

Supplementary Table 4 - RT drift in biological matrix with lysis buffer (MetOH:ACN:H2O)

	Standard RT	Matrix RT	DEVIATION (min)
L-Alanine	1.3	1.19	-0.09
L-Arginine	1.1	1.18	0.08
L-Aspartate	1.3	1.19	-0.08
L-Cysteine	1.26	1.20	-0.05
L-Cystine	1.16	1.20	0.03
L-Citrulline	1.27	0.81	-0.36
L-Glutamate	1.2	1.19	-0.01
Glycine	1.14	1.19	0.04
L-Histidine	1.22	1.08	-0.11
trans-L-3-Hydroxyproline	1.22	1.20	-0.02
L-Isoleucine	1.78	1.55	-0.13
L-Leucine	1.72	1.24	-0.28
L-Lysine	1.05	1.07	0.02
L-Methionine	1.64	1.23	-0.25
L-Ornithine	1.03	0.80	-0.23
L-Phenylalanine	2.92	1.96	-0.33
L-Proline	1.25	1.21	-0.03
L-Serine	1.24	1.19	-0.04
L-Threonine	1.29	1.19	-0.08
L-Tyrosine	1.79	1.94	0.08
L-Valine	1.41	1.22	-0.13
L-Asparagine	1.21	1.19	-0.02
L-Glutamine	1.19	1.19	0.00
L-Tryptophan	2.79	1.35	-0.52
MEDIAN			-0.06