

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
 Data File : VW026128.D
 Acq On : 08 Jun 2023 09:21
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025510

Quant Time: Jun 09 01:21:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 08 00:20:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	742700	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	660343	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	319447	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	247463	23.685	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.720%
7) Chloroethane-d5	2.899	69	204338	26.126	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.520%
11) 1,1-Dichloroethene-d2	4.021	65	120861	23.459	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.840%
21) 2-Butanone-d5	7.075	46	136971	45.029	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.060%
24) Chloroform-d	7.648	84	493590	22.695	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.760%
26) 1,2-Dichloroethane-d4	8.301	65	261517	21.990	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.960%
32) Benzene-d6	8.270	84	1010953	22.752	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	9.270	67	313562	22.275	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.080%
41) Toluene-d8	10.319	98	890123	22.589	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.360%
43) trans-1,3-Dichloroprop...	10.575	79	116863	20.950	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.800%
47) 2-Hexanone-d5	10.922	63	96267	43.370	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.740%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	226809	22.141	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.560%
66) 1,2-Dichlorobenzene-d4	13.849	152	265743	21.734	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	175121	19.234	ug/L	99
3) Chloromethane	2.223	50	269156	23.056	ug/L	97
5) Vinyl chloride	2.369	62	301796	24.185	ug/L	99
6) Bromomethane	2.790	94	163382	24.017	ug/L	100
8) Chloroethane	2.930	64	172143	25.528	ug/L	98
9) Trichlorofluoromethane	3.265	101	204656	25.493	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	225371	22.248	ug/L	99
12) 1,1-Dichloroethene	4.039	96	222701	23.551	ug/L	90
13) Acetone	4.119	43	137806	58.549	ug/L	99
14) Carbon disulfide	4.387	76	751264	22.505	ug/L	100
15) Methyl Acetate	4.667	43	114511	21.677	ug/L	100
16) Methylene chloride	4.911	84	248634	20.975	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	233320	21.992	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	330293	19.753	ug/L	99
19) 1,1-Dichloroethane	6.216	63	474251	21.957	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	247646	22.036	ug/L	99
22) 2-Butanone	7.167	43	169212	50.398	ug/L	98
23) Bromochloromethane	7.508	128	103294	21.552	ug/L	92
25) Chloroform	7.673	83	436404	21.693	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	294240	21.207	ug/L	99
29) Cyclohexane	7.953	56	458089	22.470	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	356379	22.239	ug/L	99
31) Carbon tetrachloride	8.069	117	322803	22.075	ug/L	99
33) Benzene	8.319	78	997457	22.050	ug/L	100
34) Trichloroethene	9.087	95	250154	21.596	ug/L	97
35) Methylcyclohexane	9.337	83	460165	22.451	ug/L	99
37) 1,2-Dichloropropane	9.368	63	263764	21.528	ug/L	100
38) Bromodichloromethane	9.642	83	305118	21.435	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	392684	21.809	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	311153	43.075	ug/L	100
42) Toluene	10.386	91	1047326	22.636	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	321051	21.403	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	173064	21.432	ug/L	98
46) Tetrachloroethene	10.861	164	174750	21.329	ug/L	96
48) 2-Hexanone	10.965	43	239070	46.938	ug/L	98
49) Dibromochloromethane	11.123	129	177331	20.946	ug/L	97
50) 1,2-Dibromoethane	11.233	107	155061	20.739	ug/L #	98
51) Chlorobenzene	11.654	112	630119	21.733	ug/L	95
52) Ethylbenzene	11.727	91	1159918	22.224	ug/L	98
53) m,p-Xylene	11.837	106	432762	22.288	ug/L	92
54) o-Xylene	12.160	106	404996	22.099	ug/L	96
55) Styrene	12.178	104	702108	22.332	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	202852	20.758	ug/L	96
59) Bromoform	12.349	173	97461	20.313	ug/L	98
60) Isopropylbenzene	12.459	105	1115812	22.235	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	147585	20.625	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	882870	22.131	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	799404	21.879	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	460008	21.801	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	463503	21.819	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	415805	21.945	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	32420	19.556	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	291344	20.101	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	237434	19.853	ug/L	94
71) Naphthalene	15.360	128	408029	19.142	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	205331	19.644	ug/L	100

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

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