Supporting Information

Preparation and Selective Adsorption of Cationic Dyes with Succinic Anhydride-Functionalized Glucose-Based Carbon Microspheres

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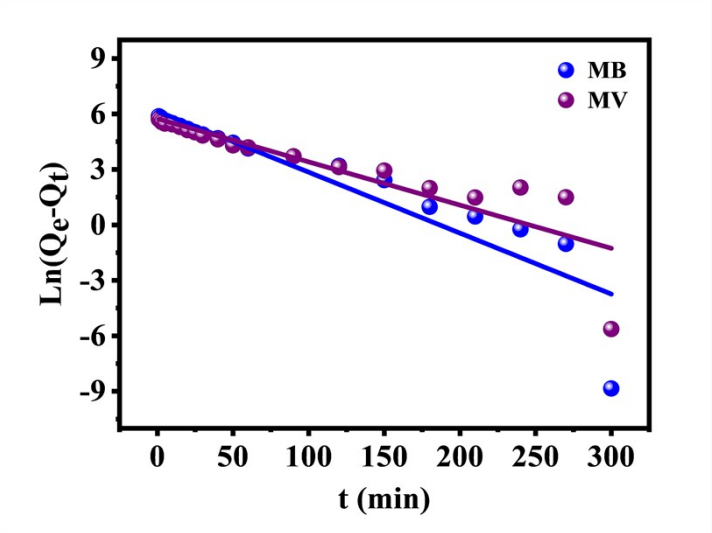

Fig. S1. Kinetic fitting results of pseudo-first-order models of MB and MV by SA-CMS.

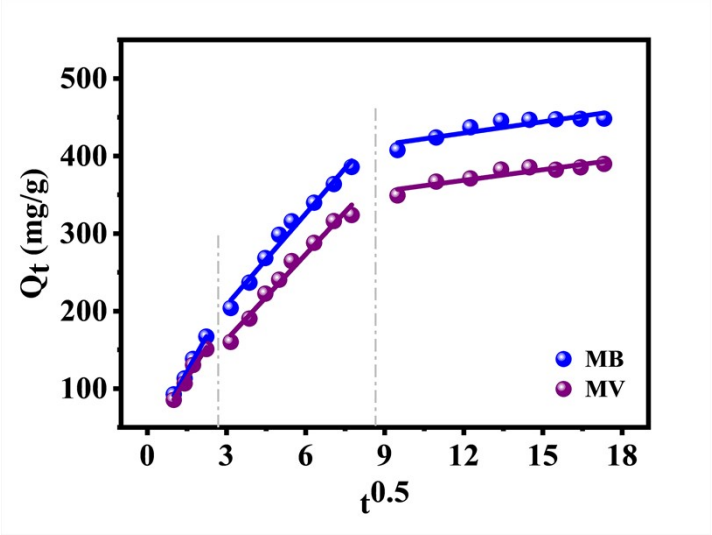

Fig. S2. Fitting result of the intraparticle diffusion model of MB and MV by SA-CMS.

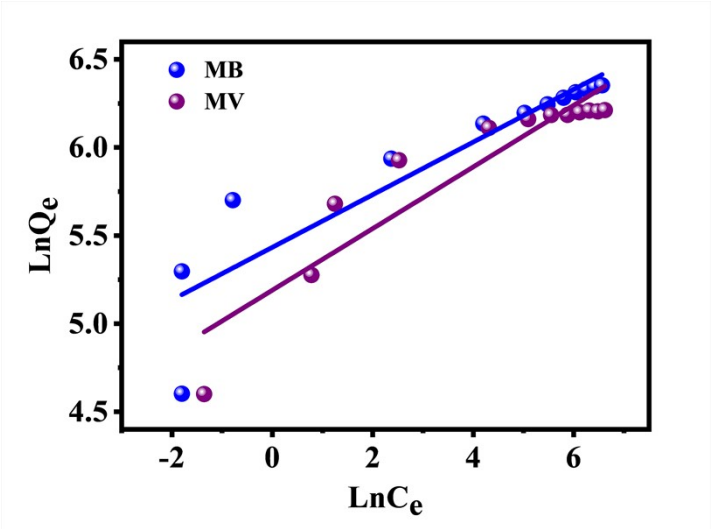

Fig. S3. Isotherm fitting results of Freundlich isotherm models of MB and MV by

SA-CMS.

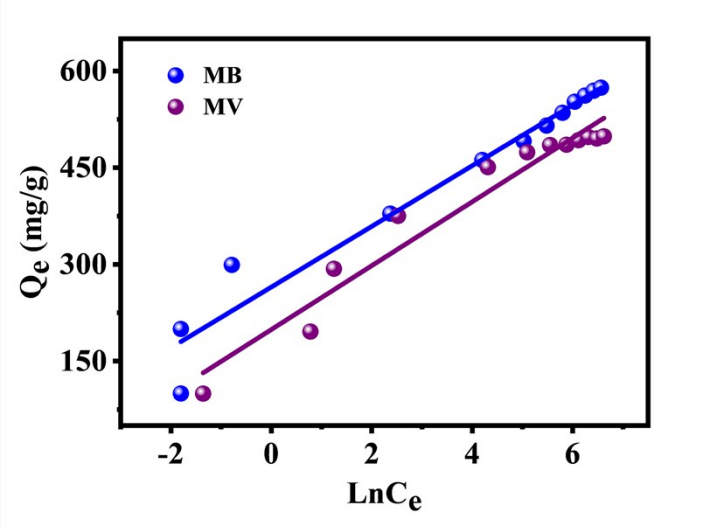

Fig. S4. Isotherm fitting results of Temkin isotherm models of MB and MV by SA-CMS.

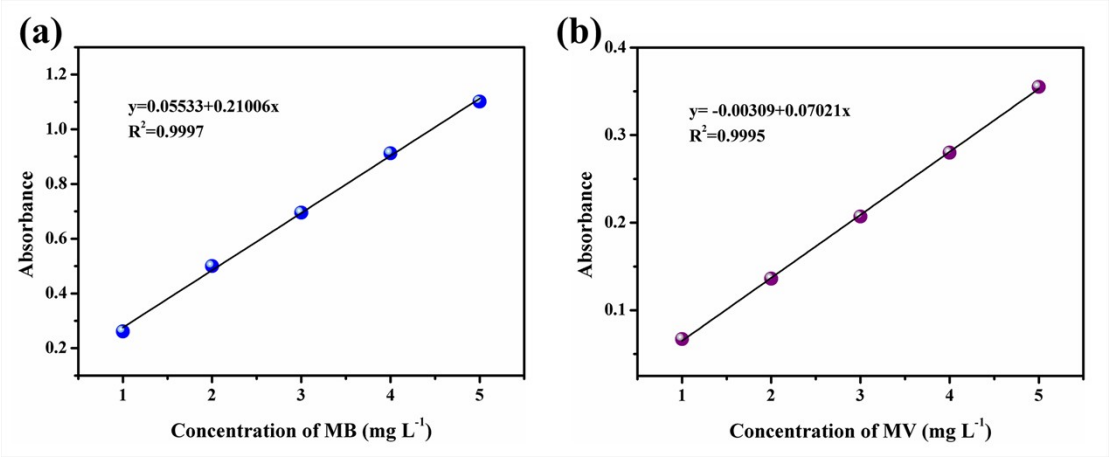

Fig. S5. Standard curve of (a) MB and (b) MV.

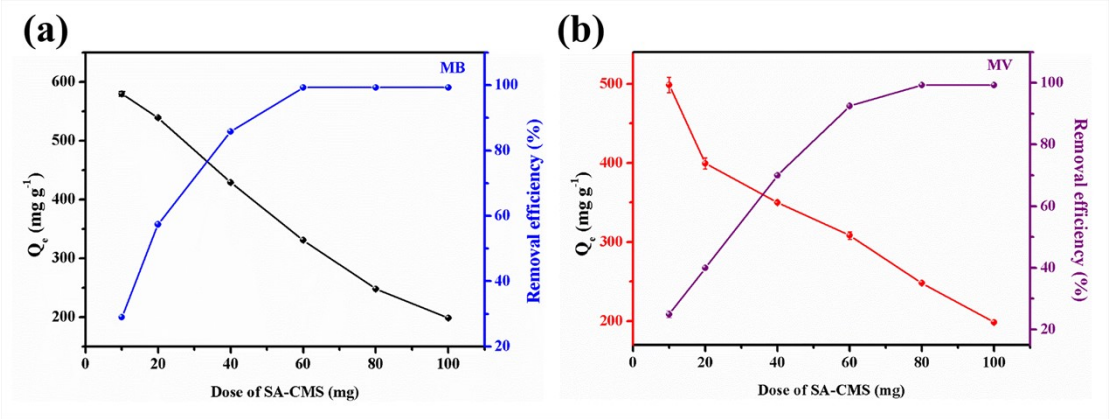

Fig. S6. Comparison of adsorption properties of SA-CMS with different adsorption materials for (a) MB and (b) MV.

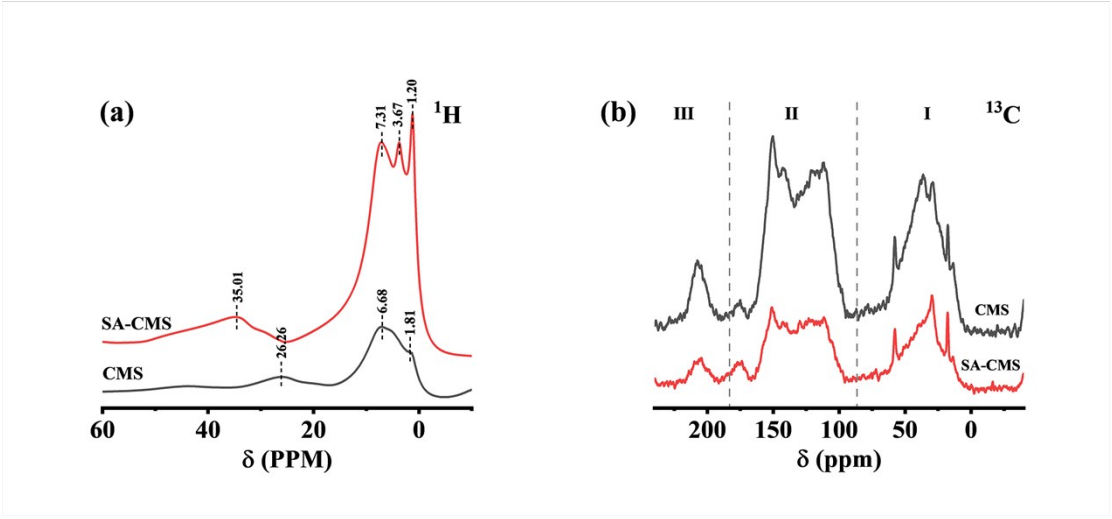

Fig. S7. ssNMR spectra of CMS and SA-CMS: (a) ^{1}H NMR spectra, (b) ^{13}C NMR spectra.

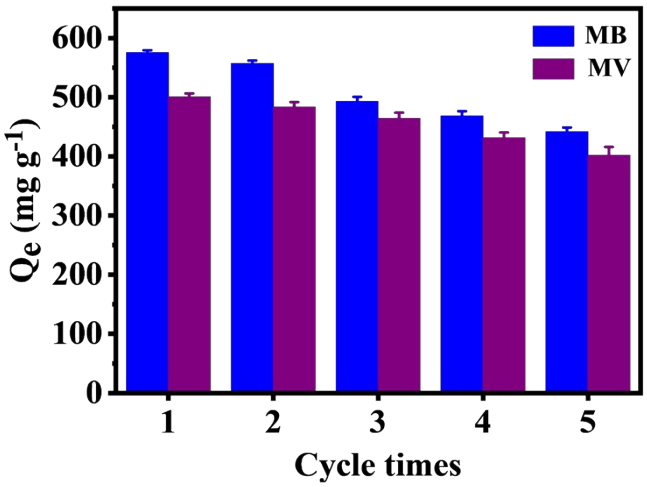

Fig. S8. Adsorption capacities of the SA-CMS in five adsorption-desorption cycles (Desorption in 2M HCl for 4 h).

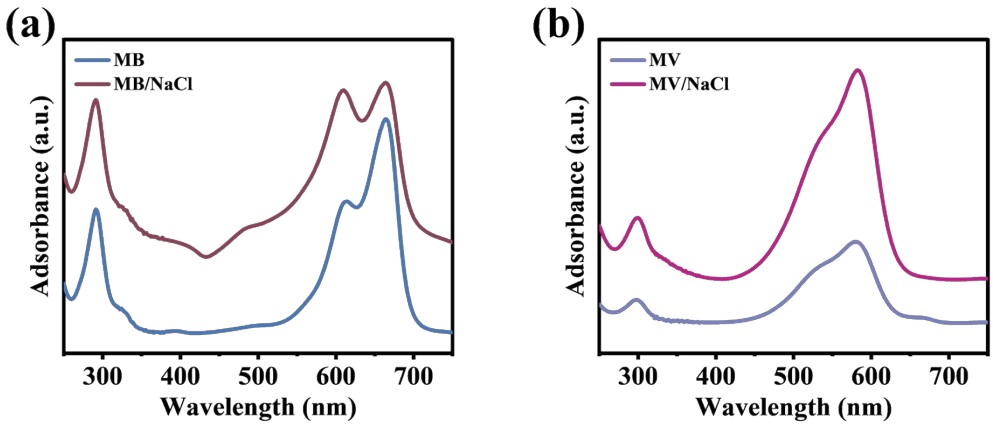

Fig. S9. (a) Comparison of UV-vis before and after adding NaCl to MB, (b)

Comparison of UV-vis before and after adding NaCl to MV.