

Appendix A: Supplementary Data

Proton binding to humic nano particles: Electrostatic interaction and the condensation approximation

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Master Curve coordinates

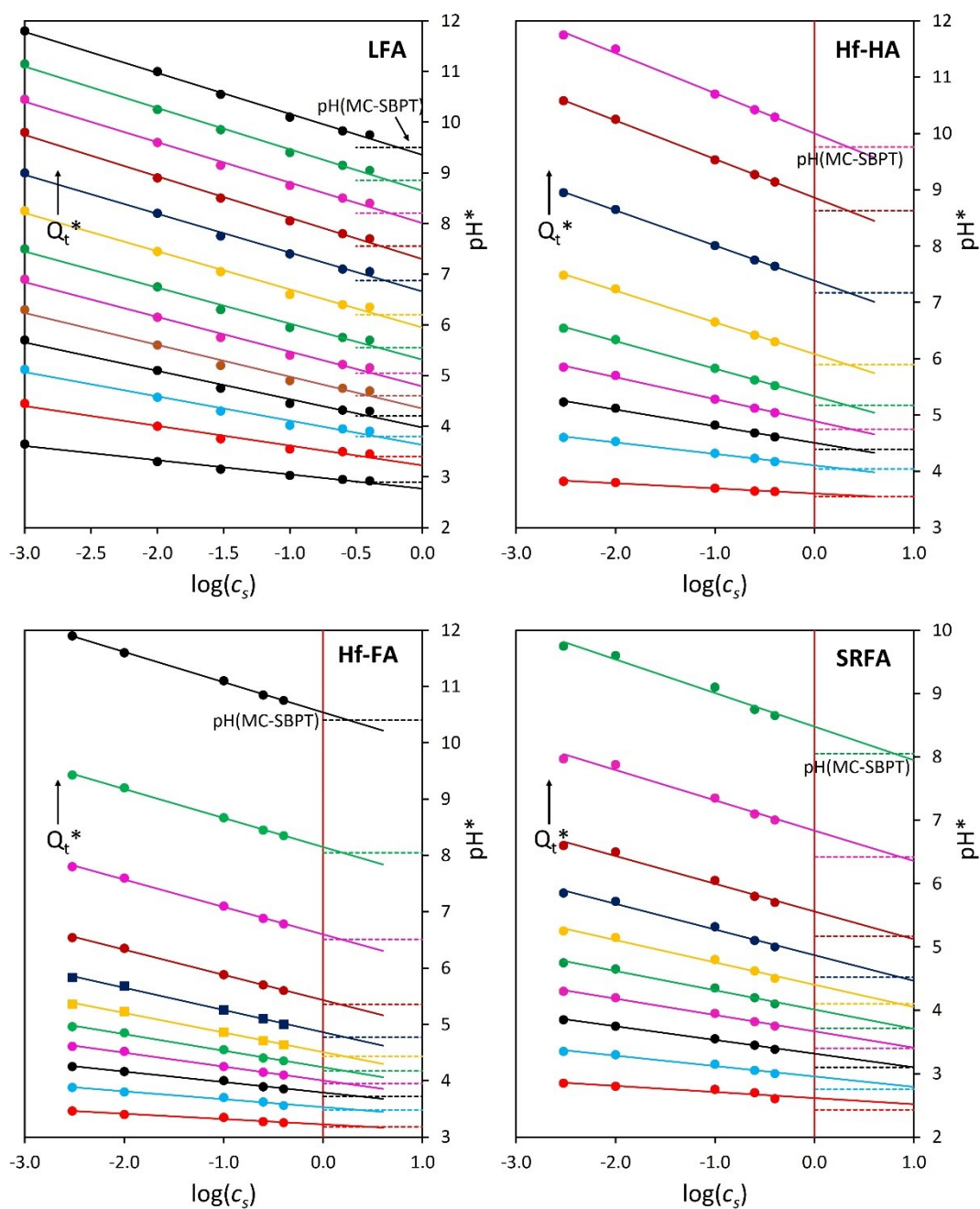


Fig.SI.1 $\text{pH}^*(c_s)$ vs. $\log c_s$ at different Q_t^* for the indicated HNPs (LFA, Hf-HA, Hf-FA and SRFA). The horizontal dashed lines at different Q_t^* indicate the $\{\text{pH}^*; (Q_t^*)\}$ coordinates of the MC-SPBT. The data points at $\log c_s > -1.0$ are based on results calculated with the bi-LF-SPBT model to show a larger c_s range.

