

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053123\
 Data File : VW026104.D
 Acq On : 31 May 2023 17:36
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025505

Quant Time: Jun 01 01:29:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 01 01:27:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	606668	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	546414	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	274358	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	230634	27.024	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.080%	
7) Chloroethane-d5	2.893	69	185543	29.042	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 116.160%	
11) 1,1-Dichloroethene-d2	4.021	65	111639	26.528	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 106.120%	
21) 2-Butanone-d5	7.075	46	150711	60.655	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 121.320%	
24) Chloroform-d	7.648	84	448496	25.245	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 101.000%	
26) 1,2-Dichloroethane-d4	8.307	65	247834	25.512	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 102.040%	
32) Benzene-d6	8.270	84	910199	24.756	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 99.040%	
36) 1,2-Dichloropropane-d6	9.270	67	289750	24.875	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 99.480%	
41) Toluene-d8	10.318	98	807103	24.753	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 99.000%	
43) trans-1,3-Dichloroprop...	10.575	79	111241	24.100	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 96.400%	
47) 2-Hexanone-d5	10.922	63	108608	59.133	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 118.260%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	232685	27.451	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 109.800%	
66) 1,2-Dichlorobenzene-d4	13.848	152	242531	23.095	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 92.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	198481	26.688	ug/L	94
3) Chloromethane	2.222	50	261122	27.383	ug/L	98
5) Vinyl chloride	2.375	62	276383	27.115	ug/L	100
6) Bromomethane	2.789	94	145632	26.208	ug/L	98
8) Chloroethane	2.930	64	156082	28.336	ug/L	98
9) Trichlorofluoromethane	3.265	101	172475	26.301	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	221899	26.817	ug/L	91
12) 1,1-Dichloroethene	4.045	96	205339	26.584	ug/L	91
13) Acetone	4.118	43	120359	62.602	ug/L	100
14) Carbon disulfide	4.393	76	710082	26.041	ug/L	100
15) Methyl Acetate	4.667	43	128361	29.748	ug/L	100
16) Methylene chloride	4.923	84	236737	24.449	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	219148	25.287	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	330670	24.209	ug/L	99
19) 1,1-Dichloroethane	6.216	63	439169	24.892	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	232508	25.328	ug/L	96
22) 2-Butanone	7.167	43	170650	62.223	ug/L	98
23) Bromochloromethane	7.514	128	97050	24.790	ug/L	93
25) Chloroform	7.673	83	408326	24.848	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	292138	25.776	ug/L	98
29) Cyclohexane	7.959	56	432809	25.656	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	321342	24.234	ug/L	98
31) Carbon tetrachloride	8.069	117	299111	24.719	ug/L	99
33) Benzene	8.325	78	929917	24.843	ug/L	100
34) Trichloroethene	9.093	95	234114	24.426	ug/L	95
35) Methylcyclohexane	9.331	83	437798	25.813	ug/L	100
37) 1,2-Dichloropropane	9.367	63	252603	24.915	ug/L	100
38) Bromodichloromethane	9.642	83	286122	24.292	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	370673	24.879	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	354804	59.359	ug/L	99
42) Toluene	10.386	91	965435	25.217	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	316564	25.504	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	174004	26.041	ug/L	98
46) Tetrachloroethene	10.861	164	169501	25.002	ug/L	97
48) 2-Hexanone	10.965	43	260990	61.926	ug/L	99
49) Dibromochloromethane	11.123	129	179263	25.589	ug/L	92
50) 1,2-Dibromoethane	11.233	107	163331	26.400	ug/L	99
51) Chlorobenzene	11.654	112	588922	24.548	ug/L	99
52) Ethylbenzene	11.727	91	1091948	25.284	ug/L	99
53) m,p-Xylene	11.836	106	408919	25.452	ug/L	96
54) o-Xylene	12.166	106	380953	25.122	ug/L	98
55) Styrene	12.178	104	659997	25.369	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	222314	27.492	ug/L	99
59) Bromoform	12.349	173	100285	24.336	ug/L	99
60) Isopropylbenzene	12.458	105	1054080	24.457	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	164148	26.710	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	847283	24.729	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	774356	24.676	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	424368	23.418	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	454992	24.938	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	389332	23.925	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	37153	26.094	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	280607	22.542	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	231848	22.571	ug/L	96
71) Naphthalene	15.360	128	482885	26.377	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	223440	24.890	ug/L	94

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

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