

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031319\
 Data File : VV009656.D
 Acq On : 14 Mar 2019 00:28
 Operator : SY/MD
 Sample : K1794-19
 Misc : 3.14G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5P6

Manual Integrations
 APPROVED

MMDadoda
 3/15/2019 7:53:53 AM

Quant Time: Mar 14 22:01:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 07:37:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	50303	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	51009	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	15559	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	3371	5.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	20.96%#		
7) Chloroethane-d5	1.57	69	9094	11.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	45.84%		
10) 1,1-Dichloroethene-d2	2.13	63	13478	7.75	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	31.00%#		
20) 2-Butanone-d5	3.94	46	1278m	7.59	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	15.18%#		
24) Chloroform-d	4.40	84	25071	19.55	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	78.20%		
26) 1,2-Dichloroethane-d4	5.08	65	33219	45.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	183.12%#		
29) Benzene-d6	5.10	84	61409	22.95	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.80%		
33) 1,2-Dichloropropane-d6	6.12	67	28632	36.62	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	146.48%#		
37) Toluene-d8	7.36	98	45866	17.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	70.88%		
38) trans-1,3-Dichloropropene-	7.67	79	2234	6.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	24.88%#		
39) 2-Hexanone-d5	8.14	63	1201	8.34	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	16.68%#		
48) 1,1,2,2-Tetrachloroethane-	10.26	84	27126	36.64	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	146.56%#		
61) 1,2-Dichlorobenzene-d4	11.68	152	16680	27.68	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	110.72%		
Target Compounds						
13) Acetone	2.19	43	2877	14.165	ug/L	92
16) Methylene chloride	2.54	84	3472	4.741	ug/L	91

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

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