

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018514.D
 Acq On : 31 Mar 2021 15:59
 Operator : SY/VA
 Sample : M1859-07
 Misc : 5.85G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG546

Manual Integrations
 APPROVED

MMDadoda
 4/6/2021 1:04:05 PM

Quant Time: Apr 01 02:06:06 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	507187	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	456302	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	213476	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	171146	24.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.00%		
7) Chloroethane-d5	2.891	69	136333	22.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.28%		
10) 1,1-Dichloroethene-d2	4.019	63	190545	15.64	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	62.56%		
20) 2-Butanone-d5	7.080	46	46504	29.60	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	59.20%		
24) Chloroform-d	7.647	84	251065	19.43	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	77.72%		
26) 1,2-Dichloroethane-d4	8.305	65	141575	18.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	75.08%		
29) Benzene-d6	8.275	84	511793	21.10	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	84.40%		
33) 1,2-Dichloropropane-d6	9.281	67	141767	20.26	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.04%		
37) Toluene-d8	10.323	98	496652	21.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	85.04%		
38) trans-1,3-Dichloroprop...	10.579	79	59751	16.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	66.24%		
39) 2-Hexanone-d5	10.927	63	37901	27.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	55.36%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	100215	16.01	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	64.04%		
61) 1,2-Dichlorobenzene-d4	13.853	152	145044	19.11	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	76.44%		
Target Compounds					Qvalue	
13) Acetone	4.141	43	3630m	3.22	ug/L	
16) Methylene chloride	4.922	84	16404	1.97	ug/L	88
44) Toluene	10.384	91	8340	0.28	ug/L	85

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

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