

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070325\
 Data File : VW031758.D
 Acq On : 03 Jul 2025 10:09
 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 04 04:49:33 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	237806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	412930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	369107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	177341	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	165639	48.535	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	97.060%
35) Dibromofluoromethane	7.898	113	134128	49.778	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	99.560%
50) Toluene-d8	10.325	98	510305	50.891	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	101.780%
62) 4-Bromofluorobenzene	12.617	95	189828	51.442	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	102.880%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	68646	42.386	ug/l	94
3) Chloromethane	2.253	50	96954	49.656	ug/l	98
4) Vinyl Chloride	2.405	62	128206	49.956	ug/l	99
5) Bromomethane	2.826	94	97591	48.685	ug/l	90
6) Chloroethane	2.966	64	84669	48.570	ug/l	98
7) Trichlorofluoromethane	3.301	101	111985	48.048	ug/l	93
8) Diethyl Ether	3.722	74	84604	47.771	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.100	101	124131	47.983	ug/l	97
10) Methyl Iodide	4.307	142	202642	50.811	ug/l	100
11) Tert butyl alcohol	5.216	59	55902	264.397	ug/l	97
12) 1,1-Dichloroethene	4.070	96	140775	49.681	ug/l	94
13) Acrolein	3.929	56	81714	215.030	ug/l	97
14) Allyl chloride	4.704	41	226723	52.149	ug/l	98
15) Acrylonitrile	5.399	53	229907	263.983	ug/l	100
16) Acetone	4.155	43	207080	245.490	ug/l	99
17) Carbon Disulfide	4.417	76	379825	50.092	ug/l	98
18) Methyl Acetate	4.704	43	127141	52.738	ug/l	98
19) Methyl tert-butyl Ether	5.460	73	264885	55.076	ug/l	99
20) Methylene Chloride	4.947	84	167433	49.759	ug/l	98
21) trans-1,2-Dichloroethene	5.454	96	153515	50.987	ug/l	94
22) Diisopropyl ether	6.338	45	452069	53.315	ug/l	100
23) Vinyl Acetate	6.277	43	1588777	274.323	ug/l	98
24) 1,1-Dichloroethane	6.240	63	281516	51.210	ug/l	98
25) 2-Butanone	7.185	43	309118	281.678	ug/l	96
26) 2,2-Dichloropropane	7.185	77	165466	51.589	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	179991	52.006	ug/l	99
28) Bromochloromethane	7.526	49	117924	48.611	ug/l #	12
29) Tetrahydrofuran	7.551	42	207045	275.494	ug/l	99
30) Chloroform	7.691	83	292881	50.139	ug/l	92
31) Cyclohexane	7.965	56	230535	47.442	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	229430	50.967	ug/l	99
36) 1,1-Dichloropropene	8.093	75	205290	52.650	ug/l	98
37) Ethyl Acetate	7.270	43	135718	55.177	ug/l	98
38) Carbon Tetrachloride	8.075	117	212284	53.427	ug/l	94
39) Methylcyclohexane	9.337	83	258198	53.224	ug/l	99
40) Benzene	8.331	78	616200	53.415	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	77913	59.131	ug/l	99
42) 1,2-Dichloroethane	8.410	62	206803	53.055	ug/l	99
43) Isopropyl Acetate	8.435	43	241970	57.069	ug/l	100
44) Trichloroethene	9.099	130	150162	52.153	ug/l	98
45) 1,2-Dichloropropane	9.374	63	147895	53.045	ug/l	96
46) Dibromomethane	9.465	93	98255	54.586	ug/l	98
47) Bromodichloromethane	9.648	83	227228	53.833	ug/l	100
48) Methyl methacrylate	9.441	41	126360	60.610	ug/l	92
49) 1,4-Dioxane	9.465	88	20621	978.139	ug/l #	87
51) 4-Methyl-2-Pentanone	10.209	43	688469	282.440	ug/l	100
52) Toluene	10.386	92	396483	53.680	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	219704	55.476	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	246950	55.005	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	126491	53.646	ug/l	95
56) Ethyl methacrylate	10.648	69	185375	57.951	ug/l	98
57) 1,3-Dichloropropane	10.934	76	226283	54.661	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	480650	272.874	ug/l	98
59) 2-Hexanone	10.965	43	488457	295.712	ug/l	99
60) Dibromochloromethane	11.129	129	156333	55.445	ug/l	100
61) 1,2-Dibromoethane	11.233	107	126970	53.791	ug/l	98
64) Tetrachloroethene	10.861	164	124089	51.396	ug/l	94
65) Chlorobenzene	11.654	112	433941	53.285	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	144690	55.754	ug/l	97
67) Ethyl Benzene	11.727	91	764020	54.103	ug/l	99
68) m/p-Xylenes	11.836	106	575494	106.012	ug/l	99
69) o-Xylene	12.166	106	282356	56.176	ug/l	96
70) Styrene	12.178	104	476391	54.825	ug/l	99
71) Bromoform	12.349	173	86862	56.107	ug/l #	98
73) Isopropylbenzene	12.458	105	718531	53.266	ug/l	100
74) N-amyl acetate	12.269	43	208344	57.302	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.708	83	160786	53.688	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	120606m	52.626	ug/l	
77) Bromobenzene	12.745	156	160143	53.228	ug/l	90
78) n-propylbenzene	12.800	91	859754	53.224	ug/l	99
79) 2-Chlorotoluene	12.891	91	520448	53.505	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	605160	54.197	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	54972	55.869	ug/l	99
82) 4-Chlorotoluene	12.983	91	534185	52.308	ug/l	99
83) tert-Butylbenzene	13.202	119	526804	55.078	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	597874	52.846	ug/l	99
85) sec-Butylbenzene	13.379	105	746971	52.031	ug/l	99
86) p-Isopropyltoluene	13.489	119	626275	52.932	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	308784	51.177	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	314998	51.006	ug/l	97
89) n-Butylbenzene	13.818	91	607914	52.882	ug/l	100
90) Hexachloroethane	14.086	117	108832	50.987	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	286378	51.930	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	31352	53.615	ug/l	95
93) 1,2,4-Trichlorobenzene	15.123	180	180003	52.926	ug/l	98
94) Hexachlorobutadiene	15.226	225	90965	55.390	ug/l	88
95) Naphthalene	15.360	128	458625	55.004	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	166380	53.241	ug/l	99

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

