

Interactive comment on “High formation of secondary organic aerosol from the photo-oxidation of toluene” by L. Hildebrandt et al.

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On page 711 the author states the toluene decay rate was unchanged for the two different light intensities examined. However, a recent a paper by Warren et al. has shown that light intensity affects the rate of decay for the m-xylene/ NO_x photo-oxidation system, which one would assume would be similar to the toluene system studied here. It would be interesting for the author to expand on their analysis of their findings given this discrepancy.

Reference: B. Warren, Song C., Cocker D.R. "Light Intensity and Light Source Influence on Secondary Organic Aerosol Formation for the m-Xylene/ NO_x Photooxidation System" Environ. Sci. Tech., 2008, 42(15), 5461-5466

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