

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070225\
 Data File : VW031756.D
 Acq On : 02 Jul 2025 15:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 03 06:11:21 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 07/03/2025
 Supervised By :Semsettin Yesilyurt 07/03/2025

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	228911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	395591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	355008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	164177	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	157657	47.991	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	95.980%
35) Dibromofluoromethane	7.898	113	130039	50.375	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	100.760%
50) Toluene-d8	10.325	98	498522	51.895	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	103.780%
62) 4-Bromofluorobenzene	12.617	95	182155	51.526	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	103.060%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	71062	45.583	ug/l	99
3) Chloromethane	2.253	50	86598	46.075	ug/l	97
4) Vinyl Chloride	2.405	62	120362	48.722	ug/l	99
5) Bromomethane	2.826	94	87783	45.494	ug/l	100
6) Chloroethane	2.972	64	79302	47.259	ug/l	99
7) Trichlorofluoromethane	3.308	101	105402	46.981	ug/l	98
8) Diethyl Ether	3.716	74	75020	44.005	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.106	101	119210	47.872	ug/l	98
10) Methyl Iodide	4.307	142	180835	47.105	ug/l	100
11) Tert butyl alcohol	5.210	59	43494	213.705	ug/l	98
12) 1,1-Dichloroethene	4.076	96	133863	49.077	ug/l	98
13) Acrolein	3.929	56	69126	188.973	ug/l	96
14) Allyl chloride	4.704	41	203704	48.675	ug/l	99
15) Acrylonitrile	5.399	53	190298	226.994	ug/l	99
16) Acetone	4.155	43	183299	225.742	ug/l	99
17) Carbon Disulfide	4.417	76	343960	47.125	ug/l	98
18) Methyl Acetate	4.710	43	87646	37.768	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	218392	47.173	ug/l	96
20) Methylene Chloride	4.954	84	154236	47.343	ug/l	99
21) trans-1,2-Dichloroethene	5.460	96	138035	47.627	ug/l	95
22) Diisopropyl ether	6.337	45	391767	47.999	ug/l	98
23) Vinyl Acetate	6.277	43	1374391	246.527	ug/l	99
24) 1,1-Dichloroethane	6.246	63	253609	47.926	ug/l	99
25) 2-Butanone	7.191	43	241534	228.646	ug/l	99
26) 2,2-Dichloropropane	7.185	77	145968	47.279	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	159618	47.911	ug/l	98
28) Bromochloromethane	7.526	49	109871	47.051	ug/l	99
29) Tetrahydrofuran	7.551	42	162593	224.753	ug/l	99
30) Chloroform	7.691	83	266197	47.342	ug/l	99
31) Cyclohexane	7.965	56	216701	46.328	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	207236	47.825	ug/l	99
36) 1,1-Dichloropropene	8.093	75	192429	51.515	ug/l	99
37) Ethyl Acetate	7.270	43	116891	49.606	ug/l	98
38) Carbon Tetrachloride	8.081	117	193175	50.749	ug/l	95
39) Methylcyclohexane	9.343	83	242672	52.216	ug/l	98
40) Benzene	8.337	78	544975	49.312	ug/l	98

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41) Methacrylonitrile	7.496	41	64680	51.240	ug/l	98
42) 1,2-Dichloroethane	8.410	62	180472	48.329	ug/l	99
43) Isopropyl Acetate	8.435	43	199771	49.182	ug/l	100
44) Trichloroethene	9.099	130	134939	48.920	ug/l	98
45) 1,2-Dichloropropane	9.374	63	129340	48.423	ug/l	98
46) Dibromomethane	9.465	93	85659	49.674	ug/l	98
47) Bromodichloromethane	9.648	83	201240	49.766	ug/l	99
48) Methyl methacrylate	9.441	41	93382	46.755	ug/l	99
49) 1,4-Dioxane	9.465	88	15970	790.726	ug/l #	80
51) 4-Methyl-2-Pentanone	10.209	43	557778	238.855	ug/l	100
52) Toluene	10.392	92	360874	51.000	ug/l	96
53) t-1,3-Dichloropropene	10.605	75	194190	51.183	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	216662	50.374	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	107901	47.768	ug/l	95
56) Ethyl methacrylate	10.648	69	157662	51.447	ug/l	99
57) 1,3-Dichloropropane	10.934	76	191458	48.276	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	435856	258.289	ug/l	99
59) 2-Hexanone	10.965	43	389004	245.826	ug/l	99
60) Dibromochloromethane	11.129	129	130833	48.435	ug/l	97
61) 1,2-Dibromoethane	11.233	107	108577	48.015	ug/l	96
64) Tetrachloroethene	10.861	164	113314	48.797	ug/l	94
65) Chlorobenzene	11.654	112	387535	49.476	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.727	131	127036	50.895	ug/l	95
67) Ethyl Benzene	11.727	91	687018	50.582	ug/l	99
68) m/p-Xylenes	11.836	106	527738	101.076	ug/l	98
69) o-Xylene	12.166	106	242862	50.237	ug/l	99
70) Styrene	12.178	104	432008	51.692	ug/l	99
71) Bromoform	12.349	173	72635	48.780	ug/l #	98
73) Isopropylbenzene	12.458	105	661564	52.975	ug/l	100
74) N-amyl acetate	12.269	43	177271	52.665	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	136226	49.135	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	102297m	48.216	ug/l	
77) Bromobenzene	12.745	156	144228	51.782	ug/l	88
78) n-propylbenzene	12.800	91	804809	53.818	ug/l	98
79) 2-Chlorotoluene	12.891	91	472694	52.492	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	545522	52.773	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	46293	50.821	ug/l	98
82) 4-Chlorotoluene	12.983	91	474994	50.241	ug/l	99
83) tert-Butylbenzene	13.202	119	472890	53.406	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	556541	53.137	ug/l	98
85) sec-Butylbenzene	13.379	105	702432	52.852	ug/l	100
86) p-Isopropyltoluene	13.495	119	575735	52.563	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	285570	51.125	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	282777	49.460	ug/l	96
89) n-Butylbenzene	13.818	91	576758	54.195	ug/l	100
90) Hexachloroethane	14.086	117	103048	52.148	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	256540	50.249	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	25352	46.831	ug/l	96
93) 1,2,4-Trichlorobenzene	15.129	180	161647	51.340	ug/l	98
94) Hexachlorobutadiene	15.226	225	85385	56.161	ug/l	91
95) Naphthalene	15.360	128	400914	51.938	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	148166	51.214	ug/l	97

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

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