Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020420\
Data File : VV014500.D
Acq On : 04 Feb 2020 16:42
Operator : SY/MD
Sample : L1324-09
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT66

Quant Time: Feb 15 03:44:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 05 01:06:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	411933	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	396259	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	218446	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	102883	44.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.94%			
7) Chloroethane-d5	1.55	69	34746	24.43	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 48.86%#			
11) 1,1-Dichloroethene-d2	2.10	63	98589	32.28	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.56%			
21) 2-Butanone-d5	3.93	46	164581	106.92	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.92%			
24) Chloroform-d	4.39	84	209909	43.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.70%			
26) 1,2-Dichloroethane-d4	5.07	65	138257	47.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.80%			
32) Benzene-d6	5.09	84	461301	44.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.42%			
36) 1,2-Dichloropropane-d6	6.11	67	146522	44.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.78%			
41) Toluene-d8	7.35	98	432255	44.88	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.76%			
43) trans-1,3-Dichloropropene-	7.66	79	76713	45.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.44%			
47) 2-Hexanone-d5	8.14	63	153524	118.87	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 118.87%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	226421	53.24	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.48%			
64) 1,2-Dichlorobenzene-d4	11.67	152	194392	48.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.64%			
Target Compounds						Qvalue
33) Benzene	5.14	78	34886	2.984	ug/L	100
42) Toluene	7.43	91	62096	5.073	ug/L	98
52) Ethylbenzene	9.05	91	257947	18.777	ug/L	99
53) m,p-Xylene	9.18	106	171719	33.476	ug/L	97
54) o-xylene	9.59	106	104763	20.611	ug/L	99
55) Styrene	9.60	104	210190	24.641	ug/L	97

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

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