

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032921\
 Data File : VW018484.D
 Acq On : 29 Mar 2021 14:29
 Operator : SY/VA
 Sample : M1816-15
 Misc : 5.82G/10ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3P8

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 10:55:52 AM

Quant Time: Mar 30 03:13:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 30 03:10:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	374609	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	280684	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	82690	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	119575	22.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.76%		
7) Chloroethane-d5	2.892	69	106952	23.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.76%		
10) 1,1-Dichloroethene-d2	4.026	63	139267	15.47	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	61.88%		
20) 2-Butanone-d5	7.080	46	65267	56.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	112.48%		
24) Chloroform-d	7.647	84	217055	22.75	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.00%		
26) 1,2-Dichloroethane-d4	8.305	65	135410	24.31	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.24%		
29) Benzene-d6	8.275	84	403766	27.06	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	108.24%		
33) 1,2-Dichloropropane-d6	9.275	67	120619	28.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	112.08%		
37) Toluene-d8	10.323	98	343206	23.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	95.56%		
38) trans-1,3-Dichloroprop...	10.579	79	44017	19.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	79.32%		
39) 2-Hexanone-d5	10.927	63	50527	59.98	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	119.96%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	102588	26.64	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	106.56%		
61) 1,2-Dichlorobenzene-d4	13.853	152	69388	23.60	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.40%		
Target Compounds					Qvalue	
13) Acetone	4.123	43	10170m	12.20	ug/L	
16) Methylene chloride	4.922	84	8322m	1.35	ug/L	
22) cis-1,2-Dichloroethene	7.177	96	1516	0.28	ug/L #	71
34) Benzene	8.324	78	273506	16.83	ug/L	100

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

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