Supplemental Table 1: Spearman Correlation Coefficients for Disinfection By-Product Metrics

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **DBP9** | **HAA5** | **THM4** | **THMBr** | **BDCM** | **DBCM** | **TCM** | **TCAA** | **DCAA** | **TBM** | **MBAA** | **MCAA** | **DBAA** |
| **DBP9** | 1.00 |  |  |  |  |  |  |  |  |  |  |  |  |
| **HAA5** | 0.91 | 1.00 |  |  |  |  |  |  |  |  |  |  |  |
| **THM4** | 0.96 | 0.77 | 1.00 |  |  |  |  |  |  |  |  |  |  |
| **THMBr** | 0.44 | 0.29 | 0.52 | 1.00 |  |  |  |  |  |  |  |  |  |
| **BDCM** | 0.57 | 0.41 | 0.65 | 0.96 | 1.00 |  |  |  |  |  |  |  |  |
| **DBCM** | 0.07 | -0.03 | 0.16 | 0.85 | 0.72 | 1.00 |  |  |  |  |  |  |  |
| **TCM** | 0.95 | 0.79 | 0.97 | 0.37 | 0.51 | 0.02 | 1.00 |  |  |  |  |  |  |
| **TCAA** | 0.90 | 0.96 | 0.79 | 0.28 | 0.41 | -0.04 | 0.81 | 1.00 |  |  |  |  |  |
| **DCAA** | 0.85 | 0.93 | 0.73 | 0.27 | 0.38 | -0.05 | 0.76 | 0.85 | 1.00 |  |  |  |  |
| **TBM** | -0.24 | -0.28 | -0.19 | 0.37 | 0.18 | 0.55 | -0.28 | -0.30 | -0.27 | 1.00 |  |  |  |
| **MBAA** | 0.01 | 0.03 | 0.00 | 0.06 | 0.06 | 0.07 | 0.00 | 0.03 | 0.02 | 0.08 | 1.00 |  |  |
| **MCAA** | 0.52 | 0.58 | 0.44 | 0.28 | 0.33 | 0.07 | 0.44 | 0.48 | 0.57 | -0.15 | 0.05 | 1.00 |  |
| **DBAA** | -0.09 | -0.07 | -0.08 | 0.30 | 0.18 | 0.37 | -0.15 | -0.14 | -0.05 | 0.51 | 0.21 | 0.00 | 1.00 |

Note: DBP9 = sum of chloroform (TCM), bromodichloromethane (BDCM), dibromochloromethane (DBCM), bromoform (TBM), monochloroacetic acid (MCAA), dichloroacetic acid (DCAA), trichloroacetic acid (TCAA), bromoacetic acid (MBAA), and dibromoacetic acid (DBAA); HAA5 = sum of MCAA, DCAA, TCAA, MBAA, and DBAA; THM4 = sum of TCM, BDCM, DBCM, and TBM; THMBr = sum of BDCM, DBCM, and TBM