

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018522.D
 Acq On : 31 Mar 2021 19:10
 Operator : SY/VA
 Sample : M1859-15
 Misc : 5.94G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG554

Manual Integrations
 APPROVED

MMDadoda
 4/6/2021 1:04:26 PM

Quant Time: Apr 01 02:08:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 01 02:04:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	477297	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	431933	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	187367	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	158404	23.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.40%		
7) Chloroethane-d5	2.891	69	129371	22.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.00%		
10) 1,1-Dichloroethene-d2	4.025	63	174019	15.17	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	60.68%		
20) 2-Butanone-d5	7.080	46	57950	39.19	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.38%		
24) Chloroform-d	7.647	84	244464	20.11	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	80.44%		
26) 1,2-Dichloroethane-d4	8.305	65	151983	21.42	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.68%		
29) Benzene-d6	8.281	84	487806	21.24	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	84.96%		
33) 1,2-Dichloropropane-d6	9.274	67	140194	21.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	84.68%		
37) Toluene-d8	10.323	98	460976	20.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.40%		
38) trans-1,3-Dichloroprop...	10.579	79	58462	17.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	68.44%		
39) 2-Hexanone-d5	10.927	63	46964	36.23	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.46%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	114747	19.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	77.48%		
61) 1,2-Dichlorobenzene-d4	13.853	152	136860	20.55	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	82.20%		
Target Compounds					Qvalue	
13) Acetone	4.141	43	8144m	7.67	ug/L	
14) Carbon disulfide	4.385	76	21727	1.20	ug/L	96
16) Methylene chloride	4.928	84	19081	2.44	ug/L	96
17) Methyl tert-butyl Ether	5.428	73	1231435	140.69	ug/L	99
44) Toluene	10.390	91	7569	0.27	ug/L	85

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

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