**Supplementary material to**

**Removal of the herbicide 2,4-dichlorophenoxyacetic acid from water by using an ultrahighly efficient** **thermochemically activated carbon**

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**Figure S1.***The applied kinetic models for sorption of 2,4-D onto LVAC for different concentrations: a) 50 mg/dm3, b) 100 mg/dm3, c) 200 mg/dm3, d) 300 mg/dm3, e) 400 mg/dm3 and f) 500 mg/dm3.*



**Figure S2.** *Sorption isotherms of 2,4-D onto LVAC for different models: Langmuir, Freundlich, Sips, and Brouers – Sotolongo isotherm models.*