Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031524\
Data File : VV034648.D
Acq On : 15 Mar 2024 13:07
Operator : SY/MD
Sample : P1752-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 15 23:33:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 23:30:32 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
YCL40

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	339697	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	305807	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	139681	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	90203	30.631	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 61.260%			
7) Chloroethane-d5	1.532	69	86819	37.842	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 75.680%			
11) 1,1-Dichloroethene-d2	2.060	65	44086	33.103	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.200%			
21) 2-Butanone-d5	3.796	46	202370	102.762	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.760%			
24) Chloroform-d	4.249	84	219941	42.241	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.480%			
26) 1,2-Dichloroethane-d4	4.940	65	155374	45.665	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.320%			
32) Benzene-d6	4.960	84	416699	45.149	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.300%			
36) 1,2-Dichloropropane-d6	5.989	67	135778	48.206	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.420%			
41) Toluene-d8	7.243	98	344676	41.268	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.540%			
43) trans-1,3-Dichloroprop...	7.554	79	57861	40.908	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.820%			
47) 2-Hexanone-d5	8.024	63	137321	97.634	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.630%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	183719	49.565	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.140%			
66) 1,2-Dichlorobenzene-d4	11.561	152	133852	46.881	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.760%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	57468	22.593	ug/L #	76
13) Acetone	2.124	43	844938	356.900	ug/L	98
19) 1,1-Dichloroethane	3.114	63	31662	6.565	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	42615	15.953	ug/L	94
22) 2-Butanone	3.921	43	12841m	5.493	ug/L	
27) 1,2-Dichloroethane	5.053	62	21087	5.192	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	4648	1.060	ug/L #	70
37) 1,2-Dichloropropane	6.104	63	4741	1.908	ug/L #	91

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

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