Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103119\
Data File : VU035576.D
Acq On : 30 Oct 2019 21:20
Operator : JC/SP
Sample : K5559-02 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0CP6

Quant Time: Oct 31 01:01:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 31 00:14:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	643556	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	625593	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	246325	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	208687	40.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.30%			
7) Chloroethane-d5	1.93	69	182399	43.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.88%			
11) 1,1-Dichloroethene-d2	2.60	63	255621	31.62	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.24%			
21) 2-Butanone-d5	4.70	46	310099	102.13	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.13%			
24) Chloroform-d	5.12	84	369316	46.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.02%			
26) 1,2-Dichloroethane-d4	5.75	65	242856	49.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.78%			
32) Benzene-d6	5.77	84	778075	47.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.42%			
36) 1,2-Dichloropropane-d6	6.74	67	258954	48.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.94%			
41) Toluene-d8	7.93	98	689841	44.85	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.70%			
43) trans-1,3-Dichloropropene-	8.22	79	113495	46.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.18%			
47) 2-Hexanone-d5	8.68	63	204221	100.76	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.76%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	360165	47.89	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.78%			
64) 1,2-Dichlorobenzene-d4	12.22	152	238118	47.93	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.86%			
Target Compounds						Qvalue
33) Benzene	5.82	78	790974	44.988	ug/L	100
51) Chlorobenzene	9.48	112	2146258	174.467	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	94503	12.161	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	787306	99.733	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	1076452	136.069	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	55635	18.500	ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	17861	5.512	ug/L	100

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

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