

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
 Data File : VW020093.D
 Acq On : 21 Sep 2021 15:29
 Operator : SY/VA
 Sample : M3813-05MS
 Misc : 4.41g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB6TOMS

Quant Time: Sep 22 05:08:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 22 05:02:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	390027	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	363267	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	187422	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	151432	18.979	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.920%
7) Chloroethane-d5	2.879	69	129892	21.609	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.440%
11) 1,1-Dichloroethene-d2	4.025	63	260519	20.853	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.400%
21) 2-Butanone-d5	7.080	46	74051	60.141	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.280%
24) Chloroform-d	7.653	84	275955	22.497	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	8.305	65	162070	24.550	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	8.275	84	529281	22.838	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.360%
36) 1,2-Dichloropropane-d6	9.274	67	155607	23.200	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.800%
41) Toluene-d8	10.329	98	495499	23.497	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	10.579	79	75493	26.334	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.320%
47) 2-Hexanone-d5	10.926	63	62836	67.697	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.400%#
56) 1,1,2,2-Tetrachloroeth...	12.694	84	147695	28.547	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	165510	23.551	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	88322	25.854	ug/L	92
3) Chloromethane	2.221	50	115816	24.518	ug/L	99
5) Vinyl chloride	2.373	62	165963	22.374	ug/L	99
6) Bromomethane	2.776	94	68840	14.356	ug/L	98
8) Chloroethane	2.916	64	110490	24.633	ug/L	98
9) Trichlorofluoromethane	3.257	101	122905	23.551	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	127123	22.282	ug/L	98
12) 1,1-Dichloroethene	4.044	96	118265	22.865	ug/L	93
13) Acetone	4.129	43	59845	56.750	ug/L	99
14) Carbon disulfide	4.385	76	368681	22.666	ug/L	99
15) Methyl Acetate	4.678	43	120796	59.901	ug/L	100
16) Methylene chloride	4.921	84	151084	21.953	ug/L	94
17) trans-1,2-Dichloroethene	5.427	96	127604	23.418	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	177244	27.401	ug/L	100
19) 1,1-Dichloroethane	6.220	63	237953	23.676	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	135488	24.449	ug/L	97
22) 2-Butanone	7.177	43	76063	55.597	ug/L	98
23) Bromochloromethane	7.519	128	64984	25.869	ug/L	94
25) Chloroform	7.677	83	248700	23.663	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	179702	25.982	ug/L	100
29) Cyclohexane	7.957	56	192689	23.838	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	203825	22.643	ug/L	99
31) Carbon tetrachloride	8.073	117	189935	23.191	ug/L	98
33) Benzene	8.329	78	538943	24.583	ug/L	100
34) Trichloroethene	9.091	95	135316	23.057	ug/L	97
35) Methylcyclohexane	9.341	83	221484	23.162	ug/L	99
37) 1,2-Dichloropropane	9.372	63	134686	24.803	ug/L	99
38) Bromodichloromethane	9.646	83	182497	24.818	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	209624	26.173	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	179440	65.612	ug/L	100
42) Toluene	10.390	91	601534	25.826	ug/L	100
44) trans-1,3-Dichloropropene	10.609	75	199501	27.731	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	106661	26.788	ug/L	98
46) Tetrachloroethene	10.866	164	103787	22.880	ug/L	92
48) 2-Hexanone	10.969	43	128262	67.326	ug/L	99
49) Dibromochloromethane	11.128	129	121946	26.210	ug/L	98
50) 1,2-Dibromoethane	11.237	107	104619	27.919	ug/L	99
51) Chlorobenzene	11.658	112	360746	23.813	ug/L	99
52) Ethylbenzene	11.731	91	630444	24.575	ug/L	98
53) m,p-Xylene	11.841	106	242202	24.764	ug/L	98
54) o-Xylene	12.164	106	231129	25.547	ug/L	98
55) Styrene	12.182	104	405103	25.768	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	137490	28.910	ug/L	96
59) Bromoform	12.353	173	66562	26.048	ug/L	95
60) Isopropylbenzene	12.463	105	627143	24.956	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	103433	29.227	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	505423	24.507	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	517288	25.533	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	276582	23.999	ug/L	99
65) 1,4-Dichlorobenzene	13.578	146	286064	24.019	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	253931	24.193	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	23483	29.559	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	177438	22.260	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	140363	22.817	ug/L	90
71) Naphthalene	15.365	128	327563	30.191	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	132171	23.861	ug/L	98

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

