Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091919\
Data File : VU034666.D
Acq On : 19 Sep 2019 22:59
Operator : JC/SP
Sample : K4895-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDH9

Quant Time: Sep 20 05:39:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 20 04:02:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	470535	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	447226	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	210256	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	221249	45.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.86%			
7) Chloroethane-d5	1.67	69	177480	47.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.34%			
11) 1,1-Dichloroethene-d2	2.26	63	290288	35.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.18%			
21) 2-Butanone-d5	4.15	46	377555	102.27	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.27%			
24) Chloroform-d	4.62	84	339280	48.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.90%			
26) 1,2-Dichloroethane-d4	5.29	65	246608	47.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.80%			
32) Benzene-d6	5.32	84	686957	49.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.12%			
36) 1,2-Dichloropropane-d6	6.31	67	243070	50.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.34%			
41) Toluene-d8	7.54	98	648925	49.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.42%			
43) trans-1,3-Dichloropropene-	7.83	79	111456	48.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.06%			
47) 2-Hexanone-d5	8.29	63	253654	104.24	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.24%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	320963	47.74	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.48%			
64) 1,2-Dichlorobenzene-d4	11.84	152	223719	50.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.48%			
Target Compounds						Qvalue
13) Acetone	2.31	43	32903	7.662	ug/L	95
16) Methylene chloride	2.69	84	5130	1.316	ug/L	95
29) Cyclohexane	4.97	56	9820	1.330	ug/L #	73
33) Benzene	5.37	78	25179	1.623	ug/L	100
34) Trichloroethene	6.17	95	11464	2.993	ug/L	86
35) Methylcyclohexane	6.39	83	13254	2.039	ug/L	98
40) 4-Methyl-2-pentanone	7.44	43	32694	3.708	ug/L	93
42) Toluene	7.61	91	408114	24.346	ug/L	100
46) Tetrachloroethene	8.21	164	4023	1.493	ug/L	78
52) Ethylbenzene	9.23	91	211710	11.215	ug/L	99
53) m,p-Xylene	9.35	106	345899	51.735	ug/L	100
54) o-xylene	9.76	106	224904	34.009	ug/L	99
56) Isopropylbenzene	10.14	105	36154	2.028	ug/L	98
65) 1,2-Dichlorobenzene	11.85	146	47028	6.392	ug/L	96

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

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