Table S1. The factors of the different performed experiments

Factors	Levels			
Time (minutes)	0	15	30	60
ZVI(g)	0	1	4	8
Mass ratio (H_2O_2/TOC)	1	2	4	8

Table S2. Correlations and Tolerance after acidification, Dependent Variable: TOC

	Correlations				Tolerance	
					After	Before
	Zero-Order	Partial	Part	Importance	Transformation	Transformation
Time	-0.643	-0.820	-0.640	0.515	1.000	1.000
Mass ratio	-0.224	-0.350	-0.167	0.047	0.991	0.963
Iron mass	-0.601	-0.792	-0.580	0.438	0.991	0.962

Table S3. Correlations and Tolerance for coagulation, Dependent Variable: TOC.

	Correlations				Tolerance	
	Zero-Order	Partial	Part	Importance	After Transformation	Before Transformation
Time	-0.695	-0.825	-0.695	0.625	1.000	1.000
Mass ratio	-0.340	-0.581	-0.340	0.149	1.000	1.000
Iron mass	-0.417	-0.659	-0.417	0.225	1.000	1.000