Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042324\
Data File : VV035366.D
Acq On : 23 Apr 2024 17:29
Operator : SY/MD
Sample : P2182-12 1000X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MC0RE5

Quant Time: Apr 23 23:31:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 23:26:51 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	402956	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	406107	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	190508	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	169133	43.462	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.920%			
7) Chloroethane-d5	1.532	69	144324	42.698	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.400%			
11) 1,1-Dichloroethene-d2	2.060	65	70267	41.191	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.380%			
21) 2-Butanone-d5	3.796	46	194833	84.416	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 84.420%			
24) Chloroform-d	4.246	84	308675	47.177	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.360%			
26) 1,2-Dichloroethane-d4	4.940	65	193079	46.479	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.960%			
32) Benzene-d6	4.957	84	610204	44.732	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.460%			
36) 1,2-Dichloropropane-d6	5.985	67	198943	45.926	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.860%			
41) Toluene-d8	7.243	98	515121	41.930	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.860%			
43) trans-1,3-Dichloroprop...	7.554	79	84786	40.262	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.520%			
47) 2-Hexanone-d5	8.024	63	111910	68.330	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 68.330%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	278006	46.605	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.200%			
66) 1,2-Dichlorobenzene-d4	11.558	152	215822	50.457	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.920%			
Target Compounds						Qvalue
33) Benzene	5.008	78	526336	39.746	ug/L	100
51) Chlorobenzene	8.808	112	1103311	122.787	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	12995	2.025	ug/L	95
65) 1,4-Dichlorobenzene	11.207	146	286253	43.858	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	276314	43.217	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	14774	3.477	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	4233	1.011	ug/L	96

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

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