Table S1. Recovery of the six heavy metals.

Matrix type	Heavy metal element	Recovery (%)[a]		
Non-fatty solid phase	Pb (mg/kg)	98.96±0.53	97.29±1.03	95.21±2.14
	Cd (mg/kg)	89.06±2.20	91.02±2.04	90.96±5.37
	As (mg/kg)	99.01±5.46	101.82±1.11	103.56±8.50
	Sn (mg/kg)	104.23±0.53	109.78±8.43	111.97±14.78
	Hg (μg/kg)	115.65±4.04	118.02±3.31	112.02±5.82
	Me-Hg (μg/kg)	80.97±3.12	85.06±4.62	94.56±4.25
Fatty solid phase	Pb (mg/kg)	97.86±4.20	90.34±1.05	80.65±0.65
	Cd (mg/kg)	83.23±2.10	85.67±9.45	90.78±6.65
	As (mg/kg)	99.02±0.54	101.23±1.04	104.65±2.15
	Sn (mg/kg)	107.98±5.38	111.92±2.03	114.86±2.19
	Hg (μg/kg)	116.78±8.49	112.65±1.10	104.65±5.45
	Me-Hg (μg/kg)	102.23±14.68	113.23±8.42	119.87±0.52
Non-fatty liquid phase	Pb (mg/kg)	83.06±5.83	85.87±3.30	89.06±4.03
	Cd (mg/kg)	84.02±4.21	90.34±4.61	94.54±3.11
	As (mg/kg)	100.29±2.06	105.76±5.76	108.87±9.04
	Sn (mg/kg)	110.64±1.23	115.23±1.46	116.76±2.97
	Hg (μg/kg)	112.54±7.05	99.07±8.52	93.65±6.13
	Me-Hg (μg/kg)	93.02±3.07	99.78±1.20	103.45±2.85
Fatty liquid phase	Pb (mg/kg)	94.02±4.56	108.96±5.02	103.23±0.76
	Cd (mg/kg)	100.29±10.26	98.76±13.91	87.56±4.56
	As (mg/kg)	101.87±7.84	104.72±8.21	112.96±5.23
	Sn (mg/kg)	114.79±2.67	118.02±5.01	105.02±0.87
	Hg (μg/kg)	95.47±7.41	89.76±4.03	90.78±1.78
	Me-Hg (μg/kg)	92.87±3.51	84.01±5.40	88.93±4.30

[a]Recovery was evaluated with 0.25, 1.0, 10.0 mg/kg for Pb, Cd, As, and Sn and 5, 20, 100 μg/kg for Hg and Me-Hg spiked concentrations and are shown as mean ± relative standard deviation (n=3).