Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122023\
Data File : VV033505.D
Acq On : 20 Dec 2023 12:37
Operator : SY/MD
Sample : 05850-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0QL9

Quant Time: Dec 21 01:46:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 21 01:43:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	287102	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	295069	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	134409	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	103736	46.919	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.840%			
7) Chloroethane-d5	1.535	69	93619	47.184	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.360%			
11) 1,1-Dichloroethene-d2	2.063	65	46846	42.564	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.120%			
21) 2-Butanone-d5	3.786	46	104510	93.790	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.790%			
24) Chloroform-d	4.249	84	194040	44.368	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.740%			
26) 1,2-Dichloroethane-d4	4.941	65	126475	47.075	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.160%			
32) Benzene-d6	4.963	84	372335	46.851	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.700%			
36) 1,2-Dichloropropane-d6	5.989	67	118865	49.282	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.560%			
41) Toluene-d8	7.243	98	310992	42.767	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.540%			
43) trans-1,3-Dichloroprop...	7.555	79	49459	41.841	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.680%			
47) 2-Hexanone-d5	8.024	63	66703	82.222	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 82.220%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	145851	42.073	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 84.140%			
66) 1,2-Dichlorobenzene-d4	11.561	152	126330	50.017	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.040%			
Target Compounds						Qvalue
13) Acetone	2.114	43	5716	4.419	ug/L	95
25) Chloroform	4.281	83	8907	2.159	ug/L	97
33) Benzene	5.011	78	388678	49.421	ug/L	100
51) Chlorobenzene	8.812	112	1446852	240.846	ug/L	96
64) 1,3-Dichlorobenzene	11.117	146	59210	14.926	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	281066	65.832	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	685149	165.938	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	70401	29.356	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	29404	12.535	ug/L	99

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

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