

A new approach to assess the degree of contamination and determine sources and risks related to PTEs in an urban environment: the case study of Santiago (Chile).

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Supplementary Material S1. Instrumental detection limits, accuracy error and relative percent difference (used to determine precision) of selected PTEs (HMTRI, 1997).

Element	U. M.	Instrumental Detection Limit (IDL)	Accuracy Error %	Relative Percent Difference (RPD) %
As	mg/kg	0.1	3.57	0.91
Be	mg/kg	1	7.14	38.52
Cd	mg/kg	0.01	1.53	3.08
Co	mg/kg	0.1	3.68	3.73
Cr	mg/kg	0.5	5.63	2.40
Cu	mg/kg	0.01	0.92	3.76
Mo	mg/kg	0.01	4.12	0.76
Ni	mg/kg	0.1	1.04	3.25
Pb	mg/kg	0.01	0.01	0.18
Sb	mg/kg	0.02	1.58	8.62
Sn	mg/kg	0.1	4.69	1.56
Tl	mg/kg	0.02	1.23	5.13
V	mg/kg	2	4.07	1.66
Zn	mg/kg	0.1	2.64	2.50
Hg	µg/kg	5	8.75	2.13

References

HMTRI (Hazardous Materials Training, Research Institute). (1997). Site characterization: Sampling and analysis. New York: Van Nostrand Reinhold.