

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
 Data File : VW031817.D
 Acq On : 11 Jul 2025 11:50
 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

07/14/2025
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Jul 12 00:20:19 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	7.959	168	198972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	375996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	344776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	160985	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	154777	54.204	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 108.400%	
35) Dibromofluoromethane	7.898	113	126997	51.761	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 103.520%	
50) Toluene-d8	10.325	98	483433	52.947	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 105.900%	
62) 4-Bromofluorobenzene	12.617	95	178346	53.078	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 106.160%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	62975	46.474	ug/l	98
3) Chloromethane	2.259	50	84696	51.844	ug/l	97
4) Vinyl Chloride	2.405	62	116664	54.331	ug/l	96
5) Bromomethane	2.832	94	87379	52.098	ug/l	94
6) Chloroethane	2.978	64	78666	53.933	ug/l	96
7) Trichlorofluoromethane	3.307	101	91498	46.920	ug/l	99
8) Diethyl Ether	3.722	74	83594	56.413	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.106	101	116351	53.754	ug/l	99
10) Methyl Iodide	4.313	142	176749	52.968	ug/l	100
11) Tert butyl alcohol	5.216	59	38523	217.761	ug/l	95
12) 1,1-Dichloroethene	4.082	96	132014	55.682	ug/l	91
13) Acrolein	3.935	56	50709	159.484	ug/l	98
14) Allyl chloride	4.704	41	204615	56.249	ug/l	98
15) Acrylonitrile	5.399	53	183890	252.355	ug/l	100
16) Acetone	4.161	43	143499	203.318	ug/l	99
17) Carbon Disulfide	4.423	76	329603	51.953	ug/l	97
18) Methyl Acetate	4.710	43	110834	54.947	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	225422	56.018	ug/l	99
20) Methylene Chloride	4.954	84	171631	62.531	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	143094	56.802	ug/l	97
22) Diisopropyl ether	6.337	45	438162	61.761	ug/l	97
23) Vinyl Acetate	6.283	43	1346601	277.887	ug/l	98
24) 1,1-Dichloroethane	6.246	63	267209	58.094	ug/l	100
25) 2-Butanone	7.191	43	231508	252.131	ug/l	99
26) 2,2-Dichloropropane	7.185	77	133558	49.768	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	171959	59.382	ug/l	99
28) Bromochloromethane	7.532	49	112694	55.522	ug/l	98
29) Tetrahydrofuran	7.551	42	159477	253.616	ug/l	99
30) Chloroform	7.697	83	288423	59.013	ug/l	95
31) Cyclohexane	7.971	56	213168	52.430	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	204744	54.360	ug/l	99
36) 1,1-Dichloropropene	8.093	75	194843	54.879	ug/l	99
37) Ethyl Acetate	7.276	43	109277	48.792	ug/l	99
38) Carbon Tetrachloride	8.081	117	182386	50.412	ug/l	100
39) Methylcyclohexane	9.343	83	233224	52.798	ug/l	98
40) Benzene	8.337	78	600782	57.195	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	61844	51.546	ug/l	98
42) 1,2-Dichloroethane	8.410	62	194499	54.800	ug/l	99
43) Isopropyl Acetate	8.435	43	195479	50.633	ug/l	97
44) Trichloroethene	9.105	130	137328	52.380	ug/l	98
45) 1,2-Dichloropropane	9.373	63	146769	57.812	ug/l	100
46) Dibromomethane	9.465	93	90289	55.087	ug/l	94
47) Bromodichloromethane	9.654	83	217029	56.467	ug/l	98
48) Methyl methacrylate	9.441	41	95291	50.197	ug/l	99
49) 1,4-Dioxane	9.459	88	19115	995.768	ug/l #	97
51) 4-Methyl-2-Pentanone	10.215	43	557345	251.107	ug/l	100
52) Toluene	10.392	92	385851	57.372	ug/l	97
53) t-1,3-Dichloropropene	10.605	75	201106	55.768	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	226918	55.508	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	120020	55.902	ug/l	96
56) Ethyl methacrylate	10.648	69	165136	56.695	ug/l	97
57) 1,3-Dichloropropane	10.934	76	211630	56.144	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	420031	261.883	ug/l	97
59) 2-Hexanone	10.971	43	378302	251.521	ug/l	100
60) Dibromochloromethane	11.129	129	142988	55.694	ug/l	99
61) 1,2-Dibromoethane	11.233	107	112557	52.369	ug/l	99
64) Tetrachloroethene	10.867	164	105360	46.718	ug/l	86
65) Chlorobenzene	11.654	112	413332	54.336	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.733	131	131174	54.113	ug/l	98
67) Ethyl Benzene	11.727	91	710907	53.894	ug/l	98
68) m/p-Xylenes	11.836	106	566179	111.656	ug/l	98
69) o-Xylene	12.166	106	265395	56.528	ug/l	97
70) Styrene	12.178	104	460466	56.732	ug/l	99
71) Bromoform	12.349	173	69356	47.961	ug/l #	99
73) Isopropylbenzene	12.458	105	675485	55.162	ug/l	100
74) N-amyl acetate	12.269	43	175622	53.210	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	140579	51.710	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	108220m	52.019	ug/l	
77) Bromobenzene	12.745	156	147643	54.059	ug/l	95
78) n-propylbenzene	12.800	91	833721	56.857	ug/l	97
79) 2-Chlorotoluene	12.891	91	508849	57.627	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	577037	56.929	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.513	75	43852	49.096	ug/l	94
82) 4-Chlorotoluene	12.983	91	522197	56.329	ug/l	99
83) tert-Butylbenzene	13.202	119	485811	55.953	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	586597	57.117	ug/l	97
85) sec-Butylbenzene	13.379	105	717686	55.070	ug/l	99
86) p-Isopropyltoluene	13.495	119	623814	58.081	ug/l	97
87) 1,3-Dichlorobenzene	13.501	146	304661	55.624	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	303075	54.061	ug/l	98
89) n-Butylbenzene	13.818	91	581890	55.761	ug/l	99
90) Hexachloroethane	14.086	117	106341	54.881	ug/l	89
91) 1,2-Dichlorobenzene	13.867	146	278291	55.590	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.482	75	24189	45.569	ug/l	97
93) 1,2,4-Trichlorobenzene	15.122	180	158651	51.387	ug/l	99
94) Hexachlorobutadiene	15.226	225	73982	49.625	ug/l	92
95) Naphthalene	15.360	128	392173	51.813	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	152916	53.904	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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