Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041123\
Data File : VU053637.D
Acq On : 11 Apr 2023 16:01
Operator : JC/MD
Sample : 02251-08DL 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0MC6DL

Quant Time: Apr 12 02:25:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 12 02:22:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	247432	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	233697	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	121859	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	68497	35.552	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 71.100%			
7) Chloroethane-d5	1.909	69	63418	42.691	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.380%			
11) 1,1-Dichloroethene-d2	2.565	63	85918	28.808	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 57.620%#			
21) 2-Butanone-d5	4.613	46	94436	108.260	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.260%			
24) Chloroform-d	5.057	84	133036	41.752	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.500%			
26) 1,2-Dichloroethane-d4	5.697	65	87103	46.262	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.520%			
32) Benzene-d6	5.723	84	272486	43.196	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.400%			
36) 1,2-Dichloropropane-d6	6.684	67	86017	44.612	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.220%			
41) Toluene-d8	7.893	98	248868	39.694	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.380%#			
43) trans-1,3-Dichloroprop...	8.176	79	40794	40.988	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.980%			
47) 2-Hexanone-d5	8.626	63	70685	107.418	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.420%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	128601	47.322	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.640%			
66) 1,2-Dichlorobenzene-d4	12.189	152	106609	41.912	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.820%			
Target Compounds						Qvalue
16) Methylene chloride	3.041	84	15706	9.204	ug/L	95
25) Chloroform	5.083	83	6655	2.296	ug/L	79
33) Benzene	5.768	78	345175	56.690	ug/L	100
51) Chlorobenzene	9.443	112	335501	70.569	ug/L	95
64) 1,3-Dichlorobenzene	11.742	146	48783	12.958	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	246719	64.302	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	274133	73.063	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	34155	13.214	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	12986	5.030	ug/L	98

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

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