

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
 Data File : VW009377.D
 Acq On : 23 Mar 2019 06:39
 Operator : SY/VA
 Sample : K2031-21
 Misc : 4.33G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5X8

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:29:50 AM

Quant Time: Mar 23 21:24:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 01:25:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	280945	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	231565	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	69458	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	68042	20.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.08%		
7) Chloroethane-d5	2.89	69	68187	17.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.44%		
10) 1,1-Dichloroethene-d2	4.01	63	99211	13.67	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	54.68%		
20) 2-Butanone-d5	7.08	46	64578m	46.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.02%		
24) Chloroform-d	7.64	84	157134	20.49	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	81.96%		
26) 1,2-Dichloroethane-d4	8.30	65	101474	21.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.88%		
29) Benzene-d6	8.27	84	279265	21.87	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.48%		
33) 1,2-Dichloropropane-d6	9.27	67	93067	24.26	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	97.04%		
37) Toluene-d8	10.32	98	214769	18.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	72.76%		
38) trans-1,3-Dichloropropene-	10.58	79	28057	14.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	58.24%		
39) 2-Hexanone-d5	10.93	63	42533	45.78	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	91.56%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80810	21.39	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	85.56%		
61) 1,2-Dichlorobenzene-d4	13.86	152	55912	20.99	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	83.96%		
Target Compounds						
13) Acetone	4.12	43	25580	22.466	ug/L	Ovalue 95
14) Carbon disulfide	4.38	76	13012m	1.398	ug/L	
16) Methylene chloride	4.92	84	18843	4.599	ug/L	94
21) 2-Butanone	7.17	43	7180	4.567	ug/L #	71

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

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