Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121423\
Data File : VV033364.D
Acq On : 15 Dec 2023 02:47
Operator : SY/MD
Sample : 05802-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F7B25

Quant Time: Dec 15 04:10:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 08 21:51:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	195926	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	203337	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	124461	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	39382	33.624	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 67.240%			
7) Chloroethane-d5	1.532	69	29781	36.493	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 72.980%			
11) 1,1-Dichloroethene-d2	2.060	65	16108	36.151	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.300%			
21) 2-Butanone-d5	3.780	46	42943	73.819	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 73.820%			
24) Chloroform-d	4.249	84	114918	46.233	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.460%			
26) 1,2-Dichloroethane-d4	4.940	65	78615	50.871	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.740%			
32) Benzene-d6	4.960	84	214214	45.045	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.080%			
36) 1,2-Dichloropropane-d6	5.989	67	51830	40.534	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 81.060%			
41) Toluene-d8	7.243	98	217522	47.949	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.900%			
43) trans-1,3-Dichloroprop...	7.551	79	34738	42.963	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.920%			
47) 2-Hexanone-d5	8.024	63	44622	86.867	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.870%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	88115	48.477	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.960%			
66) 1,2-Dichlorobenzene-d4	11.561	152	119885	54.138	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.280%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.072	96	3499	3.562	ug/L #	1
17) trans-1,2-Dichloroethene	2.696	96	25015	19.396	ug/L	87
20) cis-1,2-Dichloroethene	3.812	96	765884	559.672	ug/L	91
27) 1,2-Dichloroethane	5.040	62	64395	33.195	ug/L	99
34) Trichloroethene	5.831	95	3205729	2082.464	ug/L	96
46) Tetrachloroethene	7.918	164	9597788	7252.835	ug/L	96
51) Chlorobenzene	8.818	112	3933	0.963	ug/L	91
70) 1,2,4-trichlorobenzene	13.197	180	21214	7.477	ug/L	97

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

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