Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040319\
Data File : VV010092.D
Acq On : 03 Apr 2019 15:00
Operator : SY/MD
Sample : K2215-06
Misc : 5.43G/10mL/MSVOA_V/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF2M7

Manual Integrations APPROVED
MMDadoda
4/5/2019 10:40:34 AM

Quant Time: Apr 04 07:55:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:01:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	189704	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	177320	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69604	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	48859	19.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.96%			
7) Chloroethane-d5	1.57	69	64840	20.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.24%			
10) 1,1-Dichloroethene-d2	2.13	63	254801	39.77	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 159.08%#			
20) 2-Butanone-d5	3.94	46	39254	54.32	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.64%			
24) Chloroform-d	4.40	84	104731	21.91	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.64%			
26) 1,2-Dichloroethane-d4	5.08	65	65024	24.32	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.28%			
29) Benzene-d6	5.10	84	216461	23.54	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.16%			
33) 1,2-Dichloropropane-d6	6.12	67	65663	24.20	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.80%			
37) Toluene-d8	7.36	98	189101	21.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.36%			
38) trans-1,3-Dichloropropene-	7.67	79	21190	18.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 73.08%			
39) 2-Hexanone-d5	8.14	63	29726	54.62	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.24%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	68231	25.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.96%			
61) 1,2-Dichlorobenzene-d4	11.67	152	60249	22.22	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.88%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	280016m	107.966	ug/L	
13) Acetone	2.20	43	5413	7.576	ug/L	99
16) Methylene chloride	2.53	84	4063	1.219	ug/L	88
22) cis-1,2-Dichloroethene	3.96	96	9960m	3.960	ug/L	
35) Trichloroethene	5.96	95	20918	8.381	ug/L	97
44) Toluene	7.43	91	91270	9.378	ug/L	94
46) 1,1,2-Trichloroethane	7.88	97	4542	2.338	ug/L #	52
47) Tetrachloroethene	8.03	164	30678114m	14684.507	ug/L	
52) Chlorobenzene	8.92	112	5291	0.797	ug/L #	92

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

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