

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071725\
 Data File : VW031879.D
 Acq On : 17 Jul 2025 10:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 18 02:47:42 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/18/2025

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	223528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	407518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	363866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	169236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	159160	49.615	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	99.240%		
35) Dibromofluoromethane	7.898	113	134149	50.447	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	100.900%		
50) Toluene-d8	10.331	98	491719	49.688	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	99.380%		
62) 4-Bromofluorobenzene	12.617	95	191263	52.519	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	105.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	83525	54.867	ug/l	99
3) Chloromethane	2.259	50	103034	56.140	ug/l	96
4) Vinyl Chloride	2.405	62	137655	57.064	ug/l	96
5) Bromomethane	2.826	94	97293	51.637	ug/l	98
6) Chloroethane	2.978	64	86359	52.703	ug/l	94
7) Trichlorofluoromethane	3.308	101	127438	58.171	ug/l	94
8) Diethyl Ether	3.716	74	88223	52.996	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.100	101	130941	53.849	ug/l	99
10) Methyl Iodide	4.301	142	192729	51.412	ug/l	99
11) Tert butyl alcohol	5.216	59	54560	274.533	ug/l	99
12) 1,1-Dichloroethene	4.082	96	147061	55.214	ug/l	94
13) Acrolein	3.929	56	81893	229.266	ug/l	97
14) Allyl chloride	4.704	41	222102	54.349	ug/l	96
15) Acrylonitrile	5.405	53	221952	271.127	ug/l	100
16) Acetone	4.161	43	195498	246.564	ug/l	98
17) Carbon Disulfide	4.417	76	382941	53.729	ug/l	99
18) Methyl Acetate	4.710	43	98137	43.307	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	260946	57.722	ug/l	100
20) Methylene Chloride	4.954	84	158682	50.225	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	155806	55.053	ug/l	96
22) Diisopropyl ether	6.338	45	454978	57.086	ug/l	97
23) Vinyl Acetate	6.283	43	1668373	306.466	ug/l	99
24) 1,1-Dichloroethane	6.246	63	283191	54.805	ug/l	98
25) 2-Butanone	7.197	43	296119	287.069	ug/l	98
26) 2,2-Dichloropropane	7.185	77	147505	48.927	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	184718	56.781	ug/l	98
28) Bromochloromethane	7.532	49	112857	49.494	ug/l	96
29) Tetrahydrofuran	7.551	42	197901	280.147	ug/l	99
30) Chloroform	7.691	83	304532	55.464	ug/l	97
31) Cyclohexane	7.971	56	254409	55.699	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	222050	52.478	ug/l	99
36) 1,1-Dichloropropene	8.093	75	215491	56.000	ug/l	99
37) Ethyl Acetate	7.270	43	134968	55.601	ug/l	99
38) Carbon Tetrachloride	8.081	117	212286	54.137	ug/l	97
39) Methylcyclohexane	9.343	83	276403	57.733	ug/l	96
40) Benzene	8.337	78	633616	55.655	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	75402	57.986	ug/l	96
42) 1,2-Dichloroethane	8.410	62	210379	54.689	ug/l	99
43) Isopropyl Acetate	8.435	43	244018	58.317	ug/l	99
44) Trichloroethene	9.099	130	148283	52.184	ug/l	91
45) 1,2-Dichloropropane	9.374	63	153150	55.660	ug/l	99
46) Dibromomethane	9.465	93	96218	54.164	ug/l	97
47) Bromodichloromethane	9.648	83	232307	55.767	ug/l	97
48) Methyl methacrylate	9.441	41	115942	56.352	ug/l	97
49) 1,4-Dioxane	9.471	88	22210	1067.503	ug/l #	96
51) 4-Methyl-2-Pentanone	10.215	43	666408	277.021	ug/l	98
52) Toluene	10.392	92	407011	55.837	ug/l	96
53) t-1,3-Dichloropropene	10.605	75	224441	57.425	ug/l	96
54) cis-1,3-Dichloropropene	10.075	75	256718	57.940	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	129618	55.703	ug/l	96
56) Ethyl methacrylate	10.648	69	199621	63.233	ug/l	95
57) 1,3-Dichloropropane	10.934	76	229385	56.147	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	497560	286.225	ug/l	98
59) 2-Hexanone	10.971	43	470558	288.659	ug/l	98
60) Dibromochloromethane	11.129	129	153765	55.259	ug/l	100
61) 1,2-Dibromoethane	11.239	107	131112	56.284	ug/l	99
64) Tetrachloroethene	10.861	164	118116	49.626	ug/l	95
65) Chlorobenzene	11.660	112	438921	54.673	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.733	131	134739	52.667	ug/l	98
67) Ethyl Benzene	11.727	91	799238	57.412	ug/l	97
68) m/p-Xylenes	11.837	106	597611	111.672	ug/l	99
69) o-Xylene	12.166	106	280183	56.547	ug/l	99
70) Styrene	12.178	104	495987	57.903	ug/l	99
71) Bromoform	12.349	173	82213	53.869	ug/l #	99
73) Isopropylbenzene	12.458	105	756257	58.747	ug/l	100
74) N-amyl acetate	12.269	43	223490	64.412	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	162380	56.817	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	121600m	55.601	ug/l	
77) Bromobenzene	12.745	156	164163	57.177	ug/l	89
78) n-propylbenzene	12.800	91	895797	58.111	ug/l	99
79) 2-Chlorotoluene	12.891	91	543360	58.535	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	629147	59.044	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	54352	57.885	ug/l	99
82) 4-Chlorotoluene	12.983	91	559617	57.422	ug/l	98
83) tert-Butylbenzene	13.202	119	522272	57.219	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	624928	57.883	ug/l	100
85) sec-Butylbenzene	13.379	105	786777	57.428	ug/l	99
86) p-Isopropyltoluene	13.495	119	650131	57.580	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	319887	55.556	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	318305	54.010	ug/l	96
89) n-Butylbenzene	13.818	91	625152	56.986	ug/l	97
90) Hexachloroethane	14.092	117	116210	57.050	ug/l	91
91) 1,2-Dichlorobenzene	13.867	146	286699	54.478	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.482	75	30881	55.339	ug/l	95
93) 1,2,4-Trichlorobenzene	15.129	180	182359	56.187	ug/l	96
94) Hexachlorobutadiene	15.232	225	91506	58.387	ug/l	84
95) Naphthalene	15.360	128	471101	59.206	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	155647	52.192	ug/l	97

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

