

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
 Data File : VW026132.D
 Acq On : 08 Jun 2023 13:33
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025511

Quant Time: Jun 09 01:24:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 09 01:23:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	771890	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	704991	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	340751	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.375	65	280261	25.809	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.240%	
7) Chloroethane-d5	2.905	69	231631	28.495	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.000%	
11) 1,1-Dichloroethene-d2	4.021	65	134351	25.092	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 100.360%	
21) 2-Butanone-d5	7.075	46	171443	54.230	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 108.460%	
24) Chloroform-d	7.648	84	570525	25.240	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 100.960%	
26) 1,2-Dichloroethane-d4	8.307	65	306544	24.801	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 99.200%	
32) Benzene-d6	8.276	84	1149468	24.231	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 96.920%	
36) 1,2-Dichloropropane-d6	9.276	67	369908	24.613	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 98.440%	
41) Toluene-d8	10.319	98	1014641	24.118	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 96.480%	
43) trans-1,3-Dichloroprop...	10.575	79	135888	22.817	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 91.280%	
47) 2-Hexanone-d5	10.922	63	122581	51.728	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 103.460%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	278025	25.422	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 101.680%	
66) 1,2-Dichlorobenzene-d4	13.854	152	306141	23.473	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 93.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	247005	26.104	ug/L	99
3) Chloromethane	2.228	50	322920	26.615	ug/L	96
5) Vinyl chloride	2.381	62	350550	27.030	ug/L	98
6) Bromomethane	2.795	94	189720	26.834	ug/L	97
8) Chloroethane	2.942	64	206890	29.521	ug/L	96
9) Trichlorofluoromethane	3.271	101	217941	26.121	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	279439	26.542	ug/L	97
12) 1,1-Dichloroethene	4.045	96	261612	26.620	ug/L	88
13) Acetone	4.131	43	119445	48.829	ug/L	99
14) Carbon disulfide	4.393	76	872883	25.160	ug/L	100
15) Methyl Acetate	4.673	43	143042	26.054	ug/L	99
16) Methylene chloride	4.917	84	290833	23.607	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	275445	24.980	ug/L	91
18) Methyl tert-butyl Ether	5.423	73	418108	24.059	ug/L	100
19) 1,1-Dichloroethane	6.222	63	569207	25.356	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	300190	25.702	ug/L	97
22) 2-Butanone	7.173	43	182268	52.234	ug/L	98
23) Bromochloromethane	7.514	128	124276	24.949	ug/L	95
25) Chloroform	7.679	83	524592	25.090	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	362561	25.142	ug/L	100
29) Cyclohexane	7.959	56	528767	24.294	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	408707	23.889	ug/L	98
31) Carbon tetrachloride	8.069	117	378905	24.270	ug/L	94
33) Benzene	8.325	78	1192840	24.700	ug/L	100
34) Trichloroethene	9.093	95	296026	23.938	ug/L	99
35) Methylcyclohexane	9.331	83	528361	24.146	ug/L	99
37) 1,2-Dichloropropane	9.367	63	322937	24.688	ug/L	100
38) Bromodichloromethane	9.642	83	371451	24.442	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	474050	24.661	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	402110	52.141	ug/L	99
42) Toluene	10.386	91	1209469	24.485	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	389972	24.351	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	214323	24.861	ug/L	97
46) Tetrachloroethene	10.861	164	211779	24.212	ug/L	86
48) 2-Hexanone	10.965	43	276199	50.794	ug/L	99
49) Dibromochloromethane	11.123	129	222762	24.645	ug/L	94
50) 1,2-Dibromoethane	11.233	107	198069	24.813	ug/L	100
51) Chlorobenzene	11.654	112	736053	23.779	ug/L	99
52) Ethylbenzene	11.727	91	1380547	24.776	ug/L	97
53) m,p-Xylene	11.837	106	510706	24.637	ug/L	92
54) o-Xylene	12.160	106	479200	24.493	ug/L	98
55) Styrene	12.178	104	832781	24.811	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	260554	24.974	ug/L	97
59) Bromoform	12.343	173	126229	24.664	ug/L	100
60) Isopropylbenzene	12.464	105	1315054	24.567	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	188420	24.686	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1056744	24.833	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	982444	25.207	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	543871	24.164	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	549039	24.230	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	491690	24.328	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	42474	24.018	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	345017	22.316	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	276297	21.658	ug/L	95
71) Naphthalene	15.360	128	544543	23.949	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	248002	22.243	ug/L	99

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

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