

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070125\
 Data File : VW031745.D
 Acq On : 01 Jul 2025 13:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/03/2025
 Supervised By :Semsettin Yesilyurt 07/03/2025

Quant Time: Jul 02 04:18:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 02 03:49:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	222365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	391927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	342725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	164772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	159201	49.888	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 99.780%			
35) Dibromofluoromethane	7.898	113	130963	51.208	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 102.420%			
50) Toluene-d8	10.325	98	498041	52.329	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 104.660%			
62) 4-Bromofluorobenzene	12.617	95	182098	51.992	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 103.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	73272	48.384	ug/l	96
3) Chloromethane	2.253	50	86307	47.272	ug/l	99
4) Vinyl Chloride	2.405	62	119120	49.639	ug/l	95
5) Bromomethane	2.820	94	87306	46.579	ug/l	99
6) Chloroethane	2.966	64	78981	48.453	ug/l	95
7) Trichlorofluoromethane	3.302	101	94820	43.508	ug/l	95
8) Diethyl Ether	3.716	74	77938	47.063	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.094	101	116172	48.025	ug/l	99
10) Methyl Iodide	4.308	142	180494	48.400	ug/l	99
11) Tert butyl alcohol	5.204	59	46376	234.573	ug/l	99
12) 1,1-Dichloroethene	4.076	96	128620	48.543	ug/l	99
13) Acrolein	3.930	56	76957	216.574	ug/l	94
14) Allyl chloride	4.704	41	203015	49.938	ug/l	100
15) Acrylonitrile	5.399	53	196360	241.120	ug/l	99
16) Acetone	4.155	43	165935	210.373	ug/l	96
17) Carbon Disulfide	4.417	76	340098	47.968	ug/l	96
18) Methyl Acetate	4.704	43	109253	48.465	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	230571	51.270	ug/l	98
20) Methylene Chloride	4.948	84	150350	47.531	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	140190	49.794	ug/l	97
22) Diisopropyl ether	6.338	45	406461	51.265	ug/l	98
23) Vinyl Acetate	6.283	43	1394785	257.550	ug/l	99
24) 1,1-Dichloroethane	6.240	63	256290	49.859	ug/l	100
25) 2-Butanone	7.191	43	255493	248.980	ug/l	97
26) 2,2-Dichloropropane	7.185	77	145785	48.609	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	164241	50.750	ug/l	99
28) Bromochloromethane	7.526	49	119638	52.742	ug/l	99
29) Tetrahydrofuran	7.551	42	173191	246.450	ug/l	100
30) Chloroform	7.691	83	271707	49.745	ug/l	98
31) Cyclohexane	7.965	56	213368	46.958	ug/l	93
32) 1,1,1-Trichloroethane	7.886	97	211344	50.209	ug/l	99
36) 1,1-Dichloropropene	8.093	75	187382	50.633	ug/l	100
37) Ethyl Acetate	7.270	43	119442	51.163	ug/l	97
38) Carbon Tetrachloride	8.081	117	192707	51.099	ug/l	99
39) Methylcyclohexane	9.343	83	235370	51.118	ug/l	98
40) Benzene	8.331	78	562763	51.397	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	69482	55.559	ug/l	98
42) 1,2-Dichloroethane	8.410	62	190196	51.409	ug/l	100
43) Isopropyl Acetate	8.435	43	208140	51.721	ug/l	99
44) Trichloroethene	9.099	130	136049	49.783	ug/l	99
45) 1,2-Dichloropropane	9.374	63	134197	50.712	ug/l	96
46) Dibromomethane	9.465	93	86818	50.816	ug/l	98
47) Bromodichloromethane	9.648	83	208387	52.015	ug/l	99
48) Methyl methacrylate	9.441	41	101063	51.074	ug/l	99
49) 1,4-Dioxane	9.459	88	19557	977.382	ug/l #	97
51) 4-Methyl-2-Pentanone	10.209	43	591843	255.812	ug/l	100
52) Toluene	10.392	92	364730	52.027	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	196759	52.345	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	222991	52.330	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	115627	51.667	ug/l	96
56) Ethyl methacrylate	10.648	69	162577	53.547	ug/l	99
57) 1,3-Dichloropropane	10.934	76	201815	51.363	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	462990	276.934	ug/l	99
59) 2-Hexanone	10.971	43	414784	264.567	ug/l	99
60) Dibromochloromethane	11.129	129	131072	48.977	ug/l	95
61) 1,2-Dibromoethane	11.233	107	113591	50.702	ug/l	98
64) Tetrachloroethene	10.861	164	118285	52.763	ug/l	93
65) Chlorobenzene	11.654	112	387531	51.249	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.727	131	127528	52.923	ug/l	98
67) Ethyl Benzene	11.727	91	690794	52.683	ug/l	97
68) m/p-Xylenes	11.837	106	528917	104.932	ug/l	98
69) o-Xylene	12.166	106	252409	54.084	ug/l	97
70) Styrene	12.178	104	434571	53.862	ug/l	99
71) Bromoform	12.349	173	75015	52.184	ug/l #	97
73) Isopropylbenzene	12.458	105	660450	52.695	ug/l	99
74) N-amyl acetate	12.269	43	183124	54.208	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	141104	50.710	ug/l	99
76) 1,2,3-Trichloropropane	12.769	75	103508m	48.611	ug/l	
77) Bromobenzene	12.745	156	144287	51.616	ug/l	92
78) n-propylbenzene	12.800	91	785402	52.330	ug/l	100
79) 2-Chlorotoluene	12.891	91	473716	52.415	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	558336	53.818	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	46898	51.300	ug/l	96
82) 4-Chlorotoluene	12.983	91	492588	51.914	ug/l	100
83) tert-Butylbenzene	13.202	119	465901	52.426	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	551259	52.443	ug/l	99
85) sec-Butylbenzene	13.379	105	689245	51.672	ug/l	99
86) p-Isopropyltoluene	13.495	119	580542	52.810	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	288539	51.470	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	289369	50.430	ug/l	96
89) n-Butylbenzene	13.818	91	554687	51.933	ug/l	100
90) Hexachloroethane	14.092	117	101496	51.177	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	246908	48.188	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.476	75	26478	48.734	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	156688	49.585	ug/l	99
94) Hexachlorobutadiene	15.226	225	77919	51.065	ug/l	91
95) Naphthalene	15.354	128	396974	51.242	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	141962	48.892	ug/l	99

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

