

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061225\
 Data File : VW031727.D
 Acq On : 12 Jun 2025 11:22
 Operator : SY/MD
 Sample : VSTDCCC2578
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD25503

Quant Time: Jun 27 09:20:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 25 07:47:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.849	114	319033	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	288424	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	138980	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.393	65	88696	22.198	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	88.800%	
7) Chloroethane-d5	2.936	69	73452	22.270	ug/L	0.01
Spiked Amount 25.000	Range 30	- 150	Recovery	=	89.080%	
11) 1,1-Dichloroethene-d2	4.052	65	43615	20.787	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	83.160%	
21) 2-Butanone-d5	7.106	46	78470	50.140	ug/L	0.01
Spiked Amount 50.000	Range 20	- 135	Recovery	=	100.280%	
24) Chloroform-d	7.661	84	223839	24.205	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	96.800%	
26) 1,2-Dichloroethane-d4	8.319	65	131643	24.259	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	97.040%	
32) Benzene-d6	8.289	84	403076	23.110	ug/L	0.01
Spiked Amount 25.000	Range 20	- 135	Recovery	=	92.440%	
36) 1,2-Dichloropropane-d6	9.282	67	120319	23.262	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	93.040%	
41) Toluene-d8	10.325	98	376670	23.404	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	93.600%	
43) trans-1,3-Dichloroprop...	10.581	79	57245	22.841	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	91.360%	
47) 2-Hexanone-d5	10.922	63	63933	52.559	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	105.120%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	131600	25.498	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	102.000%	
66) 1,2-Dichlorobenzene-d4	13.849	152	124029	23.276	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	93.120%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	76436	20.320	ug/L	96
3) Chloromethane	2.253	50	78835	20.935	ug/L	100
5) Vinyl chloride	2.405	62	100774	22.430	ug/L	97
6) Bromomethane	2.826	94	71294	22.321	ug/L	97
8) Chloroethane	2.972	64	64507	22.415	ug/L	96
9) Trichlorofluoromethane	3.302	101	78593	19.722	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.094	101	99355	23.272	ug/L	97
12) 1,1-Dichloroethene	4.082	96	97097	22.768	ug/L	85
13) Acetone	4.161	43	51329	38.017	ug/L	100
14) Carbon disulfide	4.423	76	249411	21.150	ug/L	97
15) Methyl Acetate	4.704	43	70105	26.176	ug/L	98
16) Methylene chloride	4.954	84	104160	19.436	ug/L	98
17) trans-1,2-Dichloroethene	5.454	96	103539	23.380	ug/L	98
18) Methyl tert-butyl Ether	5.466	73	169588	23.453	ug/L	99
19) 1,1-Dichloroethane	6.240	63	196887	23.940	ug/L	99
20) cis-1,2-Dichloroethene	7.191	96	118667	24.081	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
22) 2-Butanone	7.191	43	88130	53.356	ug/L	99
23) Bromochloromethane	7.527	128	56426	25.345	ug/L	96
25) Chloroform	7.691	83	217984	24.740	ug/L	99
27) 1,2-Dichloroethane	8.411	62	163939	25.524	ug/L	98
29) Cyclohexane	7.972	56	171152	22.461	ug/L	99
30) 1,1,1-Trichloroethane	7.886	97	154583	22.944	ug/L	99
31) Carbon tetrachloride	8.081	117	145822	23.545	ug/L	97
33) Benzene	8.331	78	443961	24.521	ug/L	100
34) Trichloroethene	9.099	95	120319	23.598	ug/L	97
35) Methylcyclohexane	9.343	83	188953	22.830	ug/L	99
37) 1,2-Dichloropropane	9.374	63	115626	24.928	ug/L	100
38) Bromodichloromethane	9.648	83	158131	25.416	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	185590	24.566	ug/L	98
40) 4-Methyl-2-pentanone	10.215	43	201609	53.723	ug/L	100
42) Toluene	10.392	91	482224	24.724	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	165072	24.961	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	99808	25.488	ug/L	95
46) Tetrachloroethene	10.867	164	87705	24.294	ug/L	93
48) 2-Hexanone	10.971	43	141433	54.549	ug/L	99
49) Dibromochloromethane	11.130	129	105654	26.044	ug/L	97
50) 1,2-Dibromoethane	11.239	107	99854	25.790	ug/L	98
51) Chlorobenzene	11.654	112	308543	24.746	ug/L	95
52) Ethylbenzene	11.727	91	545382	24.516	ug/L	99
53) m,p-Xylene	11.837	106	206921	25.097	ug/L	95
54) o-Xylene	12.166	106	196464	24.913	ug/L	94
55) Styrene	12.178	104	348427	25.931	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	131687	26.305	ug/L	100
59) Bromoform	12.349	173	63201	25.905	ug/L	100
60) Isopropylbenzene	12.459	105	523450	24.187	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	101430	26.151	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	426140	24.639	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	427226	24.891	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	225877	24.481	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	238377	25.214	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	212529	24.700	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	25873	26.240	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	148124	24.428	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	132384	24.917	ug/L	96
71) Naphthalene	15.360	128	352005	26.246	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	118244	23.687	ug/L	99

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

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