

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100625\
 Data File : VW032354.D
 Acq On : 06 Oct 2025 13:04
 Operator : SY/MD
 Sample : VW1006SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/07/2025
 Supervised By :Semsettin Yesilyurt 10/07/2025

Quant Time: Oct 07 03:43:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	265787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	490743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	444573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	221947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	200191	51.640	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 103.280%			
35) Dibromofluoromethane	7.898	113	158873	49.990	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 99.980%			
50) Toluene-d8	10.325	98	615927	52.510	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 105.020%			
62) 4-Bromofluorobenzene	12.617	95	228488	51.537	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 103.080%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.040	85	34864	20.904	ug/l	93
3) Chloromethane	2.253	50	54129	21.033	ug/l	99
4) Vinyl Chloride	2.405	62	66531	21.654	ug/l	99
5) Bromomethane	2.814	94	49451	21.902	ug/l	93
6) Chloroethane	2.960	64	43275	21.334	ug/l	98
7) Trichlorofluoromethane	3.302	101	43333	18.837	ug/l	89
8) Diethyl Ether	3.716	74	42404	21.272	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.100	101	59556	21.585	ug/l	93
10) Methyl Iodide	4.314	142	85703	21.769	ug/l	97
11) Tert butyl alcohol	5.210	59	28183	96.044	ug/l #	79
12) 1,1-Dichloroethene	4.076	96	64466	21.521	ug/l	93
13) Acrolein	3.923	56	45664	95.886	ug/l	100
14) Allyl chloride	4.698	41	101806	20.122	ug/l	90
15) Acrylonitrile	5.399	53	103713	100.010	ug/l	99
16) Acetone	4.155	43	112445	104.754	ug/l	97
17) Carbon Disulfide	4.417	76	170729	20.889	ug/l	98
18) Methyl Acetate	4.710	43	59369	19.307	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	116994	19.830	ug/l	98
20) Methylene Chloride	4.954	84	77431	18.413	ug/l	93
21) trans-1,2-Dichloroethene	5.454	96	70448	21.242	ug/l	98
22) Diisopropyl ether	6.338	45	219730	20.882	ug/l	95
23) Vinyl Acetate	6.277	43	721060	102.596	ug/l	97
24) 1,1-Dichloroethane	6.246	63	137103	21.447	ug/l	99
25) 2-Butanone	7.197	43	145183	99.308	ug/l	99
26) 2,2-Dichloropropane	7.185	77	67805	20.736	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	81257	20.395	ug/l	94
28) Bromochloromethane	7.526	49	61164	20.336	ug/l	86
29) Tetrahydrofuran	7.551	42	91065	99.051	ug/l	94
30) Chloroform	7.691	83	142965	22.051	ug/l	97
31) Cyclohexane	7.972	56	110670	20.279	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	99706	21.703	ug/l	98
36) 1,1-Dichloropropene	8.100	75	95770	21.352	ug/l	98
37) Ethyl Acetate	7.270	43	62184	20.829	ug/l	99
38) Carbon Tetrachloride	8.075	117	88385	20.941	ug/l	97
39) Methylcyclohexane	9.343	83	108987	20.145	ug/l	95
40) Benzene	8.337	78	303040	21.555	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	32687	20.316	ug/l	93
42) 1,2-Dichloroethane	8.410	62	99939	21.725	ug/l	99
43) Isopropyl Acetate	8.435	43	106812	20.168	ug/l	99
44) Trichloroethene	9.099	130	69990	21.261	ug/l	83
45) 1,2-Dichloropropane	9.374	63	76160	21.703	ug/l	98
46) Dibromomethane	9.465	93	47098	21.827	ug/l	94
47) Bromodichloromethane	9.648	83	106106	21.499	ug/l	98
48) Methyl methacrylate	9.441	41	50606	19.653	ug/l	95
49) 1,4-Dioxane	9.465	88	11559	391.917	ug/l #	94
51) 4-Methyl-2-Pentanone	10.209	43	320654	104.533	ug/l	98
52) Toluene	10.392	92	188415	21.521	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	97958	20.458	ug/l	93
54) cis-1,3-Dichloropropene	10.075	75	115018	20.854	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	61716	21.400	ug/l	93
56) Ethyl methacrylate	10.648	69	77596	19.223	ug/l	91
57) 1,3-Dichloropropane	10.934	76	108028	21.208	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	201531	93.809	ug/l	94
59) 2-Hexanone	10.971	43	223205	103.170	ug/l	97
60) Dibromochloromethane	11.129	129	69886	21.341	ug/l	100
61) 1,2-Dibromoethane	11.239	107	60081	21.365	ug/l	99
64) Tetrachloroethene	10.861	164	56160	21.111	ug/l #	89
65) Chlorobenzene	11.654	112	211190	21.590	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	65755	21.583	ug/l	98
67) Ethyl Benzene	11.733	91	342177	20.986	ug/l	94
68) m/p-Xylenes	11.837	106	272145	43.285	ug/l	98
69) o-Xylene	12.166	106	123898	21.072	ug/l	100
70) Styrene	12.178	104	220177	21.448	ug/l	100
71) Bromoform	12.343	173	34157	19.559	ug/l #	99
73) Isopropylbenzene	12.465	105	307594	20.257	ug/l	98
74) N-amyl acetate	12.270	43	99357	20.511	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.708	83	79327	21.040	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	58779m	20.125	ug/l	
77) Bromobenzene	12.745	156	77597	21.199	ug/l	88
78) n-propylbenzene	12.800	91	407885	21.504	ug/l	96
79) 2-Chlorotoluene	12.885	91	245669	21.183	ug/l	96
80) 1,3,5-Trimethylbenzene	12.940	105	272850	20.781	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	23779	20.625	ug/l	96
82) 4-Chlorotoluene	12.989	91	265245	21.512	ug/l	100
83) tert-Butylbenzene	13.202	119	226246	21.001	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	285120	21.356	ug/l	100
85) sec-Butylbenzene	13.379	105	339649	20.631	ug/l	99
86) p-Isopropyltoluene	13.495	119	293083	21.455	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	161517	21.792	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	155643	21.001	ug/l	98
89) n-Butylbenzene	13.818	91	281738	21.123	ug/l	98
90) Hexachloroethane	14.086	117	52188	21.314	ug/l	87
91) 1,2-Dichlorobenzene	13.867	146	148131	22.109	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.476	75	13785	20.882	ug/l	82
93) 1,2,4-Trichlorobenzene	15.123	180	84291	20.980	ug/l	98
94) Hexachlorobutadiene	15.226	225	38736	21.088	ug/l	89
95) Naphthalene	15.360	128	187618	19.446	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	78560	20.746	ug/l	94

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

