

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052223\
 Data File : VW026017.D
 Acq On : 22 May 2023 08:19
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025495

Quant Time: May 23 01:20:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 20 04:57:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	601130	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	530114	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	275817	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	169478	19.895	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.600%
7) Chloroethane-d5	2.893	69	149867	23.731	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.920%
11) 1,1-Dichloroethene-d2	4.015	65	88696	20.794	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.160%
21) 2-Butanone-d5	7.075	46	147089	52.232	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.460%
24) Chloroform-d	7.642	84	439839	25.375	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.480%
26) 1,2-Dichloroethane-d4	8.301	65	238429	24.325	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.320%
32) Benzene-d6	8.270	84	840404	24.262	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.040%
36) 1,2-Dichloropropane-d6	9.270	67	279783	25.245	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.960%
41) Toluene-d8	10.319	98	734225	23.771	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.080%
43) trans-1,3-Dichloroprop...	10.575	79	104951	23.362	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.440%
47) 2-Hexanone-d5	10.922	63	104015	55.039	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.080%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	235577	27.888	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	238185	23.689	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	168320	25.063	ug/L	93
3) Chloromethane	2.222	50	214615	21.673	ug/L	97
5) Vinyl chloride	2.375	62	231357	22.573	ug/L	99
6) Bromomethane	2.789	94	128993	23.139	ug/L	96
8) Chloroethane	2.936	64	142759	24.495	ug/L	99
9) Trichlorofluoromethane	3.259	101	166909	21.578	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	203613	24.204	ug/L #	72
12) 1,1-Dichloroethene	4.039	96	185819	23.113	ug/L	96
13) Acetone	4.118	43	118522	47.465	ug/L	99
14) Carbon disulfide	4.387	76	568213	20.899	ug/L	100
15) Methyl Acetate	4.667	43	112529	22.868	ug/L	100
16) Methylene chloride	4.911	84	211172	17.034	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	199446	22.741	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	299740	22.518	ug/L	99
19) 1,1-Dichloroethane	6.210	63	434236	24.098	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	216604	23.020	ug/L	95
22) 2-Butanone	7.167	43	159850	46.361	ug/L	99
23) Bromochloromethane	7.514	128	93640	23.491	ug/L	94
25) Chloroform	7.673	83	402116	24.280	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	272786	23.193	ug/L	100
29) Cyclohexane	7.953	56	376072	22.892	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	321878	24.828	ug/L	99
31) Carbon tetrachloride	8.063	117	291389	24.975	ug/L	98
33) Benzene	8.319	78	896900	24.455	ug/L	100
34) Trichloroethene	9.093	95	224983	23.906	ug/L	94
35) Methylcyclohexane	9.331	83	392632	23.456	ug/L	99
37) 1,2-Dichloropropane	9.368	63	247404	24.621	ug/L	100
38) Bromodichloromethane	9.642	83	281391	24.409	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	351677	23.866	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	310188	47.426	ug/L	100
42) Toluene	10.386	91	929518	24.804	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	297414	24.358	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	163814	24.371	ug/L	98
46) Tetrachloroethene	10.861	164	159521	24.093	ug/L	90
48) 2-Hexanone	10.965	43	235469	50.254	ug/L	99
49) Dibromochloromethane	11.129	129	173092	24.874	ug/L	93
50) 1,2-Dibromoethane	11.233	107	145316	23.451	ug/L	99
51) Chlorobenzene	11.654	112	572249	24.650	ug/L	94
52) Ethylbenzene	11.727	91	1051963	24.955	ug/L	100
53) m,p-Xylene	11.837	106	391515	25.235	ug/L	93
54) o-Xylene	12.166	106	364218	24.906	ug/L	96
55) Styrene	12.178	104	646457	25.828	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	205083	24.452	ug/L	98
59) Bromoform	12.349	173	96514	23.624	ug/L	100
60) Isopropylbenzene	12.458	105	1027262	24.502	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	147349	22.605	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	818643	24.653	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	738386	24.096	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	426511	23.632	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	423704	23.237	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	373912	23.230	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	32991	21.826	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	279176	23.303	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	223225	22.241	ug/L	98
71) Naphthalene	15.360	128	423618	22.362	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	200776	22.545	ug/L	98

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

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