Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092319\
Data File : VV012953.D
Acq On : 23 Sep 2019 22:52
Operator : SY/MD
Sample : K4984-06
Misc : 5.39G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BEDL0

Manual Integrations APPROVED
MMDadoda
9/24/2019 12:26:08 PM

Quant Time: Sep 24 15:00:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 07:38:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	745072	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	601804	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	203955	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	270464	23.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.56%			
7) Chloroethane-d5	1.58	69	230755	24.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.76%			
10) 1,1-Dichloroethene-d2	2.13	63	319424	16.62	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.48%			
20) 2-Butanone-d5	3.93	46	198905	49.83	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.66%			
24) Chloroform-d	4.40	84	460065	22.48	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.92%			
26) 1,2-Dichloroethane-d4	5.08	65	281951	23.70	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.80%			
29) Benzene-d6	5.10	84	945635	28.14	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 112.56%			
33) 1,2-Dichloropropane-d6	6.12	67	309152	29.35	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 117.40%			
37) Toluene-d8	7.36	98	717020	23.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.04%			
38) trans-1,3-Dichloropropene-	7.66	79	115507	25.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.60%			
39) 2-Hexanone-d5	8.14	63	146056	68.91	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 137.82%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	307159	30.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 122.84%#			
61) 1,2-Dichlorobenzene-d4	11.67	152	202550	25.56	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.24%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	12449	1.478	ug/L #	1
13) Acetone	2.19	43	46592	10.982	ug/L	99
16) Methylene chloride	2.53	84	43335	3.891	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	7964	0.799	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	18638515	1708.252	ug/L	89
35) Trichloroethene	5.96	95	8021916	859.635	ug/L	99
47) Tetrachloroethene	8.02	164	63641521m	8391.034	ug/L	
64) 1,4-Dichlorobenzene	11.31	146	134071	10.175	ug/L #	78
65) 1,2-Dichlorobenzene	11.69	146	185165	15.463	ug/L #	79

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

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