Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011520\
Data File : VU036479.D
Acq On : 15 Jan 2020 19:04
Operator : JC/MD
Sample : L1139-05 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D51

Manual Integrations APPROVED
apatel
1/16/2020 12:04:20 PM

Quant Time: Jan 17 12:02:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 16 05:57:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	445994	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	414843	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	180833	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	130994	45.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.60%			
7) Chloroethane-d5	1.93	69	119694m	47.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.64%			
11) 1,1-Dichloroethene-d2	2.59	63	199024	35.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.70%			
21) 2-Butanone-d5	4.68	46	250330	100.70	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.70%			
24) Chloroform-d	5.11	84	283836	49.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.62%			
26) 1,2-Dichloroethane-d4	5.75	65	194589	50.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.70%			
32) Benzene-d6	5.77	84	550306	50.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.44%			
36) 1,2-Dichloropropane-d6	6.73	67	180989	51.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.58%			
41) Toluene-d8	7.93	98	518682	50.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.10%			
43) trans-1,3-Dichloropropene-	8.21	79	91304	48.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.08%			
47) 2-Hexanone-d5	8.67	63	185413	102.54	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.54%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	264608	49.86	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.72%			
64) 1,2-Dichlorobenzene-d4	12.22	152	175156	49.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.36%			
Target Compounds						Qvalue
13) Acetone	2.66	43	9100	3.382	ug/L	92
33) Benzene	5.82	78	565403	47.432	ug/L	100
51) Chlorobenzene	9.47	112	1462966	179.697	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	73737	12.949	ug/L	97
63) 1,4-Dichlorobenzene	11.86	146	587825	102.737	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	734810	130.828	ug/L	97

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

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