

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
 Data File : VW031853.D
 Acq On : 14 Jul 2025 16:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
 Supervised By :Mahesh Dadoda 07/16/2025

Quant Time: Jul 15 02:46:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	212729	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	424856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	377830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	182654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	168367	55.150	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 110.300%			
35) Dibromofluoromethane	7.910	113	136117	49.098	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 98.200%			
50) Toluene-d8	10.324	98	505955	49.040	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 98.080%			
62) 4-Bromofluorobenzene	12.617	95	196126	51.657	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 103.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.051	85	57333	39.574	ug/l	94
3) Chloromethane	2.265	50	86152	49.325	ug/l	99
4) Vinyl Chloride	2.411	62	109868	47.858	ug/l	97
5) Bromomethane	2.832	94	78374	43.707	ug/l	96
6) Chloroethane	2.978	64	72431	46.447	ug/l	99
7) Trichlorofluoromethane	3.313	101	102939	49.373	ug/l	99
8) Diethyl Ether	3.728	74	85658	54.068	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.106	101	108819	47.023	ug/l	99
10) Methyl Iodide	4.319	142	165157	46.294	ug/l	98
11) Tert butyl alcohol	5.228	59	51725	273.480	ug/l	97
12) 1,1-Dichloroethene	4.082	96	121853	48.072	ug/l	96
13) Acrolein	3.935	56	67079	197.326	ug/l	99
14) Allyl chloride	4.709	41	196006	50.398	ug/l	96
15) Acrylonitrile	5.411	53	211168	271.049	ug/l	99
16) Acetone	4.167	43	158259	209.730	ug/l	100
17) Carbon Disulfide	4.429	76	292564	43.132	ug/l	97
18) Methyl Acetate	4.716	43	125948	58.402	ug/l	99
19) Methyl tert-butyl Ether	5.471	73	246910	57.390	ug/l	99
20) Methylene Chloride	4.965	84	159316	53.351	ug/l	97
21) trans-1,2-Dichloroethene	5.465	96	135951	50.476	ug/l	92
22) Diisopropyl ether	6.343	45	446479	58.863	ug/l	98
23) Vinyl Acetate	6.288	43	1483523	286.345	ug/l	98
24) 1,1-Dichloroethane	6.252	63	264279	53.742	ug/l	99
25) 2-Butanone	7.197	43	278466	283.659	ug/l	97
26) 2,2-Dichloropropane	7.191	77	129101	44.996	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	170957	55.218	ug/l	99
28) Bromochloromethane	7.532	49	120663	55.603	ug/l	97
29) Tetrahydrofuran	7.556	42	193597	287.967	ug/l	99
30) Chloroform	7.697	83	287058	54.936	ug/l	96
31) Cyclohexane	7.971	56	203663	46.852	ug/l	95
32) 1,1,1-Trichloroethane	7.892	97	199562	49.558	ug/l	99
36) 1,1-Dichloropropene	8.099	75	188890	47.084	ug/l	100
37) Ethyl Acetate	7.276	43	131578	51.993	ug/l	97
38) Carbon Tetrachloride	8.081	117	176848	43.259	ug/l	97
39) Methylcyclohexane	9.343	83	236145	47.311	ug/l	99
40) Benzene	8.337	78	590167	49.723	ug/l	100

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41) Methacrylonitrile	7.502	41	72747	53.661	ug/l	98
42) 1,2-Dichloroethane	8.416	62	200375	49.963	ug/l	99
43) Isopropyl Acetate	8.440	43	231733	53.121	ug/l	99
44) Trichloroethene	9.105	130	138308	46.687	ug/l	98
45) 1,2-Dichloropropane	9.379	63	145411	50.690	ug/l	96
46) Dibromomethane	9.465	93	93543	50.509	ug/l	96
47) Bromodichloromethane	9.654	83	219148	50.461	ug/l	96
48) Methyl methacrylate	9.446	41	114937	53.583	ug/l	97
49) 1,4-Dioxane	9.465	88	22880	1054.828	ug/l #	97
51) 4-Methyl-2-Pentanone	10.215	43	666519	265.760	ug/l	99
52) Toluene	10.391	92	370626	48.770	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	212988	52.270	ug/l	98
54) cis-1,3-Dichloropropene	10.080	75	238250	51.577	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	124970	51.513	ug/l	95
56) Ethyl methacrylate	10.647	69	190816	57.977	ug/l	98
57) 1,3-Dichloropropane	10.934	76	224026	52.597	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	488946	269.792	ug/l	97
59) 2-Hexanone	10.970	43	465349	273.814	ug/l	99
60) Dibromochloromethane	11.129	129	144104	49.673	ug/l	97
61) 1,2-Dibromoethane	11.239	107	124688	51.342	ug/l	100
64) Tetrachloroethene	10.867	164	109175	44.174	ug/l #	85
65) Chlorobenzene	11.659	112	418496	50.202	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.726	131	131225	49.398	ug/l	98
67) Ethyl Benzene	11.733	91	732870	50.699	ug/l	98
68) m/p-Xylenes	11.842	106	550032	98.983	ug/l	100
69) o-Xylene	12.165	106	261949	50.913	ug/l	97
70) Styrene	12.178	104	465431	52.327	ug/l	100
71) Bromoform	12.348	173	77558	48.940	ug/l #	99
73) Isopropylbenzene	12.464	105	673099	48.446	ug/l	100
74) N-amyl acetate	12.269	43	213154	56.920	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	157252	50.981	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	121986m	51.680	ug/l	
77) Bromobenzene	12.745	156	151496	48.889	ug/l	94
78) n-propylbenzene	12.799	91	813177	48.877	ug/l	99
79) 2-Chlorotoluene	12.891	91	506996	50.606	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	591840	51.462	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	49593	48.937	ug/l	97
82) 4-Chlorotoluene	12.988	91	529953	50.384	ug/l	99
83) tert-Butylbenzene	13.202	119	478225	48.545	ug/l	100
84) 1,2,4-Trimethylbenzene	13.251	105	570575	48.966	ug/l	100
85) sec-Butylbenzene	13.379	105	735351	49.732	ug/l	98
86) p-Isopropyltoluene	13.494	119	607316	49.837	ug/l	98
87) 1,3-Dichlorobenzene	13.494	146	302447	48.669	ug/l	99
88) 1,4-Dichlorobenzene	13.580	146	289785	45.559	ug/l	93
89) n-Butylbenzene	13.818	91	581390	49.104	ug/l	99
90) Hexachloroethane	14.086	117	103878	47.250	ug/l	96
91) 1,2-Dichlorobenzene	13.866	146	275295	48.468	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.482	75	28754	47.742	ug/l	95
93) 1,2,4-Trichlorobenzene	15.128	180	174369	49.778	ug/l	94
94) Hexachlorobutadiene	15.232	225	74794	44.218	ug/l	90
95) Naphthalene	15.360	128	460711	53.647	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	159265	49.482	ug/l	99

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

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