

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
 Data File : VW032490.D
 Acq On : 19 Nov 2025 10:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/20/2025
 Supervised By :Mahesh Dadoda 11/20/2025

Quant Time: Nov 20 01:11:39 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	346973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	636403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	579827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	269243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	242926	54.306	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 108.620%			
35) Dibromofluoromethane	7.898	113	199770	52.429	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 104.860%			
50) Toluene-d8	10.325	98	776593	53.127	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 106.260%			
62) 4-Bromofluorobenzene	12.617	95	292101	52.898	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 105.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	95376	54.179	ug/l	96
3) Chloromethane	2.253	50	158236	52.440	ug/l	97
4) Vinyl Chloride	2.405	62	206091	54.118	ug/l	97
5) Bromomethane	2.820	94	136345	53.524	ug/l	93
6) Chloroethane	2.966	64	132436	53.155	ug/l	98
7) Trichlorofluoromethane	3.302	101	145405	48.700	ug/l	92
8) Diethyl Ether	3.722	74	130752	53.563	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	178427	54.860	ug/l	97
10) Methyl Iodide	4.308	142	268160	51.191	ug/l	98
11) Tert butyl alcohol	5.210	59	88567	228.969	ug/l	98
12) 1,1-Dichloroethene	4.076	96	203728	54.627	ug/l	96
13) Acrolein	3.930	56	108184	166.697	ug/l	99
14) Allyl chloride	4.704	41	382936	53.394	ug/l	98
15) Acrylonitrile	5.393	53	386933	274.149	ug/l	99
16) Acetone	4.155	43	375826	280.822	ug/l	97
17) Carbon Disulfide	4.417	76	592369	53.740	ug/l	99
18) Methyl Acetate	4.710	43	188677	56.932	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	413278	52.570	ug/l	98
20) Methylene Chloride	4.948	84	256114	53.512	ug/l	99
21) trans-1,2-Dichloroethene	5.454	96	235150	55.142	ug/l	97
22) Diisopropyl ether	6.338	45	804551	55.097	ug/l	95
23) Vinyl Acetate	6.277	43	2725852	272.461	ug/l	98
24) 1,1-Dichloroethane	6.240	63	447734	55.964	ug/l	99
25) 2-Butanone	7.185	43	526364	266.965	ug/l	100
26) 2,2-Dichloropropane	7.185	77	228920	51.342	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	277691	54.498	ug/l	99
28) Bromochloromethane	7.527	49	208547	55.153	ug/l	97
29) Tetrahydrofuran	7.545	42	344899	275.605	ug/l	99
30) Chloroform	7.691	83	447741	57.169	ug/l	100
31) Cyclohexane	7.965	56	373822	50.513	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	297998	53.262	ug/l	97
36) 1,1-Dichloropropene	8.094	75	309469	55.124	ug/l	99
37) Ethyl Acetate	7.270	43	231826	55.532	ug/l	99
38) Carbon Tetrachloride	8.081	117	272752	54.678	ug/l	95
39) Methylcyclohexane	9.343	83	381563	52.464	ug/l	91
40) Benzene	8.337	78	983355	54.391	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
 Data File : VW032490.D
 Acq On : 19 Nov 2025 10:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 20 01:11:39 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

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/20/2025
 Supervised By :Mahesh Dadoda 11/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	130492	56.903	ug/l	96
42) 1,2-Dichloroethane	8.411	62	300189	56.528	ug/l	99
43) Isopropyl Acetate	8.435	43	395000	53.436	ug/l	99
44) Trichloroethene	9.099	130	218354	51.903	ug/l	98
45) 1,2-Dichloropropane	9.374	63	253790	56.375	ug/l	100
46) Dibromomethane	9.465	93	147513	56.074	ug/l	98
47) Bromodichloromethane	9.648	83	339805	56.626	ug/l	96
48) Methyl methacrylate	9.441	41	181969	51.805	ug/l	93
49) 1,4-Dioxane	9.459	88	41605	1128.950	ug/l #	96
51) 4-Methyl-2-Pentanone	10.209	43	1146909	280.662	ug/l	100
52) Toluene	10.386	92	617759	55.318	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	332651	53.826	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	384628	53.817	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	200347	55.515	ug/l	97
56) Ethyl methacrylate	10.648	69	293517	53.007	ug/l	97
57) 1,3-Dichloropropane	10.934	76	358185	55.570	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.929	63	863212	292.727	ug/l	100
59) 2-Hexanone	10.965	43	818361	273.719	ug/l	98
60) Dibromochloromethane	11.130	129	220231	54.646	ug/l	100
61) 1,2-Dibromoethane	11.233	107	188620	53.662	ug/l	100
64) Tetrachloroethene	10.861	164	188152	54.797	ug/l	88
65) Chlorobenzene	11.654	112	664366	53.161	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	211366	54.649	ug/l	99
67) Ethyl Benzene	11.727	91	1138253	52.638	ug/l	96
68) m/p-Xylenes	11.837	106	897191	110.506	ug/l	97
69) o-Xylene	12.160	106	421359	54.202	ug/l	98
70) Styrene	12.178	104	731948	54.734	ug/l	100
71) Bromoform	12.349	173	122654	53.540	ug/l	95
73) Isopropylbenzene	12.459	105	1060845	53.648	ug/l	99
74) N-amyl acetate	12.270	43	361944	52.674	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.709	83	257138	54.793	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	182969m	49.561	ug/l	
77) Bromobenzene	12.745	156	244850	52.298	ug/l	95
78) n-propylbenzene	12.800	91	1327854	55.141	ug/l	99
79) 2-Chlorotoluene	12.885	91	805355	54.784	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	891947	54.675	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	85782	53.221	ug/l	97
82) 4-Chlorotoluene	12.989	91	831063	54.354	ug/l	100
83) tert-Butylbenzene	13.202	119	732857	51.641	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	886061	53.400	ug/l	97
85) sec-Butylbenzene	13.379	105	1124349	53.198	ug/l	100
86) p-Isopropyltoluene	13.495	119	914832	52.425	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	490882	55.301	ug/l	94
88) 1,4-Dichlorobenzene	13.574	146	484114	53.234	ug/l	99
89) n-Butylbenzene	13.818	91	918175	53.857	ug/l	99
90) Hexachloroethane	14.086	117	165435	52.581	ug/l	90
91) 1,2-Dichlorobenzene	13.867	146	447561	54.925	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.477	75	41536	51.378	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	271417	52.341	ug/l	98
94) Hexachlorobutadiene	15.232	225	111309	51.675	ug/l	94
95) Naphthalene	15.360	128	650043	50.270	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	245875	52.227	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
Data File : VW032490.D
Acq On : 19 Nov 2025 10:01
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

Quant Time: Nov 20 01:11:39 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

