Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091919\
Data File : VU034665.D
Acq On : 19 Sep 2019 22:36
Operator : JC/SP
Sample : K4895-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDH6

Quant Time: Sep 20 05:26:58 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	487204	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	462026	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	209596	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	225605	45.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.46%			
7) Chloroethane-d5	1.67	69	178653	46.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.68%			
11) 1,1-Dichloroethene-d2	2.26	63	299025	35.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.80%			
21) 2-Butanone-d5	4.15	46	370499	96.92	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.92%			
24) Chloroform-d	4.62	84	343995	47.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.88%			
26) 1,2-Dichloroethane-d4	5.29	65	249309	46.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.54%			
32) Benzene-d6	5.32	84	691786	48.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.62%			
36) 1,2-Dichloropropane-d6	6.31	67	245985	49.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.28%			
41) Toluene-d8	7.54	98	654254	48.02	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.04%			
43) trans-1,3-Dichloropropene-	7.83	79	115165	48.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.08%			
47) 2-Hexanone-d5	8.29	63	257847	102.57	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.57%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	329570	47.45	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.90%			
64) 1,2-Dichlorobenzene-d4	11.84	152	224718	51.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.26%			
Target Compounds						Qvalue
13) Acetone	2.31	43	47409	10.662	ug/L	100
15) Methyl Acetate	2.61	43	5209	0.877	ug/L #	82
16) Methylene chloride	2.68	84	6876	1.703	ug/L	94
22) 2-Butanone	4.25	43	10713	2.025	ug/L	86
33) Benzene	5.37	78	39498	2.465	ug/L	100
34) Trichloroethene	6.17	95	3723	0.941	ug/L	95
35) Methylcyclohexane	6.40	83	9449	1.407	ug/L #	86
40) 4-Methyl-2-pentanone	7.44	43	40268	4.420	ug/L	93
42) Toluene	7.61	91	1255552	72.501	ug/L	100
52) Ethylbenzene	9.23	91	181199	9.292	ug/L	98
53) m,p-Xylene	9.35	106	253306	36.673	ug/L	98
54) o-xylene	9.76	106	189011	27.666	ug/L	96
56) Isopropylbenzene	10.14	105	20540	1.115	ug/L	100
65) 1,2-Dichlorobenzene	11.86	146	15885	2.166	ug/L #	94

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

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