Supplementary information

Preparation of sulfonated poly(arylene ether nitrile)-based adsorbent as highly selective and efficient adsorbent for cationic dyes

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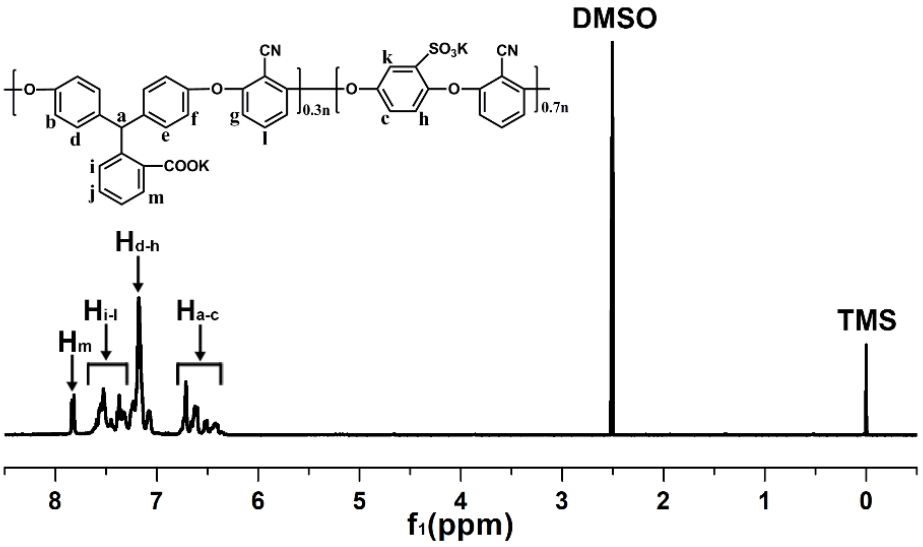


Figure S1. The 1H NMR of SPEN.

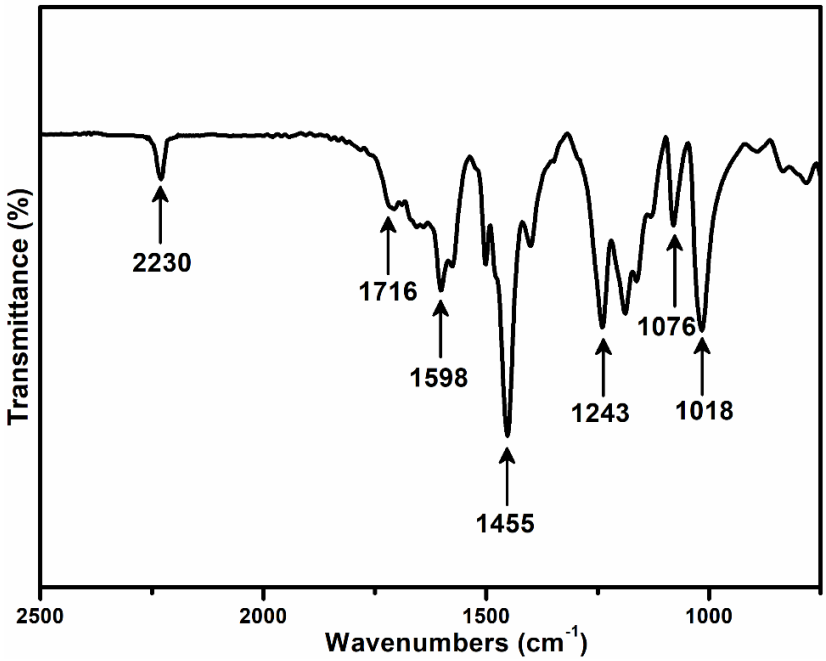


Figure S2. The FTIR of SPEN.

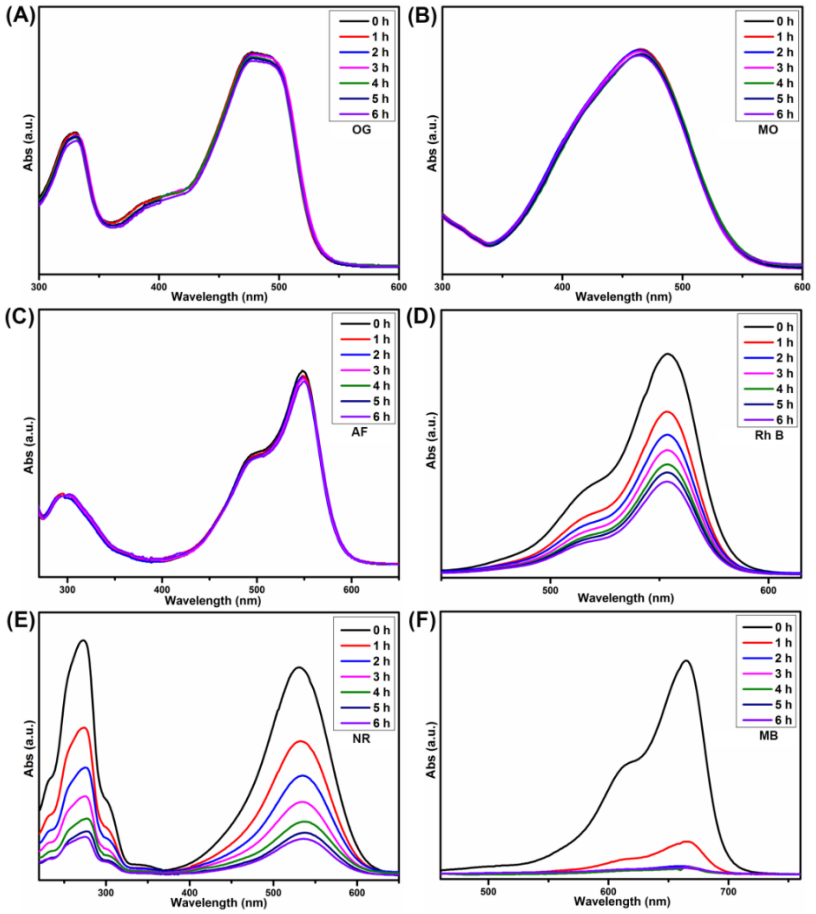


Figure S3. The UV-Vis spectra of different dyes: orange G (A), methyl orange (B), acid fuchsin (C) , rhodamine B (D), neutral red (E) and methylene blue (F) adsorption onto SPEN-Al at specific time intervals, respectively.

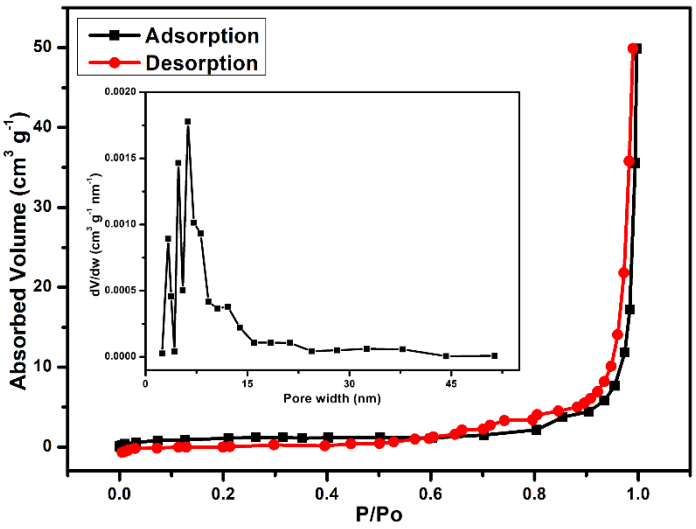


Figure S4. Nitrogen adsorption–desorption isotherm for the SPEN-Al adsorbent.