Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081418\
Data File : VU026098.D
Acq On : 14 Aug 2018 13:52
Operator : MD/SY
Sample : J4451-02DL 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A4ZJ4DL

Manual Integrations APPROVED
MMDadoda
8/16/2018 11:41:32 AM
8/16/2018 11:41:32 AM

Quant Time: Aug 15 18:43:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 11 00:58:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	269082	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	248225	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	110379	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	79216	40.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.54%			
7) Chloroethane-d5	1.68	69	71181	45.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.30%			
11) 1,1-Dichloroethene-d2	2.27	63	124163	33.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.44%			
21) 2-Butanone-d5	4.18	46	153416	93.59	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.59%			
24) Chloroform-d	4.65	84	194864	46.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.44%			
26) 1,2-Dichloroethane-d4	5.31	65	132691	47.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.20%			
32) Benzene-d6	5.34	84	372864	48.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.74%			
36) 1,2-Dichloropropane-d6	6.33	67	122140	48.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.94%			
41) Toluene-d8	7.57	98	334829	45.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.80%			
43) trans-1,3-Dichloropropene-	7.85	79	58758	46.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.52%			
47) 2-Hexanone-d5	8.31	63	103719	91.56	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.56%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	174051	47.72	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.44%			
64) 1,2-Dichlorobenzene-d4	11.86	152	137251	50.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.88%			
Target Compounds						Qvalue
51) Chlorobenzene	9.12	112	251786	49.76	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	41349	11.48	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	69700	19.06	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	11591m	5.34	ug/L	
70) 1,2,3-Trichlorobenzene	13.99	180	5453m	2.34	ug/L	

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

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