Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031109.D
Acq On : 12 Apr 2019 07:06
Operator : JC/SP
Sample : K2353-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 101 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETJ65

Manual Integrations APPROVED
MMDadoda
4/12/2019 5:47:11 PM

Quant Time: Apr 12 08:48:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 07:24:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	548419	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	533942	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	230887	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	162356	33.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 66.32%			
7) Chloroethane-d5	1.68	69	140041	37.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 75.38%			
11) 1,1-Dichloroethene-d2	2.27	63	281704	31.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.62%			
21) 2-Butanone-d5	4.19	46	369760	95.30	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.30%			
24) Chloroform-d	4.64	84	318035	42.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.06%			
26) 1,2-Dichloroethane-d4	5.31	65	222009	43.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.02%			
32) Benzene-d6	5.33	84	634551	40.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.42%			
36) 1,2-Dichloropropane-d6	6.32	67	225658	42.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 84.48%			
41) Toluene-d8	7.56	98	541107	39.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 78.32%#			
43) trans-1,3-Dichloropropene-	7.85	79	94496	38.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.58%			
47) 2-Hexanone-d5	8.31	63	193135	79.11	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 79.11%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	324791	45.08	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.16%			
64) 1,2-Dichlorobenzene-d4	11.86	152	211416	46.56	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.12%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	66242	10.982	ug/L	96
12) 1,1-Dichloroethene	2.28	96	73952	19.507	ug/L #	77
13) Acetone	2.32	43	9883	2.489	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	168436	41.846	ug/L	96
20) cis-1,2-Dichloroethene	4.21	96	26443294m	5949.730	ug/L	
34) Trichloroethene	6.18	95	123622	28.846	ug/L	97

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

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