Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
Data File : VX035126.D
Acq On : 18 Apr 2023 16:28
Operator : JC/MD
Sample : 02333-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0MF8

Quant Time: Apr 19 00:55:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 19 00:53:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	516697	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	445874	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	207379	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	122008	36.621	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 73.240%			
7) Chloroethane-d5	1.673	69	89142	37.028	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 74.060%			
11) 1,1-Dichloroethene-d2	2.307	65	60734	38.098	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.200%			
21) 2-Butanone-d5	4.459	46	169975	76.558	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 76.560%			
24) Chloroform-d	5.062	84	233620	37.235	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 74.480%			
26) 1,2-Dichloroethane-d4	5.958	65	155115	38.499	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.000%			
32) Benzene-d6	5.977	84	507192	39.599	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.200%			
36) 1,2-Dichloropropane-d6	7.306	67	154096	39.386	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 78.780%			
41) Toluene-d8	8.647	98	457879	39.116	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 78.240%#			
43) trans-1,3-Dichloroprop...	8.952	79	54412	31.823	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.640%			
47) 2-Hexanone-d5	9.385	63	120942	76.977	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 76.980%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	186825	38.991	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 77.980%			
66) 1,2-Dichlorobenzene-d4	12.317	152	158228	39.372	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 78.740%#			
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	3.111	73	175073	15.926	ug/L	99
33) Benzene	6.044	78	44531	3.298	ug/L	100
51) Chlorobenzene	10.080	112	514941	55.793	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	44807	6.967	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	538600	81.843	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	247639	37.976	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	18963	5.094	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	3689	1.004	ug/L	87

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

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