

Electronic Supplementary information

Table 5: Accuracy (%) and precision (RSD) measured on spiked ultrapure water samples; an example of intra-day reproducibility data determined by repeating measurements of four different Pig 1 samples on two different days. Values reported for intra-day reproducibility are the average of two measurements, while error is given as the relative standard deviation of those measurements. Average MLQs observed in decomposition fluids are also given.

Compound	QA data on spiked ultrapure water samples		Intra-day reproducibility measured in decomposition fluids				Average MLQ in decomposition fluids (ng/μL)
	Accuracy (%)	Precision (RSD)	Pig 1 5.9.07 μg/μL (±RSD)	Pig 1 7.9.07 μg/μL (±RSD)	Pig 1 10.9.07 μg/μL (±RSD)	Pig 1 11.9.07 μg/μL (±RSD)	
Histamine	93	12	114±23%	198±28%	41±15%	76±16%	0.70
Indole	84	17	n.a.	n.a.	n.a.	n.a.	n.a.
L-arginine	104	10	15±35%	15±7%	15±1%	34±17%	0.09
Asparagine	90	10	4±21%	14±6%	8±9%	9± 21%	0.18
L-glutamic acid	90	12	2953±15%	5600±34%	6142±12%	6477±6%	4.40
L-histidine	98	6	4±13%	3±2%	2±14%	19±24%	0.16
L-iso-leucine	90	8	75±4%	115±19%	240±10%	285±21%	0.09
L-leucine	86	6	137±16%	195±35%	350±14%	453±38%	0.10
L-lysine	107	11	94±22%	99±6%	326±14%	316±10%	0.10
L-methionine	82	8	30±4%	27±35%	89±4%	71±34%	0.13
L-proline	91	13	78±21%	86±6%	235±12%	234±15%	0.13
L-serine	82	11	56±7%	62±16%	10±10%	82±8%	0.28
L-threonine	92	7	75±6%	54±22%	7±7%	87±28%	0.27
L-valine	95	11	103±29%	96±34 %	322±16 %	278±18%	0.10
L-phenylalanine	82	3	61±20 %	94±26 %	182±17 %	203±23 %	0.03
Putrescine	98	4	214±4 %	1705±3 %	663±2 %	1607±8 %	0.49
L-tryptophan	102	12	17±18 %	28±19 %	40±6 %	47±10 %	0.01
Tyrosine	105	8	1787±2 %	2816±19 %	4170±3 %	5034±6%	3.40
Tyramine	98	6	3406±7 %	7396±10 %	1035±18%	n.a.	0.22