

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
 Data File : VW031820.D
 Acq On : 11 Jul 2025 15:10
 Operator : SY/MD
 Sample : VW0711SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0711SBS01

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 07/14/2025
 Supervised By : Semsettin Yesilyurt 07/14/2025

Quant Time: Jul 11 22:49:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	203412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	392643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	357866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	171573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	159039	54.481	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 108.960%			
35) Dibromofluoromethane	7.904	113	128512	50.158	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 100.320%			
50) Toluene-d8	10.330	98	486006	50.972	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 101.940%			
62) 4-Bromofluorobenzene	12.617	95	182626	52.047	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 104.100%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.045	85	27038	19.518	ug/l	100
3) Chloromethane	2.259	50	34044	20.384	ug/l	97
4) Vinyl Chloride	2.411	62	44073	20.077	ug/l	95
5) Bromomethane	2.832	94	33939	19.794	ug/l	93
6) Chloroethane	2.972	64	30579	20.507	ug/l	99
7) Trichlorofluoromethane	3.307	101	35332	17.723	ug/l	94
8) Diethyl Ether	3.722	74	34830	22.992	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	42691	19.293	ug/l	97
10) Methyl Iodide	4.319	142	67543	19.800	ug/l	99
11) Tert butyl alcohol	5.234	59	19043	105.296	ug/l	97
12) 1,1-Dichloroethene	4.082	96	49950	20.608	ug/l	89
13) Acrolein	3.941	56	24174	74.370	ug/l	98
14) Allyl chloride	4.709	41	73309	19.713	ug/l	96
15) Acrylonitrile	5.411	53	80524	108.092	ug/l	100
16) Acetone	4.161	43	60573	83.950	ug/l	98
17) Carbon Disulfide	4.429	76	117326	18.090	ug/l	97
18) Methyl Acetate	4.716	43	51459	24.954	ug/l	99
19) Methyl tert-butyl Ether	5.465	73	92821	22.563	ug/l	100
20) Methylene Chloride	4.959	84	84209	26.917	ug/l	99
21) trans-1,2-Dichloroethene	5.459	96	54660	21.224	ug/l	97
22) Diisopropyl ether	6.343	45	168735	23.265	ug/l	95
23) Vinyl Acetate	6.288	43	541155	109.236	ug/l	98
24) 1,1-Dichloroethane	6.246	63	103194	21.946	ug/l	97
25) 2-Butanone	7.197	43	102648	109.352	ug/l	93
26) 2,2-Dichloropropane	7.191	77	47517	17.320	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	66821	22.571	ug/l	96
28) Bromochloromethane	7.532	49	48805	23.520	ug/l	98
29) Tetrahydrofuran	7.556	42	70330	109.404	ug/l	99
30) Chloroform	7.697	83	114158	22.848	ug/l	100
31) Cyclohexane	7.971	56	80506	19.369	ug/l #	89
32) 1,1,1-Trichloroethane	7.892	97	78991	20.514	ug/l	99
36) 1,1-Dichloropropene	8.099	75	73173	19.736	ug/l	100
37) Ethyl Acetate	7.276	43	46234	19.768	ug/l	98
38) Carbon Tetrachloride	8.087	117	70683	18.708	ug/l	92
39) Methylcyclohexane	9.343	83	87283	18.922	ug/l	98
40) Benzene	8.337	78	231718	21.124	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	27154	21.673	ug/l	99
42) 1,2-Dichloroethane	8.416	62	79834	21.540	ug/l	99
43) Isopropyl Acetate	8.440	43	81859	20.304	ug/l	97
44) Trichloroethene	9.105	130	54160	19.782	ug/l	91
45) 1,2-Dichloropropane	9.373	63	56258	21.221	ug/l	100
46) Dibromomethane	9.465	93	37685	22.018	ug/l	93
47) Bromodichloromethane	9.654	83	85898	21.402	ug/l	96
48) Methyl methacrylate	9.446	41	40937	20.651	ug/l	100
49) 1,4-Dioxane	9.465	88	7548	376.531	ug/l #	85
51) 4-Methyl-2-Pentanone	10.215	43	246255	106.244	ug/l	99
52) Toluene	10.391	92	146575	20.870	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	76824	20.401	ug/l	99
54) cis-1,3-Dichloropropene	10.074	75	86527	20.269	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	49809	22.216	ug/l	97
56) Ethyl methacrylate	10.647	69	65688	21.596	ug/l	99
57) 1,3-Dichloropropane	10.934	76	86315	21.928	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	179873	107.393	ug/l	97
59) 2-Hexanone	10.971	43	170031	108.255	ug/l	99
60) Dibromochloromethane	11.129	129	53999	20.141	ug/l	95
61) 1,2-Dibromoethane	11.239	107	48431	21.578	ug/l	98
64) Tetrachloroethene	10.867	164	44013	18.802	ug/l	92
65) Chlorobenzene	11.659	112	163283	20.680	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.726	131	52231	20.759	ug/l	94
67) Ethyl Benzene	11.733	91	278821	20.364	ug/l	95
68) m/p-Xylenes	11.836	106	211012	40.092	ug/l	98
69) o-Xylene	12.165	106	100967	20.719	ug/l	99
70) Styrene	12.178	104	176087	20.901	ug/l	99
71) Bromoform	12.348	173	28701	19.121	ug/l #	98
73) Isopropylbenzene	12.464	105	256245	19.634	ug/l	97
74) N-amyl acetate	12.269	43	73246	20.823	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	60618	20.922	ug/l	100
76) 1,2,3-Trichloropropane	12.769	75	48279m	21.775	ug/l	
77) Bromobenzene	12.745	156	59985	20.608	ug/l	94
78) n-propylbenzene	12.799	91	319958	20.473	ug/l	96
79) 2-Chlorotoluene	12.891	91	192096	20.412	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	217817	20.163	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	17121	17.985	ug/l	92
82) 4-Chlorotoluene	12.988	91	204787	20.727	ug/l	100
83) tert-Butylbenzene	13.202	119	177036	19.132	ug/l	98
84) 1,2,4-Trimethylbenzene	13.251	105	226223	20.668	ug/l	98
85) sec-Butylbenzene	13.379	105	268446	19.327	ug/l	99
86) p-Isopropyltoluene	13.494	119	229404	20.041	ug/l	98
87) 1,3-Dichlorobenzene	13.494	146	121573	20.827	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	118984	19.914	ug/l	91
89) n-Butylbenzene	13.818	91	216660	19.481	ug/l	98
90) Hexachloroethane	14.092	117	38781	18.779	ug/l	94
91) 1,2-Dichlorobenzene	13.866	146	108452	20.327	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.482	75	11136	19.684	ug/l	90
93) 1,2,4-Trichlorobenzene	15.128	180	64504	19.604	ug/l	95
94) Hexachlorobutadiene	15.226	225	27853	17.530	ug/l	88
95) Naphthalene	15.360	128	159171	19.731	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	58216	19.255	ug/l	94

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

