

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018515.D
 Acq On : 31 Mar 2021 16:23
 Operator : SY/VA
 Sample : M1859-08
 Misc : 5.68G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG547

Manual Integrations
 APPROVED

MMDadoda
 4/6/2021 1:04:10 PM

Quant Time: Apr 01 02:06:22 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	492489	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	445085	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	212224	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	168122	24.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.12%		
7) Chloroethane-d5	2.897	69	136466	22.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.00%		
10) 1,1-Dichloroethene-d2	4.025	63	186207	15.74	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	62.96%		
20) 2-Butanone-d5	7.080	46	52092	34.14	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	68.28%		
24) Chloroform-d	7.653	84	255788	20.39	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	81.56%		
26) 1,2-Dichloroethane-d4	8.305	65	149824	20.46	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	81.84%		
29) Benzene-d6	8.275	84	508602	21.50	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	86.00%		
33) 1,2-Dichloropropane-d6	9.274	67	142397	20.86	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	83.44%		
37) Toluene-d8	10.323	98	501631	22.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.08%		
38) trans-1,3-Dichloroprop...	10.579	79	61708	17.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	70.12%		
39) 2-Hexanone-d5	10.927	63	43527	32.59	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	65.18%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	110903	18.16	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	72.64%		
61) 1,2-Dichlorobenzene-d4	13.853	152	156298	20.72	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	82.88%		
Target Compounds					Qvalue	
13) Acetone	4.141	43	3568m	3.26	ug/L	
16) Methylene chloride	4.915	84	16224m	2.01	ug/L	
44) Toluene	10.396	91	8258	0.28	ug/L	89

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

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