Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042319\
Data File : VU031439.D
Acq On : 23 Apr 2019 15:36
Operator : JC/SP
Sample : K2481-17
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHX0

Quant Time: Apr 24 07:45:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 06:00:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	807299	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	758587	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	363519	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	236580	36.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 72.32%			
7) Chloroethane-d5	1.68	69	157530	31.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 63.26%#			
11) 1,1-Dichloroethene-d2	2.24	63	354043	31.11	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.22%			
21) 2-Butanone-d5	4.22	46	327470	66.96	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 66.96%			
24) Chloroform-d	4.64	84	413871	39.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.40%			
26) 1,2-Dichloroethane-d4	5.31	65	269265	43.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.24%			
32) Benzene-d6	5.33	84	908914	41.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.96%			
36) 1,2-Dichloropropane-d6	6.33	67	296273	42.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 84.02%			
41) Toluene-d8	7.56	98	821538	41.97	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.94%			
43) trans-1,3-Dichloropropene-	7.85	79	139433	43.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.78%			
47) 2-Hexanone-d5	8.35	63	333398	94.36	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.36%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	386186	40.37	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery = 80.74%			
64) 1,2-Dichlorobenzene-d4	11.86	152	306065	41.19	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.38%			
Target Compounds						Qvalue
29) Cyclohexane	4.97	56	11340	1.232	ug/L #	48
35) Methylcyclohexane	6.40	83	10576	1.243	ug/L #	73
42) Toluene	7.63	91	594695	26.105	ug/L	97
52) Ethylbenzene	9.25	91	1189295	48.731	ug/L	100
53) m,p-Xylene	9.38	106	9289100	1042.857	ug/L	73
54) o-xylene	9.78	106	4008038	447.556	ug/L	100
55) Styrene	9.80	104	5675789	381.083	ug/L	98
56) Isopropylbenzene	10.17	105	268001	11.649	ug/L	98

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

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