

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
 Data File : VW032449.D
 Acq On : 17 Nov 2025 11:51
 Operator : SY/MD
 Sample : VW1117SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1117SBSD01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/18/2025
 Supervised By :Mahesh Dadoda 11/18/2025

Quant Time: Nov 18 03:02:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	379793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	704603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	626044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	308340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	258562	52.806	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 105.620%			
35) Dibromofluoromethane	7.904	113	222232	52.679	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 105.360%			
50) Toluene-d8	10.325	98	856221	52.905	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 105.820%			
62) 4-Bromofluorobenzene	12.617	95	320935	52.494	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 104.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	40072	20.796	ug/l	88
3) Chloromethane	2.253	50	69212	20.955	ug/l	98
4) Vinyl Chloride	2.405	62	86598	20.775	ug/l	100
5) Bromomethane	2.820	94	57749	20.711	ug/l	95
6) Chloroethane	2.966	64	55563	20.374	ug/l	93
7) Trichlorofluoromethane	3.301	101	66771	20.431	ug/l	98
8) Diethyl Ether	3.722	74	53380	19.978	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	76056	21.364	ug/l	97
10) Methyl Iodide	4.307	142	117488	20.490	ug/l	100
11) Tert butyl alcohol	5.210	59	45223	106.810	ug/l	96
12) 1,1-Dichloroethene	4.076	96	85714	20.997	ug/l	98
13) Acrolein	3.929	56	63781	89.785	ug/l	97
14) Allyl chloride	4.704	41	162533	20.704	ug/l	99
15) Acrylonitrile	5.405	53	150320	97.301	ug/l	99
16) Acetone	4.161	43	148136	101.124	ug/l	99
17) Carbon Disulfide	4.417	76	249355	20.667	ug/l	98
18) Methyl Acetate	4.704	43	68625	18.918	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	169098	19.651	ug/l	99
20) Methylene Chloride	4.948	84	120351	22.973	ug/l	94
21) trans-1,2-Dichloroethene	5.454	96	96599	20.695	ug/l	95
22) Diisopropyl ether	6.344	45	330846	20.699	ug/l	98
23) Vinyl Acetate	6.283	43	1097764	100.244	ug/l	98
24) 1,1-Dichloroethane	6.246	63	186426	21.289	ug/l	99
25) 2-Butanone	7.197	43	207857	96.312	ug/l	97
26) 2,2-Dichloropropane	7.185	77	104921	21.498	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	113986	20.437	ug/l	96
28) Bromochloromethane	7.532	49	88388	21.355	ug/l	99
29) Tetrahydrofuran	7.551	42	130459	95.240	ug/l	99
30) Chloroform	7.691	83	188342	21.970	ug/l	100
31) Cyclohexane	7.965	56	164467	20.303	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	131835	21.527	ug/l	98
36) 1,1-Dichloropropene	8.093	75	132434	21.306	ug/l	100
37) Ethyl Acetate	7.276	43	89622	19.390	ug/l	99
38) Carbon Tetrachloride	8.087	117	117467	21.269	ug/l	96
39) Methylcyclohexane	9.343	83	156297	19.410	ug/l	88
40) Benzene	8.337	78	417081	20.837	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
 Data File : VW032449.D
 Acq On : 17 Nov 2025 11:51
 Operator : SY/MD
 Sample : VW1117SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1117SBSD01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/18/2025
 Supervised By :Mahesh Dadoda 11/18/2025

Quant Time: Nov 18 03:02:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	46626	18.364	ug/l	96
42) 1,2-Dichloroethane	8.410	62	122129	20.772	ug/l	99
43) Isopropyl Acetate	8.435	43	153273	18.728	ug/l	99
44) Trichloroethene	9.099	130	97548	20.943	ug/l	96
45) 1,2-Dichloropropane	9.374	63	104661	20.998	ug/l	98
46) Dibromomethane	9.465	93	58857	20.208	ug/l	98
47) Bromodichloromethane	9.648	83	138333	20.821	ug/l	94
48) Methyl methacrylate	9.441	41	68209	17.539	ug/l	92
49) 1,4-Dioxane	9.465	88	15155	371.427	ug/l #	90
51) 4-Methyl-2-Pentanone	10.209	43	443072	97.930	ug/l	99
52) Toluene	10.392	92	257685	20.841	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	133788	19.553	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	161154	20.366	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	82325	20.604	ug/l	98
56) Ethyl methacrylate	10.648	69	111786	18.234	ug/l	98
57) 1,3-Dichloropropane	10.934	76	144720	20.279	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	321827	98.573	ug/l	100
59) 2-Hexanone	10.971	43	312011	94.258	ug/l	99
60) Dibromochloromethane	11.129	129	89414	20.039	ug/l	100
61) 1,2-Dibromoethane	11.239	107	78099	20.069	ug/l	97
64) Tetrachloroethene	10.867	164	75683	20.415	ug/l	96
65) Chlorobenzene	11.660	112	276257	20.473	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	87034	20.842	ug/l	98
67) Ethyl Benzene	11.727	91	477351	20.445	ug/l	96
68) m/p-Xylenes	11.843	106	364524	41.583	ug/l	99
69) o-Xylene	12.160	106	169390	20.181	ug/l	100
70) Styrene	12.178	104	297078	20.575	ug/l	100
71) Bromoform	12.343	173	45844	18.534	ug/l #	99
73) Isopropylbenzene	12.464	105	432966	19.119	ug/l	98
74) N-amyl acetate	12.269	43	141503	17.982	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	103494	19.257	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	76230m	18.030	ug/l	
77) Bromobenzene	12.745	156	101115	18.859	ug/l	93
78) n-propylbenzene	12.800	91	549244	19.916	ug/l	98
79) 2-Chlorotoluene	12.891	91	334964	19.897	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	366070	19.594	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	31997	17.334	ug/l	93
82) 4-Chlorotoluene	12.983	91	346309	19.778	ug/l	98
83) tert-Butylbenzene	13.202	119	303933	18.701	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	375246	19.747	ug/l	98
85) sec-Butylbenzene	13.379	105	468248	19.346	ug/l	98
86) p-Isopropyltoluene	13.495	119	389048	19.468	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	211633	20.819	ug/l	95
88) 1,4-Dichlorobenzene	13.574	146	206450	19.823	ug/l	97
89) n-Butylbenzene	13.818	91	378757	19.399	ug/l	99
90) Hexachloroethane	14.092	117	68484	19.007	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	184535	19.775	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.482	75	16079	17.367	ug/l	97
93) 1,2,4-Trichlorobenzene	15.123	180	108356	18.246	ug/l	96
94) Hexachlorobutadiene	15.226	225	52290	21.197	ug/l	98
95) Naphthalene	15.360	128	249121	16.822	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	102522	19.016	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
Data File : VW032449.D
Acq On : 17 Nov 2025 11:51
Operator : SY/MD
Sample : VW1117SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1117SBSD01

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025

Quant Time: Nov 18 03:02:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

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

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

