

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031723\
 Data File : VW025407.D
 Acq On : 17 Mar 2023 09:26
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025550

Quant Time: Mar 17 21:36:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 17 01:35:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	826162	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	718067	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	360307	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	288939	21.034	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.120%
7) Chloroethane-d5	2.899	69	220744	22.333	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.320%
11) 1,1-Dichloroethene-d2	4.027	63	610573	23.013	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.040%
21) 2-Butanone-d5	7.075	46	150984	44.779	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.560%
24) Chloroform-d	7.648	84	573134	24.064	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.240%
26) 1,2-Dichloroethane-d4	8.307	65	298366	23.340	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.360%
32) Benzene-d6	8.276	84	1161253	23.668	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.680%
36) 1,2-Dichloropropane-d6	9.270	67	364888	24.039	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.160%
41) Toluene-d8	10.324	98	1021494	23.613	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.440%
43) trans-1,3-Dichloroprop...	10.574	79	138923	22.985	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.920%
47) 2-Hexanone-d5	10.922	63	101120	46.329	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	255805	23.003	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	310087	23.143	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	195293	20.684	ug/L	97
3) Chloromethane	2.228	50	290678	25.886	ug/L	97
5) Vinyl chloride	2.375	62	322131	25.392	ug/L	97
6) Bromomethane	2.795	94	170926	25.272	ug/L	98
8) Chloroethane	2.936	64	190486	26.125	ug/L	97
9) Trichlorofluoromethane	3.271	101	252138	22.962	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	268239	25.190	ug/L #	75
12) 1,1-Dichloroethene	4.045	96	264939	25.716	ug/L	92
13) Acetone	4.124	43	164567	50.772	ug/L	100
14) Carbon disulfide	4.393	76	846228	26.418	ug/L	99
15) Methyl Acetate	4.673	43	133658	21.981	ug/L	97
16) Methylene chloride	4.917	84	280586	24.390	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	269170	24.923	ug/L	90
18) Methyl tert-butyl Ether	5.429	73	384834	23.669	ug/L	99
19) 1,1-Dichloroethane	6.215	63	562054	25.131	ug/L	99
20) cis-1,2-Dichloroethene	7.166	96	292061	24.699	ug/L #	94
22) 2-Butanone	7.173	43	192943	46.016	ug/L	100
23) Bromochloromethane	7.514	128	118992	23.401	ug/L	93
25) Chloroform	7.679	83	524160	24.931	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	347843	24.792	ug/L	100
29) Cyclohexane	7.953	56	546387	26.957	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	421143	24.672	ug/L	98
31) Carbon tetrachloride	8.069	117	378475	24.735	ug/L	97
33) Benzene	8.325	78	1183293	25.775	ug/L	100
34) Trichloroethene	9.093	95	301805	25.047	ug/L	96
35) Methylcyclohexane	9.337	83	552361	26.611	ug/L	99
37) 1,2-Dichloropropane	9.367	63	315554	24.970	ug/L	99
38) Bromodichloromethane	9.642	83	365705	24.814	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	459855	25.259	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	358057	47.142	ug/L	100
42) Toluene	10.385	91	1222316	25.787	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	382387	25.081	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	200229	23.594	ug/L	98
46) Tetrachloroethene	10.861	164	213534	24.906	ug/L	94
48) 2-Hexanone	10.965	43	265064	48.507	ug/L	99
49) Dibromochloromethane	11.123	129	218528	24.099	ug/L	96
50) 1,2-Dibromoethane	11.233	107	184617	23.501	ug/L	97
51) Chlorobenzene	11.653	112	734317	24.409	ug/L	99
52) Ethylbenzene	11.727	91	1394558	25.796	ug/L	96
53) m,p-Xylene	11.836	106	518306	25.994	ug/L	98
54) o-Xylene	12.166	106	483795	25.784	ug/L	98
55) Styrene	12.178	104	844377	26.353	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	241946	22.919	ug/L	99
59) Bromoform	12.348	173	113991	21.928	ug/L	97
60) Isopropylbenzene	12.458	105	1354925	25.226	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	176794	22.521	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1095250	25.747	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	1090464	26.021	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	546842	24.027	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	558792	23.936	ug/L	94
67) 1,2-Dichlorobenzene	13.866	146	493750	24.188	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	36847	20.275	ug/L	93
69) 1,3,5-Trichlorobenzene	14.622	180	380473	24.592	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	308275	24.032	ug/L	98
71) Naphthalene	15.360	128	603797	23.846	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	260264	22.589	ug/L	100

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

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