Supplementary Information

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Ultrasound assisted synthesis of BiVO₄/c-Dots/g-C₃N₄ Z-scheme heterojunction photocatalyst for degradation of minocycline hydrochloride and Rhodamine B: Optimization and mechanism investigation

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Fig. S1 Schematic diagram of photocatalytic equipment. A 350 W LED lamp was used as a light source (460 nm).

Fig. S2 (a) The photocatalytic degradation of RhB with as-prepared photocatalyst under the light, and (b) the pseudo-first-order rate constants of RhB photodegradation over pure BiVO₄, GCN, GCDs, GCN/BiVO₄, BCG-20, BCG-30, BCG-40 and BCG-50 composite.