

Table of assigned values Polycyclic Aromatic Hydrocarbons P24

1<sup>st</sup> Edition, 26.05.2023

## Table of assigned values

Parameter	Sample	Unit	Assigned value ±	U (k=2)	Criterion	Criterion [%]
Acenaphthene	P24 A	ng/l	26.7 ±	1.44	5.08	19
	P24 B	ng/l	180 ±	10	34.1	19
Acenaphthylene	P24 A	ng/l	24.5 ±	2.84	5.89	24
	P24 B	ng/l	143 ±	10.4	34.4	24
Anthracene	P24 A	ng/l	24.6 ±	1.09	6.39	26
	P24 B	ng/l	181 ±	7.66	47.2	26
Benzo[a]anthracene	P24 A	ng/l	22.7 ±	1.46	4.77	21
	P24 B	ng/l	147 ±	7.68	30.8	21
Benzo[a]pyrene	P24 A	ng/l	15.7 ±	1.37	3.78	24
	P24 B	ng/l	147 ±	8.62	35.4	24
Benzo[b]fluoranthene	P24 A	ng/l	23.8 ±	1.52	4.05	17
	P24 B	ng/l	137 ±	8.16	23.3	17
Benzo[g,h,i]perylene	P24 A	ng/l	23.2 ±	1.75	7.43	32
	P24 B	ng/l	152 ±	11.6	48.6	32
Benzo[k]fluoranthene	P24 A	ng/l	21.6 ±	1.11	5.61	26
	P24 B	ng/l	153 ±	8.4	39.9	26
Chrysene	P24 A	ng/l	26.9 ±	1.19	5.91	22
	P24 B	ng/l	180 ±	7.8	39.7	22
Dibenzo[a,h]anthracene	P24 A	ng/l	25.7 ±	1.57	7.7	30
	P24 B	ng/l	131 ±	19.2	39.2	30
Fluoranthene	P24 A	ng/l	27.2 ±	1.49	4.9	18
	P24 B	ng/l	180 ±	8.62	32.3	18
Fluorene	P24 A	ng/l	27.4 ±	1.24	3.83	14
	P24 B	ng/l	131 ±	7.6	18.3	14
Indeno[1,2,3-cd]pyrene	P24 A	ng/l	21.2 ±	1.58	4.23	20
	P24 B	ng/l	111 ±	7.43	20.1	18
Naphthalene	P24 A	ng/l	36.2 ±	3.55	7.6	21
	P24 B	ng/l	182 ±	12.7	38.3	21
Phenanthrene	P24 A	ng/l	29.6 ±	3.63	9.18	31
	P24 B	ng/l	180 ±	13.7	26.9	15
Pyrene	P24 A	ng/l	25.4 ±	1.57	4.06	16
	P24 B	ng/l	179 ±	8.09	28.7	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)