Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031924\
Data File : VV034728.D
Acq On : 19 Mar 2024 12:24
Operator : SY/MD
Sample : P1751-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 20 01:22:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 20 01:19:21 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
YCL18

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	297374	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	281549	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	131368	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	150880	58.528	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 117.060%			
7) Chloroethane-d5	1.532	69	122028	60.759	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 121.520%			
11) 1,1-Dichloroethene-d2	2.060	65	69229	59.380	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 118.760%			
21) 2-Butanone-d5	3.786	46	197168	114.369	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 114.370%			
24) Chloroform-d	4.246	84	260366	57.122	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.240%			
26) 1,2-Dichloroethane-d4	4.937	65	178922	60.070	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 120.140%			
32) Benzene-d6	4.957	84	517156	60.862	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 121.720%			
36) 1,2-Dichloropropane-d6	5.985	67	157235	60.634	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 121.260%#			
41) Toluene-d8	7.239	98	459766	59.791	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 119.580%			
43) trans-1,3-Dichloroprop...	7.551	79	75156	57.714	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 115.420%			
47) 2-Hexanone-d5	8.024	63	120502	93.057	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.060%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	204144	59.821	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 119.640%			
66) 1,2-Dichlorobenzene-d4	11.558	152	170473	63.486	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 126.980%#			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	79101	35.523	ug/L #	65
13) Acetone	2.117	43	277018	133.665	ug/L	99
19) 1,1-Dichloroethane	3.114	63	16298	3.860	ug/L	95
20) cis-1,2-Dichloroethene	3.815	96	22382	9.571	ug/L	92
22) 2-Butanone	3.912	43	9786m	4.782	ug/L	
30) 1,1,1-Trichloroethane	4.516	97	19476	4.824	ug/L	97
34) Trichloroethene	5.834	95	37453	15.077	ug/L	96

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

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