

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042823\
 Data File : VW025769.D
 Acq On : 28 Apr 2023 18:52
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025586

Quant Time: Apr 29 00:25:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:55:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	653743	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	585971	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	280595	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	156694	19.649	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.600%
7) Chloroethane-d5	2.899	69	124817	21.831	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.320%
11) 1,1-Dichloroethene-d2	4.033	63	387811	21.330	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.320%
21) 2-Butanone-d5	7.075	46	134872	51.252	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.500%
24) Chloroform-d	7.648	84	413622	23.585	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.320%
26) 1,2-Dichloroethane-d4	8.307	65	227604	23.806	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.240%
32) Benzene-d6	8.276	84	793641	22.309	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.240%
36) 1,2-Dichloropropane-d6	9.270	67	265128	23.040	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.160%
41) Toluene-d8	10.325	98	707763	22.505	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	10.575	79	103219	23.018	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.080%
47) 2-Hexanone-d5	10.922	63	92182	51.579	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.160%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	212382	25.043	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	239405	24.904	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	206191	24.909	ug/L	99
3) Chloromethane	2.222	50	274398	25.094	ug/L	98
5) Vinyl chloride	2.375	62	275696	23.979	ug/L	99
6) Bromomethane	2.789	94	148817	24.465	ug/L	100
8) Chloroethane	2.936	64	149879	25.592	ug/L	100
9) Trichlorofluoromethane	3.271	101	203971	23.602	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	220365	24.434	ug/L	99
12) 1,1-Dichloroethene	4.045	96	212072	23.998	ug/L	96
13) Acetone	4.118	43	110149	45.157	ug/L	99
14) Carbon disulfide	4.393	76	731472	23.644	ug/L	99
15) Methyl Acetate	4.673	43	119854	24.809	ug/L	99
16) Methylene chloride	4.917	84	251035	20.327	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	225656	24.242	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	339192	25.321	ug/L	100
19) 1,1-Dichloroethane	6.216	63	466707	24.601	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	243567	24.945	ug/L	97
22) 2-Butanone	7.167	43	157942	51.069	ug/L	99
23) Bromochloromethane	7.514	128	102423	25.259	ug/L	98
25) Chloroform	7.673	83	428475	24.591	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	300014	25.156	ug/L	98
29) Cyclohexane	7.959	56	452257	24.808	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	340767	23.885	ug/L	99
31) Carbon tetrachloride	8.069	117	308418	23.827	ug/L	98
33) Benzene	8.325	78	979409	24.491	ug/L	100
34) Trichloroethene	9.093	95	244634	23.683	ug/L	96
35) Methylcyclohexane	9.337	83	453492	24.702	ug/L	100
37) 1,2-Dichloropropane	9.367	63	264737	24.560	ug/L	100
38) Bromodichloromethane	9.642	83	300008	24.623	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	385173	24.953	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	333865	51.350	ug/L	99
42) Toluene	10.386	91	1006285	24.665	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	312175	24.617	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	164155	23.503	ug/L	98
46) Tetrachloroethene	10.861	164	166616	22.778	ug/L	87
48) 2-Hexanone	10.965	43	226797	49.535	ug/L	97
49) Dibromochloromethane	11.123	129	174748	24.155	ug/L	93
50) 1,2-Dibromoethane	11.233	107	157326	24.553	ug/L #	97
51) Chlorobenzene	11.654	112	601474	23.956	ug/L	94
52) Ethylbenzene	11.727	91	1149930	25.135	ug/L	99
53) m,p-Xylene	11.837	106	423108	25.052	ug/L	94
54) o-Xylene	12.160	106	395314	25.102	ug/L	95
55) Styrene	12.178	104	692181	25.928	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	210860	24.650	ug/L	95
59) Bromoform	12.343	173	99207	25.517	ug/L	97
60) Isopropylbenzene	12.458	105	1110585	25.770	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	155186	25.430	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	907174	26.772	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	814076	26.597	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	448720	24.673	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	458057	24.841	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	405947	25.300	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	33869	24.242	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	306807	25.930	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	244102	24.161	ug/L	97
71) Naphthalene	15.360	128	477708	26.472	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	230613	25.860	ug/L	96

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

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