Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041723\
Data File : VV030605.D
Acq On : 17 Apr 2023 21:51
Operator : SY/MD
Sample : 02360-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 18 02:53:41 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 :
C0AP8

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	5.542	114	239706	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	219607	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	102215	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	78595	44.727	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.460%			
7) Chloroethane-d5	1.532	69	65051	44.176	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.360%			
11) 1,1-Dichloroethene-d2	2.063	65	37441	44.929	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.860%			
21) 2-Butanone-d5	3.796	46	86960	90.098	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.100%			
24) Chloroform-d	4.259	84	143914	45.192	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.380%			
26) 1,2-Dichloroethane-d4	4.950	65	96992	47.374	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.740%			
32) Benzene-d6	4.970	84	268717	51.755	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.500%			
36) 1,2-Dichloropropane-d6	5.998	67	82806	51.343	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.680%			
41) Toluene-d8	7.252	98	224986	46.152	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.300%			
43) trans-1,3-Dichloroprop...	7.561	79	37049	45.577	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.160%			
47) 2-Hexanone-d5	8.034	63	54395	85.614	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 85.610%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	102841	43.944	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.880%			
66) 1,2-Dichlorobenzene-d4	11.571	152	84320	51.900	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.800%			
Target Compounds						Qvalue
3) Chloromethane	1.221	50	14433	5.339	ug/L	95
6) Bromomethane	1.491	94	2689	3.111	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	12639	6.808	ug/L	97
12) 1,1-Dichloroethene	2.073	96	6267m	3.734	ug/L	
20) cis-1,2-Dichloroethene	3.825	96	55295	29.999	ug/L	96
30) 1,1,1-Trichloroethane	4.523	97	34882	11.304	ug/L	99
34) Trichloroethene	5.851	95	18331851m	10568.252	ug/L	
45) 1,1,2-Trichloroethane	7.777	97	4528	2.516	ug/L	88
46) Tetrachloroethene	7.915	164	1907	1.256	ug/L	88

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

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