Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042224\
Data File : VV035331.D
Acq On : 22 Apr 2024 14:29
Operator : SY/MD
Sample : P2182-05 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MC0R94

Quant Time: Apr 23 00:30:39 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	159219	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	131694	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	49856	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	50453	32.812	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 65.620%			
7) Chloroethane-d5	1.532	69	66822	50.033	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.060%			
11) 1,1-Dichloroethene-d2	2.059	65	17673	26.220	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 52.440%#			
21) 2-Butanone-d5	0.000	46	0d	0.000	ug/L	
Spiked Amount 100.000	Range 40 - 130		Recovery = 0.000%#			
24) Chloroform-d	4.249	84	170624	65.998	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 132.000%#			
26) 1,2-Dichloroethane-d4	4.940	65	141604	86.270	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 172.540%#			
32) Benzene-d6	4.960	84	245268	55.445	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.880%			
36) 1,2-Dichloropropane-d6	5.989	67	116944	83.250	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 166.500%#			
41) Toluene-d8	7.246	98	134912	33.864	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 67.720%#			
43) trans-1,3-Dichloroprop...	7.558	79	35598	52.127	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.260%			
47) 2-Hexanone-d5	8.030	63	36374	68.487	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 68.490%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	212578	109.892	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 219.780%#			
66) 1,2-Dichlorobenzene-d4	11.561	152	61175	54.651	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.300%			
Target Compounds						Qvalue
13) Acetone	2.124	43	7813	9.332	ug/L	100
33) Benzene	5.008	78	396854	92.413	ug/L	100
51) Chlorobenzene	8.812	112	350729	120.365	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	7216	4.296	ug/L	96
65) 1,4-Dichlorobenzene	11.207	146	104702	61.298	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	105960	63.327	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	10050	9.038	ug/L	94
72) 1,2,3-Trichlorobenzene	13.689	180	2228	2.033	ug/L #	81

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

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