

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032538.D
 Acq On : 26 Nov 2025 13:05
 Operator : SY/MD
 Sample : VW1126SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
 Supervised By :Mahesh Dadoda 12/01/2025

Quant Time: Nov 27 00:26:07 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	337562	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	629179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	578751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	285723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	250756	57.619	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 115.240%			
35) Dibromofluoromethane	7.898	113	197338	52.385	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 104.780%			
50) Toluene-d8	10.325	98	749931	51.892	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 103.780%			
62) 4-Bromofluorobenzene	12.617	95	280681	51.414	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 102.820%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	40884	23.872	ug/l	90
3) Chloromethane	2.253	50	71270	24.278	ug/l	99
4) Vinyl Chloride	2.399	62	87624	23.651	ug/l	97
5) Bromomethane	2.814	94	60416	24.378	ug/l	100
6) Chloroethane	2.960	64	56305	23.229	ug/l	91
7) Trichlorofluoromethane	3.295	101	58995	20.310	ug/l	96
8) Diethyl Ether	3.716	74	57175	24.075	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.100	101	78641	24.853	ug/l	98
10) Methyl Iodide	4.314	142	107964	21.185	ug/l	96
11) Tert butyl alcohol	5.222	59	44464	118.156	ug/l	97
12) 1,1-Dichloroethene	4.076	96	84340	23.245	ug/l	94
13) Acrolein	3.929	56	50172	79.463	ug/l	98
14) Allyl chloride	4.698	41	156916	22.489	ug/l	95
15) Acrylonitrile	5.399	53	158055	115.107	ug/l	99
16) Acetone	4.161	43	172518	132.502	ug/l	95
17) Carbon Disulfide	4.417	76	232572	21.687	ug/l	99
18) Methyl Acetate	4.704	43	79374	24.618	ug/l	95
19) Methyl tert-butyl Ether	5.460	73	165056	21.581	ug/l	99
20) Methylene Chloride	4.954	84	117647	25.266	ug/l	99
21) trans-1,2-Dichloroethene	5.460	96	92366	22.264	ug/l	99
22) Diisopropyl ether	6.338	45	332486	23.404	ug/l	99
23) Vinyl Acetate	6.283	43	1099752	112.990	ug/l	97
24) 1,1-Dichloroethane	6.240	63	186701	23.987	ug/l	98
25) 2-Butanone	7.191	43	228547	119.148	ug/l	99
26) 2,2-Dichloropropane	7.185	77	100778	23.233	ug/l	95
27) cis-1,2-Dichloroethene	7.185	96	111212	22.434	ug/l	96
28) Bromochloromethane	7.526	49	89514	24.333	ug/l	94
29) Tetrahydrofuran	7.551	42	136283	111.938	ug/l	98
30) Chloroform	7.691	83	188879	24.789	ug/l	98
31) Cyclohexane	7.971	56	158345	21.993	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	131738	24.202	ug/l	96
36) 1,1-Dichloropropene	8.093	75	131322	23.660	ug/l	99
37) Ethyl Acetate	7.270	43	93514	22.658	ug/l	96
38) Carbon Tetrachloride	8.081	117	118484	24.025	ug/l	93
39) Methylcyclohexane	9.343	83	150748	20.965	ug/l	94
40) Benzene	8.337	78	413141	23.114	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	51285	22.620	ug/l	96
42) 1,2-Dichloroethane	8.410	62	132398	25.218	ug/l	97
43) Isopropyl Acetate	8.435	43	160403	21.949	ug/l	99
44) Trichloroethene	9.099	130	86516	20.801	ug/l	95
45) 1,2-Dichloropropane	9.374	63	104425	23.463	ug/l	99
46) Dibromomethane	9.465	93	59857	23.015	ug/l	98
47) Bromodichloromethane	9.648	83	140506	23.683	ug/l	98
48) Methyl methacrylate	9.441	41	73039	21.032	ug/l #	91
49) 1,4-Dioxane	9.459	88	15702	430.965	ug/l #	98
51) 4-Methyl-2-Pentanone	10.209	43	474461	117.439	ug/l	97
52) Toluene	10.392	92	254781	23.077	ug/l	97
53) t-1,3-Dichloropropene	10.605	75	132372	21.665	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	155326	21.983	ug/l	95
55) 1,1,2-Trichloroethane	10.788	97	84254	23.614	ug/l	93
56) Ethyl methacrylate	10.648	69	110864	20.251	ug/l	93
57) 1,3-Dichloropropane	10.928	76	144519	22.679	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	326058	111.840	ug/l	97
59) 2-Hexanone	10.971	43	339797	114.957	ug/l	95
60) Dibromochloromethane	11.129	129	92399	23.190	ug/l	98
61) 1,2-Dibromoethane	11.233	107	79012	22.737	ug/l	96
64) Tetrachloroethene	10.861	164	76551	22.336	ug/l	93
65) Chlorobenzene	11.654	112	271839	21.792	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.727	131	85454	22.135	ug/l	98
67) Ethyl Benzene	11.733	91	461801	21.396	ug/l	99
68) m/p-Xylenes	11.837	106	356177	43.951	ug/l	98
69) o-Xylene	12.166	106	161395	20.800	ug/l	96
70) Styrene	12.178	104	291593	21.845	ug/l	98
71) Bromoform	12.349	173	47143	20.617	ug/l	98
73) Isopropylbenzene	12.458	105	421872	20.104	ug/l	98
74) N-amyl acetate	12.269	43	146466	20.086	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.708	83	106828	21.451	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	78337m	19.996	ug/l	
77) Bromobenzene	12.739	156	99017	19.929	ug/l	89
78) n-propylbenzene	12.800	91	554412	21.695	ug/l	98
79) 2-Chlorotoluene	12.885	91	325618	20.873	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	358716	20.720	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	33802	19.762	ug/l	89
82) 4-Chlorotoluene	12.983	91	352752	21.740	ug/l	99
83) tert-Butylbenzene	13.202	119	291467	19.354	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	370238	21.026	ug/l	97
85) sec-Butylbenzene	13.379	105	458187	20.429	ug/l	98
86) p-Isopropyltoluene	13.495	119	365551	19.740	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	208260	22.108	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	198764	20.596	ug/l	94
89) n-Butylbenzene	13.818	91	377459	20.863	ug/l	97
90) Hexachloroethane	14.086	117	68581	20.540	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	182729	21.131	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	17369	20.245	ug/l	99
93) 1,2,4-Trichlorobenzene	15.129	180	105044	19.089	ug/l	95
94) Hexachlorobutadiene	15.226	225	48778	21.339	ug/l	93
95) Naphthalene	15.360	128	247278	18.020	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	98437	19.703	ug/l	92

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

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