Supplementary Information

Table S1: Isotherm model equations

|  |  |  |
| --- | --- | --- |
| Isotherm | Equation | Parameter |
| Freundlich |  |  |
| Langmuir |  |  |
| Sips |  |  |
| n-layer BET |  |  |
|  |  |  |

Table S2: Non-linear kinetic model equations

|  |  |  |
| --- | --- | --- |
| Isotherm | Equation | Parameter |
| Pseudo-first order (PFO) |  |  |
| Pseudo-second order (PSO) |  |  |
| Bangham |  |  |