

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
 Data File : VW026438.D
 Acq On : 29 Jun 2023 17:09
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025543

Quant Time: Jun 30 01:13:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 01:06:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	823697	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	705442	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	352496	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	246869	26.322	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.280%
7) Chloroethane-d5	2.893	69	186628	24.438	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.760%
11) 1,1-Dichloroethene-d2	4.027	65	116535	24.834	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.320%
21) 2-Butanone-d5	7.075	46	164523	46.418	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.840%
24) Chloroform-d	7.648	84	488152	24.314	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.240%
26) 1,2-Dichloroethane-d4	8.307	65	262736	23.942	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.760%
32) Benzene-d6	8.276	84	1007027	24.545	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	9.270	67	322213	24.641	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.560%
41) Toluene-d8	10.325	98	889295	24.538	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.160%
43) trans-1,3-Dichloroprop...	10.575	79	128190	24.321	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.280%
47) 2-Hexanone-d5	10.922	63	110114	50.354	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.700%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	249318	24.694	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.760%
66) 1,2-Dichlorobenzene-d4	13.854	152	268878	21.906	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.640%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	205752	25.598	ug/L	# 80
3) Chloromethane	2.228	50	337137	29.756	ug/L	99
5) Vinyl chloride	2.381	62	324639	27.801	ug/L	100
6) Bromomethane	2.789	94	177993	26.803	ug/L	97
8) Chloroethane	2.930	64	189377	26.740	ug/L	99
9) Trichlorofluoromethane	3.265	101	242581	28.569	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	264563	28.072	ug/L	99
12) 1,1-Dichloroethene	4.051	96	256701	27.829	ug/L	87
13) Acetone	4.118	43	116409	46.493	ug/L	100
14) Carbon disulfide	4.393	76	847544	28.391	ug/L	99
15) Methyl Acetate	4.667	43	153514	28.237	ug/L	98
16) Methylene chloride	4.923	84	300680	21.603	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	277325	27.949	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	457131	28.191	ug/L	99
19) 1,1-Dichloroethane	6.216	63	563319	28.214	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	307798	27.387	ug/L	98
22) 2-Butanone	7.167	43	202682	49.374	ug/L	97
23) Bromochloromethane	7.514	128	123102	26.336	ug/L	96
25) Chloroform	7.679	83	513651	26.506	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	352142	26.576	ug/L	97
29) Cyclohexane	7.953	56	559085	27.957	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	399208	26.565	ug/L	99
31) Carbon tetrachloride	8.069	117	367325	27.150	ug/L	99
33) Benzene	8.325	78	1186917	26.868	ug/L	100
34) Trichloroethene	9.093	95	302727	26.901	ug/L	95
35) Methylcyclohexane	9.337	83	558584	27.862	ug/L	99
37) 1,2-Dichloropropane	9.367	63	320117	27.296	ug/L	99
38) Bromodichloromethane	9.642	83	358252	27.217	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	488661	27.839	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	438919	54.510	ug/L	99
42) Toluene	10.386	91	1218504	26.960	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	399585	27.854	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	211934	26.529	ug/L	97
46) Tetrachloroethene	10.861	164	210562	26.465	ug/L	96
48) 2-Hexanone	10.965	43	309325	57.233	ug/L	100
49) Dibromochloromethane	11.129	129	221419	27.827	ug/L	99
50) 1,2-Dibromoethane	11.233	107	202531	27.570	ug/L	94
51) Chlorobenzene	11.660	112	742229	26.542	ug/L	100
52) Ethylbenzene	11.727	91	1383343	27.200	ug/L	100
53) m,p-Xylene	11.836	106	516601	27.393	ug/L	98
54) o-Xylene	12.166	106	485300	27.746	ug/L	91
55) Styrene	12.178	104	833574	27.920	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	267430	27.415	ug/L	98
59) Bromoform	12.349	173	126962	27.202	ug/L	99
60) Isopropylbenzene	12.464	105	1332102	25.909	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	197527	25.638	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1109980	27.149	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1089878	27.287	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	563620	26.128	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	551829	25.721	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	492216	25.215	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	44826	25.390	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	367282	25.011	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	311042	24.473	ug/L	96
71) Naphthalene	15.360	128	702181	27.104	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	280394	25.654	ug/L	98

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

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