

Multi-Elemental Contamination and Historic Record in Sediments from the Santos-Cubatão Estuarine System, Brazil

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Table S1. Concentrations (average \pm standard deviation, n=2) of major, minor and trace elements (in mg kg^{-1} , unless otherwise indicated) determined for the reference material LKSD-3 (CANMET) and the in-house standard DST6 (Acme Analytical Laboratories) by ICP-MS

	Reference value	Our value	Recovery / (%)		Reference value	Our value	Recovery / (%)
Li	25 \pm 2	28.8 \pm 1.2	115.2	As	27 \pm 2	22.9 \pm 0.8	84.8
Be*	3.3	3.0 \pm 0.0	90.9	Rb	78 \pm 10	77.6 \pm 0.8	99.5
Na (%)	1.72 \pm 0.07	1.75 \pm 0.00	101.7	Sr	240 \pm 42	272 \pm 3	113.3
Mg (%)	1.20 \pm 0.06	1.14 \pm 0.07	95.0	Y	30 \pm 10	26.6 \pm 0.1	88.7
Al (%)	6.61 \pm 0.21	6.55 \pm 0.27	99.1	Zr*	50.1	62.2 \pm 1.2	124.2
P	1090 \pm 40	1146 \pm 8	105.1	Nb*	8.11	9.16 \pm 0.11	112.9
S (%)	0.14 \pm 0.03	0.17 \pm 0.01	121.4	Mo*	12.70	12.8 \pm 0.1	100.8
K (%)	1.84 \pm 0.07	1.66 \pm 0.02	90.2	Ag	2.7 \pm 0.11	2.67 \pm 18	98.9
Ca (%)	1.64 \pm 0.14	1.77 \pm 0.01	107.9	Cd*	5.60	5.66 \pm 0.01	101.1
Sc	13 \pm 2	12.6 \pm 0.5	96.9	Sn	3 \pm 2	2.1 \pm 0.0	70.0
Ti	3330 \pm 330	3195 \pm 21	95.9	Sb	1.3 \pm 0.1	1.27 \pm 0.01	97.7
V	82 \pm 8	84.1 \pm 1.6	102.6	Cs	2.3 \pm 0.3	2.6 \pm 0.1	113.0
Cr	87 \pm 8	76.5 \pm 0.7	87.9	Hf	4.8 \pm 0.7	3.6 \pm 0.1	75.0
Mn	1440 \pm 80	1472 \pm 4	102.2	Ta	0.7 \pm 0.1	0.96 \pm 0.10	137.1
Fe (%)	4.0 \pm 0.2	4.21 \pm 0.02	105.3	Pb	29 \pm 3	33.7 \pm 1.3	116.2
Co	30 \pm 2	32.6 \pm 0.3	108.7	Bi*	4.70	4.86 \pm 0.07	103.4
Ni	47 \pm 5	49.4 \pm 2	105.1	Th	11.4 \pm 0.7	11.6 \pm 0.0	101.8
Cu	35 \pm 3	38.1 \pm 0.0	108.9	U	4.6 \pm 0.5	4.6 \pm 0.0	100.0
Zn	152 \pm 14	167 \pm 1.5	109.9				
Ga	17 \pm 4	16.85 \pm 0.03	99.1				

*DST6 (in-house standard).

