

Table of assigned values

Parameter	Sample	Unit	Assigned value ± U (k=2)		Criterion	Criterion [%]
Acenaphthene	P27 A	ng/l	23.8 ±	3.37	4.53	19
	P27 B	ng/l	324 ±	36	61.5	19
Acenaphthylene	P27 A	ng/l	14 ±	1.76	3.35	24
	P27 B	ng/l	251 ±	29.9	60.1	24
Anthracene	P27 A	ng/l	24.7 ±	2.33	5.19	21
	P27 B	ng/l	355 ±	52.6	74.6	21
Benzo[a]anthracene	P27 A	ng/l	22.5 ±	1.54	4.72	21
	P27 B	ng/l	313 ±	30.1	65.8	21
Benzo[a]pyrene	P27 A	ng/l	22.3 ±	6.03	10	45
	P27 B	ng/l	249 ±	47.7	87.1	35
Benzo[b]fluoranthene	P27 A	ng/l	27.8 ±	0.891	4.72	17
	P27 B	ng/l	341 ±	26.9	57.9	17
Benzo[g,h,i]perylene	P27 A	ng/l	16.6 ±	2.11	4.15	25
	P27 B	ng/l	281 ±	18.9	70.2	25
Benzo[k]fluoranthene	P27 A	ng/l	14.7 ±	1.56	3.09	21
	P27 B	ng/l	244 ±	30.6	51.2	21
Chrysene	P27 A	ng/l	24.2 ±	1.66	5.32	22
	P27 B	ng/l	275 ±	25.1	60.5	22
Dibenzo[a,h]anthracene	P27 A	ng/l	16.9 ±	1.7	5.08	30
	P27 B	ng/l	203 ±	47.3	60.9	30
Fluoranthene	P27 A	ng/l	21.6 ±	1.56	3.89	18
	P27 B	ng/l	346 ±	44.3	72.6	21
Fluorene	P27 A	ng/l	22.1 ±	2.07	3.09	14
	P27 B	ng/l	218 ±	21.7	32.6	15
Indeno[1,2,3-cd]pyrene	P27 A	ng/l	20.9 ±	2.29	5.22	25
	P27 B	ng/l	228 ±	56.1	98.1	43
Naphthalene	P27 A	ng/l	23.9 ±	3.19	5.03	21
	P27 B	ng/l	452 ±	86.9	136	30
Phenanthrene	P27 A	ng/l	21.1 ±	1.43	3.17	15

Parameter	Sample	Unit	Assigned value ± U (k=2)	Criterion	Criterion [%]
Phenanthrene	P27 B	ng/l	301 ± 27.2	45.1	15
Pyrene	P27 A	ng/l	24 ± 1.48	3.83	16
	P27 B	ng/l	295 ± 20.2	47.2	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)