

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
 Data File : VW032531.D
 Acq On : 25 Nov 2025 10:25
 Operator : SY/MD
 Sample : VW1125SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1125SBS01

Quant Time: Nov 26 01:38:11 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 11/26/2025
 Supervised By :Mahesh Dadoda 11/26/2025

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

Internal Standards						
1) Pentafluorobenzene	7.953	168	347685	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	620529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	580431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	286931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	237125	52.900	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 105.800%			
35) Dibromofluoromethane	7.898	113	205163	55.222	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 110.440%			
50) Toluene-d8	10.325	98	770576	54.064	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 108.120%			
62) 4-Bromofluorobenzene	12.617	95	293134	54.443	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 108.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.040	85	39898	22.618	ug/l	96
3) Chloromethane	2.253	50	67311	22.262	ug/l	96
4) Vinyl Chloride	2.405	62	87252	22.865	ug/l	96
5) Bromomethane	2.820	94	55692	21.818	ug/l	92
6) Chloroethane	2.966	64	54763	21.935	ug/l	94
7) Trichlorofluoromethane	3.302	101	56954	19.036	ug/l	92
8) Diethyl Ether	3.716	74	52272	21.370	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	76144	23.364	ug/l	99
10) Methyl Iodide	4.308	142	112843	21.497	ug/l	99
11) Tert butyl alcohol	5.216	59	42288	109.102	ug/l	99
12) 1,1-Dichloroethene	4.070	96	85566	22.896	ug/l	99
13) Acrolein	3.924	56	47274	72.694	ug/l	99
14) Allyl chloride	4.698	41	153442	21.351	ug/l	98
15) Acrylonitrile	5.399	53	150875	106.679	ug/l	98
16) Acetone	4.161	43	143130	106.730	ug/l	94
17) Carbon Disulfide	4.417	76	234023	21.187	ug/l	99
18) Methyl Acetate	4.704	43	72467	21.822	ug/l	98
19) Methyl tert-butyl Ether	5.460	73	162652	20.647	ug/l	99
20) Methylene Chloride	4.954	84	114587	23.893	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	94479	22.110	ug/l	97
22) Diisopropyl ether	6.338	45	325252	22.228	ug/l	99
23) Vinyl Acetate	6.283	43	1054157	105.152	ug/l	99
24) 1,1-Dichloroethane	6.240	63	187251	23.357	ug/l	99
25) 2-Butanone	7.191	43	202477	102.483	ug/l	99
26) 2,2-Dichloropropane	7.185	77	97889	21.910	ug/l	98
27) cis-1,2-Dichloroethene	7.185	96	113210	22.172	ug/l	97
28) Bromochloromethane	7.527	49	85215	22.490	ug/l	98
29) Tetrahydrofuran	7.551	42	131058	104.513	ug/l	98
30) Chloroform	7.691	83	183447	23.375	ug/l	96
31) Cyclohexane	7.965	56	163677	22.072	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	128309	22.886	ug/l	96
36) 1,1-Dichloropropene	8.093	75	130688	23.874	ug/l	99
37) Ethyl Acetate	7.270	43	87985	21.615	ug/l	99
38) Carbon Tetrachloride	8.081	117	116121	23.874	ug/l	94
39) Methylcyclohexane	9.337	83	158627	22.369	ug/l	94
40) Benzene	8.331	78	416285	23.614	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	43503	19.455	ug/l #	93
42) 1,2-Dichloroethane	8.411	62	124704	24.083	ug/l	100
43) Isopropyl Acetate	8.435	43	154380	21.419	ug/l	99
44) Trichloroethene	9.099	130	92177	22.471	ug/l	97
45) 1,2-Dichloropropane	9.374	63	107119	24.403	ug/l	99
46) Dibromomethane	9.465	93	61337	23.912	ug/l	99
47) Bromodichloromethane	9.648	83	137861	23.561	ug/l	97
48) Methyl methacrylate	9.441	41	67352	19.665	ug/l	91
49) 1,4-Dioxane	9.453	88	15792	439.477	ug/l #	91
51) 4-Methyl-2-Pentanone	10.209	43	446803	112.135	ug/l	99
52) Toluene	10.386	92	260293	23.905	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	131011	21.741	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	155920	22.374	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	81293	23.102	ug/l	96
56) Ethyl methacrylate	10.648	69	112961	20.922	ug/l	99
57) 1,3-Dichloropropane	10.934	76	143537	22.839	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.929	63	316839	110.193	ug/l	99
59) 2-Hexanone	10.971	43	310966	106.670	ug/l	97
60) Dibromochloromethane	11.130	129	88212	22.448	ug/l	99
61) 1,2-Dibromoethane	11.233	107	79674	23.247	ug/l	96
64) Tetrachloroethene	10.861	164	78690	22.894	ug/l	91
65) Chlorobenzene	11.654	112	284000	22.701	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.727	131	88583	22.879	ug/l	98
67) Ethyl Benzene	11.727	91	477431	22.056	ug/l	97
68) m/p-Xylenes	11.837	106	376775	46.359	ug/l	98
69) o-Xylene	12.166	106	167315	21.500	ug/l	100
70) Styrene	12.178	104	299433	22.368	ug/l	99
71) Bromoform	12.349	173	48214	21.024	ug/l	98
73) Isopropylbenzene	12.465	105	428938	20.355	ug/l	99
74) N-amyl acetate	12.270	43	138885	18.966	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	106141	21.223	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	88437m	22.479	ug/l	
77) Bromobenzene	12.745	156	105632	21.171	ug/l	99
78) n-propylbenzene	12.800	91	544225	21.206	ug/l	99
79) 2-Chlorotoluene	12.885	91	326725	20.855	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	369138	21.233	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	31438	18.302	ug/l	91
82) 4-Chlorotoluene	12.983	91	351895	21.596	ug/l	99
83) tert-Butylbenzene	13.202	119	317458	20.991	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	384298	21.733	ug/l	99
85) sec-Butylbenzene	13.379	105	471145	20.918	ug/l	99
86) p-Isopropyltoluene	13.489	119	381166	20.496	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	209682	22.166	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	206013	21.257	ug/l	97
89) n-Butylbenzene	13.818	91	381348	20.989	ug/l	99
90) Hexachloroethane	14.086	117	71554	21.340	ug/l	91
91) 1,2-Dichlorobenzene	13.867	146	180740	20.813	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	15857	18.405	ug/l	93
93) 1,2,4-Trichlorobenzene	15.129	180	105182	19.033	ug/l	91
94) Hexachlorobutadiene	15.226	225	49955	21.762	ug/l	97
95) Naphthalene	15.360	128	245131	17.788	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	98535	19.640	ug/l	97

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

