Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121123\
Data File : VX039140.D
Acq On : 11 Dec 2023 13:51
Operator : JC/MD
Sample : 05646-14DL 2000X
Misc : 2.54g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0AS1DL

Quant Time: Dec 12 03:54:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	274175	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	253000	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	119205	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	88171	41.001	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.000%			
7) Chloroethane-d5	1.672	69	66640	41.925	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.840%			
11) 1,1-Dichloroethene-d2	2.306	65	44975	47.644	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.280%			
21) 2-Butanone-d5	4.446	46	181049	93.007	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.010%			
24) Chloroform-d	5.056	84	175999	46.232	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.460%			
26) 1,2-Dichloroethane-d4	5.952	65	123439	50.068	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.140%			
32) Benzene-d6	5.970	84	374738	47.994	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.980%			
36) 1,2-Dichloropropane-d6	7.306	67	120164	47.821	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.640%			
41) Toluene-d8	8.647	98	332782	47.030	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.060%			
43) trans-1,3-Dichloroprop...	8.946	79	59250	46.335	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.680%			
47) 2-Hexanone-d5	9.378	63	133723	89.100	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.100%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	168271	47.206	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.420%			
66) 1,2-Dichlorobenzene-d4	12.317	152	114854	50.974	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.940%			
Target Compounds						Qvalue
51) Chlorobenzene	10.079	112	23836	4.526	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	4647	1.246	ug/L	88
65) 1,4-Dichlorobenzene	12.043	146	144861	38.344	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	23013	6.453	ug/L	95
70) 1,2,4-trichlorobenzene	13.585	180	70366	30.273	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	19912	8.847	ug/L	99

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

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