Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043020\
Data File : VU037958.D
Acq On : 30 Apr 2020 17:42
Operator : JC/MD
Sample : L2395-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0DA5

Manual Integrations APPROVED
MMDadoda
5/1/2020 4:51:17 PM

Quant Time: May 01 05:52:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 01 02:16:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	658394	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	647364	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	284701	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	265752	45.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.78%			
7) Chloroethane-d5	1.93	69	227916	48.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.76%			
11) 1,1-Dichloroethene-d2	2.59	63	373505	39.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.86%			
21) 2-Butanone-d5	4.66	46	416034	91.91	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.91%			
24) Chloroform-d	5.10	84	419789	46.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.62%			
26) 1,2-Dichloroethane-d4	5.74	65	305323	49.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.02%			
32) Benzene-d6	5.76	84	926535	48.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.12%			
36) 1,2-Dichloropropane-d6	6.72	67	311309	49.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.42%			
41) Toluene-d8	7.92	98	832595	47.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.14%			
43) trans-1,3-Dichloropropene-	8.20	79	110469	37.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.48%			
47) 2-Hexanone-d5	8.65	63	267314	97.15	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.15%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	421077	46.19	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.38%			
64) 1,2-Dichlorobenzene-d4	12.20	152	288106	48.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	7795	1.182	ug/L #	26
12) 1,1-Dichloroethene	2.60	96	86422m	20.042	ug/L	
13) Acetone	2.66	43	5283	1.812	ug/L	98
16) Methylene chloride	3.08	84	36674	7.215	ug/L	98
19) 1,1-Dichloroethane	3.91	63	25713	2.773	ug/L	97
20) cis-1,2-Dichloroethene	4.71	96	600484	116.649	ug/L	98
30) 1,1,1-Trichloroethane	5.35	97	184720	25.670	ug/L	99
34) Trichloroethene	6.57	95	852809	173.783	ug/L	100

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

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