Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\

Quantitation Report (LSC Reviewed)

Data File : VV011036.D
Acq On : 23 May 2019 19:25
Operator : SY/MD
Sample : K3016-03
Misc : 5.01G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C2

Quant Time: May 24 08:53:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 08:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	102366	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	99445	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31981	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	19103	16.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 65.48%			
7) Chloroethane-d5	1.56	69	15408	19.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.00%			
10) 1,1-Dichloroethene-d2	2.12	63	29654	13.22	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 52.88%			
20) 2-Butanone-d5	3.93	46	34281	85.13	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 170.26%#			
24) Chloroform-d	4.40	84	57288	21.60	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.40%			
26) 1,2-Dichloroethane-d4	5.08	65	37319	23.88	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.52%			
29) Benzene-d6	5.09	84	116657	21.49	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.96%			
33) 1,2-Dichloropropane-d6	6.12	67	42074	24.39	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.56%			
37) Toluene-d8	7.36	98	96475	19.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 76.48%			
38) trans-1,3-Dichloropropene-	7.66	79	15683	22.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.56%			
39) 2-Hexanone-d5	8.13	63	29209	90.78	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 181.56%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	48198	27.99	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 111.96%			
61) 1,2-Dichlorobenzene-d4	11.67	152	27803	21.41	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.64%			
Target Compounds						Qvalue
13) Acetone	2.19	43	13616	35.063	ug/L	98
15) Methyl Acetate	2.45	43	5481	7.346	ug/L	99
21) 2-Butanone	4.03	43	2308	4.343	ug/L	78

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

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