Reviewer's report

Title: A cross sectional survey of determinants of serum concentrations of polybrominated flame retardants among healthy pregnant women in an urban environment

Version: 3 Date: 3 December 2012

Reviewer: Alicia Fraser

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Re-review of manuscript by Horton et al. for Environmental Health
Date: 12-2-12
Reviewer: Alicia Fraser

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Summary: The authors revisions have improved the manuscript considerably. I've identified a few small items, listed below, that should be addressed. Otherwise, the manuscript should be ready for publication.

Minor Essential Revisions:

1. The revised statistical methods section is helpful. However, the text and footnote now say $p < 0.1$, but the authors’ response to my previous comment says alpha $< 0.20$. Please be sure to check which is correct and present the correct number in the paper.

2. Table 3 needs a footnote to explain what "***" means.

3. Background, 1st paragraph: There is an incorrect reference to Table 1. I believe it refers to a table that was removed during revision.

4. Results, 2nd paragraph: I believe the reference to Table 3 should actually be to Table 2.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:
I declare that I have no competing interests.