

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051923\
 Data File : VW025997.D
 Acq On : 19 May 2023 09:39
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025493

Quant Time: May 20 04:52:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 19 04:36:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	597409	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	539725	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	272475	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	166869	19.711	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.840%
7) Chloroethane-d5	2.893	69	145804	23.231	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.920%
11) 1,1-Dichloroethene-d2	4.021	65	83953	19.805	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.200%
21) 2-Butanone-d5	7.069	46	127091	45.411	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.820%
24) Chloroform-d	7.642	84	415881	24.142	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.560%
26) 1,2-Dichloroethane-d4	8.301	65	218908	22.473	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.880%
32) Benzene-d6	8.270	84	800741	22.705	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.840%
36) 1,2-Dichloropropane-d6	9.270	67	259817	23.026	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.120%
41) Toluene-d8	10.319	98	698550	22.213	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.840%
43) trans-1,3-Dichloroprop...	10.575	79	98386	21.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.040%
47) 2-Hexanone-d5	10.922	63	90528	47.050	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.100%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	212334	24.689	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.760%
66) 1,2-Dichlorobenzene-d4	13.855	152	225223	22.675	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	180512	27.046	ug/L	89
3) Chloromethane	2.222	50	238612	24.247	ug/L	98
5) Vinyl chloride	2.369	62	260411	25.566	ug/L	100
6) Bromomethane	2.783	94	142092	25.648	ug/L	99
8) Chloroethane	2.930	64	153741	26.544	ug/L	99
9) Trichlorofluoromethane	3.265	101	183172	23.828	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	225345	26.955	ug/L	99
12) 1,1-Dichloroethene	4.039	96	205585	25.731	ug/L	95
13) Acetone	4.112	43	108858	43.866	ug/L	97
14) Carbon disulfide	4.387	76	627402	23.220	ug/L	99
15) Methyl Acetate	4.661	43	113174	23.143	ug/L	100
16) Methylene chloride	4.917	84	241290	19.585	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	219247	25.154	ug/L	97
18) Methyl tert-butyl Ether	5.417	73	321309	24.288	ug/L	100
19) 1,1-Dichloroethane	6.210	63	471653	26.338	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	238416	25.496	ug/L	99
22) 2-Butanone	7.167	43	149861	43.735	ug/L	99
23) Bromochloromethane	7.508	128	102205	25.799	ug/L	97
25) Chloroform	7.673	83	440010	26.734	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	292509	25.024	ug/L	100
29) Cyclohexane	7.959	56	416759	24.917	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	350851	26.581	ug/L	99
31) Carbon tetrachloride	8.063	117	310231	26.116	ug/L	99
33) Benzene	8.319	78	976961	26.163	ug/L	100
34) Trichloroethene	9.093	95	243964	25.461	ug/L	97
35) Methylcyclohexane	9.331	83	429538	25.204	ug/L	99
37) 1,2-Dichloropropane	9.368	63	269628	26.355	ug/L	100
38) Bromodichloromethane	9.642	83	309011	26.328	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	376085	25.068	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	314753	47.267	ug/L	100
42) Toluene	10.386	91	1016686	26.647	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	318838	25.648	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	170358	24.893	ug/L	96
46) Tetrachloroethene	10.861	164	179134	26.574	ug/L	89
48) 2-Hexanone	10.965	43	222753	46.694	ug/L	98
49) Dibromochloromethane	11.123	129	186717	26.354	ug/L	91
50) 1,2-Dibromoethane	11.233	107	154144	24.433	ug/L	96
51) Chlorobenzene	11.654	112	618424	26.164	ug/L	96
52) Ethylbenzene	11.727	91	1153597	26.879	ug/L	97
53) m,p-Xylene	11.837	106	425859	26.960	ug/L	98
54) o-Xylene	12.160	106	400870	26.924	ug/L	93
55) Styrene	12.178	104	699538	27.451	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	210991	24.709	ug/L	99
59) Bromoform	12.343	173	100423	24.882	ug/L	98
60) Isopropylbenzene	12.458	105	1131078	27.309	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	153632	23.858	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	893931	27.250	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	825201	27.260	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	467906	26.243	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	466513	25.899	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	411797	25.898	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	32872	22.014	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	293541	24.803	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	241023	24.309	ug/L	100
71) Naphthalene	15.360	128	425308	22.727	ug/L	98
72) 1,2,3-Trichlorobenzene	15.543	180	212883	24.198	ug/L	99

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

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