Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032419\
Data File : VU030367.D
Acq On : 24 Mar 2019 13:51
Operator : JC/SP
Sample : K2016-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0978

Quant Time: Mar 25 04:09:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 03:20:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	404895	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	381795	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	161229	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	141527	43.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.86%			
7) Chloroethane-d5	1.68	69	117113	45.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.68%			
11) 1,1-Dichloroethene-d2	2.27	63	204979	33.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.32%			
21) 2-Butanone-d5	4.17	46	279479	91.24	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.24%			
24) Chloroform-d	4.64	84	257118	45.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.60%			
26) 1,2-Dichloroethane-d4	5.31	65	174366	47.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.92%			
32) Benzene-d6	5.34	84	536007	48.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.92%			
36) 1,2-Dichloropropane-d6	6.33	67	189935	50.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.40%			
41) Toluene-d8	7.56	98	459096	46.69	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.38%			
43) trans-1,3-Dichloropropene-	7.85	79	74014	42.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.04%			
47) 2-Hexanone-d5	8.31	63	181508	89.41	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.41%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	252415	47.09	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.18%			
64) 1,2-Dichlorobenzene-d4	11.86	152	160571	49.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.40%			
Target Compounds						Qvalue
13) Acetone	2.32	43	6623	2.138	ug/L	97
27) 1,2-Dichloroethane	5.39	62	13697	2.944	ug/L #	75
33) Benzene	5.39	78	1609642	123.850	ug/L	100
51) Chlorobenzene	9.12	112	1192474	145.872	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	28387	5.384	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	294460	54.248	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	236860	44.427	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	14945	4.358	ug/L #	90

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

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