No.	Compound name	Reaction equation	pH	Rate constant ($L\,mol^{-1}\,s^{-1}$)	Comments	Reference
136	o-Xylene	$O^{\cdot -} + C_6H_4(CH_3)_2 \longrightarrow OH^- +$ 2-$CH_3C_6H_4CH_2$	13	1.8×10^9	p.r.; P.b.k. at 261 nm in N_2O-satd. soln. contg. 0.5 mol L^{-1} NaOH.	751009