umweltbundesamt
ENVIRONMENT AGENCY AUSTRIA

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Table of assigned values

Parameter	Sample	Unit	Assigned value	±	U (k=2)	Criterion	Criterion [%]
Acenaphthene	P23 A	ng/l	13.9	±	0.552	2.64	19
	P23 B	ng/l	135	±	6.22	25.7	19
Acenaphthylene	P23 A	ng/l	10.8	±	0.79	2.59	24
	P23 B	ng/l	104	±	5.36	25	24
Anthracene	P23 A	ng/l	12.6	±	0.723	3.29	26
	P23 B	ng/l	171	±	9.03	44.5	26
Benzo[a]anthracene	P23 A	ng/l	16.1	±	1.46	3.37	21
	P23 B	ng/l	109	±	6.92	22.9	21
Benzo[a]pyrene	P23 A	ng/l	12.6	±	2.25	3.03	24
	P23 B	ng/l	109	±	8.57	26.1	24
Benzo[b]fluoranthene	P23 A	ng/l	15.5	±	2.12	2.64	17
	P23 B	ng/l	94.9	±	7.06	16.1	17
Benzo[g,h,i]perylene	P23 A	ng/l	14.1	±	1.46	4.5	32
	P23 B	ng/l	139	±	8.96	44.4	32
Benzo[k]fluoranthene	P23 A	ng/l	15	±	1.5	3.91	26
	P23 B	ng/l	121	±	6.99	31.5	26
Chrysene	P23 A	ng/l	12.9	±	0.849	2.84	22
	P23 B	ng/l	141	±	7.44	31	22
Dibenzo[a,h]anthracene	P23 A	ng/l	16.3	±	2.56	4.89	30
	P23 B	ng/l	117	±	16.8	35.1	30
Fluoranthene	P23 A	ng/l	19.3	±	1.32	3.48	18
	P23 B	ng/l	147	±	7.76	26.4	18
Fluorene	P23 A	ng/l	20.9	±	1.69	2.92	14
	P23 B	ng/l	84.9	±	4.59	11.9	14
Indeno[1,2,3-cd]pyrene	P23 A	ng/l	15.1	±	1.86	3.17	21
	P23 B	ng/l	76.4	±	5.56	10.7	14
Naphthalene	P23 A	ng/l	22.7	±	3.5	4.77	21
	P23 B	ng/l	137	±	8.6	28.9	21
Phenanthrene	P23 A	ng/l	14.8	±	0.953	2.21	15
	P23 B	ng/l	144	±	2.72	21.6	15
Pyrene	P23 A	ng/l	12.6	±	0.683	2.02	16
	P23 B	ng/l	144	±	7.27	23.1	16

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)