Supplementary Information

Enhanced degradation of gaseous benzene by Fenton reaction

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![Bar chart](image_url)

Fig. S1. The molar ratio effects on the benzene degradation
Fig. S2. Case for 45 ppm of CO$_2$ dissolved in solution

Fig. S3. The intensity of phenol peaks detected by GC-MS: (a)1$^{\text{st}}$ round; (b)2$^{\text{nd}}$ round; (c)3$^{\text{rd}}$ round; (d) 4$^{\text{th}}$ round.