

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
 Data File : VW026154.D
 Acq On : 09 Jun 2023 00:18
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025512

Quant Time: Jun 09 01:41:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 09 01:33:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	757101	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	681703	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	323404	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	245085	23.011	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.040%
7) Chloroethane-d5	2.899	69	211021	26.467	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.880%
11) 1,1-Dichloroethene-d2	4.027	65	124648	23.734	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.920%
21) 2-Butanone-d5	7.075	46	170439	54.966	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.940%
24) Chloroform-d	7.648	84	527962	23.813	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.240%
26) 1,2-Dichloroethane-d4	8.307	65	288905	23.831	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.320%
32) Benzene-d6	8.276	84	1044986	22.781	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.120%
36) 1,2-Dichloropropane-d6	9.276	67	325290	22.384	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.520%
41) Toluene-d8	10.325	98	917460	22.553	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	10.575	79	122555	21.282	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.120%
47) 2-Hexanone-d5	10.922	63	118869	51.875	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.760%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	253333	23.956	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	281902	22.773	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	205490	22.141	ug/L	99
3) Chloromethane	2.223	50	284942	23.944	ug/L	97
5) Vinyl chloride	2.375	62	303497	23.859	ug/L	97
6) Bromomethane	2.789	94	167972	24.222	ug/L	99
8) Chloroethane	2.936	64	180260	26.223	ug/L	97
9) Trichlorofluoromethane	3.265	101	196344	23.992	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	237672	23.016	ug/L	100
12) 1,1-Dichloroethene	4.051	96	226399	23.487	ug/L	82
13) Acetone	4.119	43	105036	43.777	ug/L	97
14) Carbon disulfide	4.393	76	733254	21.548	ug/L	100
15) Methyl Acetate	4.667	43	130881	24.305	ug/L	99
16) Methylene chloride	4.917	84	257248	21.289	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	245244	22.676	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	409289	24.011	ug/L	98
19) 1,1-Dichloroethane	6.216	63	502051	22.802	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	263706	23.019	ug/L	97
22) 2-Butanone	7.173	43	168389	49.199	ug/L	99
23) Bromochloromethane	7.514	128	107190	21.940	ug/L	93
25) Chloroform	7.679	83	473317	23.080	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	333623	23.588	ug/L	97
29) Cyclohexane	7.959	56	482065	22.905	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	384439	23.239	ug/L	99
31) Carbon tetrachloride	8.069	117	347198	22.999	ug/L	99
33) Benzene	8.325	78	1032951	22.119	ug/L	100
34) Trichloroethene	9.093	95	268561	22.459	ug/L	94
35) Methylcyclohexane	9.331	83	491969	23.251	ug/L	99
37) 1,2-Dichloropropane	9.368	63	281471	22.253	ug/L	100
38) Bromodichloromethane	9.642	83	330801	22.511	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	405340	21.807	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	373780	50.123	ug/L	99
42) Toluene	10.386	91	1083556	22.685	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	343245	22.166	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	187993	22.551	ug/L	98
46) Tetrachloroethene	10.861	164	180270	21.314	ug/L	95
48) 2-Hexanone	10.965	43	258428	49.149	ug/L	98
49) Dibromochloromethane	11.129	129	191696	21.933	ug/L	99
50) 1,2-Dibromoethane	11.233	107	171935	22.275	ug/L	100
51) Chlorobenzene	11.654	112	654823	21.878	ug/L	93
52) Ethylbenzene	11.727	91	1243160	23.072	ug/L	98
53) m,p-Xylene	11.837	106	453401	22.620	ug/L	99
54) o-Xylene	12.160	106	432009	22.835	ug/L	95
55) Styrene	12.178	104	731764	22.546	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	231389	22.936	ug/L	98
59) Bromoform	12.349	173	104422	21.497	ug/L	97
60) Isopropylbenzene	12.458	105	1200878	23.637	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	168463	23.255	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	988881	24.485	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	889463	24.046	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	482296	22.578	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	481491	22.388	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	436290	22.745	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	39090	23.290	ug/L	90
69) 1,3,5-Trichlorobenzene	14.629	180	310447	21.157	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	275425	22.747	ug/L	92
71) Naphthalene	15.360	128	535271	24.804	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	229616	21.699	ug/L	97

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

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