Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037572.D
Acq On : 27 Sep 2024 00:48
Operator : SY/MD
Sample : P4184-18
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 27 03:40:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 02:22:28 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
EY044

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	664545	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	630233	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	306348	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	252299	43.249	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.500%			
7) Chloroethane-d5	1.532	69	200474	44.273	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.540%			
11) 1,1-Dichloroethene-d2	2.060	65	108378	44.468	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.940%			
21) 2-Butanone-d5	3.793	46	190296	91.584	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.580%			
24) Chloroform-d	4.243	84	450344	43.391	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.780%			
26) 1,2-Dichloroethane-d4	4.937	65	269764	44.406	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.820%			
32) Benzene-d6	4.953	84	898120	45.541	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.080%			
36) 1,2-Dichloropropane-d6	5.982	67	286126	45.563	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.120%			
41) Toluene-d8	7.236	98	801223	44.805	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.600%			
43) trans-1,3-Dichloroprop...	7.551	79	122104	41.856	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.720%			
47) 2-Hexanone-d5	8.024	63	116588	87.922	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.920%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	319651	43.808	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.620%			
66) 1,2-Dichlorobenzene-d4	11.554	152	300128	46.493	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.980%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	54644m	12.351	ug/L	
13) Acetone	2.114	43	38852	19.074	ug/L	100
19) 1,1-Dichloroethane	3.105	63	170282	18.989	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	94725	18.086	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	2162404	278.583	ug/L	100
34) Trichloroethene	5.828	95	186456	36.836	ug/L	99
46) Tetrachloroethene	7.899	164	408871	105.648	ug/L	99

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

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