

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062023\
 Data File : VW026258.D
 Acq On : 20 Jun 2023 09:34
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025525

Quant Time: Jun 21 01:06:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 23:58:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	703327	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	637826	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	325101	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	184125	18.609	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.440%
7) Chloroethane-d5	2.893	69	173555	23.432	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.720%
11) 1,1-Dichloroethene-d2	4.014	65	96166	19.711	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.840%
21) 2-Butanone-d5	7.075	46	164216	57.008	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.020%
24) Chloroform-d	7.648	84	480168	23.314	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.240%
26) 1,2-Dichloroethane-d4	8.300	65	264806	23.513	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.040%
32) Benzene-d6	8.276	84	916536	21.355	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.440%
36) 1,2-Dichloropropane-d6	9.270	67	307316	22.602	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.400%
41) Toluene-d8	10.318	98	790702	20.774	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.080%
43) trans-1,3-Dichloroprop...	10.574	79	109523	20.327	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.320%
47) 2-Hexanone-d5	10.922	63	114222	53.276	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.560%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	254783	25.750	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	262090	21.062	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	167542	19.432	ug/L	97
3) Chloromethane	2.222	50	228613	20.679	ug/L	95
5) Vinyl chloride	2.375	62	258628	21.886	ug/L	97
6) Bromomethane	2.789	94	141962	22.037	ug/L	99
8) Chloroethane	2.929	64	156080	24.442	ug/L	97
9) Trichlorofluoromethane	3.265	101	176143	23.169	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	211705	22.069	ug/L	98
12) 1,1-Dichloroethene	4.045	96	193553	21.614	ug/L #	75
13) Acetone	4.118	43	115479	51.809	ug/L	98
14) Carbon disulfide	4.386	76	597697	18.907	ug/L	99
15) Methyl Acetate	4.667	43	119144	23.817	ug/L	97
16) Methylene chloride	4.917	84	217649	19.389	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	208595	20.762	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	336777	21.268	ug/L	99
19) 1,1-Dichloroethane	6.209	63	451912	22.094	ug/L	99
20) cis-1,2-Dichloroethene	7.166	96	235021	22.084	ug/L	98
22) 2-Butanone	7.166	43	158721	49.920	ug/L	98
23) Bromochloromethane	7.514	128	96048	21.162	ug/L	93
25) Chloroform	7.672	83	416674	21.871	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	291652	22.197	ug/L	97
29) Cyclohexane	7.953	56	393301	19.973	ug/L	100
30) 1,1,1-Trichloroethane	7.867	97	332910	21.508	ug/L	98
31) Carbon tetrachloride	8.069	117	298867	21.159	ug/L	100
33) Benzene	8.319	78	941560	21.549	ug/L	100
34) Trichloroethene	9.087	95	231483	20.690	ug/L	96
35) Methylcyclohexane	9.331	83	407358	20.576	ug/L	99
37) 1,2-Dichloropropane	9.367	63	260836	22.040	ug/L	100
38) Bromodichloromethane	9.642	83	295338	21.480	ug/L	94
39) cis-1,3-Dichloropropene	10.074	75	380030	21.852	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	327174	46.892	ug/L	99
42) Toluene	10.385	91	971083	21.729	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	314321	21.694	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	169788	21.769	ug/L	99
46) Tetrachloroethene	10.861	164	161134	20.362	ug/L	91
48) 2-Hexanone	10.964	43	231932	47.144	ug/L	98
49) Dibromochloromethane	11.129	129	178050	21.773	ug/L	95
50) 1,2-Dibromoethane	11.233	107	155553	21.539	ug/L	97
51) Chlorobenzene	11.653	112	594449	21.227	ug/L	99
52) Ethylbenzene	11.727	91	1085197	21.526	ug/L	99
53) m,p-Xylene	11.836	106	403973	21.540	ug/L	98
54) o-Xylene	12.165	106	379894	21.462	ug/L	97
55) Styrene	12.178	104	669060	22.032	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	212698	22.533	ug/L	95
59) Bromoform	12.348	173	99931	20.465	ug/L	99
60) Isopropylbenzene	12.458	105	1064234	20.838	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	154950	21.278	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	839356	20.674	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	789104	21.221	ug/L	98
64) 1,3-Dichlorobenzene	13.494	146	436904	20.346	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	447392	20.694	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	399752	20.731	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	33289	19.731	ug/L	85
69) 1,3,5-Trichlorobenzene	14.622	180	292705	19.843	ug/L	98
70) 1,2,4-trichlorobenzene	15.128	180	234542	19.270	ug/L	94
71) Naphthalene	15.360	128	444719	20.500	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	209265	19.673	ug/L	99

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

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