

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
 Data File : VW032492.D
 Acq On : 19 Nov 2025 11:11
 Operator : SY/MD
 Sample : VW1119SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1119SBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 20 01:15:28 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	361405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	660085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	590674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	285477	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.313	65	243218	52.200	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 104.400%	
35) Dibromofluoromethane	7.898	113	204531	51.753	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 103.500%	
50) Toluene-d8	10.325	98	790714	52.153	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 104.300%	
62) 4-Bromofluorobenzene	12.617	95	290609	50.740	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 101.480%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	36626	19.975	ug/l	95
3) Chloromethane	2.253	50	68922	21.929	ug/l	94
4) Vinyl Chloride	2.399	62	86866	21.900	ug/l	97
5) Bromomethane	2.820	94	57660	21.731	ug/l	95
6) Chloroethane	2.966	64	53005	20.425	ug/l	97
7) Trichlorofluoromethane	3.302	101	56783	18.259	ug/l	86
8) Diethyl Ether	3.716	74	51404	20.217	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.094	101	73456	21.683	ug/l	98
10) Methyl Iodide	4.301	142	112464	20.612	ug/l	99
11) Tert butyl alcohol	5.210	59	38806	96.318	ug/l	99
12) 1,1-Dichloroethene	4.076	96	81722	21.038	ug/l	95
13) Acrolein	3.924	56	57195	84.610	ug/l	96
14) Allyl chloride	4.704	41	153990	20.614	ug/l	98
15) Acrylonitrile	5.393	53	146028	99.332	ug/l	99
16) Acetone	4.155	43	146713	105.248	ug/l	96
17) Carbon Disulfide	4.417	76	235675	20.527	ug/l	98
18) Methyl Acetate	4.704	43	65632	19.013	ug/l	100
19) Methyl tert-butyl Ether	5.454	73	159847	19.521	ug/l	100
20) Methylene Chloride	4.954	84	112458	22.559	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	93550	21.061	ug/l	99
22) Diisopropyl ether	6.338	45	318965	20.971	ug/l	98
23) Vinyl Acetate	6.277	43	1046362	100.412	ug/l	100
24) 1,1-Dichloroethane	6.240	63	179819	21.579	ug/l	99
25) 2-Butanone	7.191	43	197486	96.163	ug/l	99
26) 2,2-Dichloropropane	7.179	77	95756	20.619	ug/l	98
27) cis-1,2-Dichloroethene	7.185	96	110174	20.759	ug/l	98
28) Bromochloromethane	7.527	49	86496	21.961	ug/l	97
29) Tetrahydrofuran	7.551	42	125719	96.449	ug/l	99
30) Chloroform	7.685	83	178648	21.899	ug/l	98
31) Cyclohexane	7.965	56	155531	20.177	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	123378	21.171	ug/l	97
36) 1,1-Dichloropropene	8.093	75	124481	21.377	ug/l	100
37) Ethyl Acetate	7.270	43	89812	20.742	ug/l	96
38) Carbon Tetrachloride	8.081	117	110629	21.382	ug/l	97
39) Methylcyclohexane	9.343	83	147857	19.601	ug/l	96
40) Benzene	8.331	78	401357	21.403	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	48775	20.506	ug/l	96
42) 1,2-Dichloroethane	8.411	62	120348	21.849	ug/l	99
43) Isopropyl Acetate	8.435	43	149609	19.513	ug/l	98
44) Trichloroethene	9.099	130	90301	20.695	ug/l	94
45) 1,2-Dichloropropane	9.374	63	100404	21.503	ug/l	100
46) Dibromomethane	9.465	93	58816	21.556	ug/l	98
47) Bromodichloromethane	9.648	83	129606	20.823	ug/l	97
48) Methyl methacrylate	9.441	41	66792	18.333	ug/l	95
49) 1,4-Dioxane	9.459	88	14834	388.079	ug/l #	96
51) 4-Methyl-2-Pentanone	10.209	43	433442	102.263	ug/l	98
52) Toluene	10.386	92	252405	21.791	ug/l	97
53) t-1,3-Dichloropropene	10.605	75	129416	20.189	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	148531	20.037	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	79341	21.196	ug/l	97
56) Ethyl methacrylate	10.642	69	109811	19.120	ug/l	99
57) 1,3-Dichloropropane	10.934	76	141967	21.235	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.929	63	327225	106.985	ug/l	99
59) 2-Hexanone	10.965	43	299147	96.466	ug/l	98
60) Dibromochloromethane	11.130	129	87995	21.051	ug/l	99
61) 1,2-Dibromoethane	11.239	107	74808	20.519	ug/l	100
64) Tetrachloroethene	10.867	164	72274	20.662	ug/l	94
65) Chlorobenzene	11.654	112	268333	21.077	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.727	131	81845	20.773	ug/l	99
67) Ethyl Benzene	11.727	91	455523	20.679	ug/l	98
68) m/p-Xylenes	11.837	106	345847	41.815	ug/l	98
69) o-Xylene	12.166	106	160949	20.324	ug/l	100
70) Styrene	12.178	104	287144	21.078	ug/l	99
71) Bromoform	12.343	173	45773	19.614	ug/l #	98
73) Isopropylbenzene	12.465	105	402569	19.201	ug/l	99
74) N-amyl acetate	12.270	43	139579	19.158	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	101457	20.390	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	84952m	21.703	ug/l	
77) Bromobenzene	12.739	156	99858	20.116	ug/l	97
78) n-propylbenzene	12.800	91	524701	20.550	ug/l	98
79) 2-Chlorotoluene	12.885	91	313773	20.131	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	350920	20.288	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	31435	18.394	ug/l	90
82) 4-Chlorotoluene	12.983	91	335416	20.690	ug/l	99
83) tert-Butylbenzene	13.202	119	283999	18.874	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	351381	19.972	ug/l	98
85) sec-Butylbenzene	13.379	105	431962	19.276	ug/l	100
86) p-Isopropyltoluene	13.495	119	363724	19.658	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	198267	21.066	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	196748	20.404	ug/l	95
89) n-Butylbenzene	13.818	91	357992	19.804	ug/l	98
90) Hexachloroethane	14.086	117	64025	19.192	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	184603	21.366	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.476	75	16213	18.914	ug/l	96
93) 1,2,4-Trichlorobenzene	15.129	180	105148	19.124	ug/l	98
94) Hexachlorobutadiene	15.226	225	44260	19.379	ug/l	96
95) Naphthalene	15.360	128	232705	16.972	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	100646	20.163	ug/l	92

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

