ADDITIONS AND CORRECTIONS

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Karen L. Feilberg, Barbara D'Anna, Matthew S. Johnson,* and Claus J. Nielsen: Relative Tropospheric Photolysis Rates of HCHO, H^{13}CHO, HCH^{18}O, and DCDO Measured at the European Photoreactor Facility

Page 8314. There was an error in the derivation of eq 5. The correct expression for the ratio of J_A/J_B is

$$\frac{J_A}{J_B} = \frac{\ln\dfrac{[A]_0}{[A]_t} - k_{\text{leakage}}t - \int_0^t k_{\text{OH}}^A[\text{OH}]\,dt}{\ln\dfrac{[B]_0}{[B]} - k_{\text{leakage}}t - \int_0^t k_{\text{OH}}^B[\text{OH}]\,dt}$$

The revised relative photolysis rates with 1σ errors are as follows:

$$J_{\text{DCDO}}/J_{\text{HCHO}} = 0.333 \pm 0.056$$

$$J_{\text{DCDO}}/J_{\text{HCH}^{18}\text{O}} = 0.401 \pm 0.056$$

$$J_{\text{DCDO}}/J_{\text{H}^{13}\text{CHO}} = 0.398 \pm 0.056$$

The following values can then be derived:

$$J_{\text{HCH}^{18}\text{O}}/J_{\text{HCHO}} = 0.830 \pm 0.182$$

$$J_{\text{H}^{13}\text{CHO}}/J_{\text{HCHO}} = 0.837 \pm 0.183$$