ENVIRONMENT AGENCY AUSTRIA **umwelt**bundesamt

Summary of results, after removal of outliers

Parameter	Sample	Unit	Number of results for calculation	Number of outliers	Mean	± CI (99%)	Minimum	Maximum	SD	RSD %
Benzene	BL05 - BTEX & C5-C10	µg/tube	17	6	6.27	± 0.556	4.2	7.44	0.764	12
Ethylbenzene	BL05 - BTEX & C5-C10	µg/tube	19	4	7.45	± 1.03	5.16	10.8	1.5	20
o-Xylene	BL05 - BTEX & C5-C10	µg/tube	19	4	6.96	± 1.21	4	11	1.76	25
Sum of m-Xylene and p-Xylene	BL05 - BTEX & C5-C10	µg/tube	18	5	14.2	± 2.08	9.8	22.5	2.94	21
Toluene	BL05 - BTEX & C5-C10	µg/tube	18	5	6.95	± 0.856	5.34	10.7	1.21	17
n-Decane	BL05 - BTEX & C5-C10	µg/tube	13	1	5.76	± 1.18	3.98	8.1	1.42	25
n-Heptane	BL05 - BTEX & C5-C10	µg/tube	15	0	8.76	± 1.24	6.59	12.2	1.61	18
n-Hexane	BL05 - BTEX & C5-C10	µg/tube	11	3	7.54	± 1.27	5.2	9.96	1.41	19
n-Nonane	BL05 - BTEX & C5-C10	µg/tube	15	0	7.7	± 1.65	5.08	13.1	2.13	28
n-Octane	BL05 - BTEX & C5-C10	µg/tube	15	0	8.23	± 1.3	5.93	12.7	1.67	20
n-Pentane	BL05 - BTEX & C5-C10	µg/tube	14	0	8.54	± 2.54	2.72	13	3.17	37
1,1,1-Trichloroethane	CL04 - CHC	µg/tube	15	5	7.58	± 0.377	6.3	8.4	0.486	6.4
cis-1,2-Dichloroethene	CL04 - CHC	µg/tube	19	0	4.75 *	± 1.75	0.012	11	2.54	53
Tetrachloroethene	CL04 - CHC	µg/tube	17	3	8.63	± 0.993	5.8	11.6	1.36	16
Tetrachloromethane	CL04 - CHC	µg/tube	15	4	9.2	± 0.463	8	10.4	0.598	6.5
trans-1,2-Dichloroethene	CL04 - CHC	µg/tube	19	0	4.22 *	± 1.93	0.007	11	2.8	66
Trichloroethene	CL04 - CHC	µg/tube	16	4	7.27	± 0.832	4.5	9.7	1.11	15
Trichloromethane	CL04 - CHC	µg/tube	16	4	7.01	± 0.409	6.2	8.1	0.545	7.8

* Please note: The values marked with * can not be used as target values, because of the high RSD. Details on the respective parameters can be found in the report.

Legend:

Mean	Mean of the participants results, without outliers (3 significant digits)
CL (99%)	99% confidence interval (3 significant digits)
Minimum	Minimum of all submitted results, after removal of outliers (3 significant digits)
Maximum	Maximum of all submitted results, after removal of outliers (3 significant digits)
SD	Reproducibility standard deviation, calculated from the participants results, after removal of outliers (3 significant digits)
RSD %	Reproducibility standard deviation, calculated from the participants results relative to the target value, given in %, after removal of outliers (2 significant digits)