Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092519\
Data File : VU034820.D
Acq On : 25 Sep 2019 22:18
Operator : JC/SP
Sample : K4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDJ3

Quant Time: Sep 26 09:04:20 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	456457	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	437911	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	213520	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	189421	40.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.08%			
7) Chloroethane-d5	1.67	69	167430	46.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.72%			
11) 1,1-Dichloroethene-d2	2.26	63	254510	32.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.32%			
21) 2-Butanone-d5	4.15	46	415050	115.89	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 115.89%			
24) Chloroform-d	4.62	84	326151	48.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.02%			
26) 1,2-Dichloroethane-d4	5.29	65	227883	45.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.26%			
32) Benzene-d6	5.32	84	687120	50.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.24%			
36) 1,2-Dichloropropane-d6	6.31	67	245891	51.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.66%			
41) Toluene-d8	7.54	98	657105	50.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.78%			
43) trans-1,3-Dichloropropene-	7.83	79	105722	46.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.06%			
47) 2-Hexanone-d5	8.29	63	286180	120.10	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 120.10%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	337381	51.25	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.50%			
64) 1,2-Dichlorobenzene-d4	11.84	152	241002	53.83	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.66%			
Target Compounds						Qvalue
13) Acetone	2.31	43	194781	46.754	ug/L	94
15) Methyl Acetate	2.61	43	5432	0.976	ug/L #	81
16) Methylene chloride	2.68	84	51353	13.575	ug/L	94
22) 2-Butanone	4.25	43	70408	14.206	ug/L	97
33) Benzene	5.37	78	117679	7.748	ug/L	100
35) Methylcyclohexane	6.39	83	6648	1.044	ug/L #	69
42) Toluene	7.62	91	250507	15.262	ug/L	97
51) Chlorobenzene	9.10	112	24954	2.501	ug/L	92
52) Ethylbenzene	9.23	91	842887	45.602	ug/L	98
53) m,p-Xylene	9.35	106	1160351	177.241	ug/L	99
54) o-xylene	9.76	106	685371	105.845	ug/L	94
56) Isopropylbenzene	10.14	105	75371	4.317	ug/L	97
62) 1,3-Dichlorobenzene	11.40	146	11235	1.519	ug/L	88
63) 1,4-Dichlorobenzene	11.48	146	23355	3.101	ug/L	92
65) 1,2-Dichlorobenzene	11.86	146	173309	23.197	ug/L	98

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

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