

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082225\
 Data File : VW032107.D
 Acq On : 22 Aug 2025 12:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 25 03:50:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt

08/25/2025
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	229263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	385827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	350083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	177844	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	152066	45.861	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	91.720%
35) Dibromofluoromethane	7.898	113	125841	50.486	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	100.980%
50) Toluene-d8	10.325	98	466809	50.634	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	101.260%
62) 4-Bromofluorobenzene	12.617	95	166189	48.916	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	97.840%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	79950	48.758	ug/l	96
3) Chloromethane	2.253	50	90146	40.813	ug/l	99
4) Vinyl Chloride	2.405	62	124908	46.752	ug/l	94
5) Bromomethane	2.820	94	101013	50.395	ug/l	95
6) Chloroethane	2.966	64	86326	48.829	ug/l	99
7) Trichlorofluoromethane	3.302	101	112002	52.330	ug/l	97
8) Diethyl Ether	3.716	74	83017	47.343	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.094	101	138537	54.865	ug/l	97
10) Methyl Iodide	4.308	142	173519	48.466	ug/l	96
11) Tert butyl alcohol	5.216	59	47760	222.440	ug/l	96
12) 1,1-Dichloroethene	4.076	96	146702	52.763	ug/l	94
13) Acrolein	3.930	56	28240	82.547	ug/l	98
14) Allyl chloride	4.698	41	180376	44.575	ug/l #	87
15) Acrylonitrile	5.399	53	187399	224.373	ug/l	99
16) Acetone	4.155	43	215353	280.521	ug/l	94
17) Carbon Disulfide	4.417	76	329086	44.096	ug/l	98
18) Methyl Acetate	4.698	43	103907	42.773	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	230631	47.078	ug/l	99
20) Methylene Chloride	4.954	84	151276	42.619	ug/l	97
21) trans-1,2-Dichloroethene	5.454	96	140330	47.559	ug/l	96
22) Diisopropyl ether	6.338	45	393820	46.165	ug/l	94
23) Vinyl Acetate	6.277	43	1376206	245.711	ug/l	99
24) 1,1-Dichloroethane	6.240	63	251551	46.152	ug/l	99
25) 2-Butanone	7.191	43	252610	231.522	ug/l	97
26) 2,2-Dichloropropane	7.179	77	138368	50.603	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	167202	48.478	ug/l	96
28) Bromochloromethane	7.527	49	107827	43.473	ug/l	97
29) Tetrahydrofuran	7.545	42	165971	230.658	ug/l	98
30) Chloroform	7.685	83	284406	49.220	ug/l	100
31) Cyclohexane	7.965	56	208290	44.080	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	211487	50.388	ug/l	97
36) 1,1-Dichloropropene	8.093	75	190790	54.296	ug/l	99
37) Ethyl Acetate	7.270	43	111072	53.670	ug/l	97
38) Carbon Tetrachloride	8.081	117	204584	60.331	ug/l	96
39) Methylcyclohexane	9.343	83	232096	54.191	ug/l	97
40) Benzene	8.331	78	573925	52.545	ug/l	96

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41) Methacrylonitrile	7.496	41	64477	54.938	ug/l	98
42) 1,2-Dichloroethane	8.410	62	191460	54.779	ug/l	98
43) Isopropyl Acetate	8.435	43	204668	53.753	ug/l	98
44) Trichloroethene	9.099	130	138614	53.290	ug/l	99
45) 1,2-Dichloropropane	9.374	63	135525	51.359	ug/l	98
46) Dibromomethane	9.465	93	91794	53.899	ug/l	96
47) Bromodichloromethane	9.648	83	213806	54.482	ug/l	98
48) Methyl methacrylate	9.441	41	95664	52.043	ug/l	93
49) 1,4-Dioxane	9.459	88	24278	1102.542	ug/l	98
51) 4-Methyl-2-Pentanone	10.209	43	583607	271.556	ug/l	98
52) Toluene	10.386	92	374497	54.434	ug/l	100
53) t-1,3-Dichloropropene	10.605	75	197759	53.789	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	221731	53.160	ug/l #	88
55) 1,1,2-Trichloroethane	10.788	97	119964	53.009	ug/l	97
56) Ethyl methacrylate	10.648	69	163765	54.076	ug/l #	94
57) 1,3-Dichloropropane	10.928	76	203093	51.484	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.922	63	418525	249.848	ug/l	99
59) 2-Hexanone	10.965	43	410868	276.045	ug/l	96
60) Dibromochloromethane	11.130	129	147281	56.972	ug/l	98
61) 1,2-Dibromoethane	11.233	107	116633	53.033	ug/l	97
64) Tetrachloroethene	10.861	164	116098	57.415	ug/l	95
65) Chlorobenzene	11.654	112	411476	53.999	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.727	131	137785	57.955	ug/l	97
67) Ethyl Benzene	11.727	91	727983	56.401	ug/l	99
68) m/p-Xylenes	11.837	106	573373	115.123	ug/l	99
69) o-Xylene	12.166	106	263527	57.247	ug/l	97
70) Styrene	12.178	104	457694	55.976	ug/l	99
71) Bromoform	12.349	173	84763	62.328	ug/l #	99
73) Isopropylbenzene	12.459	105	678121	54.561	ug/l	98
74) N-amyl acetate	12.270	43	191017	53.569	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.715	83	149910	50.800	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	109550m	45.386	ug/l	
77) Bromobenzene	12.745	156	165247	55.667	ug/l	90
78) n-propylbenzene	12.800	91	858032	56.074	ug/l	98
79) 2-Chlorotoluene	12.891	91	499434	52.885	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	577915	54.770	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	45905	49.236	ug/l	91
82) 4-Chlorotoluene	12.983	91	513517	51.180	ug/l	94
83) tert-Butylbenzene	13.202	119	512461	58.520	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	594687	55.365	ug/l	99
85) sec-Butylbenzene	13.379	105	746453	56.380	ug/l	100
86) p-Isopropyltoluene	13.489	119	618425	56.029	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	334998	56.714	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	329197	55.149	ug/l	97
89) n-Butylbenzene	13.818	91	615433	57.394	ug/l	99
90) Hexachloroethane	14.086	117	113164	56.062	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	289722	54.146	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	25812	49.202	ug/l	94
93) 1,2,4-Trichlorobenzene	15.123	180	177438	55.434	ug/l	99
94) Hexachlorobutadiene	15.226	225	82155	57.418	ug/l	95
95) Naphthalene	15.360	128	412715	52.621	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	159949	54.921	ug/l	94

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

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