

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080425\
 Data File : VW031987.D
 Acq On : 04 Aug 2025 09:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/05/2025
 Supervised By :Semsettin Yesilyurt 08/05/2025

Quant Time: Aug 05 01:12:56 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	7.959	168	244933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	432425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	389959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	173087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	169357	45.708	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	91.420%		
35) Dibromofluoromethane	7.898	113	142737	48.577	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	97.160%		
50) Toluene-d8	10.325	98	572419	51.473	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	102.940%		
62) 4-Bromofluorobenzene	12.617	95	206626	48.388	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	96.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	85662	47.057	ug/l	99
3) Chloromethane	2.253	50	116271	49.763	ug/l	98
4) Vinyl Chloride	2.405	62	144777	47.700	ug/l	98
5) Bromomethane	2.820	94	110024	49.227	ug/l	98
6) Chloroethane	2.966	64	99457	49.649	ug/l	99
7) Trichlorofluoromethane	3.302	101	134184	43.649	ug/l	98
8) Diethyl Ether	3.716	74	97132	47.301	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	143414	48.501	ug/l	97
10) Methyl Iodide	4.301	142	218134	49.340	ug/l	98
11) Tert butyl alcohol	5.228	59	54985	252.460	ug/l #	85
12) 1,1-Dichloroethene	4.076	96	156905	48.043	ug/l	93
13) Acrolein	3.936	56	16608	46.885	ug/l	97
14) Allyl chloride	4.698	41	245709	48.328	ug/l	99
15) Acrylonitrile	5.399	53	221867	241.666	ug/l	99
16) Acetone	4.167	43	222267	252.797	ug/l	98
17) Carbon Disulfide	4.411	76	434050	51.244	ug/l	99
18) Methyl Acetate	4.710	43	121653	50.222	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	289199	51.249	ug/l	94
20) Methylene Chloride	4.948	84	171869	45.265	ug/l	98
21) trans-1,2-Dichloroethene	5.454	96	168346	48.582	ug/l	98
22) Diisopropyl ether	6.338	45	491457	48.308	ug/l	98
23) Vinyl Acetate	6.277	43	1647152	247.825	ug/l	99
24) 1,1-Dichloroethane	6.240	63	305835	48.284	ug/l	99
25) 2-Butanone	7.191	43	297250	247.094	ug/l	97
26) 2,2-Dichloropropane	7.185	77	174317	48.611	ug/l	96
27) cis-1,2-Dichloroethene	7.185	96	199527	48.978	ug/l	99
28) Bromochloromethane	7.527	49	113318	42.729	ug/l	93
29) Tetrahydrofuran	7.551	42	192017	243.457	ug/l	99
30) Chloroform	7.691	83	327064	49.247	ug/l	100
31) Cyclohexane	7.965	56	258034	45.408	ug/l	98
32) 1,1,1-Trichloroethane	7.880	97	249005	49.272	ug/l	98
36) 1,1-Dichloropropene	8.093	75	228003	50.527	ug/l	100
37) Ethyl Acetate	7.270	43	124924	48.529	ug/l	99
38) Carbon Tetrachloride	8.081	117	221044	51.041	ug/l	92
39) Methylcyclohexane	9.343	83	293104	51.613	ug/l	94
40) Benzene	8.331	78	684237	51.223	ug/l	100

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41) Methacrylonitrile	7.496	41	76296	49.512	ug/l	94
42) 1,2-Dichloroethane	8.410	62	212996	49.822	ug/l	98
43) Isopropyl Acetate	8.429	43	239547	51.403	ug/l	100
44) Trichloroethene	9.099	130	159542	50.248	ug/l	93
45) 1,2-Dichloropropane	9.374	63	165234	51.362	ug/l	98
46) Dibromomethane	9.465	93	103723	52.012	ug/l	100
47) Bromodichloromethane	9.648	83	249276	52.128	ug/l	96
48) Methyl methacrylate	9.441	41	115079	51.905	ug/l	98
49) 1,4-Dioxane	9.465	88	23290	1170.411	ug/l #	85
51) 4-Methyl-2-Pentanone	10.209	43	667922	261.891	ug/l	99
52) Toluene	10.392	92	448483	52.228	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	242170	52.793	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	274111	52.326	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	138672	52.349	ug/l	94
56) Ethyl methacrylate	10.648	69	203738	54.458	ug/l	96
57) 1,3-Dichloropropane	10.934	76	237448	50.881	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	272577	141.845	ug/l	100
59) 2-Hexanone	10.965	43	468504	264.279	ug/l	100
60) Dibromochloromethane	11.130	129	169737	54.958	ug/l	98
61) 1,2-Dibromoethane	11.233	107	134149	51.251	ug/l	97
64) Tetrachloroethene	10.861	164	134128	52.168	ug/l	91
65) Chlorobenzene	11.654	112	477060	49.985	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	153442	51.860	ug/l	99
67) Ethyl Benzene	11.727	91	843440	50.298	ug/l	99
68) m/p-Xylenes	11.837	106	648083	102.663	ug/l	95
69) o-Xylene	12.160	106	308857	51.699	ug/l	97
70) Styrene	12.178	104	521701	51.290	ug/l	99
71) Bromoform	12.349	173	88239	54.531	ug/l #	100
73) Isopropylbenzene	12.459	105	780087	51.943	ug/l	98
74) N-amyl acetate	12.270	43	219672	54.105	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	168340	52.808	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	120635m	50.481	ug/l	
77) Bromobenzene	12.745	156	172345	53.039	ug/l	95
78) n-propylbenzene	12.800	91	967893	52.475	ug/l	100
79) 2-Chlorotoluene	12.885	91	571368	51.882	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	650913	51.678	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	57736	55.779	ug/l	94
82) 4-Chlorotoluene	12.983	91	594724	51.476	ug/l	100
83) tert-Butylbenzene	13.202	119	565841	52.740	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	663285	52.028	ug/l	99
85) sec-Butylbenzene	13.379	105	826119	51.273	ug/l	97
86) p-Isopropyltoluene	13.495	119	668872	50.226	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	352709	52.145	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	351606	53.064	ug/l	98
89) n-Butylbenzene	13.818	91	680026	52.053	ug/l	99
90) Hexachloroethane	14.086	117	122385	53.146	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	305187	50.911	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	30095	52.255	ug/l	96
93) 1,2,4-Trichlorobenzene	15.123	180	187968	51.994	ug/l	96
94) Hexachlorobutadiene	15.226	225	92557	54.030	ug/l	96
95) Naphthalene	15.354	128	475796	53.533	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	172628	52.703	ug/l	96

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

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