

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 | BL06 - BTEX & C5-C10 | µg/tube | 17 | 2 | 4.8 | ± 0.348 | 3.8 | 5.5 | 0.478 | 9.9 |
| Ethylbenzene | BL06 - BTEX & C5-C10 | µg/tube | 19 | 0 | 5.66 | ± 0.659 | 4.27 | 8.16 | 0.958 | 17 |
| o-Xylene | BL06 - BTEX & C5-C10 | µg/tube | 18 | 1 | 5.12 | ± 0.501 | 3.23 | 6.37 | 0.708 | 14 |
| Sum of m-Xylene and p-Xylene | BL06 - BTEX & C5-C10 | µg/tube | 18 | 1 | 10.8 | ± 1.12 | 6.96 | 13.2 | 1.58 | 15 |
| Toluene | BL06 - BTEX & C5-C10 | µg/tube | 18 | 1 | 5.2 | ± 0.407 | 3.95 | 6.1 | 0.576 | 11 |
| n-Decane | BL06 - BTEX & C5-C10 | µg/tube | 11 | 1 | 4.56 | ± 1.28 | 2.4 | 7.29 | 1.41 | 31 |
| n-Heptane | BL06 - BTEX & C5-C10 | µg/tube | 10 | 2 | 5.57 | ± 1.15 | 2.78 | 6.95 | 1.21 | 22 |
| n-Hexane | BL06 - BTEX & C5-C10 | µg/tube | 7 | 3 | 6.02 | ± 0.613 | 4.9 | 6.5 | 0.541 | 9 |
| n-Nonane | BL06 - BTEX & C5-C10 | µg/tube | 11 | 1 | 5.75 | ± 1.44 | 3.58 | 9.38 | 1.59 | 28 |
| n-Octane | BL06 - BTEX & C5-C10 | µg/tube | 10 | 2 | 6.15 | ± 0.998 | 4 | 7.4 | 1.05 | 17 |
| n-Pentane | BL06 - BTEX & C5-C10 | µg/tube | 11 | 1 | 6.2 | ± 0.97 | 4.07 | 7.68 | 1.07 | 17 |
| 1,1,1-Trichloroethane | CL05 - CHC | µg/tube | 16 | 2 | 10.9 | ± 0.689 | 9.43 | 12.5 | 0.919 | 8.5 |
| cis-1,2-Dichloroethene | CL05 - CHC | µg/tube | 16 | 2 | 7.23 | ± 1.55 | 2.3 | 11.1 | 2.07 | 29 |
| Tetrachloroethene | CL05 - CHC | µg/tube | 17 | 1 | 11.5 | ± 1.14 | 8.14 | 14.2 | 1.57 | 14 |
| Tetrachloromethane | CL05 - CHC | µg/tube | 16 | 2 | 13.3 | ± 1.21 | 11.1 | 16.8 | 1.61 | 12 |
| trans-1,2-Dichloroethene | CL05 - CHC | µg/tube | 18 | 0 | 6.31 | ± 2.52 | 0.6 | 13.2 | 3.56 | 56 |
| Trichloroethene | CL05 - CHC | µg/tube | 17 | 1 | 10.1 | ± 1.15 | 6.34 | 13.8 | 1.58 | 16 |
| Trichloromethane | CL05 - CHC | µg/tube | 16 | 2 | 9.71 | ± 0.6 | 8.35 | 11.3 | 0.8 | 8.2 |

Legend:

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| Mean | Mean of the participants results, without outliers (3 significant digits) |
| CI (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) |