Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041723\
Data File : VV030606.D
Acq On : 17 Apr 2023 22:14
Operator : SY/MD
Sample : 02360-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 18 02:53:54 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

Instrument :
MSVOA_V
ClientSampleId :
C0AP9

Manual Integrations APPROVED

Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	221828	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	212788	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	102011	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	77090	47.406	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.820%			
7) Chloroethane-d5	1.532	69	61832	45.374	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.740%			
11) 1,1-Dichloroethene-d2	2.063	65	36574	47.426	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.860%			
21) 2-Butanone-d5	3.799	46	85529	95.757	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.760%			
24) Chloroform-d	4.262	84	139061	47.187	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.380%			
26) 1,2-Dichloroethane-d4	4.953	65	93935	49.578	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.160%			
32) Benzene-d6	4.969	84	254516	50.590	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.180%			
36) 1,2-Dichloropropane-d6	5.998	67	81542	52.179	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.360%			
41) Toluene-d8	7.252	98	220222	46.622	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.240%			
43) trans-1,3-Dichloroprop...	7.561	79	36294	46.079	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.160%			
47) 2-Hexanone-d5	8.034	63	55262	89.766	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.770%			
56) 1,1,2,2-Tetrachloroeth...	10.162	84	106072	46.777	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.560%			
66) 1,2-Dichlorobenzene-d4	11.570	152	83972	51.789	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.580%			
Target Compounds						Qvalue
3) Chloromethane	1.220	50	14511	5.800	ug/L	99
6) Bromomethane	1.487	94	2946	3.683	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	5849	3.404	ug/L #	85
12) 1,1-Dichloroethene	2.076	96	4598m	2.960	ug/L	
20) cis-1,2-Dichloroethene	3.834	96	8162	4.785	ug/L	97
30) 1,1,1-Trichloroethane	4.522	97	188348	62.993	ug/L	100
34) Trichloroethene	5.841	95	333643	198.508	ug/L	98

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

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