

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
 Data File : VW032448.D
 Acq On : 17 Nov 2025 11:29
 Operator : SY/MD
 Sample : VW1117SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1117SBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 18 03:01:57 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	366813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	666197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	611687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	293947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	263566	55.733	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 111.460%			
35) Dibromofluoromethane	7.898	113	222440	55.768	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 111.540%			
50) Toluene-d8	10.325	98	845364	55.246	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 110.500%			
62) 4-Bromofluorobenzene	12.617	95	315020	54.497	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 109.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	39077	20.997	ug/l	99
3) Chloromethane	2.253	50	71413	22.387	ug/l	98
4) Vinyl Chloride	2.405	62	94182	23.394	ug/l	100
5) Bromomethane	2.814	94	58307	21.651	ug/l	94
6) Chloroethane	2.966	64	57200	21.716	ug/l	98
7) Trichlorofluoromethane	3.302	101	59973	19.000	ug/l	88
8) Diethyl Ether	3.716	74	54664	21.182	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.106	101	78171	22.735	ug/l	97
10) Methyl Iodide	4.301	142	119307	21.543	ug/l	99
11) Tert butyl alcohol	5.216	59	38843	94.988	ug/l	97
12) 1,1-Dichloroethene	4.082	96	88073	22.338	ug/l	95
13) Acrolein	3.923	56	66081	96.314	ug/l	99
14) Allyl chloride	4.704	41	162027	21.370	ug/l	98
15) Acrylonitrile	5.399	53	155835	104.440	ug/l	98
16) Acetone	4.161	43	169158	119.561	ug/l	99
17) Carbon Disulfide	4.417	76	257541	22.101	ug/l	99
18) Methyl Acetate	4.704	43	73162	20.882	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	168559	20.281	ug/l	99
20) Methylene Chloride	4.948	84	106652	21.078	ug/l	99
21) trans-1,2-Dichloroethene	5.454	96	101057	22.416	ug/l	96
22) Diisopropyl ether	6.338	45	340409	22.051	ug/l	98
23) Vinyl Acetate	6.277	43	1128299	106.679	ug/l	97
24) 1,1-Dichloroethane	6.246	63	189525	22.408	ug/l	99
25) 2-Butanone	7.191	43	227610	109.197	ug/l	99
26) 2,2-Dichloropropane	7.185	77	98861	20.973	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	113884	21.141	ug/l	96
28) Bromochloromethane	7.527	49	90473	22.633	ug/l	95
29) Tetrahydrofuran	7.551	42	137054	103.595	ug/l	99
30) Chloroform	7.691	83	188628	22.782	ug/l	97
31) Cyclohexane	7.965	56	166829	21.324	ug/l #	97
32) 1,1,1-Trichloroethane	7.886	97	132943	22.476	ug/l	97
36) 1,1-Dichloropropene	8.093	75	134608	22.904	ug/l	99
37) Ethyl Acetate	7.270	43	92758	21.226	ug/l	98
38) Carbon Tetrachloride	8.081	117	121135	23.198	ug/l	96
39) Methylcyclohexane	9.343	83	157843	20.732	ug/l	95
40) Benzene	8.331	78	424324	22.420	ug/l	97

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41) Methacrylonitrile	7.496	41	51511	21.457	ug/l	96
42) 1,2-Dichloroethane	8.410	62	126159	22.694	ug/l	99
43) Isopropyl Acetate	8.435	43	160498	20.741	ug/l	98
44) Trichloroethene	9.099	130	95918	21.780	ug/l	100
45) 1,2-Dichloropropane	9.374	63	108060	22.930	ug/l	98
46) Dibromomethane	9.459	93	62049	22.532	ug/l	99
47) Bromodichloromethane	9.648	83	139544	22.214	ug/l	95
48) Methyl methacrylate	9.441	41	72357	19.678	ug/l	94
49) 1,4-Dioxane	9.459	88	17106	443.412	ug/l #	99
51) 4-Methyl-2-Pentanone	10.209	43	470439	109.973	ug/l	99
52) Toluene	10.392	92	260555	22.288	ug/l	100
53) t-1,3-Dichloropropene	10.605	75	138660	21.433	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	162419	21.709	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	83903	22.209	ug/l	97
56) Ethyl methacrylate	10.642	69	118196	20.391	ug/l	99
57) 1,3-Dichloropropane	10.934	76	151106	22.395	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	334485	108.356	ug/l	100
59) 2-Hexanone	10.965	43	338130	108.037	ug/l	99
60) Dibromochloromethane	11.130	129	92531	21.933	ug/l	99
61) 1,2-Dibromoethane	11.239	107	81437	22.133	ug/l	99
64) Tetrachloroethene	10.861	164	81363	22.462	ug/l	85
65) Chlorobenzene	11.654	112	285562	21.660	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.727	131	87263	21.387	ug/l	99
67) Ethyl Benzene	11.727	91	478157	20.961	ug/l	100
68) m/p-Xylenes	11.837	106	375714	43.866	ug/l	98
69) o-Xylene	12.160	106	166293	20.277	ug/l	96
70) Styrene	12.178	104	297489	21.087	ug/l	97
71) Bromoform	12.349	173	48324	19.996	ug/l #	99
73) Isopropylbenzene	12.465	105	434913	20.146	ug/l	99
74) N-amyl acetate	12.270	43	146204	19.489	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	107263	20.936	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	76334m	18.939	ug/l	
77) Bromobenzene	12.745	156	103556	20.260	ug/l	93
78) n-propylbenzene	12.800	91	550164	20.926	ug/l	98
79) 2-Chlorotoluene	12.891	91	325937	20.308	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	367583	20.639	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	33873	19.249	ug/l	92
82) 4-Chlorotoluene	12.983	91	357062	21.390	ug/l	98
83) tert-Butylbenzene	13.202	119	310857	20.064	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	381209	21.044	ug/l	100
85) sec-Butylbenzene	13.379	105	477805	20.707	ug/l	98
86) p-Isopropyltoluene	13.495	119	384704	20.193	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	208633	21.528	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	216605	21.817	ug/l	98
89) n-Butylbenzene	13.818	91	373902	20.088	ug/l	98
90) Hexachloroethane	14.086	117	71968	20.951	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	192692	21.660	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	17252	19.546	ug/l	96
93) 1,2,4-Trichlorobenzene	15.123	180	104063	18.381	ug/l	93
94) Hexachlorobutadiene	15.226	225	52396	22.280	ug/l	97
95) Naphthalene	15.360	128	251128	17.788	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	98004	19.068	ug/l	97

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

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