

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010399.D
 Acq On : 19 Apr 2019 22:43
 Operator : SY/MD
 Sample : K2456-14
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHN4

Manual Integrations
 APPROVED

MMDadoda
 4/23/2019 6:53:51 AM

Quant Time: Apr 20 05:22:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 20 04:30:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	84919	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	79093	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32831	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	24218	22.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.84%		
7) Chloroethane-d5	1.58	69	20662	22.81	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.24%		
10) 1,1-Dichloroethene-d2	2.13	63	36445m	14.01	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	56.04%		
20) 2-Butanone-d5	3.95	46	11402	33.95	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	67.90%		
24) Chloroform-d	4.41	84	47862	21.44	ug/L	0.01
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.76%		
26) 1,2-Dichloroethane-d4	5.09	65	27781	21.08	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.32%		
29) Benzene-d6	5.10	84	83910	20.73	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	82.92%		
33) 1,2-Dichloropropane-d6	6.12	67	25948	21.90	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	87.60%		
37) Toluene-d8	7.36	98	80520	20.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.76%		
38) trans-1,3-Dichloropropene-	7.67	79	8833	15.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	60.64%		
39) 2-Hexanone-d5	8.14	63	7997	30.31	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	60.62%		
48) 1,1,2,2-Tetrachloroethane-	10.26	84	24823	20.95	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	83.80%		
61) 1,2-Dichlorobenzene-d4	11.68	152	30238	23.43	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.72%		
Target Compounds						
13) Acetone	2.19	43	1716	4.842	ug/L	85
16) Methylene chloride	2.54	84	6664	4.913	ug/L	93

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

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