

Table of assigned values

Parameter	Sample	Unit	Assigned value ±	U (k=2)	Criterion	Criterion [%]
Benzene	B14 A	µg/l	1.17 ±	0.0842	0.187	16
	B14 B	µg/l	6.72 ±	0.372	1.08	16
Ethylbenzene	B14 A	µg/l	1.44 ±	0.102	0.288	20
	B14 B	µg/l	6.27 ±	0.421	1.25	20
Methyl-tert-butyl-ether	B14 A	µg/l	1.54 ±	0.156	0.247	16
	B14 B	µg/l	6.35 ±	0.663	0.826	13
o-Xylene	B14 A	µg/l	1.51 ±	0.113	0.226	15
	B14 B	µg/l	6.5 ±	0.486	0.976	15
Sum of m-Xylene and p-Xylene	B14 A	µg/l	2.71 ±	0.264	0.542	20
	B14 B	µg/l	9.01 ±	0.786	1.8	20
Toluene	B14 A	µg/l	1.08 ±	0.0828	0.237	22
	B14 B	µg/l	6.69 ±	0.56	1.47	22

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)