**Table S1.** Calibration points for a range 0 µg/l – 5000 µg/l, observed peak area ratio and calculated DMB amount in the calibration sample.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Peak area ratio** | | | **Calculated amount of DMB (μg/l)** | | |
| **Calib-ration level (μg/l)** | **1st injection** | **2nd injection** | **3rd injection** | **1st injection** | **2nd injection** | **3rd injection** |
| **0\*** | 0.000045 | 0.000046 | 0.000047 | 2.5 | 2.6 | 2.6 |
| **10\*** | 0.000202 | 0.000198 | 0.000193 | 11.3 | 11.1 | 10.8 |
| **15\*** | 0.000296 | 0.000292 | 0.000288 | 16.6 | 16.3 | 16.1 |
| **20\*** | 0.000376 | 0.000370 | 0.000364 | 21.1 | 20.7 | 20.4 |
| **50\*** | 0.000881 | 0.000877 | 0.000873 | 49.3 | 49.1 | 48.9 |
| **100\*** | 0.001518 | 0.001493 | 0.001594 | 100.6 | 100.0 | 99.4 |
| **250** | 0.003141 | 0.002937 | 0.003270 | 248.0 | 256.3 | 265.4 |
| **500** | 0.005875 | 0.006048 | 0.006206 | 512.6 | 527.6 | 541.5 |
| **750** | 0.009461 | 0.009583 | 0.009987 | 825.5 | 836.1 | 847.6 |
| **1000** | 0.011284 | 0.011516 | 0.011761 | 984.5 | 1004.7 | 1026.2 |
| **2500** | 0.028491 | 0.027551 | 0.026235 | 2485.8 | 2403.8 | 2317.7 |
| **5000** | 0.056953 | 0.057687 | 0.058199 | 4982.6 | 5033.1 | 5077.7 |

\* DMB content in the samples was estimated according to the calibration curve for 10-100 µg/l range.