

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072825\
 Data File : VW031939.D
 Acq On : 28 Jul 2025 11:03
 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

07/29/2025
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Jul 29 01:16:57 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	7.953	168	212547	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.849	114	405024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	351048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	176354	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	155876	48.480	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	96.960%
35) Dibromofluoromethane	7.898	113	129279	46.973	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	93.940%
50) Toluene-d8	10.325	98	480384	46.119	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	92.240%
62) 4-Bromofluorobenzene	12.617	95	191319	47.834	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	95.660%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	74121	46.921	ug/l	99
3) Chloromethane	2.253	50	92805	45.772	ug/l	99
4) Vinyl Chloride	2.405	62	133198	50.572	ug/l	99
5) Bromomethane	2.826	94	94986	48.975	ug/l	97
6) Chloroethane	2.972	64	88568	50.950	ug/l	99
7) Trichlorofluoromethane	3.302	101	110266	41.334	ug/l	96
8) Diethyl Ether	3.716	74	87286	48.982	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.094	101	131127	51.103	ug/l	99
10) Methyl Iodide	4.307	142	187610	48.902	ug/l	100
11) Tert butyl alcohol	5.222	59	54393	287.795	ug/l	100
12) 1,1-Dichloroethene	4.076	96	144641	51.036	ug/l	91
13) Acrolein	3.923	56	35201	130.097	ug/l	93
14) Allyl chloride	4.704	41	227344	51.530	ug/l	99
15) Acrylonitrile	5.399	53	215262	270.198	ug/l	99
16) Acetone	4.161	43	200328	262.562	ug/l	99
17) Carbon Disulfide	4.417	76	370630	50.424	ug/l	99
18) Methyl Acetate	4.704	43	124315	59.140	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	272908	55.731	ug/l	96
20) Methylene Chloride	4.948	84	156408	47.719	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	153943	51.195	ug/l	94
22) Diisopropyl ether	6.338	45	455922	51.644	ug/l	98
23) Vinyl Acetate	6.277	43	1528850	265.075	ug/l	99
24) 1,1-Dichloroethane	6.240	63	285694	51.977	ug/l	99
25) 2-Butanone	7.191	43	291504	279.240	ug/l	96
26) 2,2-Dichloropropane	7.185	77	161610	51.934	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	183460	51.896	ug/l	98
28) Bromochloromethane	7.526	49	115483	50.180	ug/l	96
29) Tetrahydrofuran	7.551	42	190005	277.613	ug/l	100
30) Chloroform	7.691	83	299375	51.947	ug/l	98
31) Cyclohexane	7.971	56	241637	49.002	ug/l	100
32) 1,1,1-Trichloroethane	7.886	97	232870	53.100	ug/l	97
36) 1,1-Dichloropropene	8.093	75	212697	50.324	ug/l	99
37) Ethyl Acetate	7.270	43	123258	51.121	ug/l	99
38) Carbon Tetrachloride	8.081	117	205049	50.550	ug/l	98
39) Methylcyclohexane	9.343	83	273532	51.425	ug/l	95
40) Benzene	8.331	78	637083	50.920	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	71837	49.772	ug/l	94
42) 1,2-Dichloroethane	8.410	62	200554	50.085	ug/l	99
43) Isopropyl Acetate	8.435	43	228440	52.336	ug/l	99
44) Trichloroethene	9.099	130	154010	51.787	ug/l	98
45) 1,2-Dichloropropane	9.374	63	150390	49.910	ug/l	98
46) Dibromomethane	9.465	93	96408	51.614	ug/l	97
47) Bromodichloromethane	9.648	83	234287	52.308	ug/l	99
48) Methyl methacrylate	9.441	41	110697	53.307	ug/l	100
49) 1,4-Dioxane	9.459	88	22974	1232.638	ug/l #	88
51) 4-Methyl-2-Pentanone	10.209	43	644871	269.959	ug/l	100
52) Toluene	10.392	92	404341	50.273	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	225773	52.549	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	255607	52.095	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	129578	52.226	ug/l	93
56) Ethyl methacrylate	10.648	69	188119	53.685	ug/l	99
57) 1,3-Dichloropropane	10.934	76	221624	50.703	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	505235	280.703	ug/l	99
59) 2-Hexanone	10.965	43	456822	275.123	ug/l	100
60) Dibromochloromethane	11.129	129	148791	51.435	ug/l	97
61) 1,2-Dibromoethane	11.233	107	124813	50.910	ug/l	98
64) Tetrachloroethene	10.861	164	122468	52.913	ug/l	88
65) Chlorobenzene	11.660	112	441981	51.443	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.733	131	140646	52.804	ug/l	97
67) Ethyl Benzene	11.727	91	775615	51.380	ug/l	96
68) m/p-Xylenes	11.837	106	594540	104.620	ug/l	98
69) o-Xylene	12.160	106	278947	51.867	ug/l	100
70) Styrene	12.178	104	485601	53.033	ug/l	99
71) Bromoform	12.349	173	84781	58.201	ug/l #	92
73) Isopropylbenzene	12.458	105	721771	47.170	ug/l	99
74) N-amyl acetate	12.269	43	210223	50.819	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	157414	48.466	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	118919m	48.841	ug/l	
77) Bromobenzene	12.745	156	156362	47.228	ug/l	97
78) n-propylbenzene	12.800	91	889266	47.319	ug/l	98
79) 2-Chlorotoluene	12.891	91	537798	47.929	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	611039	47.614	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	53861	51.071	ug/l	98
82) 4-Chlorotoluene	12.983	91	552715	46.954	ug/l	99
83) tert-Butylbenzene	13.202	119	534180	48.867	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	624473	48.076	ug/l	100
85) sec-Butylbenzene	13.379	105	778410	47.417	ug/l	99
86) p-Isopropyltoluene	13.495	119	645682	47.586	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	321371	46.632	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	315878	46.789	ug/l	100
89) n-Butylbenzene	13.818	91	634874	47.697	ug/l	98
90) Hexachloroethane	14.086	117	118000	50.292	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	284315	46.550	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.482	75	28285	48.203	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	177281	48.130	ug/l	95
94) Hexachlorobutadiene	15.226	225	83318	47.736	ug/l	97
95) Naphthalene	15.354	128	450052	49.698	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	159974	47.935	ug/l	94

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

