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Supplementary Information



Figure SI-1 Particle size distribution after filtration for ferrate(VI) treatment alone (Fe(VI) = 5.0 mg/L; initial water quality, turbidity = 3.03 NTU, pH = 7.85, alkalinity = 32 mg/L as CaCO₃, UV_{254} abs. = 0.123 cm⁻¹, and DOC = 5.23 mg/L)



Figure SI-2 Particle size distribution after filtration for the combined Fe(VI) and Fe(III) treatment at different overall Fe doses (Fe(VI):Fe(III) = 1:2, overall Fe doses = 3.0, 5.0, 7.0 9.0,, and 11.0 mg/L; initial water quality, turbidity = 3.03 NTU, pH = 7.85, alkalinity = 32 mg/L as CaCO₃, UV_{254} abs. = 0.123 cm⁻¹, and DOC = 5.23 mg/L)



Figure SI-3 DOC in tea bag leachate and total mass of leached DOM vs. initial water volume (1 tea bag was kept in a specific volume of Milli-Q[®] ultrapure water for 1 min)



Figure SI-4 Filtrate DOC and total mass of leached DOM vs. filtrate volume for filtration of ultrapure water using coffee filters (Milli-Q[®] ultrapure water passed through a funnel with five overlapped pieces of coffee filter paper)