

Table of assigned values BTEX/MTBE - B11

1st Edition, 09.09.2019

Table of assigned values

Parameter	Sample	Unit	Assigned value ±	U (k=2)	Criterion	Criterion [%]
Benzene	B11 A	µg/l	1.91 ±	0.186	0.267	14
	B11 B	µg/l	4.66 ±	0.444	0.652	14
Ethylbenzene	B11 A	µg/l	1.03 ±	0.114	0.216	21
	B11 B	µg/l	3.4 ±	0.337	0.715	21
Methyl-tert-butyl-ether	B11 A	µg/l	1.17 ±	0.0679	0.176	15
	B11 B	µg/l	8.24 ±	0.193	1.24	15
o-Xylene	B11 A	µg/l	0.76 ±	0.09	0.114	15
	B11 B	µg/l	6.15 ±	0.457	0.922	15
Sum of m-Xylene and p-Xylene	B11 A	µg/l	1.27 ±	0.15	0.203	16
	B11 B	µg/l	6.3 ±	0.79	1.01	16
Toluene	B11 A	µg/l	0.737 ±	0.0892	0.125	17
	B11 B	µg/l	2.21 ±	0.385	0.376	17

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)