

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040519\
 Data File : VV010137.D
 Acq On : 05 Apr 2019 17:56
 Operator : SY/MD
 Sample : K2168-14
 Misc : 5.51G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF639

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:29:41 AM

Quant Time: Apr 06 02:21:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 23:46:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	105261	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	131698	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56184	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	9481	6.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	26.92%#		
7) Chloroethane-d5	1.57	69	17661	10.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	40.36%		
10) 1,1-Dichloroethene-d2	2.13	63	26520	7.46	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	29.84%#		
20) 2-Butanone-d5	3.94	46	15715m	39.19	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.38%		
24) Chloroform-d	4.40	84	88245	33.28	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	133.12%		
26) 1,2-Dichloroethane-d4	5.08	65	81500	54.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	219.72%#		
29) Benzene-d6	5.10	84	156717	22.95	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.80%		
33) 1,2-Dichloropropane-d6	6.12	67	70477	34.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	139.88%#		
37) Toluene-d8	7.36	98	145113	22.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.20%		
38) trans-1,3-Dichloropropene-	7.66	79	22738	26.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	105.56%		
39) 2-Hexanone-d5	8.14	63	4545	11.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	22.48%		
48) 1,1,2,2-Tetrachloroethane-	10.26	84	87662	44.10	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	176.40%#		
61) 1,2-Dichlorobenzene-d4	11.67	152	69125	31.58	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	126.32%#		
Target Compounds						
13) Acetone	2.19	43	4452	11.230	ug/L	95
16) Methylene chloride	2.53	84	16433	8.886	ug/L	92

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

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