Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042224\
Data File : VV035330.D
Acq On : 22 Apr 2024 14:06
Operator : SY/MD
Sample : P2182-07 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 23 00:30:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:28:07 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MC0RC9

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/26/2024
Supervised By :Semsettin Yesilyurt 04/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	157192	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	136641	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	48751	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	51416	33.869	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 67.740%			
7) Chloroethane-d5	1.532	69	67912	51.505	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.000%			
11) 1,1-Dichloroethene-d2	2.057	65	17916	26.923	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 53.840%#			
21) 2-Butanone-d5	3.847	46	12349m	13.716	ug/L	0.06
Spiked Amount 100.000	Range 40 - 130		Recovery = 13.720%#			
24) Chloroform-d	4.249	84	177288	69.460	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 138.920%#			
26) 1,2-Dichloroethane-d4	4.941	65	143311	88.436	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 176.880%#			
32) Benzene-d6	4.960	84	256607	55.908	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.820%			
36) 1,2-Dichloropropane-d6	5.986	67	119573	82.040	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 164.080%#			
41) Toluene-d8	7.246	98	143158	34.633	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 69.260%#			
43) trans-1,3-Dichloroprop...	7.558	79	37934	53.537	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 107.080%			
47) 2-Hexanone-d5	8.027	63	52704	95.642	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.640%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	219173	109.200	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 218.400%#			
66) 1,2-Dichlorobenzene-d4	11.558	152	59658	54.504	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.000%			
Target Compounds						Qvalue
13) Acetone	2.121	43	6418	7.764	ug/L	98
51) Chlorobenzene	8.822	112	6060	2.004	ug/L	92
65) 1,4-Dichlorobenzene	11.214	146	5069	3.035	ug/L	96
67) 1,2-Dichlorobenzene	11.577	146	4876	2.980	ug/L	95
70) 1,2,4-trichlorobenzene	13.204	180	2374	2.183	ug/L	97
72) 1,2,3-Trichlorobenzene	13.683	180	983	0.917	ug/L	88

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

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