

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112125\
 Data File : VW032523.D
 Acq On : 21 Nov 2025 13:42
 Operator : SY/MD
 Sample : VW1121SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/01/2025
 Supervised By : Mahesh Dadoda 12/01/2025

Quant Time: Nov 26 01:20:55 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	333557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	632240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	569441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	271083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	229445	53.355	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 106.720%			
35) Dibromofluoromethane	7.898	113	191336	50.546	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 101.100%			
50) Toluene-d8	10.325	98	739291	50.909	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 101.820%			
62) 4-Bromofluorobenzene	12.617	95	275900	50.293	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 100.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	38522	22.763	ug/l	96
3) Chloromethane	2.253	50	63814	21.999	ug/l	97
4) Vinyl Chloride	2.405	62	77708	21.226	ug/l	98
5) Bromomethane	2.814	94	52100	21.275	ug/l	99
6) Chloroethane	2.972	64	51872	21.657	ug/l	92
7) Trichlorofluoromethane	3.308	101	57999	20.207	ug/l	96
8) Diethyl Ether	3.722	74	48754	20.776	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.106	101	71122	22.747	ug/l	96
10) Methyl Iodide	4.314	142	103426	20.538	ug/l	99
11) Tert butyl alcohol	5.216	59	38774	104.273	ug/l	98
12) 1,1-Dichloroethene	4.076	96	75687	21.111	ug/l	92
13) Acrolein	3.930	56	45432	72.820	ug/l	98
14) Allyl chloride	4.704	41	143682	20.840	ug/l	98
15) Acrylonitrile	5.405	53	141535	104.313	ug/l	100
16) Acetone	4.161	43	135270	105.141	ug/l	96
17) Carbon Disulfide	4.423	76	217813	20.555	ug/l	99
18) Methyl Acetate	4.710	43	67481	21.181	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	151995	20.112	ug/l	96
20) Methylene Chloride	4.954	84	108265	23.531	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	90338	22.036	ug/l	97
22) Diisopropyl ether	6.344	45	307860	21.931	ug/l	99
23) Vinyl Acetate	6.283	43	1010224	105.038	ug/l	97
24) 1,1-Dichloroethane	6.246	63	174983	22.752	ug/l	100
25) 2-Butanone	7.197	43	191751	101.165	ug/l	100
26) 2,2-Dichloropropane	7.185	77	88644	20.681	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	107877	22.023	ug/l	99
28) Bromochloromethane	7.533	49	83912	23.084	ug/l	96
29) Tetrahydrofuran	7.551	42	122173	101.554	ug/l	99
30) Chloroform	7.691	83	177284	23.547	ug/l	99
31) Cyclohexane	7.972	56	152779	21.475	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	120661	22.434	ug/l	99
36) 1,1-Dichloropropene	8.093	75	124671	22.353	ug/l	99
37) Ethyl Acetate	7.277	43	85501	20.616	ug/l	98
38) Carbon Tetrachloride	8.087	117	105436	21.276	ug/l	94
39) Methylcyclohexane	9.343	83	148937	20.613	ug/l	94
40) Benzene	8.337	78	389184	21.668	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112125\
 Data File : VW032523.D
 Acq On : 21 Nov 2025 13:42
 Operator : SY/MD
 Sample : VW1121SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/01/2025
 Supervised By :Mahesh Dadoda 12/01/2025

Quant Time: Nov 26 01:20:55 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	47215	20.724	ug/l	98
42) 1,2-Dichloroethane	8.411	62	115539	21.900	ug/l	99
43) Isopropyl Acetate	8.435	43	147336	20.063	ug/l	99
44) Trichloroethene	9.099	130	87135	20.848	ug/l	89
45) 1,2-Dichloropropane	9.374	63	98318	21.984	ug/l	99
46) Dibromomethane	9.465	93	56325	21.552	ug/l	96
47) Bromodichloromethane	9.648	83	128144	21.495	ug/l	98
48) Methyl methacrylate	9.441	41	67223	19.264	ug/l	97
49) 1,4-Dioxane	9.459	88	15524	424.017	ug/l #	100
51) 4-Methyl-2-Pentanone	10.215	43	424030	104.448	ug/l	99
52) Toluene	10.392	92	241628	21.779	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	123024	20.037	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	150644	21.217	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	76585	21.361	ug/l	97
56) Ethyl methacrylate	10.648	69	108292	19.686	ug/l	98
57) 1,3-Dichloropropane	10.934	76	137855	21.528	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.929	63	309964	105.805	ug/l	99
59) 2-Hexanone	10.971	43	294256	99.068	ug/l	98
60) Dibromochloromethane	11.130	129	83166	20.772	ug/l	100
61) 1,2-Dibromoethane	11.239	107	73433	21.029	ug/l	97
64) Tetrachloroethene	10.861	164	73264	21.726	ug/l	93
65) Chlorobenzene	11.660	112	263981	21.508	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	81779	21.530	ug/l	99
67) Ethyl Benzene	11.727	91	441626	20.795	ug/l	98
68) m/p-Xylenes	11.837	106	348010	43.646	ug/l	99
69) o-Xylene	12.166	106	152723	20.004	ug/l	96
70) Styrene	12.178	104	279063	21.248	ug/l	99
71) Bromoform	12.343	173	42163	18.741	ug/l #	97
73) Isopropylbenzene	12.465	105	390373	19.608	ug/l	99
74) N-amyl acetate	12.270	43	131965	19.075	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	97807	20.700	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	71945m	19.356	ug/l	
77) Bromobenzene	12.745	156	93377	19.809	ug/l	89
78) n-propylbenzene	12.800	91	519798	21.439	ug/l	99
79) 2-Chlorotoluene	12.891	91	307215	20.756	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	346045	21.068	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	30133	18.568	ug/l	90
82) 4-Chlorotoluene	12.983	91	338146	21.966	ug/l	99
83) tert-Butylbenzene	13.202	119	292260	20.455	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	354909	21.244	ug/l	99
85) sec-Butylbenzene	13.379	105	453396	21.307	ug/l	99
86) p-Isopropyltoluene	13.489	119	348570	19.839	ug/l	96
87) 1,3-Dichlorobenzene	13.495	146	192594	21.550	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	196473	21.458	ug/l	97
89) n-Butylbenzene	13.818	91	361554	21.063	ug/l	98
90) Hexachloroethane	14.086	117	67225	21.221	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	184659	22.508	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	15585	19.147	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	98541	18.874	ug/l	93
94) Hexachlorobutadiene	15.226	225	45841	21.137	ug/l	97
95) Naphthalene	15.360	128	236261	18.147	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	96787	20.419	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112125\
Data File : VW032523.D
Acq On : 21 Nov 2025 13:42
Operator : SY/MD
Sample : VW1121SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025

Quant Time: Nov 26 01:20:55 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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112125\
Data File : VW032523.D
Acq On : 21 Nov 2025 13:42
Operator : SY/MD
Sample : VW1121SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Manual Integrations
APPROVED

Reviewed By : John Carlone 12/01/2025
Supervised By : Mahesh Dadoda 12/01/2025

Quant Time: Nov 26 01:20:55 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

