

Table of assigned values CHC and BTEX & C5-C10 - CBL05

1<sup>st</sup> Edition, 15.11.2019

## Table of assigned values

Parameter	Sample	Unit	Assigned value ±	U (k=2)	Criterion	Criterion [%]
1,1,1-Trichloroethane	CL06 - CHC	µg/tube	4.65 ±	0.414	0.876	19
Benzene	BL07 - BTEX & C5-C10	µg/tube	5.97 ±	0.227	0.495	8.3
cis-1,2-Dichloroethene	CL06 - CHC	µg/tube	2.78 ±	0.647	1.2	43
Ethylbenzene	BL07 - BTEX & C5-C10	µg/tube	5.86 ±	0.453	1.06	18
n-Decane	BL07 - BTEX & C5-C10	µg/tube	3.3 ±	0.913	1.39	42
n-Heptane	BL07 - BTEX & C5-C10	µg/tube	6.52 ±	0.816	1.5	23
n-Hexane	BL07 - BTEX & C5-C10	µg/tube	6.68 ±	0.786	1.42	21
n-Nonane	BL07 - BTEX & C5-C10	µg/tube	5.39 ±	0.954	1.56	29
n-Octane	BL07 - BTEX & C5-C10	µg/tube	6.38 ±	0.846	1.5	23
n-Pentane	BL07 - BTEX & C5-C10	µg/tube	6.61 ±	1.69	2.53	38
o-Xylene	BL07 - BTEX & C5-C10	µg/tube	5.52 ±	0.368	0.823	15
Sum of m- and p-Xylene	BL07 - BTEX & C5-C10	µg/tube	11.2 ±	0.913	2.2	20
Tetrachloroethene	CL06 - CHC	µg/tube	3.81 ±	0.363	0.747	20
Tetrachloromethane	CL06 - CHC	µg/tube	5.53 ±	0.659	1.24	22
Toluene	BL07 - BTEX & C5-C10	µg/tube	6.12 ±	0.353	0.81	13
trans-1,2-Dichloroethene	CL06 - CHC	µg/tube	*2.45 ±	0.801	-	-
Trichloroethene	CL06 - CHC	µg/tube	3.83 ±	0.396	0.76	20
Trichloromethane	CL06 - CHC	µg/tube	4.14 ±	0.522	0.994	24

\* no evaluation possible, for details please see the respective report

### 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 (3 significant digits)