

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060623\
 Data File : VW026106.D
 Acq On : 06 Jun 2023 09:07
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025506

Quant Time: Jun 07 01:04:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 01 01:27:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	684070	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	622806	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	313056	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	271183	28.179	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 112.720%	
7) Chloroethane-d5	2.893	69	218820	30.375	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 121.520%	
11) 1,1-Dichloroethene-d2	4.021	65	133179	28.066	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 112.280%#	
21) 2-Butanone-d5	7.075	46	145571	51.958	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 103.920%	
24) Chloroform-d	7.648	84	529395	26.427	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.720%	
26) 1,2-Dichloroethane-d4	8.301	65	283856	25.914	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 103.640%	
32) Benzene-d6	8.270	84	1087614	25.953	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 103.800%	
36) 1,2-Dichloropropane-d6	9.270	67	339783	25.592	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 102.360%	
41) Toluene-d8	10.319	98	944350	25.409	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 101.640%	
43) trans-1,3-Dichloroprop...	10.575	79	126239	23.994	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 95.960%	
47) 2-Hexanone-d5	10.922	63	103926	49.643	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 99.280%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	245951	25.457	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 101.840%	
66) 1,2-Dichlorobenzene-d4	13.848	152	279477	23.324	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 93.280%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	192542	22.960	ug/L	93
3) Chloromethane	2.222	50	278351	25.887	ug/L	98
5) Vinyl chloride	2.375	62	304890	26.527	ug/L	100
6) Bromomethane	2.789	94	162207	25.888	ug/L	100
8) Chloroethane	2.930	64	166501	26.808	ug/L	97
9) Trichlorofluoromethane	3.265	101	165216	22.344	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	241583	25.892	ug/L	92
12) 1,1-Dichloroethene	4.039	96	226447	26.000	ug/L	97
13) Acetone	4.118	43	123928	57.165	ug/L	97
14) Carbon disulfide	4.387	76	777055	25.273	ug/L	100
15) Methyl Acetate	4.667	43	118031	24.259	ug/L	100
16) Methylene chloride	4.917	84	236982	21.705	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	237793	24.334	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	333222	21.636	ug/L	99
19) 1,1-Dichloroethane	6.216	63	485107	24.384	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	250194	24.171	ug/L	98
22) 2-Butanone	7.167	43	167046	54.017	ug/L	98
23) Bromochloromethane	7.514	128	105942	23.999	ug/L	93
25) Chloroform	7.673	83	444377	23.982	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	305304	23.890	ug/L	100
29) Cyclohexane	7.959	56	466833	24.279	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	358547	23.723	ug/L	99
31) Carbon tetrachloride	8.069	117	336550	24.402	ug/L	98
33) Benzene	8.319	78	1026509	24.060	ug/L	100
34) Trichloroethene	9.093	95	255619	23.398	ug/L	95
35) Methylcyclohexane	9.337	83	473684	24.504	ug/L	100
37) 1,2-Dichloropropane	9.367	63	274014	23.712	ug/L	100
38) Bromodichloromethane	9.642	83	310808	23.151	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	401659	23.652	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	322251	47.300	ug/L	100
42) Toluene	10.386	91	1066308	24.435	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	326309	23.065	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	175784	23.081	ug/L	98
46) Tetrachloroethene	10.861	164	188549	24.401	ug/L	99
48) 2-Hexanone	10.965	43	242067	50.391	ug/L	97
49) Dibromochloromethane	11.123	129	189271	23.703	ug/L	94
50) 1,2-Dibromoethane	11.233	107	162006	22.974	ug/L	97
51) Chlorobenzene	11.654	112	638271	23.341	ug/L	97
52) Ethylbenzene	11.727	91	1198437	24.346	ug/L	97
53) m,p-Xylene	11.837	106	438675	23.955	ug/L	100
54) o-Xylene	12.166	106	412408	23.860	ug/L	96
55) Styrene	12.178	104	724796	24.443	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	216810	23.523	ug/L	96
59) Bromoform	12.349	173	103013	21.908	ug/L	100
60) Isopropylbenzene	12.458	105	1155762	23.501	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	154255	21.998	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	923197	23.614	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	848187	23.688	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	458415	22.169	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	482179	23.162	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	419727	22.604	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	34214	21.059	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	299781	21.105	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	241678	20.620	ug/L	98
71) Naphthalene	15.360	128	442596	21.188	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	218975	21.377	ug/L	98

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

