Additions and Corrections

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Stuart Harrad,* Mohamed Abou-Elwafa Abdallah, Neil L. Rose, Simon D. Turner, and Thomas A. Davidson: Current-Use Brominated Flame Retardants in Water, Sediment, and Fish from English Lakes

In our recent paper we omitted citing the units for our lipid weight-based BAFs for HBCDs in the muscle tissue of various freshwater fish. We therefore clarify that the units for the BAFs reported are L g^{-1}. This has important implications for evaluation of the bioaccumulation potential of HBCDs. As an illustrative example, the average lipid weight-based BAF for ΣHBCDs in the muscle tissue of all 30 fish samples in our study was 2100 L g^{-1} or 2,100,000 L kg^{-1}. While recognizing the uncertainties involved, one can calculate an estimated average fresh weight-based BAF on a whole fish basis of 105,000 L kg^{-1} by assuming that HBCDs in lipid throughout the fish are in equilibrium with the aqueous phase and a lipid content for the whole fish of 5%. We believe that this latter BAF value is a more appropriate indication of the bioaccumulative potential of HBCD, and emphasize strongly the need for studies designed specifically to evaluate the bioaccumulation of this important chemical.

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