

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
135	m-Xylene	$\text{O}^{\cdot -} + \text{C}_6\text{H}_4(\text{CH}_3)_2 \longrightarrow \text{OH}^- +$ $3\text{-CH}_3\text{C}_6\text{H}_4\text{CH}_2^{\cdot}$	13	2.2×10^9	p.r.; P.b.k. at 262 nm in N2O-satd. soln. contg. 0.5 mol L ⁻¹ NaOH.	751009