Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010920\
Data File : VU036419.D
Acq On : 09 Jan 2020 15:01
Operator : JC/MD
Sample : L1042-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFRB0

Manual Integrations APPROVED
MMDadoda
1/10/2020 10:42:49 AM

Quant Time: Jan 10 04:28:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 10 04:07:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	467124	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	444681	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	166009	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	135580	37.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.50%			
7) Chloroethane-d5	1.93	69	128205	41.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.52%			
11) 1,1-Dichloroethene-d2	2.59	63	223847	36.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.20%			
21) 2-Butanone-d5	4.68	46	272748	100.62	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.62%			
24) Chloroform-d	5.11	84	316589	49.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.66%			
26) 1,2-Dichloroethane-d4	5.75	65	221296	52.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.08%			
32) Benzene-d6	5.77	84	618959	50.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.00%			
36) 1,2-Dichloropropane-d6	6.73	67	205783	49.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.12%			
41) Toluene-d8	7.93	98	584939	49.22	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.44%			
43) trans-1,3-Dichloropropene-	8.21	79	104737	46.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.98%			
47) 2-Hexanone-d5	8.67	63	203970	95.25	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.25%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	300105	47.66	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.32%			
64) 1,2-Dichlorobenzene-d4	12.22	152	170903	49.08	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.16%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.60	96	9522	3.523	ug/L #	1
13) Acetone	2.66	43	8217	2.923	ug/L	94
18) Methyl tert-butyl Ether	3.41	73	11351	1.071	ug/L #	93
19) 1,1-Dichloroethane	3.92	63	43821	7.491	ug/L	94
20) cis-1,2-Dichloroethene	4.72	96	4097m	1.161	ug/L	
30) 1,1,1-Trichloroethane	5.36	97	7543	1.384	ug/L	97
34) Trichloroethene	6.58	95	10530	3.127	ug/L	90
46) Tetrachloroethene	8.58	164	59011	24.354	ug/L	96

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

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