

Supplementary Figures

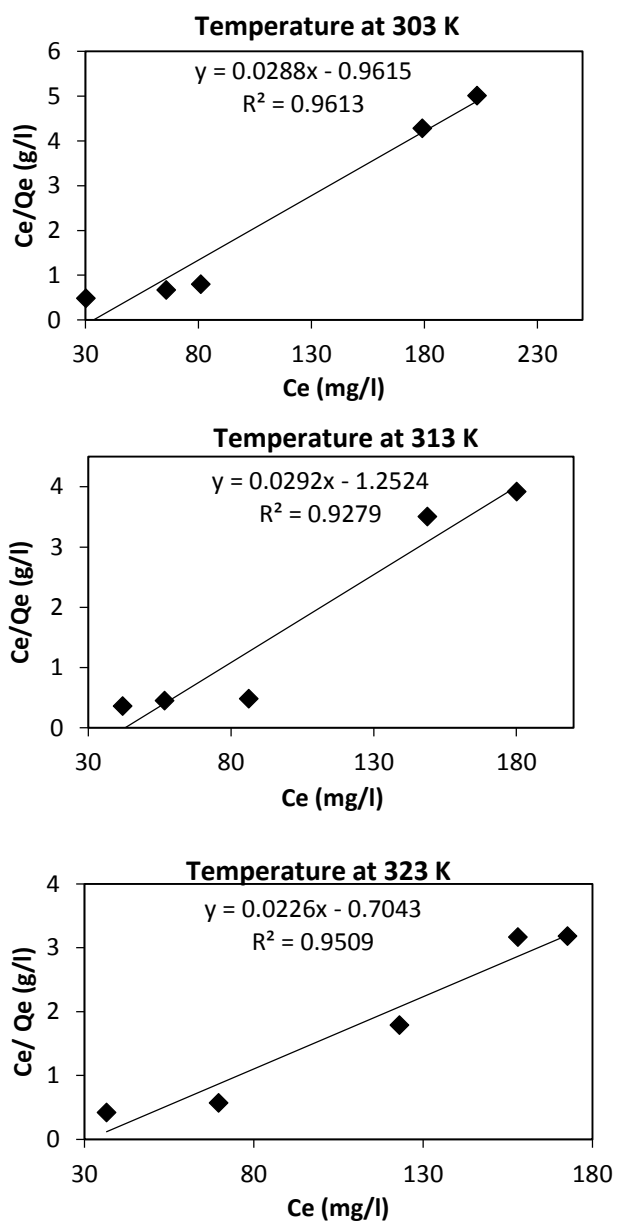


Figure SM1. Langmuir and Freundlich Isotherm plot at temperature 303, 313 and 323 K

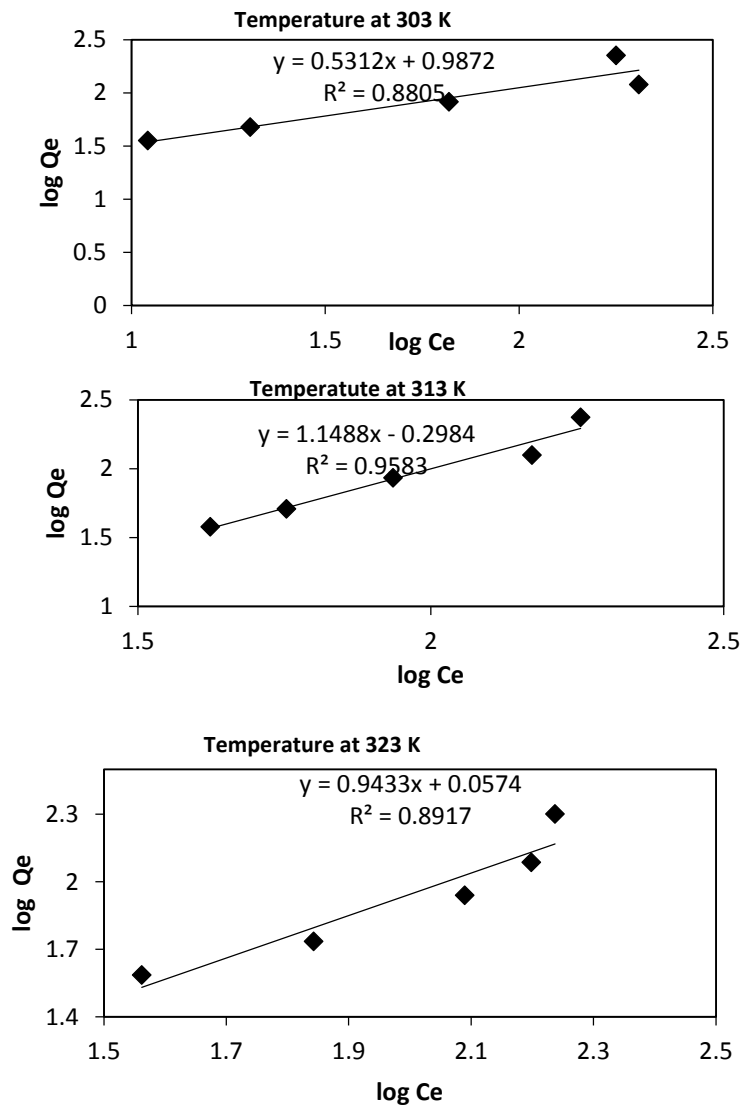


Figure SM2. Freundlich Isotherm plot at temperature 303, 313 and 323 K

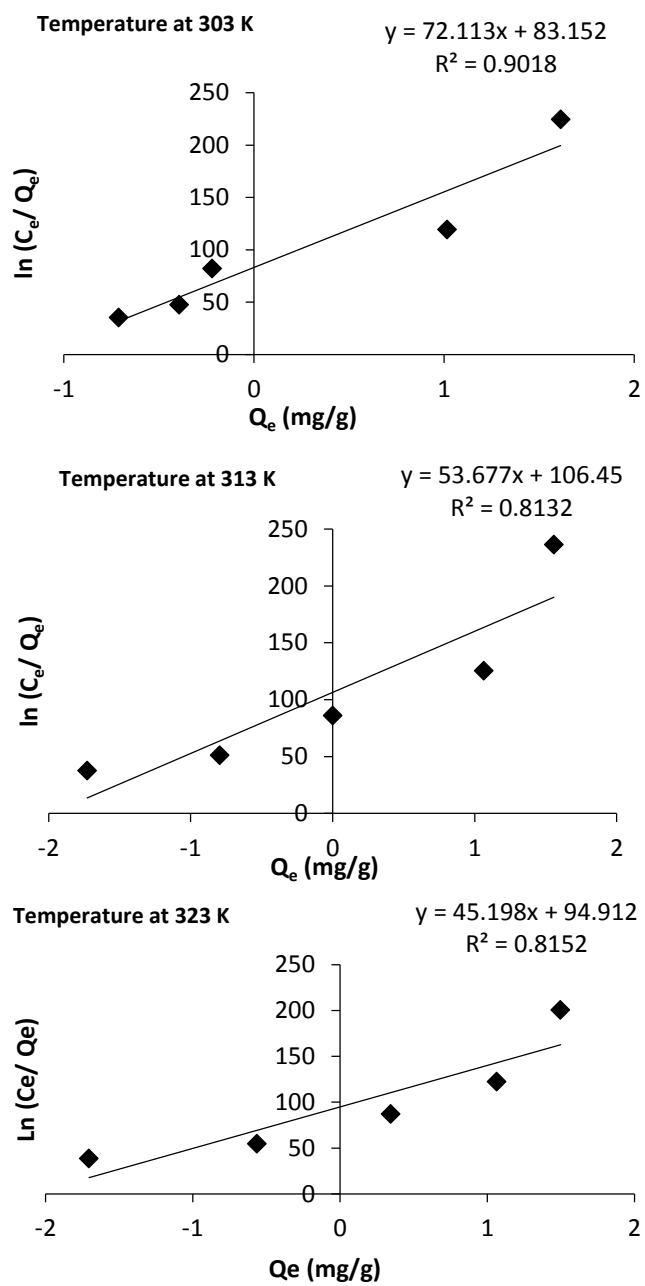


Figure SM3. Frumkin Isotherm plot from temperature 303, 313 and 323K

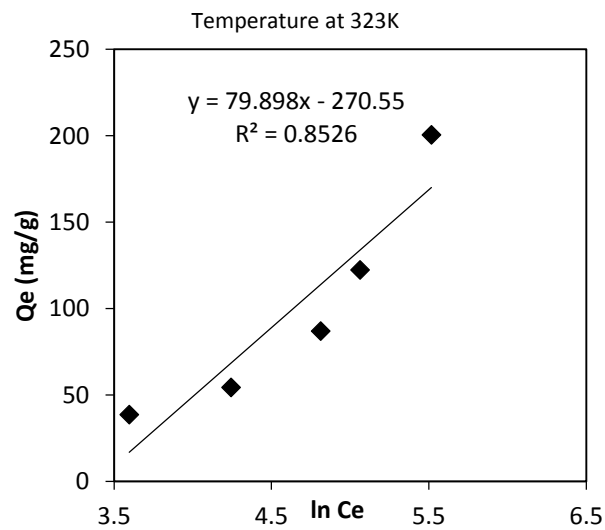
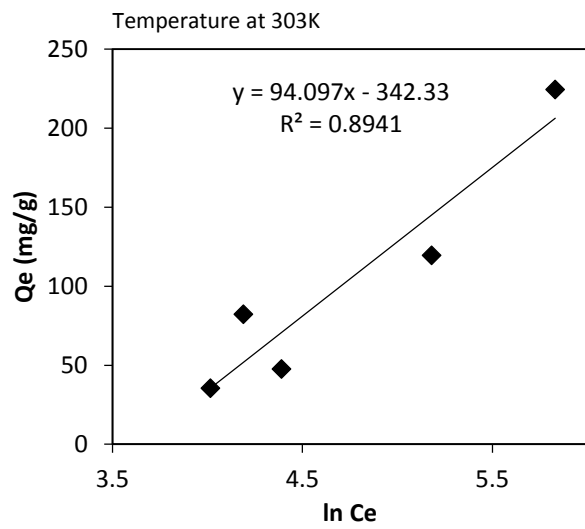
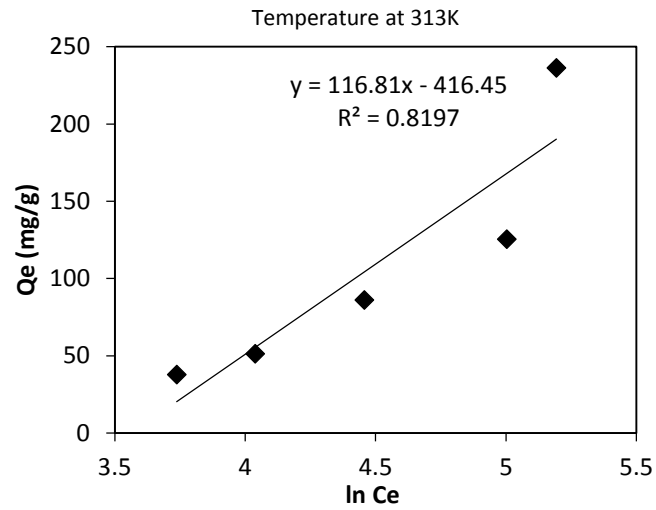


Figure SM4. Templin Isotherm plot from 303, 313 and 323 K

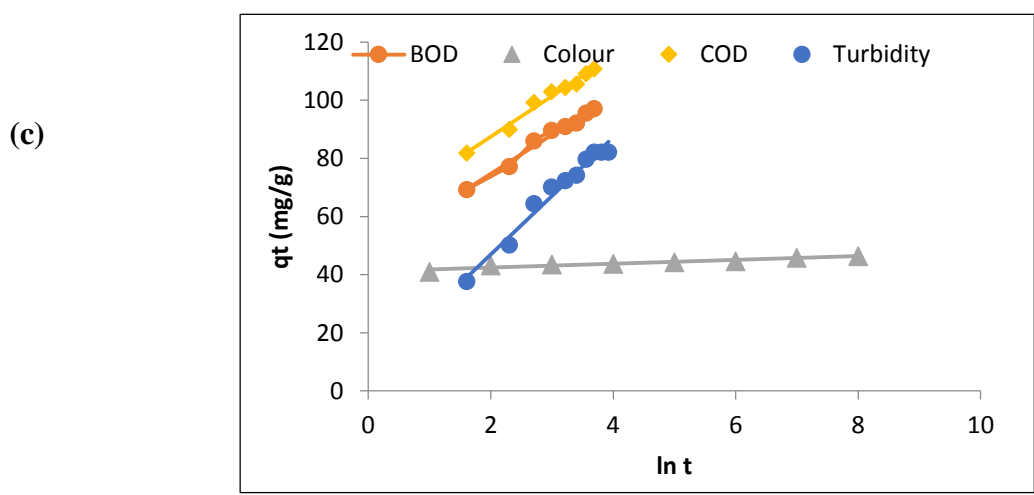
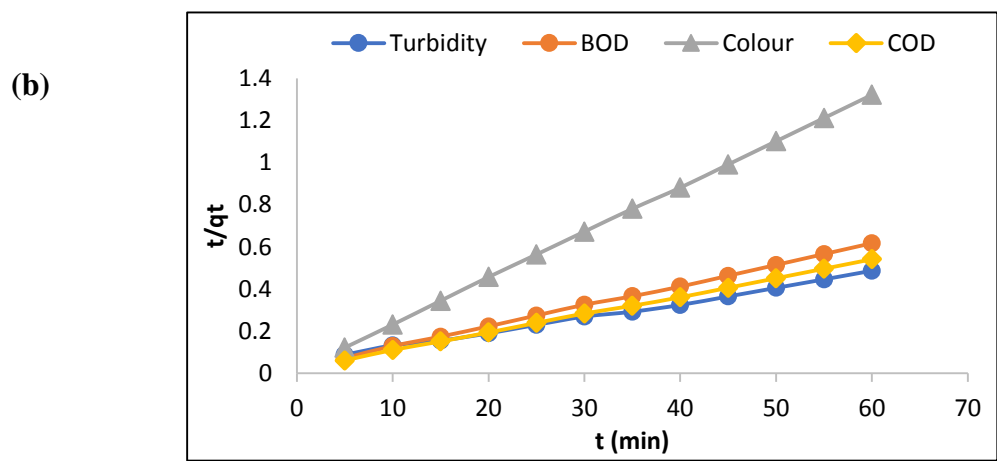
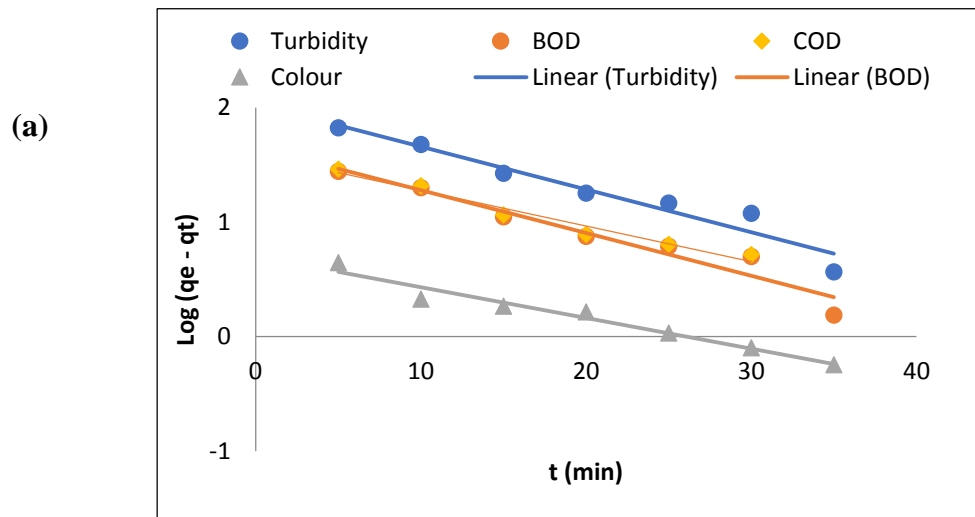


Figure SM5. Kinetic model for the different pollutant removal (a) Pseudo - first - order; (b) Pseudo - Second - order (c) Elovich model