Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
Data File : VX035144.D
Acq On : 18 Apr 2023 23:47
Operator : JC/MD
Sample : 02397-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0MM0

Manual Integrations APPROVED

Reviewed By :John Carlone 04/19/2023
Supervised By :Mahesh Dadoda 04/19/2023

Quant Time: Apr 19 01:39:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 19 01:27:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	6.763	114	501498	50.000 ug/L	0.00
28) Chlorobenzene-d5	10.055	117	436964	50.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	216993	50.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.367	65	176365	54.541 ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 109.080%		
7) Chloroethane-d5	1.672	69	136115	58.253 ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 116.500%		
11) 1,1-Dichloroethene-d2	2.306	65	83003	53.646 ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 107.300%		
21) 2-Butanone-d5	4.458	46	233711	108.455 ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.460%		
24) Chloroform-d	5.056	84	319519	52.469 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.940%		
26) 1,2-Dichloroethane-d4	5.952	65	212644	54.377 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.760%		
32) Benzene-d6	5.976	84	697535	55.570 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.140%		
36) 1,2-Dichloropropane-d6	7.305	67	212146	55.329 ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.660%		
41) Toluene-d8	8.647	98	633611	55.232 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.460%		
43) trans-1,3-Dichloroprop...	8.951	79	87844	52.424 ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.840%		
47) 2-Hexanone-d5	9.384	63	173526	112.698 ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.700%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	252694	53.813 ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 107.620%		
66) 1,2-Dichlorobenzene-d4	12.323	152	227558m	54.115 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.240%		
Target Compounds					Qvalue
13) Acetone	2.392	43	27699	17.331 ug/L	99
33) Benzene	6.037	78	355504	26.865 ug/L	100
51) Chlorobenzene	10.079	112	7168577	792.543 ug/L	88
64) 1,3-Dichlorobenzene	11.969	146	676065	100.465 ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	2829817	410.955 ug/L	99
67) 1,2-Dichlorobenzene	12.341	146	10358899	1518.167 ug/L #	81
70) 1,2,4-trichlorobenzene	13.591	180	3348397	859.564 ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	709228	184.424 ug/L	98

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

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