

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050223\
 Data File : VW025809.D
 Acq On : 02 May 2023 19:02
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025591

Quant Time: May 03 01:25:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 03 01:20:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	595723	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	541444	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	279183	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	229366	27.170	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.680%	
7) Chloroethane-d5	2.899	69	169710	27.117	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.480%	
11) 1,1-Dichloroethene-d2	4.027	65	110466	26.133	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 104.520%	
21) 2-Butanone-d5	7.075	46	151854	54.413	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 108.820%	
24) Chloroform-d	7.648	84	463961	27.009	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 108.040%	
26) 1,2-Dichloroethane-d4	8.307	65	263629	27.140	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 108.560%	
32) Benzene-d6	8.276	84	958693	27.098	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 108.400%	
36) 1,2-Dichloropropane-d6	9.276	67	302727	26.743	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 106.960%	
41) Toluene-d8	10.325	98	857420	27.178	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 108.720%	
43) trans-1,3-Dichloroprop...	10.575	79	115915	25.262	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 101.040%	
47) 2-Hexanone-d5	10.922	63	109452	56.704	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 113.400%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	239713	27.784	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 111.120%	
66) 1,2-Dichlorobenzene-d4	13.848	152	262095	25.753	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 103.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	162965	24.486	ug/L	97
3) Chloromethane	2.222	50	247376	25.208	ug/L	99
5) Vinyl chloride	2.381	62	250274	24.640	ug/L	98
6) Bromomethane	2.789	94	135043	24.445	ug/L	98
8) Chloroethane	2.936	64	144469	25.014	ug/L	99
9) Trichlorofluoromethane	3.265	101	160372	20.922	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	198081	23.760	ug/L	97
12) 1,1-Dichloroethene	4.051	96	192903	24.212	ug/L	97
13) Acetone	4.118	43	102119	41.267	ug/L	100
14) Carbon disulfide	4.393	76	647574	24.035	ug/L	100
15) Methyl Acetate	4.673	43	125385	25.712	ug/L	100
16) Methylene chloride	4.923	84	221646	18.041	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	212977	24.504	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	328299	24.887	ug/L	100
19) 1,1-Dichloroethane	6.216	63	441172	24.705	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	230135	24.680	ug/L	94
22) 2-Butanone	7.173	43	162953	47.690	ug/L	100
23) Bromochloromethane	7.514	128	97763	24.748	ug/L	98
25) Chloroform	7.679	83	416766	25.393	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	293849	25.210	ug/L	97
29) Cyclohexane	7.953	56	397845	23.711	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	312362	23.589	ug/L	99
31) Carbon tetrachloride	8.069	117	280782	23.562	ug/L	99
33) Benzene	8.325	78	926058	24.721	ug/L	100
34) Trichloroethene	9.093	95	230198	23.948	ug/L	98
35) Methylcyclohexane	9.337	83	400838	23.446	ug/L	99
37) 1,2-Dichloropropane	9.367	63	255737	24.918	ug/L	100
38) Bromodichloromethane	9.642	83	292250	24.821	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	361051	23.989	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	353613	52.934	ug/L	99
42) Toluene	10.386	91	960154	25.085	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	303068	24.302	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	171259	24.946	ug/L	94
46) Tetrachloroethene	10.861	164	160359	23.713	ug/L	96
48) 2-Hexanone	10.965	43	244386	51.066	ug/L	99
49) Dibromochloromethane	11.129	129	175021	24.625	ug/L	94
50) 1,2-Dibromoethane	11.233	107	159244	25.161	ug/L	100
51) Chlorobenzene	11.654	112	595845	25.129	ug/L	94
52) Ethylbenzene	11.727	91	1075484	24.979	ug/L	98
53) m,p-Xylene	11.836	106	394609	24.902	ug/L	99
54) o-Xylene	12.160	106	376800	25.227	ug/L	92
55) Styrene	12.178	104	660877	25.851	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	218777	25.539	ug/L	98
59) Bromoform	12.349	173	97047	23.468	ug/L	96
60) Isopropylbenzene	12.464	105	1019682	24.028	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	162193	24.582	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	817172	24.312	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	768321	24.771	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	424857	23.256	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	429534	23.273	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	382987	23.507	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	35307	23.076	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	275288	22.701	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	230894	22.728	ug/L	100
71) Naphthalene	15.360	128	476522	24.852	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	217554	24.135	ug/L	96

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

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