

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
 Data File : VW025941.D
 Acq On : 11 May 2023 08:25
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025485

Quant Time: May 12 05:36:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 05 23:47:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	606537	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	527908	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	259859	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	194094	22.582	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.320%
7) Chloroethane-d5	2.893	69	131586	20.650	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	4.021	65	93669	21.764	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.040%
21) 2-Butanone-d5	7.075	46	110613	38.929	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.860%
24) Chloroform-d	7.648	84	404840	23.148	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	8.301	65	212756	21.512	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.040%
32) Benzene-d6	8.270	84	799347	23.173	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.680%
36) 1,2-Dichloropropane-d6	9.270	67	253092	22.932	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.720%
41) Toluene-d8	10.319	98	708800	23.043	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.160%
43) trans-1,3-Dichloroprop...	10.575	79	94842	21.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.800%
47) 2-Hexanone-d5	10.922	63	76325	40.556	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	185787	22.086	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.360%
66) 1,2-Dichlorobenzene-d4	13.849	152	209425	22.108	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	173363	25.584	ug/L	97
3) Chloromethane	2.223	50	264619	26.485	ug/L	100
5) Vinyl chloride	2.369	62	276432	26.730	ug/L	99
6) Bromomethane	2.790	94	134785	23.963	ug/L	92
8) Chloroethane	2.930	64	136496	23.212	ug/L	99
9) Trichlorofluoromethane	3.265	101	193931	24.848	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	225380	26.553	ug/L	97
12) 1,1-Dichloroethene	4.045	96	210513	25.951	ug/L	87
13) Acetone	4.119	43	114129	45.298	ug/L	100
14) Carbon disulfide	4.387	76	675048	24.608	ug/L	98
15) Methyl Acetate	4.667	43	104935	21.135	ug/L	96
16) Methylene chloride	4.911	84	233709	18.684	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	221892	25.074	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	298928	22.256	ug/L	100
19) 1,1-Dichloroethane	6.210	63	468477	25.767	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	234110	24.659	ug/L	98
22) 2-Butanone	7.167	43	145852	41.924	ug/L	98
23) Bromochloromethane	7.514	128	97107	24.144	ug/L	96
25) Chloroform	7.673	83	430588	25.767	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	286754	24.163	ug/L	99
29) Cyclohexane	7.953	56	436465	26.680	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	345781	26.783	ug/L	99
31) Carbon tetrachloride	8.069	117	311469	26.808	ug/L	99
33) Benzene	8.319	78	969981	26.558	ug/L	100
34) Trichloroethene	9.087	95	246093	26.258	ug/L	93
35) Methylcyclohexane	9.331	83	445161	26.706	ug/L	99
37) 1,2-Dichloropropane	9.368	63	261737	26.157	ug/L	100
38) Bromodichloromethane	9.642	83	295104	25.706	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	373961	25.484	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	292140	44.853	ug/L	99
42) Toluene	10.386	91	996038	26.690	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	302244	24.857	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	163623	24.444	ug/L	98
46) Tetrachloroethene	10.861	164	169240	25.668	ug/L	98
48) 2-Hexanone	10.965	43	207797	44.534	ug/L	98
49) Dibromochloromethane	11.123	129	172694	24.920	ug/L	96
50) 1,2-Dibromoethane	11.233	107	147480	23.900	ug/L	93
51) Chlorobenzene	11.654	112	597393	25.840	ug/L	95
52) Ethylbenzene	11.727	91	1130086	26.920	ug/L	98
53) m,p-Xylene	11.837	106	412824	26.720	ug/L	100
54) o-Xylene	12.166	106	390622	26.823	ug/L	93
55) Styrene	12.178	104	682969	27.401	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	195933	23.459	ug/L	99
59) Bromoform	12.343	173	93344	24.251	ug/L	98
60) Isopropylbenzene	12.459	105	1108831	28.072	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	143524	23.370	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	885881	28.316	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	809858	28.052	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	456002	26.817	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	450410	26.219	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	404749	26.691	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	31124	21.855	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	299042	26.494	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	242297	25.624	ug/L	100
71) Naphthalene	15.360	128	421100	23.594	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	206073	24.561	ug/L	97

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

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