

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021619.D
 Acq On : 23 Dec 2021 18:17
 Operator : SY/VA
 Sample : M5174-11MSD
 Misc : 6.65g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBC20MSD

Quant Time: Dec 24 01:45:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	63283	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	41548	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	10787	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	32472	28.174	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 112.680%	
7) Chloroethane-d5	2.879	69	22464	29.483	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 117.920%	
11) 1,1-Dichloroethene-d2	4.019	63	45274	29.464	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 117.840%#	
21) 2-Butanone-d5	7.080	46	26229	161.445	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	= 322.900%#	
24) Chloroform-d	7.653	84	57429	32.564	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 130.240%	
26) 1,2-Dichloroethane-d4	8.305	65	37042	39.487	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 157.960%#	
32) Benzene-d6	8.274	84	95875	42.099	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 168.400%#	
36) 1,2-Dichloropropane-d6	9.274	67	30432	49.826	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 199.320%#	
41) Toluene-d8	10.323	98	76784	32.998	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 132.000%#	
43) trans-1,3-Dichloroprop...	10.579	79	13517	48.065	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 192.240%#	
47) 2-Hexanone-d5	10.920	63	19961	221.013	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 442.020%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	29486	56.159	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 224.640%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	10280	24.590	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 98.360%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	6861	28.060	ug/L	97
3) Chloromethane	2.215	50	21208	26.199	ug/L	98
5) Vinyl chloride	2.361	62	31258	24.597	ug/L	100
6) Bromomethane	2.775	94	17639	21.400	ug/L	84
8) Chloroethane	2.916	64	15145	25.869	ug/L	99
9) Trichlorofluoromethane	3.257	101	17507	26.110	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	22671	25.944	ug/L	92
12) 1,1-Dichloroethene	4.037	96	21657	27.609	ug/L	82
13) Acetone	4.123	43	20148	138.337	ug/L	95
14) Carbon disulfide	4.385	76	41358	20.416	ug/L	99
15) Methyl Acetate	4.671	43	16659	66.291	ug/L	# 87
16) Methylene chloride	4.915	84	27432	26.234	ug/L	84
17) trans-1,2-Dichloroethene	5.427	96	22211	26.151	ug/L	83
18) Methyl tert-butyl Ether	5.421	73	53655	45.741	ug/L	95
19) 1,1-Dichloroethane	6.220	63	41278	30.971	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	25511	28.477	ug/L	73
22) 2-Butanone	7.177	43	25189	132.433	ug/L	90
23) Bromochloromethane	7.512	128	14219	33.946	ug/L	# 62
25) Chloroform	7.677	83	47739	30.856	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	37245	38.014	ug/L #	94
29) Cyclohexane	7.951	56	23844	28.833	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	37836	40.587	ug/L	95
31) Carbon tetrachloride	8.073	117	30939	35.977	ug/L	97
33) Benzene	8.323	78	95775	42.316	ug/L	100
34) Trichloroethene	9.091	95	31391	49.407	ug/L	95
35) Methylcyclohexane	9.335	83	21241	20.267	ug/L #	83
37) 1,2-Dichloropropane	9.366	63	22118	43.811	ug/L #	96
38) Bromodichloromethane	9.646	83	32511	46.836	ug/L #	94
39) cis-1,3-Dichloropropene	10.073	75	33315	41.862	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	50675	184.218	ug/L #	90
42) Toluene	10.390	91	85968	32.476	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	31096	44.611	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	22735	55.020	ug/L	92
46) Tetrachloroethene	10.859	164	53119	88.010	ug/L	88
48) 2-Hexanone	10.969	43	34710	173.998	ug/L #	91
49) Dibromochloromethane	11.128	129	24053	47.218	ug/L	98
50) 1,2-Dibromoethane	11.237	107	22700	55.202	ug/L #	95
51) Chlorobenzene	11.658	112	37372	21.088	ug/L	91
52) Ethylbenzene	11.731	91	66349	21.934	ug/L	100
53) m,p-Xylene	11.835	106	24198	19.830	ug/L	96
54) o-Xylene	12.164	106	24621	21.260	ug/L	86
55) Styrene	12.182	104	29262	14.846	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	26123	55.149	ug/L #	98
59) Bromoform	12.353	173	13076	101.878	ug/L	95
60) Isopropylbenzene	12.463	105	58700	40.048	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	21395	136.281	ug/L	93
62) 1,3,5-Trimethylbenzene	12.938	105	37691	30.219	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	33238	27.014	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	13220	19.122	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	14016	20.405	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	13387	21.994	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	3375	104.225	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.627	180	5974	11.561	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	3625	8.722	ug/L	99
71) Naphthalene	15.365	128	8629	12.779	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	3468	10.096	ug/L	97

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

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