

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042123\
 Data File : VW025643.D
 Acq On : 21 Apr 2023 18:49
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025576

Quant Time: Apr 22 05:08:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 22 05:02:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	678389	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	614499	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	297433	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	191230	17.323	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.280%
7) Chloroethane-d5	2.899	69	156630	19.928	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.720%
11) 1,1-Dichloroethene-d2	4.027	63	446544	20.002	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.000%
21) 2-Butanone-d5	7.069	46	168660	68.485	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.980%#
24) Chloroform-d	7.648	84	452278	23.745	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.960%
26) 1,2-Dichloroethane-d4	8.301	65	251781	25.408	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.640%
32) Benzene-d6	8.276	84	891498	22.405	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.640%
36) 1,2-Dichloropropane-d6	9.276	67	292477	23.575	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.280%
41) Toluene-d8	10.319	98	783717	22.548	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	10.575	79	112866	24.265	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.040%
47) 2-Hexanone-d5	10.922	63	118223	69.715	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.440%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	246497	29.437	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.760%
66) 1,2-Dichlorobenzene-d4	13.849	152	250155	24.481	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	175756	18.527	ug/L	92
3) Chloromethane	2.223	50	261313	23.742	ug/L	100
5) Vinyl chloride	2.375	62	273900	22.512	ug/L	98
6) Bromomethane	2.789	94	149089	22.779	ug/L	96
8) Chloroethane	2.930	64	159176	23.359	ug/L	100
9) Trichlorofluoromethane	3.265	101	209635	22.365	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	241029	25.625	ug/L	98
12) 1,1-Dichloroethene	4.045	96	217369	23.087	ug/L	97
13) Acetone	4.119	43	129776	62.263	ug/L	99
14) Carbon disulfide	4.393	76	680919	20.499	ug/L	98
15) Methyl Acetate	4.667	43	146065	31.192	ug/L	98
16) Methylene chloride	4.917	84	313388	29.063	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	239338	23.910	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	387560	28.055	ug/L	99
19) 1,1-Dichloroethane	6.216	63	513872	25.695	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	268697	25.799	ug/L	95
22) 2-Butanone	7.167	43	193945	65.454	ug/L	99
23) Bromochloromethane	7.514	128	113396	26.550	ug/L	97
25) Chloroform	7.673	83	479559	26.221	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	340049	27.708	ug/L	99
29) Cyclohexane	7.953	56	463156	23.287	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	368474	24.133	ug/L	99
31) Carbon tetrachloride	8.069	117	329068	23.865	ug/L	99
33) Benzene	8.325	78	1068519	24.982	ug/L	100
34) Trichloroethene	9.087	95	264109	23.739	ug/L	99
35) Methylcyclohexane	9.337	83	467889	23.290	ug/L	100
37) 1,2-Dichloropropane	9.368	63	295029	26.118	ug/L	99
38) Bromodichloromethane	9.642	83	339068	26.235	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	432666	26.702	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	406582	63.590	ug/L	100
42) Toluene	10.386	91	1108299	25.447	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	362028	27.095	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	198060	27.498	ug/L	96
46) Tetrachloroethene	10.861	164	184428	23.570	ug/L	93
48) 2-Hexanone	10.965	43	296378	67.089	ug/L	99
49) Dibromochloromethane	11.129	129	211523	27.893	ug/L	96
50) 1,2-Dibromoethane	11.233	107	182349	27.554	ug/L	94
51) Chlorobenzene	11.654	112	676314	25.200	ug/L	98
52) Ethylbenzene	11.727	91	1255767	25.479	ug/L	100
53) m,p-Xylene	11.837	106	461179	25.516	ug/L	100
54) o-Xylene	12.160	106	440171	26.032	ug/L	90
55) Styrene	12.178	104	768104	26.989	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	256613	29.744	ug/L	96
59) Bromoform	12.343	173	118925	29.179	ug/L	98
60) Isopropylbenzene	12.459	105	1220919	26.204	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	187645	30.440	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	989669	26.908	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	965849	27.272	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	502790	26.041	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	515693	26.153	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	464652	27.451	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	42041	31.089	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	346068	26.771	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	277764	26.451	ug/L	98
71) Naphthalene	15.360	128	640132	32.669	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	261096	28.438	ug/L	99

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

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