

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071923\
 Data File : VW026616.D
 Acq On : 19 Jul 2023 11:27
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025562

Quant Time: Jul 20 01:51:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 15 05:08:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	668348	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	587439	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	296159	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	213423	18.931	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.720%
7) Chloroethane-d5	2.899	69	166736	21.077	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.320%
11) 1,1-Dichloroethene-d2	4.021	65	104135	19.669	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.680%
21) 2-Butanone-d5	7.075	46	164566	45.167	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.340%
24) Chloroform-d	7.648	84	447067	23.234	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.920%
26) 1,2-Dichloroethane-d4	8.307	65	244147	22.724	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.880%
32) Benzene-d6	8.276	84	895103	22.197	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	9.276	67	280934	22.656	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.640%
41) Toluene-d8	10.325	98	780689	22.571	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.280%
43) trans-1,3-Dichloroprop...	10.575	79	112481	22.636	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.560%
47) 2-Hexanone-d5	10.922	63	114093	47.155	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.300%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	239297	22.789	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	235742	21.680	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	135383	17.957	ug/L	# 80
3) Chloromethane	2.222	50	234719	21.790	ug/L	97
5) Vinyl chloride	2.375	62	250333	22.051	ug/L	98
6) Bromomethane	2.789	94	136705	22.652	ug/L	98
8) Chloroethane	2.936	64	148856	23.449	ug/L	100
9) Trichlorofluoromethane	3.265	101	190255	22.626	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	208802	22.375	ug/L	97
12) 1,1-Dichloroethene	4.045	96	206377	23.050	ug/L	88
13) Acetone	4.125	43	188287	71.843	ug/L	98
14) Carbon disulfide	4.393	76	692039	22.049	ug/L	97
15) Methyl Acetate	4.667	43	139770	22.198	ug/L	100
16) Methylene chloride	4.917	84	258076	21.858	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	226737	23.685	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	360741	24.077	ug/L	100
19) 1,1-Dichloroethane	6.216	63	464603	24.274	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	247053	24.922	ug/L	99
22) 2-Butanone	7.167	43	226502	56.753	ug/L	99
23) Bromochloromethane	7.514	128	104277	24.557	ug/L	95
25) Chloroform	7.673	83	433322	24.710	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	305245	24.726	ug/L	99
29) Cyclohexane	7.953	56	433921	23.724	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	349494	24.274	ug/L	99
31) Carbon tetrachloride	8.069	117	315020	24.103	ug/L	98
33) Benzene	8.325	78	976752	24.131	ug/L	100
34) Trichloroethene	9.093	95	248745	23.924	ug/L	96
35) Methylcyclohexane	9.331	83	451543	24.187	ug/L	99
37) 1,2-Dichloropropane	9.368	63	264125	24.572	ug/L	99
38) Bromodichloromethane	9.642	83	303186	24.826	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	395073	25.529	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	381540	47.028	ug/L	100
42) Toluene	10.386	91	1014444	24.818	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	333075	25.520	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	183505	24.461	ug/L	98
46) Tetrachloroethene	10.861	164	183854	24.909	ug/L	86
48) 2-Hexanone	10.965	43	300006	52.986	ug/L	99
49) Dibromochloromethane	11.129	129	182146	24.520	ug/L	91
50) 1,2-Dibromoethane	11.233	107	170143	24.059	ug/L	99
51) Chlorobenzene	11.654	112	612992	24.459	ug/L	99
52) Ethylbenzene	11.727	91	1136013	24.963	ug/L	99
53) m,p-Xylene	11.837	106	424988	25.670	ug/L	96
54) o-Xylene	12.166	106	392605	25.265	ug/L	99
55) Styrene	12.178	104	676478	25.809	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	236539	24.025	ug/L	96
59) Bromoform	12.349	173	112309	23.977	ug/L	98
60) Isopropylbenzene	12.458	105	1110019	24.225	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	173671	21.711	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	890165	25.328	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	874397	25.094	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	472607	24.580	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	462668	24.128	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	406786	23.905	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.482	75	39812	20.911	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.623	180	300015	23.579	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	249598	23.904	ug/L	97
71) Naphthalene	15.360	128	564688	23.881	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	236885	24.098	ug/L	95

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

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