

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110323\
 Data File : VW027526.D
 Acq On : 03 Nov 2023 08:50
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025550

Quant Time: Nov 04 00:12:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 02 22:07:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	343150	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	317443	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	174220	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	121177	23.139	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.560%
7) Chloroethane-d5	2.899	69	102647	27.297	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.200%
11) 1,1-Dichloroethene-d2	4.027	65	64280	24.496	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.000%
21) 2-Butanone-d5	7.081	46	82673	47.495	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.000%
24) Chloroform-d	7.648	84	284668	27.834	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.320%
26) 1,2-Dichloroethane-d4	8.307	65	145000	26.392	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.560%
32) Benzene-d6	8.276	84	570438	26.560	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.240%
36) 1,2-Dichloropropane-d6	9.276	67	180850	27.569	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.280%
41) Toluene-d8	10.325	98	489816	25.150	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	10.581	79	66318	22.173	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.680%
47) 2-Hexanone-d5	10.922	63	63134	46.517	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	132442	27.060	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.240%
66) 1,2-Dichlorobenzene-d4	13.849	152	159664	25.290	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	98778	24.193	ug/L #	86
3) Chloromethane	2.223	50	114573	24.418	ug/L	97
5) Vinyl chloride	2.375	62	139325	26.583	ug/L	98
6) Bromomethane	2.796	94	72866	24.408	ug/L	93
8) Chloroethane	2.936	64	82605	27.380	ug/L	100
9) Trichlorofluoromethane	3.271	101	126293	34.155	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	127144	27.460	ug/L	98
12) 1,1-Dichloroethene	4.045	96	115696	25.712	ug/L	92
13) Acetone	4.137	43	73412	48.830	ug/L	99
14) Carbon disulfide	4.393	76	286827	20.562	ug/L	100
15) Methyl Acetate	4.679	43	62904	24.497	ug/L	97
16) Methylene chloride	4.923	84	131533	20.940	ug/L	93
17) trans-1,2-Dichloroethene	5.435	96	121531	25.131	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	219355	26.291	ug/L	99
19) 1,1-Dichloroethane	6.222	63	271658	27.533	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	144282	26.419	ug/L	97
22) 2-Butanone	7.179	43	96351	42.817	ug/L	99
23) Bromochloromethane	7.520	128	59434	26.360	ug/L	96
25) Chloroform	7.679	83	266410	28.850	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	166583	26.556	ug/L	99
29) Cyclohexane	7.959	56	229522	23.813	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	212632	27.460	ug/L	98
31) Carbon tetrachloride	8.075	117	180671	25.876	ug/L	97
33) Benzene	8.325	78	555463	26.774	ug/L	100
34) Trichloroethene	9.093	95	143759	26.233	ug/L	97
35) Methylcyclohexane	9.337	83	236727	24.156	ug/L	99
37) 1,2-Dichloropropane	9.368	63	157188	28.022	ug/L	99
38) Bromodichloromethane	9.648	83	185858	26.945	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	231855	25.022	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	194670	50.463	ug/L	98
42) Toluene	10.386	91	587412	26.991	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	189823	24.278	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	103733	26.873	ug/L	95
46) Tetrachloroethene	10.861	164	98554	26.045	ug/L	94
48) 2-Hexanone	10.971	43	141485	49.552	ug/L	98
49) Dibromochloromethane	11.129	129	108743	25.366	ug/L	95
50) 1,2-Dibromoethane	11.233	107	92217	24.640	ug/L #	97
51) Chlorobenzene	11.654	112	367622	26.975	ug/L	97
52) Ethylbenzene	11.727	91	689752	27.273	ug/L	98
53) m,p-Xylene	11.837	106	251933	26.264	ug/L	97
54) o-Xylene	12.166	106	244454	26.613	ug/L	98
55) Styrene	12.178	104	421521	26.869	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	129448	27.471	ug/L	95
59) Bromoform	12.349	173	55022	21.224	ug/L	98
60) Isopropylbenzene	12.465	105	693059	25.323	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	93003	24.448	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	563630	24.689	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	550292	24.636	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	287914	25.942	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	281740	25.419	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	247833	25.165	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	18891	19.870	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	190146	26.392	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	147699	24.086	ug/L	98
71) Naphthalene	15.360	128	286352	22.707	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	129942	25.769	ug/L	90

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

