

**Equilibrium, Kinetic and Thermodynamic Adsorption Studies of
Organic Pollutants from aqueous solution onto
CNTs/C@Fe/Chitosan Composites**

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Table S1 Maximum adsorption capacities of MB, MO, TC, and ROX on other adsorbents

Pollutants	Adsorbent	Maximum adsorption capacities(mg/g)	Ref.
MB	Calcinated monolithic rectorite/starch composites	180.8	1
MB	Ethylenediamine-grafted-polyacrylonitrile Nanofibers membrane	94.1	2
MB	CNTs/C@Fe/CS	111.1	This study
MO	Activated carbon	434.0	3
MO	Chitosan/Al ₂ O ₃ /magnetic iron oxide nanoparticle composite	417	4
MO	CNTs/C@Fe/CS	500.0	This study
TC	Fe-impregnated SBA-15	41.7	5
TC	Graphene oxide	313.0	6
TC	CNTs/C@Fe/CS	125.0	This study
ROX	Multi-walled carbon nanotubes	12.8	7
ROX	CNTs/C@Fe/CS	142.9	This study

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