Supplementary Table S2: Ion transitions and key performance parameters of the kynurenine pathway metabolites HPLC-MS/MS assay.

Compound	Moleclar weight [g/mol]	Ion transition [m/z]	Collision energy [eV]	Lower limit of quantitation [ng/mL]	Range of reliable response [ng/mL]	Correlation coefficient of calibration curves r^2 (n=3)
Nicotinamide (NTA)	122.12	122.75 → 79.70	18	1	1-10,000	.997
Picolinic acid (PA)	123.11	123.75 → 77.70	17	1	1-10,000	.998
Quinolinic acid (QA)	167.12	167.85 → 77.70	20	1	1-10,000	.996
3-Hydroxykynurenine (3-HK)	224.21	225.12 → 109.80	18	1	1-10,000	.993
Serotonin (5-HT)	176,21	176.90 → 114.80	22	500	500-10,000	.998
Kynurenine (KYN)	208.21	209.05 → 93.70	15	1	1-10,000	.996
3-Hydroxyanthranilic acid (3HAA)	153.14	153.85 → 79.75	25	10	10-10,000	.998
Tryptophan (TRP)	204.23	205.10 → 145.80	18	50	50-10,000	.998
Xanthurenic acid (XT)	205.17	206.05 → 131.80	27	5	5-10,000	.999
Kynurenic acid (KA)	189.17	190.00 → 143.85	18	1	1-5,000	.999
5-Hydroxyindoleacetic acid (5HIAA)	191.18	192.00 → 146.00	15	500	500-10,000	.996
Anthranilic acid (AA)	137.14	137.82 → 64.75	25	1	1-10,000	.999