

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032921\
 Data File : VW018477.D
 Acq On : 29 Mar 2021 11:41
 Operator : SY/VA
 Sample : M1816-20
 Misc : 5.86G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4S6

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 10:55:47 AM

Quant Time: Mar 30 03:11:23 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	8.841	114	512100	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	459913	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	217947	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	151329	21.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.96%		
7) Chloroethane-d5	2.897	69	138290	22.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.68%		
10) 1,1-Dichloroethene-d2	4.019	63	196318	15.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	63.84%		
20) 2-Butanone-d5	7.073	46	63416	39.97	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	79.94%		
24) Chloroform-d	7.646	84	284872	21.84	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.36%		
26) 1,2-Dichloroethane-d4	8.305	65	166697m	21.89	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.56%		
29) Benzene-d6	8.274	84	548119	22.42	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	89.68%		
33) 1,2-Dichloropropane-d6	9.274	67	157780	22.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.48%		
37) Toluene-d8	10.323	98	507476	21.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.24%		
38) trans-1,3-Dichloroprop...	10.579	79	68063	18.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	74.84%		
39) 2-Hexanone-d5	10.926	63	52563	38.08	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	76.16%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	126393	20.03	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	80.12%		
61) 1,2-Dichlorobenzene-d4	13.853	152	164801	21.27	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.08%		
Target Compounds					Qvalue	
13) Acetone	4.129	43	10121	8.88	ug/L	100
14) Carbon disulfide	4.391	76	14065	0.73	ug/L	98
16) Methylene chloride	4.915	84	10009	1.19	ug/L	99

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

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