Table of assigned values

Parameter	Sample	Unit	Assigned value	±	U (k=2)	Criterion	Criterion [%]
Antimony	AB13	mg/kg dm	92.9	±	4.8	13.9	15
Arsenic	AB13	mg/kg dm	5.58	±	0.298	0.837	15
Barium	AB13	mg/kg dm	8850	±	1720	3540	40
Benzo[a]pyrene	AB13	mg/kg dm	0.105	±	0.0215	0.0494	47
Cadmium	AB13	mg/kg dm	1.04	±	0.0519	0.156	15
Chromium	AB13	mg/kg dm	522	±	29.2	78.3	15
Cobalt	AB13	mg/kg dm	71.1	±	5.14	12.8	18
Copper	AB13	mg/kg dm	2260	±	43.6	226	10
Dry mass	AB13	%	99.4	±	0.0533	0.497	0.5
HC-Index	AB13	mg/kg dm	1160	±	157	407	35
Lead	AB13	mg/kg dm	165	±	7.67	21.5	13
Mercury *	AB13	mg/kg dm	-	±	-	-	-
Molybdenum	AB13	mg/kg dm	159	±	5.99	15.9	10
Nickel	AB13	mg/kg dm	490	±	15.7	49	10
Selenium	AB13	mg/kg dm	1.25	±	0.248	0.414	33
Silver	AB13	mg/kg dm	5.48	±	0.345	0.877	16
Sum 16 PAH (acc. to EPA)	AB13	mg/kg dm	1.9	±	0.278	0.683	36
Tin	AB13	mg/kg dm	232	±	12.3	34.8	15
TOC (as C)	AB13	mg/kg dm	38100	±	846	3810	10
Vanadium	AB13	mg/kg dm	106	±	5.84	16	15
Zinc	AB13	mg/kg dm	3820	±	88.8	382	10
TOC_(ON L1080) **	AB13	% dm	3.8	±	0.0949	0.38	10
LOI (550°C)	AB13	% dm	4.8	±	0.0789	0.48	10

* For the following parameter, the calculated mean value MV +/- U(k=2) based on the data of the accredited laboratories (n) is listed for information.

This can be used for comparison as part of your internal QA measures:
Mercury: MV(n=11 accr. CVAAS/AFS) +/- U(k=2): 0.0249 +/- 0.00863 mg/kg dm

** Supplement: For the informative data evaluation of parameter TOC_(ON L1080) the calculated mean value MV +/- U(k=2) based on n=3 accredited laboratories working according to ÖNORM L1080 is used.

TOC_(ON L1080): MV(n=3 accr. lab) +/- U(k=2): 3.80 +/- 0.0949 % dm
additional informative mean value for TOC_(ON L1080): MV(n=7 labs; ÖNORM L1080): 3.95+/- 0.175 % dm

Legend:

Assigned value	Target value for proficiency assessment of the participants (3 significant digits)
U (k=2)	Expanded uncertainty (k=2) of the assigned value (3 significant digits)
Criterion	Specified value for the determination of the z-score in the given unit (3 significant digits)
Criterion [%]	Specified value for the determination of the z-score in % of the assigned value (2 significant digits)