
Supporting information:

A demonstration of broadband cavity-enhanced absorption spectroscopy at deep-ultraviolet wavelengths: application to sensitive real-time detection of the aromatic pollutants Benzene, Toluene, and Xylene (BTX)

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Figure S1. The absorption coefficient of BTXS-2

Figure S2. The absorption cross-section of Benzene.....S-3

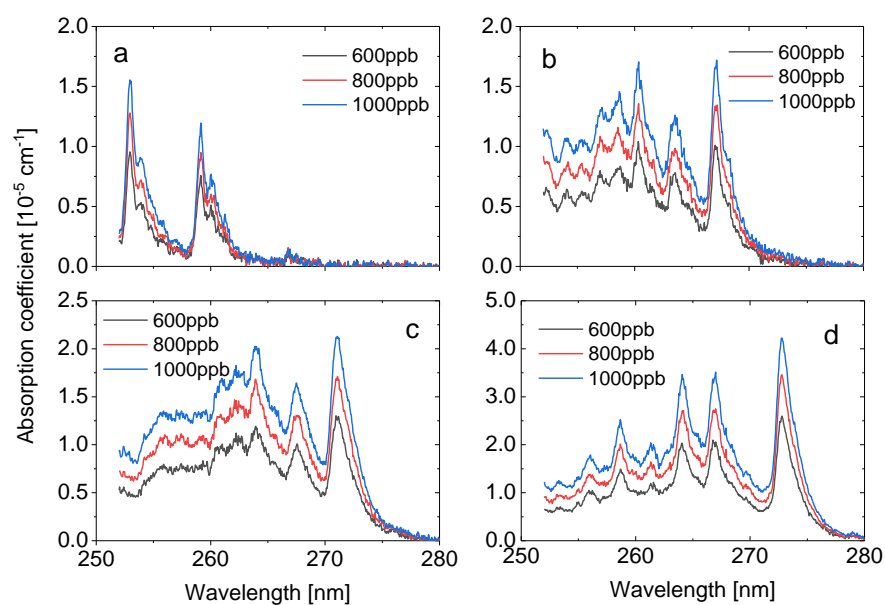


Figure S1. The absorption coefficient of BTX at 600, 800 and 1000 ppbv in the range of 250-280 nm. (a) Absorption coefficient of benzene. (b) Absorption coefficient of toluene. (c) Absorption coefficient of m-xylene. (d) Absorption coefficient of p-xylene.

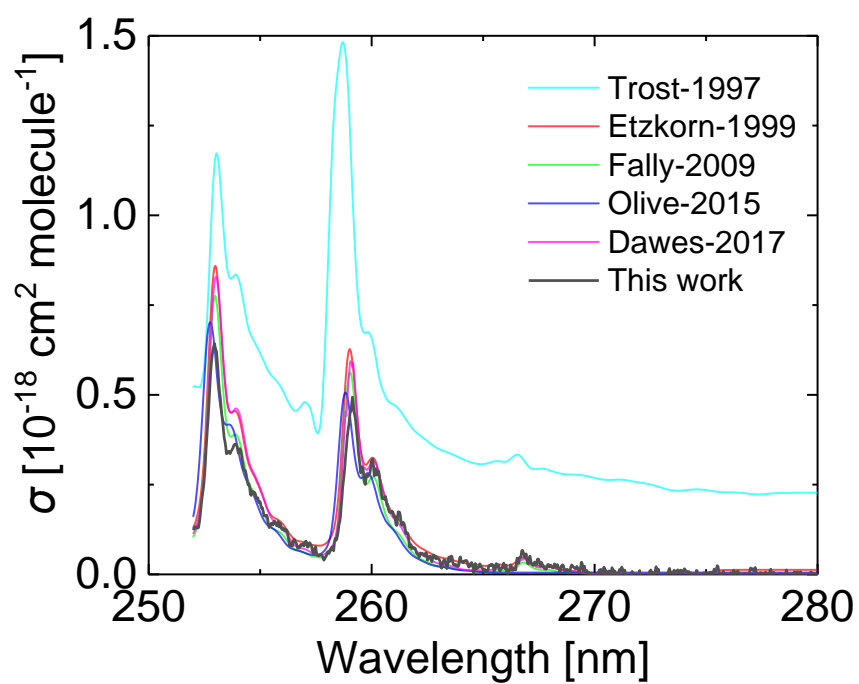


Figure S2. Benzene absorption cross-section from this work and recent literature spectrum (convoluted to this work's resolution) on a linear scale.