Supporting Information

Degradation of Toluene from Gas Streams by Heterogeneous Fenton Oxidation in a Slurry Bubble Reactor with Activated Carbon-Based Catalysts

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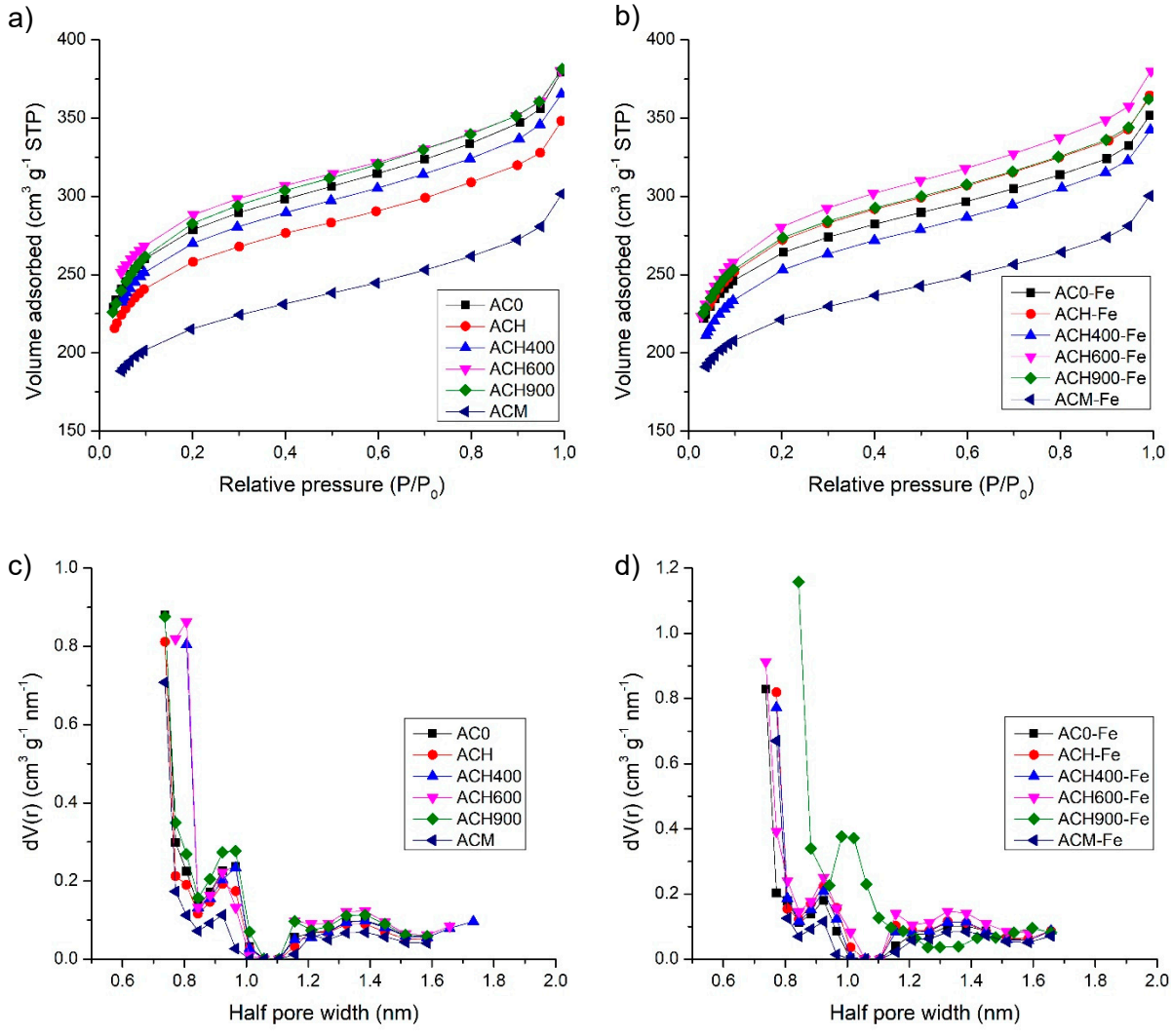

Figure S1 - N_2 adsorption isotherms (**a**,**b**) and pore size distribution (**c**,**d**) of the modified activated carbons (**a**,**c**) and respective iron-containing catalysts (**b**,**d**).

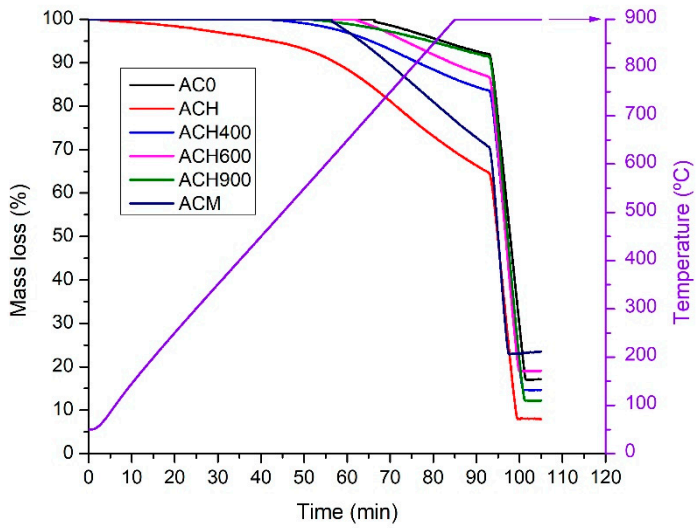

Figure S2 - Thermogravimetric profiles of the modified activated carbons.

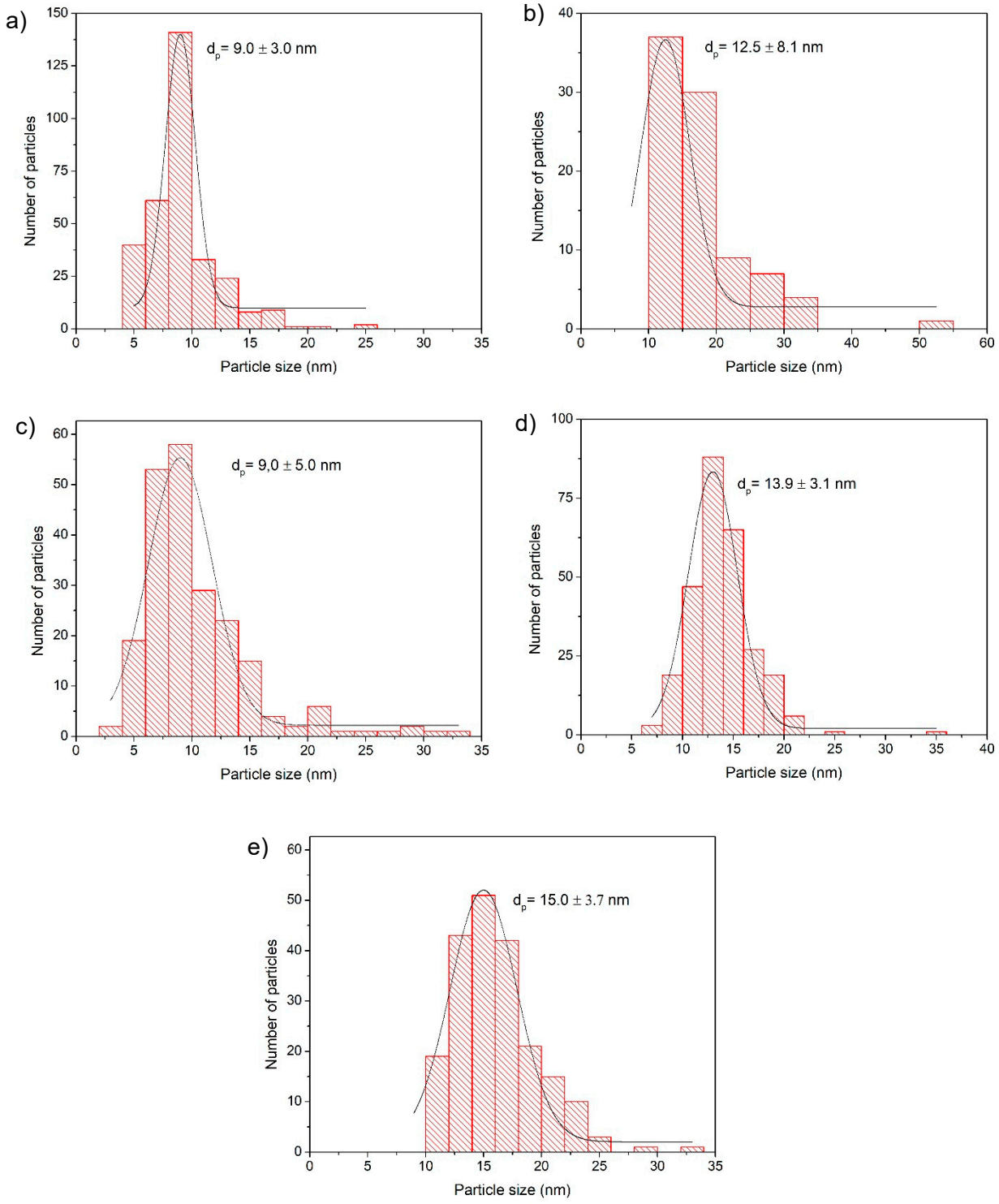

Figure S3 – Particle size distribution of ACM-Fe fresh sample (**a**), ACM-Fe used sample (**b**), AC_0-Fe fresh sample (**c**), ACH-Fe fresh sample (**d**) and ACH_{900}-Fe fresh sample (**e**).