

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032921\
 Data File : VW018493.D
 Acq On : 29 Mar 2021 18:06
 Operator : SY/VA
 Sample : M1816-15RE
 Misc : 5.89G/10ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3P8RE

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 10:56:08 AM

Quant Time: Mar 30 03:15:34 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	371378	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	290659	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	88876	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	123778	23.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.80%		
7) Chloroethane-d5	2.891	69	112416	24.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.40%		
10) 1,1-Dichloroethene-d2	4.019	63	139195	15.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	62.40%		
20) 2-Butanone-d5	7.074	46	67213	58.42	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	116.84%		
24) Chloroform-d	7.647	84	219965	23.25	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.00%		
26) 1,2-Dichloroethane-d4	8.305	65	136828	24.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.12%		
29) Benzene-d6	8.275	84	414617	26.83	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	107.32%		
33) 1,2-Dichloropropane-d6	9.274	67	122999	27.60	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	110.40%		
37) Toluene-d8	10.323	98	348494	23.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	93.68%		
38) trans-1,3-Dichloroprop...	10.579	79	44999	19.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	78.32%		
39) 2-Hexanone-d5	10.920	63	53305	61.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	122.22%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	107542	26.97	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	107.88%		
61) 1,2-Dichlorobenzene-d4	13.853	152	71643	22.67	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.68%		
Target Compounds						Qvalue
5) Vinyl chloride	2.361	62	3260	0.46	ug/L #	1
13) Acetone	4.123	43	10855	13.13	ug/L	95
14) Carbon disulfide	4.385	76	3163	0.23	ug/L #	91
16) Methylene chloride	4.922	84	10849m	1.78	ug/L	
22) cis-1,2-Dichloroethene	7.165	96	1335	0.25	ug/L #	58
34) Benzene	8.323	78	222907	13.24	ug/L	100

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

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