

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080625\
 Data File : VW032026.D
 Acq On : 06 Aug 2025 11:02
 Operator : SY/MD
 Sample : VW0806SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0806SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/07/2025
 Supervised By :Semsettin Yesilyurt 08/07/2025

Quant Time: Aug 07 02:18:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	223819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	400760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	374486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	183210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	162925	48.120	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	96.240%		
35) Dibromofluoromethane	7.898	113	142799	52.438	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	104.880%		
50) Toluene-d8	10.325	98	531206	51.541	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	103.080%		
62) 4-Bromofluorobenzene	12.617	95	205422	51.907	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	103.820%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	26710	16.057	ug/l	99
3) Chloromethane	2.247	50	39389	18.448	ug/l	97
4) Vinyl Chloride	2.399	62	50390	18.168	ug/l	97
5) Bromomethane	2.820	94	37748	18.483	ug/l	91
6) Chloroethane	2.960	64	34797	19.009	ug/l	100
7) Trichlorofluoromethane	3.295	101	47366	16.861	ug/l	97
8) Diethyl Ether	3.722	74	34859	18.577	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	51703	19.135	ug/l	97
10) Methyl Iodide	4.301	142	75343	18.650	ug/l	99
11) Tert butyl alcohol	5.234	59	20727	104.144	ug/l	100
12) 1,1-Dichloroethene	4.082	96	56070	18.788	ug/l	80
13) Acrolein	3.929	56	14515	44.430	ug/l	98
14) Allyl chloride	4.704	41	88684	19.089	ug/l	99
15) Acrylonitrile	5.405	53	81654	97.331	ug/l	99
16) Acetone	4.167	43	87429	108.819	ug/l	100
17) Carbon Disulfide	4.417	76	137587	17.776	ug/l	100
18) Methyl Acetate	4.716	43	43629	19.710	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	108301	21.002	ug/l	97
20) Methylene Chloride	4.954	84	68798	16.944	ug/l	99
21) trans-1,2-Dichloroethene	5.460	96	58585	18.502	ug/l	98
22) Diisopropyl ether	6.344	45	186558	20.068	ug/l	97
23) Vinyl Acetate	6.283	43	589196	97.011	ug/l	99
24) 1,1-Dichloroethane	6.246	63	114476	19.778	ug/l	99
25) 2-Butanone	7.197	43	109085	99.233	ug/l	100
26) 2,2-Dichloropropane	7.191	77	63528	19.387	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	74142	19.917	ug/l	99
28) Bromochloromethane	7.526	49	45121	18.619	ug/l	97
29) Tetrahydrofuran	7.557	42	71136	98.701	ug/l	99
30) Chloroform	7.691	83	123726	20.387	ug/l	98
31) Cyclohexane	7.965	56	96013	18.490	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	92438	20.017	ug/l	97
36) 1,1-Dichloropropene	8.099	75	82489	19.724	ug/l	99
37) Ethyl Acetate	7.276	43	46040	19.298	ug/l #	96
38) Carbon Tetrachloride	8.087	117	80050	19.945	ug/l	90
39) Methylcyclohexane	9.343	83	101584	19.301	ug/l	97
40) Benzene	8.337	78	254368	20.547	ug/l	99

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41) Methacrylonitrile	7.502	41	28622	20.042	ug/l	97
42) 1,2-Dichloroethane	8.410	62	81562	20.586	ug/l	100
43) Isopropyl Acetate	8.435	43	85370	19.766	ug/l	98
44) Trichloroethene	9.105	130	59979	20.383	ug/l	93
45) 1,2-Dichloropropane	9.374	63	62387	20.925	ug/l	95
46) Dibromomethane	9.471	93	38384	20.768	ug/l	99
47) Bromodichloromethane	9.654	83	91972	20.753	ug/l	98
48) Methyl methacrylate	9.441	41	42012	20.446	ug/l	99
49) 1,4-Dioxane	9.471	88	9615	521.368	ug/l #	88
51) 4-Methyl-2-Pentanone	10.215	43	246993	104.498	ug/l	99
52) Toluene	10.392	92	168031	21.114	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	84037	19.768	ug/l	95
54) cis-1,3-Dichloropropene	10.081	75	99083	20.409	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	52115	21.228	ug/l	98
56) Ethyl methacrylate	10.648	69	72149	20.809	ug/l	99
57) 1,3-Dichloropropane	10.934	76	92920	21.484	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	149054	83.694	ug/l	97
59) 2-Hexanone	10.971	43	172883	105.227	ug/l	98
60) Dibromochloromethane	11.129	129	59689	20.853	ug/l	96
61) 1,2-Dibromoethane	11.239	107	51125	21.075	ug/l	97
64) Tetrachloroethene	10.867	164	48385	19.597	ug/l	93
65) Chlorobenzene	11.660	112	179125	19.544	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	56209	19.782	ug/l	98
67) Ethyl Benzene	11.727	91	312196	19.387	ug/l	97
68) m/p-Xylenes	11.837	106	238011	39.261	ug/l	99
69) o-Xylene	12.166	106	110888	19.328	ug/l	98
70) Styrene	12.178	104	201432	20.622	ug/l	98
71) Bromoform	12.349	173	31510	20.277	ug/l #	100
73) Isopropylbenzene	12.458	105	294260	18.511	ug/l	100
74) N-amyl acetate	12.269	43	79519	18.503	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	65301	19.353	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	48955m	19.354	ug/l	
77) Bromobenzene	12.745	156	65220	18.962	ug/l	98
78) n-propylbenzene	12.800	91	360900	18.485	ug/l	99
79) 2-Chlorotoluene	12.891	91	222139	19.056	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	247246	18.545	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	18999	17.341	ug/l	94
82) 4-Chlorotoluene	12.989	91	230563	18.854	ug/l	100
83) tert-Butylbenzene	13.202	119	209492	18.447	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	249247	18.471	ug/l	97
85) sec-Butylbenzene	13.379	105	313472	18.381	ug/l	99
86) p-Isopropyltoluene	13.489	119	251880	17.869	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	136467	19.061	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	136920	19.522	ug/l	97
89) n-Butylbenzene	13.818	91	254178	18.381	ug/l	99
90) Hexachloroethane	14.086	117	43941	18.027	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	123925	19.531	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.482	75	11323	18.574	ug/l	96
93) 1,2,4-Trichlorobenzene	15.123	180	73255	19.144	ug/l	91
94) Hexachlorobutadiene	15.226	225	33376	18.407	ug/l	96
95) Naphthalene	15.360	128	183973	19.555	ug/l	97
96) 1,2,3-Trichlorobenzene	15.549	180	65463	18.881	ug/l	91

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

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