

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
128	Toluene	$\text{O}^{\bullet-} + \text{C}_6\text{H}_5\text{CH}_3 \longrightarrow \text{OH}^- + \text{C}_6\text{H}_5\dot{\text{C}}\text{H}_2$	13	$2.1 \times 10^9$	p.r.; P.b.k. at 258 nm; independent of NaOH concn. (0.05-0.5 mol L <sup>-1</sup> ).	730089