

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
 Data File : VW018909.D
 Acq On : 03 May 2021 19:21
 Operator : SY/VA
 Sample : M2209-20
 Misc : 4.80G/10ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG7F6

Quant Time: May 04 01:19:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 04 01:15:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	553387	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	374787	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	126503	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	163689	23.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.24%		
7) Chloroethane-d5	2.891	69	124917	22.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.84%		
11) 1,1-Dichloroethene-d2	4.025	63	247120	17.53	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	70.12%		
21) 2-Butanone-d5	7.086	46	67739	36.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	73.26%		
24) Chloroform-d	7.647	84	318609	21.94	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.76%		
26) 1,2-Dichloroethane-d4	8.305	65	171077	21.09	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.36%		
32) Benzene-d6	8.275	84	627985	29.65	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	118.60%		
36) 1,2-Dichloropropane-d6	9.274	67	178911	28.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	113.92%		
41) Toluene-d8	10.323	98	537675	27.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	108.88%		
43) trans-1,3-Dichloroprop...	10.579	79	62968	22.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.24%		
47) 2-Hexanone-d5	10.945	63	12852	11.43	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	22.86%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	104414	19.61	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	78.44%		
66) 1,2-Dichlorobenzene-d4	13.853	152	96444	22.25	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	89.00%		
Target Compounds						
5) Vinyl chloride	2.361	62	4761	0.59	ug/L #	1
12) 1,1-Dichloroethene	4.050	96	42562	5.94	ug/L #	8
13) Acetone	4.135	43	21444	15.14	ug/L	91
14) Carbon disulfide	4.391	76	240461	11.33	ug/L	97
16) Methylene chloride	4.922	84	32589	3.56	ug/L	92
18) Methyl tert-butyl Ether	5.428	73	48284	4.55	ug/L #	76
20) cis-1,2-Dichloroethene	7.171	96	44420	5.47	ug/L	95
33) Benzene	8.323	78	331463	14.77	ug/L	100
34) Trichloroethene	9.092	95	6152282	1027.67	ug/L	94
42) Toluene	10.390	91	19210	0.78	ug/L	95
46) Tetrachloroethene	10.860	164	19028528m	4226.86	ug/L	
53) m,p-Xylene	11.835	106	10181	1.00	ug/L	73
54) o-Xylene	12.164	106	5849	0.60	ug/L	85
60) Isopropylbenzene	12.463	105	5915m	0.33	ug/L	
62) 1,3,5-Trimethylbenzene	12.945	105	44494	2.95	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	133561	8.86	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	17287	2.25	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	23299	3.38	ug/L	94

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

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