Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041023\
Data File : VU053611.D
Acq On : 10 Apr 2023 11:39
Operator : JC/MD
Sample : 02251-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0MC6

Manual Integrations APPROVED
Reviewed By :Krupa Patel 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

Quant Time: Apr 11 02:21:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 11 02:19:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	276369	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.430	117	291934	50.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.828	152	196248	50.000	ug/L	# 0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	87425	40.625	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.260%			
7) Chloroethane-d5	1.909	69	74521	44.913	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.820%			
11) 1,1-Dichloroethene-d2	2.565	63	115073	34.544	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.080%			
21) 2-Butanone-d5	4.613	46	97666	100.240	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.240%			
24) Chloroform-d	5.060	84	209036	58.735	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 117.460%			
26) 1,2-Dichloroethane-d4	5.703	65	98277	46.732	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.460%			
32) Benzene-d6	5.729	84	329156	41.771	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.540%			
36) 1,2-Dichloropropane-d6	6.687	67	100935	41.906	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 83.820%			
41) Toluene-d8	7.896	98	307835	39.304	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 78.600%#			
43) trans-1,3-Dichloroprop...	8.176	79	48721	39.187	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.380%			
47) 2-Hexanone-d5	8.629	63	80521	97.955	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.960%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	147844	43.550	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.100%			
66) 1,2-Dichlorobenzene-d4	12.214	152	175326	42.800	ug/L	0.03
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.600%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	18183	10.722	ug/L #	3
13) Acetone	2.623	43	4253	4.857	ug/L	94
25) Chloroform	5.083	83	1465001	452.428	ug/L	99
29) Cyclohexane	5.385	56	10353m	3.684	ug/L	
33) Benzene	5.761	78	33389778m	4389.833	ug/L	
34) Trichloroethene	6.542	95	9822	4.270	ug/L	95
35) Methylcyclohexane	6.761	83	6894	2.039	ug/L #	79
38) Bromodichloromethane	7.102	83	8390	3.256	ug/L #	96
46) Tetrachloroethene	8.549	164	4896	2.565	ug/L	98
49) Dibromochloromethane	8.806	129	3597	1.631	ug/L	97
51) Chlorobenzene	9.439	112	32673495m	5501.559	ug/L	
59) Bromoform	10.285	173	6838	3.404	ug/L	93
64) 1,3-Dichlorobenzene	11.748	146	16254773m	2681.098	ug/L	
65) 1,4-Dichlorobenzene	11.835	146	30735757m	4974.173	ug/L	
67) 1,2-Dichlorobenzene	12.211	146	32344910m	5352.968	ug/L	
70) 1,2,4-trichlorobenzene	13.848	180	13732865	3299.203	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	4862014	1169.443	ug/L	99

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

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