

## Table of assigned values

Parameter	Sample	Unit	Assigned value ± U (k=2)	Criterion	Criterion [%]
1,1,1-Trichloroethane	CL11 - CHC	µg/tube	2.13 ± 0.241	0.49	23
Benzene	BL12 - BTEX & C5-C10	µg/tube	4.68 ± 0.154	0.702	15
cis-1,2-Dichloroethene	CL11 - CHC	µg/tube	1.72 ± 0.318	0.619	36
Ethylbenzene	BL12 - BTEX & C5-C10	µg/tube	4.28 ± 0.313	0.771	18
n-Decane	BL12 - BTEX & C5-C10	µg/tube	2.43 ± 0.409	0.73	30
n-Heptane	BL12 - BTEX & C5-C10	µg/tube	5.79 ± 0.457	1.04	18
n-Hexane	BL12 - BTEX & C5-C10	µg/tube	6.03 ± 0.453	0.964	16
n-Nonane	BL12 - BTEX & C5-C10	µg/tube	4.28 ± 0.443	0.856	20
n-Octane	BL12 - BTEX & C5-C10	µg/tube	5.53 ± 0.404	0.94	17
n-Pentane	BL12 - BTEX & C5-C10	µg/tube	5.78 ± 0.374	1.73	30
o-Xylene	BL12 - BTEX & C5-C10	µg/tube	3.8 ± 0.335	0.684	18
Sum of m-Xylene and p-Xylene	BL12 - BTEX & C5-C10	µg/tube	7.89 ± 0.8	1.5	19
Tetrachloroethene	CL11 - CHC	µg/tube	1.09 ± 0.199	0.414	38
Tetrachloromethane	CL11 - CHC	µg/tube	2.56 ± 0.205	0.564	22
Toluene	BL12 - BTEX & C5-C10	µg/tube	4.41 ± 0.306	0.662	15
trans-1,2-Dichloroethene	CL11 - CHC	µg/tube	1.57 ± 0.422	0.755	48
Trichloroethene	CL11 - CHC	µg/tube	1.66 ± 0.269	0.549	33
Trichloromethane	CL11 - CHC	µg/tube	2.12 ± 0.148	0.297	14

### 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)