Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036636.D
Acq On : 30 Jan 2020 22:55
Operator : JC/MD
Sample : L1324-03
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT60

Quant Time: Jan 31 06:00:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 31 04:01:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	299369	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	291146	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	156772	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	79336	35.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 70.76%			
7) Chloroethane-d5	1.89	69	16873	8.77	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 17.54%#			
11) 1,1-Dichloroethene-d2	2.54	63	102341	28.23	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery = 56.46%#			
21) 2-Butanone-d5	4.70	46	87849	66.01	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 66.01%			
24) Chloroform-d	5.11	84	147045	40.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.10%			
26) 1,2-Dichloroethane-d4	5.74	65	98048	42.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.68%			
32) Benzene-d6	5.76	84	342201	41.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.56%			
36) 1,2-Dichloropropane-d6	6.73	67	110759	43.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.80%			
41) Toluene-d8	7.93	98	329641	41.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.68%			
43) trans-1,3-Dichloropropene-	8.21	79	51121	42.12	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.24%			
47) 2-Hexanone-d5	8.69	63	126626	106.99	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.99%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	169175	45.09	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.18%			
64) 1,2-Dichlorobenzene-d4	12.22	152	142334	42.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.62%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	2229	0.918	ug/L	93
33) Benzene	5.80	78	13191	1.515	ug/L	100
42) Toluene	8.00	91	16425	1.736	ug/L	96
46) Tetrachloroethene	8.58	164	170472	93.658	ug/L	98
52) Ethylbenzene	9.60	91	31617	3.050	ug/L	96
53) m,p-Xylene	9.72	106	572758	141.683	ug/L	100
54) o-xylene	10.13	106	263075	65.241	ug/L	100
56) Isopropylbenzene	10.51	105	47044	4.589	ug/L	99

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

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