

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
 Data File : VW032341.D
 Acq On : 03 Oct 2025 10:09
 Operator : SY/MD
 Sample : VW1003SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1003SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
 Supervised By :Semsettin Yesilyurt 10/06/2025

Quant Time: Oct 04 04:58:14 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	278007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	517265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	472342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	234620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	205163	50.596	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 101.200%			
35) Dibromofluoromethane	7.898	113	166286	49.640	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 99.280%			
50) Toluene-d8	10.325	98	634254	51.300	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 102.600%			
62) 4-Bromofluorobenzene	12.617	95	233622	49.994	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 99.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	35922	20.591	ug/l	98
3) Chloromethane	2.253	50	52234	19.405	ug/l	96
4) Vinyl Chloride	2.405	62	70667	21.989	ug/l	98
5) Bromomethane	2.820	94	49316	20.882	ug/l	96
6) Chloroethane	2.960	64	44151	20.809	ug/l	100
7) Trichlorofluoromethane	3.301	101	48248	20.052	ug/l	90
8) Diethyl Ether	3.716	74	46088	22.104	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.106	101	59577	20.643	ug/l	94
10) Methyl Iodide	4.307	142	91242	22.157	ug/l	97
11) Tert butyl alcohol	5.210	59	35075	114.277	ug/l #	93
12) 1,1-Dichloroethene	4.076	96	67361	21.499	ug/l	97
13) Acrolein	3.923	56	58061	116.558	ug/l	98
14) Allyl chloride	4.698	41	112481	21.255	ug/l	90
15) Acrylonitrile	5.405	53	109612	101.052	ug/l	100
16) Acetone	4.155	43	121446	108.166	ug/l	96
17) Carbon Disulfide	4.417	76	182974	21.403	ug/l	97
18) Methyl Acetate	4.704	43	59609	18.533	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	129887	21.048	ug/l	97
20) Methylene Chloride	4.947	84	97249	23.311	ug/l	95
21) trans-1,2-Dichloroethene	5.454	96	72569	20.920	ug/l	97
22) Diisopropyl ether	6.338	45	233975	21.259	ug/l	97
23) Vinyl Acetate	6.283	43	771189	104.905	ug/l	99
24) 1,1-Dichloroethane	6.240	63	138771	20.754	ug/l	98
25) 2-Butanone	7.191	43	157617	103.074	ug/l	97
26) 2,2-Dichloropropane	7.185	77	76859	22.472	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	85248	20.456	ug/l	92
28) Bromochloromethane	7.526	49	63803	20.281	ug/l	86
29) Tetrahydrofuran	7.551	42	96869	100.733	ug/l	94
30) Chloroform	7.691	83	145892	21.514	ug/l	99
31) Cyclohexane	7.965	56	116831	20.467	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	103931	21.628	ug/l	98
36) 1,1-Dichloropropene	8.093	75	99053	20.952	ug/l	97
37) Ethyl Acetate	7.270	43	64082	20.364	ug/l	99
38) Carbon Tetrachloride	8.081	117	92784	20.856	ug/l	96
39) Methylcyclohexane	9.343	83	115670	20.284	ug/l	95
40) Benzene	8.337	78	306473	20.682	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	35690	21.045	ug/l	90
42) 1,2-Dichloroethane	8.410	62	101080	20.847	ug/l	100
43) Isopropyl Acetate	8.435	43	113745	20.376	ug/l	98
44) Trichloroethene	9.099	130	72667	20.943	ug/l	94
45) 1,2-Dichloropropane	9.374	63	75772	20.486	ug/l	100
46) Dibromomethane	9.465	93	47749	20.994	ug/l	95
47) Bromodichloromethane	9.648	83	107339	20.633	ug/l	95
48) Methyl methacrylate	9.441	41	53707	19.788	ug/l #	92
49) 1,4-Dioxane	9.465	88	12562	404.086	ug/l #	83
51) 4-Methyl-2-Pentanone	10.215	43	331203	102.436	ug/l	99
52) Toluene	10.392	92	194697	21.098	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	101504	20.112	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	118144	20.322	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	64370	21.175	ug/l	94
56) Ethyl methacrylate	10.648	69	86806	20.402	ug/l	95
57) 1,3-Dichloropropane	10.934	76	111293	20.729	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	217670	96.127	ug/l	95
59) 2-Hexanone	10.971	43	236063	103.519	ug/l	98
60) Dibromochloromethane	11.129	129	71272	20.649	ug/l	98
61) 1,2-Dibromoethane	11.239	107	61866	20.872	ug/l	99
64) Tetrachloroethene	10.867	164	57582	20.373	ug/l	89
65) Chlorobenzene	11.660	112	214074	20.598	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	64483	19.921	ug/l	98
67) Ethyl Benzene	11.733	91	361410	20.863	ug/l	96
68) m/p-Xylenes	11.836	106	280266	41.956	ug/l	99
69) o-Xylene	12.166	106	127250	20.370	ug/l	96
70) Styrene	12.178	104	230366	21.121	ug/l	97
71) Bromoform	12.349	173	36374	19.604	ug/l #	98
73) Isopropylbenzene	12.464	105	331358	20.643	ug/l	100
74) N-amyl acetate	12.269	43	102583	20.033	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	79252	19.885	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	61589m	19.948	ug/l	
77) Bromobenzene	12.745	156	79932	20.658	ug/l	92
78) n-propylbenzene	12.800	91	413445	20.620	ug/l	98
79) 2-Chlorotoluene	12.891	91	253102	20.645	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	284439	20.493	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.513	75	24636	20.214	ug/l	96
82) 4-Chlorotoluene	12.989	91	265232	20.349	ug/l	100
83) tert-Butylbenzene	13.202	119	236976	20.809	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	288657	20.453	ug/l	99
85) sec-Butylbenzene	13.379	105	355980	20.455	ug/l	98
86) p-Isopropyltoluene	13.495	119	301518	20.880	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	160629	20.501	ug/l	95
88) 1,4-Dichlorobenzene	13.574	146	164120	20.949	ug/l	95
89) n-Butylbenzene	13.818	91	286635	20.330	ug/l	98
90) Hexachloroethane	14.092	117	51546	19.915	ug/l	92
91) 1,2-Dichlorobenzene	13.867	146	147501	20.826	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	13224	18.951	ug/l	90
93) 1,2,4-Trichlorobenzene	15.123	180	86078	20.268	ug/l	98
94) Hexachlorobutadiene	15.226	225	38516	19.836	ug/l	95
95) Naphthalene	15.360	128	197775	19.391	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	83600	20.884	ug/l	93

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

