

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
 Data File : VW032621.D
 Acq On : 11 Dec 2025 10:40
 Operator : SY/MD
 Sample : VW1211SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBS01

Quant Time: Dec 12 00:40:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:56:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	346169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	649478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	589027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	287796	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	206156	38.706	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	77.420%
35) Dibromofluoromethane	7.898	113	167797	37.156	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	74.320%
50) Toluene-d8	10.325	98	630886	37.850	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	75.700%
62) 4-Bromofluorobenzene	12.617	95	237433	38.799	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	77.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	50014	23.267	ug/l	100
3) Chloromethane	2.253	50	77924	20.549	ug/l	99
4) Vinyl Chloride	2.405	62	99471	21.983	ug/l	99
5) Bromomethane	2.820	94	64356	21.355	ug/l	98
6) Chloroethane	2.966	64	64347	22.039	ug/l	94
7) Trichlorofluoromethane	3.302	101	85826	21.666	ug/l	99
8) Diethyl Ether	3.722	74	58747	22.147	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	87836	22.142	ug/l	96
10) Methyl Iodide	4.314	142	122533	22.182	ug/l	98
11) Tert butyl alcohol	5.222	59	39536	109.976	ug/l	96
12) 1,1-Dichloroethene	4.076	96	89635	21.330	ug/l	96
13) Acrolein	3.930	56	75145	124.177	ug/l	99
14) Allyl chloride	4.710	41	165743	21.216	ug/l	99
15) Acrylonitrile	5.405	53	163972	110.619	ug/l	98
16) Acetone	4.167	43	193849	106.890	ug/l	100
17) Carbon Disulfide	4.417	76	261006	21.371	ug/l	98
18) Methyl Acetate	4.710	43	71275	20.147	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	185356	22.216	ug/l	93
20) Methylene Chloride	4.954	84	115017	20.774	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	98785	21.523	ug/l	97
22) Diisopropyl ether	6.344	45	351287	22.208	ug/l	98
23) Vinyl Acetate	6.283	43	1184756	110.770	ug/l	98
24) 1,1-Dichloroethane	6.246	63	191624	21.183	ug/l	99
25) 2-Butanone	7.197	43	236675	111.067	ug/l	100
26) 2,2-Dichloropropane	7.191	77	105836	20.836	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	116363	21.714	ug/l	98
28) Bromochloromethane	7.533	49	87333	24.301	ug/l	98
29) Tetrahydrofuran	7.551	42	143408	112.098	ug/l	99
30) Chloroform	7.697	83	194157	21.759	ug/l	100
31) Cyclohexane	7.965	56	177611	21.301	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	144277	21.988	ug/l	99
36) 1,1-Dichloropropene	8.093	75	137021	20.492	ug/l	98
37) Ethyl Acetate	7.270	43	101683	22.200	ug/l	99
38) Carbon Tetrachloride	8.081	117	124648	20.154	ug/l	96
39) Methylcyclohexane	9.343	83	169834	20.196	ug/l	98
40) Benzene	8.337	78	418966	20.654	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	51321	20.964	ug/l	99
42) 1,2-Dichloroethane	8.410	62	136171	21.083	ug/l	100
43) Isopropyl Acetate	8.435	43	169010	20.807	ug/l	99
44) Trichloroethene	9.099	130	95463	20.610	ug/l	95
45) 1,2-Dichloropropane	9.374	63	106697	20.787	ug/l	96
46) Dibromomethane	9.465	93	64004	21.283	ug/l	98
47) Bromodichloromethane	9.648	83	141608	20.243	ug/l	93
48) Methyl methacrylate	9.441	41	84112	21.939	ug/l	94
49) 1,4-Dioxane	9.465	88	16614	411.809	ug/l #	91
51) 4-Methyl-2-Pentanone	10.215	43	494313	109.151	ug/l	99
52) Toluene	10.392	92	260356	20.861	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	139514	20.227	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	162967	20.489	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	84914	21.044	ug/l	98
56) Ethyl methacrylate	10.648	69	120071	20.612	ug/l	99
57) 1,3-Dichloropropane	10.934	76	153553	21.187	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	262331	168.850	ug/l	99
59) 2-Hexanone	10.971	43	361390	110.181	ug/l	99
60) Dibromochloromethane	11.130	129	94937	21.124	ug/l	96
61) 1,2-Dibromoethane	11.233	107	81897	20.990	ug/l	97
64) Tetrachloroethene	10.861	164	76694	20.307	ug/l	92
65) Chlorobenzene	11.660	112	288171	21.425	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	85464	20.347	ug/l	92
67) Ethyl Benzene	11.727	91	492147	21.172	ug/l	94
68) m/p-Xylenes	11.837	106	376070	42.157	ug/l	98
69) o-Xylene	12.160	106	168408	20.469	ug/l	98
70) Styrene	12.178	104	304315	21.216	ug/l	99
71) Bromoform	12.349	173	52768	21.636	ug/l #	96
73) Isopropylbenzene	12.459	105	430067	19.647	ug/l	100
74) N-amyl acetate	12.270	43	153242	20.433	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.708	83	109851	20.845	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	79124m	20.488	ug/l	
77) Bromobenzene	12.745	156	98325	19.575	ug/l	99
78) n-propylbenzene	12.800	91	562501	20.117	ug/l	99
79) 2-Chlorotoluene	12.885	91	338998	20.654	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	371226	20.191	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	34356	25.181	ug/l	100
82) 4-Chlorotoluene	12.983	91	358769	20.582	ug/l	100
83) tert-Butylbenzene	13.202	119	305061	19.477	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	378941	20.436	ug/l	99
85) sec-Butylbenzene	13.379	105	483945	20.180	ug/l	99
86) p-Isopropyltoluene	13.495	119	390750	20.033	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	211613	20.582	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	210979	20.607	ug/l	97
89) n-Butylbenzene	13.818	91	388454	19.822	ug/l	99
90) Hexachloroethane	14.086	117	73206	20.095	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	185627	20.002	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	18747	20.029	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	108622	19.707	ug/l	99
94) Hexachlorobutadiene	15.226	225	50984	19.568	ug/l	97
95) Naphthalene	15.360	128	264415	26.673	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	103881	19.938	ug/l	98

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

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