Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041823\
Data File : VV030653.D
Acq On : 19 Apr 2023 05:50
Operator : SY/MD
Sample : 02360-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AQ1

Quant Time: Apr 19 06:22:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 18 02:45:56 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	303383	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	277938	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	127455	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	99383	44.686	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.380%			
7) Chloroethane-d5	1.536	69	78557	42.150	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 84.300%			
11) 1,1-Dichloroethene-d2	2.066	65	44337	42.037	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.080%			
21) 2-Butanone-d5	3.796	46	112099	91.766	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.770%			
24) Chloroform-d	4.259	84	166805	41.386	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.780%			
26) 1,2-Dichloroethane-d4	4.953	65	114227	44.082	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.160%			
32) Benzene-d6	4.970	84	327025	49.766	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.540%			
36) 1,2-Dichloropropane-d6	5.995	67	102310	50.123	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.240%			
41) Toluene-d8	7.249	98	284771	46.156	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.320%			
43) trans-1,3-Dichloroprop...	7.558	79	44054	42.821	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.640%			
47) 2-Hexanone-d5	8.034	63	69061	85.885	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 85.890%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	128884	43.514	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.020%			
66) 1,2-Dichlorobenzene-d4	11.567	152	102792	50.740	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.480%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	3380	1.439	ug/L #	72
20) cis-1,2-Dichloroethene	3.828	96	50506	21.650	ug/L	94
30) 1,1,1-Trichloroethane	4.523	97	58170	14.895	ug/L	99
33) Benzene	5.021	78	286867	33.989	ug/L	100
34) Trichloroethene	5.841	95	661355	301.252	ug/L	97
51) Chlorobenzene	8.821	112	928131	155.020	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	27208	6.837	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	578683	137.897	ug/L	100
67) 1,2-Dichlorobenzene	11.587	146	561328	139.816	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	81136	31.787	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	30147	11.911	ug/L	96

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

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