

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
137	p-Xylene	$\text{O}^{\cdot -} + \text{C}_6\text{H}_4(\text{CH}_3)_2 \longrightarrow \text{OH}^- +$ 4-CH ₃ C ₆ H ₄ CH ₂	13	1.8×10^9	p.r.; P.b.k. at 268 nm in N ₂ O-satd. soln. contg. 0.5 mol L ⁻¹ NaOH.	751009