

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011725\
 Data File : VW031569.D
 Acq On : 17 Jan 2025 12:39
 Operator : SY/MD
 Sample : Q1108-03MS
 Misc : 2.11g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YE8F7MS

Quant Time: Jan 18 00:38:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jan 18 00:35:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	1103169	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	940773	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	434427	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	353008	20.393	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.560%
7) Chloroethane-d5	2.899	69	242198	19.591	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.360%
11) 1,1-Dichloroethene-d2	4.021	65	160853	20.884	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.520%
21) 2-Butanone-d5	7.087	46	120014	43.128	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.260%
24) Chloroform-d	7.648	84	596650	20.898	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	8.307	65	296092	21.071	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.280%
32) Benzene-d6	8.270	84	1254084	21.222	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.880%
36) 1,2-Dichloropropane-d6	9.270	67	365194	20.931	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.720%
41) Toluene-d8	10.318	98	1143466	21.435	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.760%
43) trans-1,3-Dichloroprop...	10.575	79	154348	21.542	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.160%
47) 2-Hexanone-d5	10.922	63	82308	46.226	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.460%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	231885	21.733	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	316643	20.781	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	227538	15.858	ug/L	96
3) Chloromethane	2.222	50	210266	14.139	ug/L	97
5) Vinyl chloride	2.375	62	297908	15.705	ug/L	99
6) Bromomethane	2.789	94	166897	15.053	ug/L	97
8) Chloroethane	2.936	64	169015	15.158	ug/L	97
9) Trichlorofluoromethane	3.265	101	284584	15.101	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	245280	16.998	ug/L #	64
12) 1,1-Dichloroethene	4.039	96	244827	16.678	ug/L	85
13) Acetone	4.155	43	71754m	33.504	ug/L	
14) Carbon disulfide	4.387	76	792500	16.027	ug/L	100
15) Methyl Acetate	4.679	43	92495	16.486	ug/L #	74
16) Methylene chloride	4.923	84	242749	16.157	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	266478	16.902	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	427030	16.891	ug/L	99
19) 1,1-Dichloroethane	6.216	63	502160	16.929	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	285196	16.942	ug/L	98
22) 2-Butanone	7.179	43	118511	32.401	ug/L	99
23) Bromochloromethane	7.514	128	114137	17.313	ug/L	97
25) Chloroform	7.673	83	476207	16.878	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	296574	17.066	ug/L	100
29) Cyclohexane	7.953	56	499613	16.569	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	409798	16.780	ug/L	99
31) Carbon tetrachloride	8.069	117	361390	16.690	ug/L	99
33) Benzene	8.319	78	1072094	16.651	ug/L	100
34) Trichloroethene	9.087	95	287322	16.598	ug/L	98
35) Methylcyclohexane	9.331	83	498735	16.070	ug/L	99
37) 1,2-Dichloropropane	9.367	63	272735	16.853	ug/L	99
38) Bromodichloromethane	9.642	83	330873	16.903	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	440261	17.294	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	272591	33.746	ug/L	99
42) Toluene	10.386	91	1134416	16.855	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	354502	17.421	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	179716	17.325	ug/L	96
46) Tetrachloroethene	10.861	164	203198	16.358	ug/L	91
48) 2-Hexanone	10.965	43	177241	35.906	ug/L	99
49) Dibromochloromethane	11.129	129	198249	17.370	ug/L	98
50) 1,2-Dibromoethane	11.233	107	168513	17.528	ug/L	95
51) Chlorobenzene	11.654	112	701208	16.872	ug/L	97
52) Ethylbenzene	11.727	91	1293260	16.746	ug/L	98
53) m,p-Xylene	11.836	106	487451	16.554	ug/L	96
54) o-Xylene	12.160	106	459329	16.785	ug/L	99
55) Styrene	12.178	104	774434	17.008	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	195938	17.191	ug/L	99
59) Bromoform	12.342	173	103424	17.867	ug/L	100
60) Isopropylbenzene	12.458	105	1301197	17.146	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	142892	17.515	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1046563	16.748	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	1029103	16.920	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	509746	16.935	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	491743	16.518	ug/L	98
67) 1,2-Dichlorobenzene	13.861	146	443368	17.249	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	31842	17.458	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	304507	14.928	ug/L	94
70) 1,2,4-trichlorobenzene	15.122	180	271268	16.696	ug/L	95
71) Naphthalene	15.354	128	532749	17.487	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	225987	16.515	ug/L	96

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

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