

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070325\
 Data File : VW031763.D
 Acq On : 03 Jul 2025 12:45
 Operator : SY/MD
 Sample : MDL06
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL06

Quant Time: Jul 04 05:03:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 04 05:03:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	227736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	418856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	364293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	171121	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	170304	52.108	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 104.220%	
35) Dibromofluoromethane	7.904	113	135403	49.540	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 99.080%	
50) Toluene-d8	10.324	98	509343	50.076	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 100.160%	
62) 4-Bromofluorobenzene	12.617	95	191441	51.145	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 102.300%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.045	85	3830	2.469	ug/l	93
3) Chloromethane	2.253	50	4969	2.657	ug/l	93
4) Vinyl Chloride	2.399	62	6001	2.442	ug/l	96
5) Bromomethane	2.826	94	5363	2.794	ug/l	97
6) Chloroethane	2.978	64	4116	2.466	ug/l	96
7) Trichlorofluoromethane	3.314	101	5307	2.378	ug/l	99
8) Diethyl Ether	3.722	74	6039	3.561	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.112	101	6479	2.615	ug/l #	87
10) Methyl Iodide	4.307	142	9209	2.411	ug/l	97
11) Tert butyl alcohol	5.228	59	2547m	12.579	ug/l	
12) 1,1-Dichloroethene	4.082	96	7214	2.658	ug/l	92
13) Acrolein	3.923	56	2024m	5.562	ug/l	
14) Allyl chloride	4.710	41	10810	2.596	ug/l	90
15) Acrylonitrile	5.405	53	10507	12.598	ug/l	98
16) Acetone	4.161	43	11730	14.521	ug/l	98
17) Carbon Disulfide	4.423	76	16589	2.285	ug/l #	93
18) Methyl Acetate	4.710	43	7056	3.056	ug/l #	74
19) Methyl tert-butyl Ether	5.466	73	11152	2.421	ug/l	99
20) Methylene Chloride	4.953	84	24036	6.479	ug/l	94
21) trans-1,2-Dichloroethene	5.460	96	7046	2.444	ug/l	87
22) Diisopropyl ether	6.343	45	19370	2.385	ug/l	98
23) Vinyl Acetate	6.289	43	58700	10.583	ug/l	100
24) 1,1-Dichloroethane	6.246	63	13194	2.506	ug/l	95
25) 2-Butanone	7.197	43	12835	12.213	ug/l	100
26) 2,2-Dichloropropane	7.185	77	7433	2.420	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	7904	2.385	ug/l	97
28) Bromochloromethane	7.532	49	5985	2.576	ug/l	95
29) Tetrahydrofuran	7.563	42	8685	12.067	ug/l	95
30) Chloroform	7.691	83	13722	2.453	ug/l	97
31) Cyclohexane	7.965	56	16119	3.464	ug/l #	55
32) 1,1,1-Trichloroethane	7.886	97	10961	2.543	ug/l	99
36) 1,1-Dichloropropene	8.093	75	9641	2.438	ug/l	98
37) Ethyl Acetate	7.276	43	6101	2.445	ug/l	97
38) Carbon Tetrachloride	8.081	117	9447	2.344	ug/l	98
39) Methylcyclohexane	9.343	83	12138	2.467	ug/l	94
40) Benzene	8.343	78	28347	2.422	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070325\
 Data File : VW031763.D
 Acq On : 03 Jul 2025 12:45
 Operator : SY/MD
 Sample : MDL06
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL06

Quant Time: Jul 04 05:03:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 04 05:03:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	3059	2.289	ug/l #	81
42) 1,2-Dichloroethane	8.416	62	9973	2.522	ug/l	99
43) Isopropyl Acetate	8.435	43	10042	2.335	ug/l	98
44) Trichloroethene	9.105	130	6977	2.389	ug/l	96
45) 1,2-Dichloropropane	9.373	63	6760	2.390	ug/l	99
46) Dibromomethane	9.465	93	4303	2.357	ug/l	98
47) Bromodichloromethane	9.654	83	9777	2.284	ug/l #	92
48) Methyl methacrylate	9.447	41	5038m	2.382	ug/l	
49) 1,4-Dioxane	9.465	88	1050m	49.101	ug/l	
51) 4-Methyl-2-Pentanone	10.215	43	27439	11.097	ug/l	98
52) Toluene	10.392	92	18166	2.425	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	8924	2.221	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	9793	2.150	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	5736	2.398	ug/l	89
56) Ethyl methacrylate	10.648	69	7018	2.163	ug/l	95
57) 1,3-Dichloropropane	10.934	76	10071	2.398	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.928	63	18510	10.360	ug/l	99
59) 2-Hexanone	10.971	43	18664	11.139	ug/l	97
60) Dibromochloromethane	11.129	129	6241	2.182	ug/l	96
61) 1,2-Dibromoethane	11.239	107	5672	2.369	ug/l	93
64) Tetrachloroethene	10.867	164	5651	2.371	ug/l #	83
65) Chlorobenzene	11.653	112	20764	2.583	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.733	131	6371	2.487	ug/l	94
67) Ethyl Benzene	11.733	91	32437	2.327	ug/l	97
68) m/p-Xylenes	11.836	106	24705	4.611	ug/l	98
69) o-Xylene	12.160	106	11139	2.245	ug/l	96
70) Styrene	12.178	104	19168	2.235	ug/l	97
71) Bromoform	12.349	173	3537	2.315	ug/l #	95
73) Isopropylbenzene	12.464	105	28700	2.205	ug/l	98
74) N-amyl acetate	12.275	43	7661	2.184	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	7822	2.707	ug/l	93
76) 1,2,3-Trichloropropane	12.769	75	5722m	2.588	ug/l	
77) Bromobenzene	12.745	156	7328	2.524	ug/l	87
78) n-propylbenzene	12.800	91	38339	2.460	ug/l	98
79) 2-Chlorotoluene	12.891	91	23041	2.455	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	25637	2.379	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	1839m	1.937	ug/l	
82) 4-Chlorotoluene	12.989	91	25002	2.537	ug/l	97
83) tert-Butylbenzene	13.202	119	21975	2.381	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	25389	2.326	ug/l	97
85) sec-Butylbenzene	13.379	105	33591	2.425	ug/l	99
86) p-Isopropyltoluene	13.495	119	26490	2.320	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	15557	2.672	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	16025	2.689	ug/l	87
89) n-Butylbenzene	13.818	91	27427	2.473	ug/l	96
90) Hexachloroethane	14.086	117	5278	2.563	ug/l	93
91) 1,2-Dichlorobenzene	13.867	146	13406	2.519	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.482	75	1400	2.481	ug/l	93
93) 1,2,4-Trichlorobenzene	15.128	180	8303	2.530	ug/l	96
94) Hexachlorobutadiene	15.226	225	4802	3.030	ug/l	91
95) Naphthalene	15.360	128	17694	2.199	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	7739	2.566	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070325\
Data File : VW031763.D
Acq On : 03 Jul 2025 12:45
Operator : SY/MD
Sample : MDL06
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MDL06

Quant Time: Jul 04 05:03:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 04 05:03:10 2025
Response via : Initial Calibration

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

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

