Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032619\
Data File : VU030455.D
Acq On : 26 Mar 2019 19:53
Operator : JC/SP
Sample : K2022-17 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09F2

Quant Time: Mar 27 07:30:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 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	446146	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	421618	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	174687	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	171310	47.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.42%			
7) Chloroethane-d5	1.67	69	143122	50.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.58%			
11) 1,1-Dichloroethene-d2	2.27	63	247419	36.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.66%			
21) 2-Butanone-d5	4.17	46	365377	108.25	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.25%			
24) Chloroform-d	4.64	84	309555	50.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.08%			
26) 1,2-Dichloroethane-d4	5.31	65	209960	51.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.74%			
32) Benzene-d6	5.34	84	611114	50.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.08%			
36) 1,2-Dichloropropane-d6	6.33	67	221897	53.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.28%			
41) Toluene-d8	7.56	98	528887	48.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.42%			
43) trans-1,3-Dichloropropene-	7.85	79	95963	49.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.66%			
47) 2-Hexanone-d5	8.31	63	235224	104.93	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.93%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	303266	51.23	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.46%			
64) 1,2-Dichlorobenzene-d4	11.86	152	182898	52.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.50%			
Target Compounds						Qvalue
51) Chlorobenzene	9.12	112	193477	21.432	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	12832	2.246	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	54356	9.242	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	351778	60.898	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	30968	8.334	ug/L	95
70) 1,2,3-Trichlorobenzene	14.00	180	5686	1.449	ug/L #	93

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

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