

***Supplementary Material***

***for***

**Enhanced production of oxidised mercury over the tropical Pacific Ocean:**

**A key missing oxidation pathway**

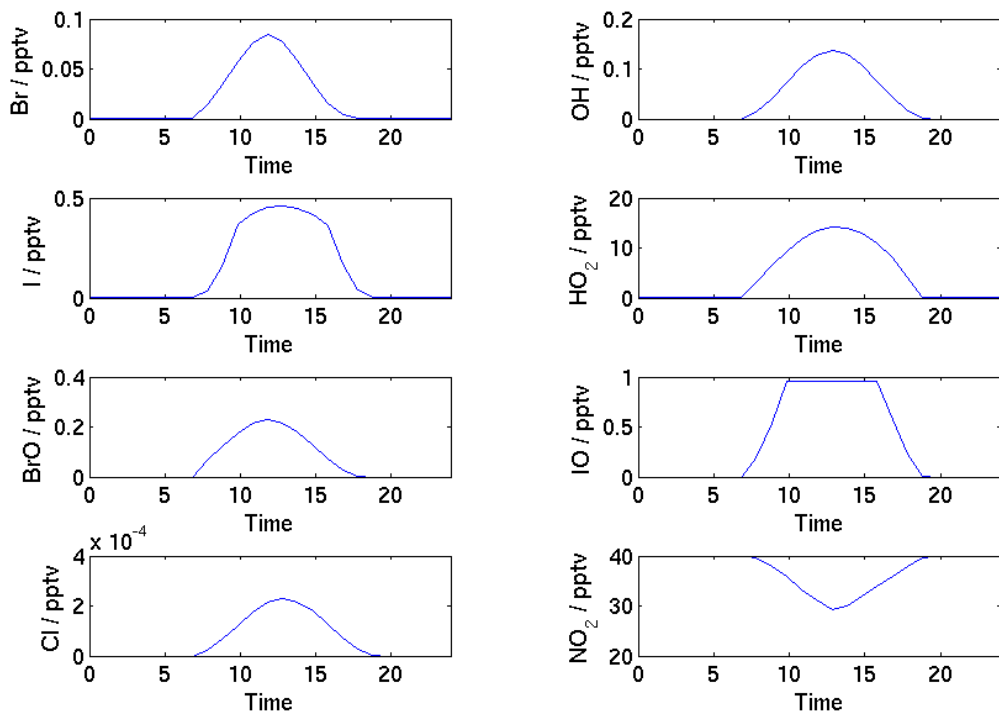
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**Fig. S1.** Diurnal profiles of Br, BrO, I, IO, Cl, OH, HO<sub>2</sub>, and NO<sub>2</sub> used in the photochemical modelling for mercury oxidation.