

**Infinite Dilution Activity Coefficients and Henry's Law Constants of
Halogenated Aromatic Chemicals in Water**

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Infinite dilution activity coefficients and Henry's law constants have been measured for selected halogenated aromatics in water. Chemicals were chosen to fill in gaps where data are missing or values in the literature are questionable and provide strategic data to further develop and refine prediction methods. Measurements were made using the gas-stripping method. Dilute solutions were stripped using nitrogen, and the concentration of the stripped solute in the nitrogen stream was measured as a function of time using gas chromatography. The Henry's law constant and the infinite dilution activity coefficient were calculated from the rate of change of the concentration.