Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092519\
Data File : VU034829.D
Acq On : 26 Sep 2019 01:49
Operator : JC/SP
Sample : K4983-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL3

Quant Time: Sep 26 09:36:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 06:56:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	458419	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	428355	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	207253	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	186508	39.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.48%			
7) Chloroethane-d5	1.67	69	162394	44.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.54%			
11) 1,1-Dichloroethene-d2	2.26	63	252552	31.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.56%			
21) 2-Butanone-d5	4.15	46	422655	117.51	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 117.51%			
24) Chloroform-d	4.62	84	321710	47.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.30%			
26) 1,2-Dichloroethane-d4	5.29	65	223680	44.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.20%			
32) Benzene-d6	5.32	84	682153	51.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.76%			
36) 1,2-Dichloropropane-d6	6.31	67	235358	50.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.44%			
41) Toluene-d8	7.54	98	660697	52.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.62%			
43) trans-1,3-Dichloropropene-	7.83	79	102228	46.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.00%			
47) 2-Hexanone-d5	8.29	63	287826	123.49	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 123.49%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	331471	51.48	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.96%			
64) 1,2-Dichlorobenzene-d4	11.84	152	240173	55.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.52%			
Target Compounds						Qvalue
13) Acetone	2.31	43	154285	36.875	ug/L	97
15) Methyl Acetate	2.61	43	8383	1.500	ug/L	96
16) Methylene chloride	2.68	84	3127839	823.284	ug/L	95
22) 2-Butanone	4.25	43	57037	11.459	ug/L	99
33) Benzene	5.37	78	83412	5.615	ug/L	100
42) Toluene	7.62	91	140564	8.755	ug/L	97
51) Chlorobenzene	9.10	112	9226	0.945	ug/L #	85
52) Ethylbenzene	9.23	91	90977	5.032	ug/L	99
53) m,p-Xylene	9.35	106	308126	48.116	ug/L	100
54) o-xylene	9.76	106	207274	32.724	ug/L	98
56) Isopropylbenzene	10.14	105	29241	1.712	ug/L	94
63) 1,4-Dichlorobenzene	11.49	146	11202	1.532	ug/L	98
65) 1,2-Dichlorobenzene	11.85	146	50322	6.939	ug/L	98

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

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