) Bromoform	12.349	173	75025	50.954	ug/l #	99
73) Isopropylbenzene	12.465	105	651773	51.047	ug/l	99
74) N-amyl acetate	12.269	43	184308	53.556	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	144601	51.012	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	112029m	51.646	ug/l	
77) Bromobenzene	12.745	156	145884	51.228	ug/l	89
78) n-propylbenzene	12.800	91	817283	53.454	ug/l	98
79) 2-Chlorotoluene	12.891	91	482315	52.386	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	542826	51.361	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	50574	54.304	ug/l	98
82) 4-Chlorotoluene	12.989	91	491975	50.896	ug/l	99
83) tert-Butylbenzene	13.202	119	465553	51.424	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	551532	51.504	ug/l	100
85) sec-Butylbenzene	13.379	105	687329	50.582	ug/l	98
86) p-Isopropyltoluene	13.495	119	587739	52.482	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	287548	50.350	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	288451	49.346	ug/l	95
89) n-Butylbenzene	13.818	91	573682	52.724	ug/l	100
90) Hexachloroethane	14.086	117	102259	50.614	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	260855	49.974	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.483	75	28092	50.755	ug/l	96
93) 1,2,4-Trichlorobenzene	15.123	180	166965	51.866	ug/l	98
94) Hexachlorobutadiene	15.226	225	81894	52.684	ug/l	91
95) Naphthalene	15.360	128	417067	52.846	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	149061	50.394	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070325\
Data File : VW031765.D
Acq On : 03 Jul 2025 15:06
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: Jul 07 08:37:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

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

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

