Reviewer's report

Title: Fetal loss and maternal serum levels of 2,2',4,4',5,5'-hexachlorobiphenyl (CB-153) and 1,1-dichloro-2,2-bis(p-chlorophenyl)ethylene (p,p'-DDE) exposure in Greenlandic and European populations

Version: 2 Date: 10 December 2009

Reviewer: Eva Cecilie Bonefeld-Jorgensen

Reviewer's report:

The revised manuscript is improved and most of questions are properly answered. However, there are still a few things there need to be specified:

1. Results section: page 9, line 3-5, if no significance test on differences of exposure levels between the countries in table 1 was performed, the corresponding reference should be given.

2. Discussion section: Page 11, line 5-2 from bottom: reference 22 did not analysis the correlation between PCB153 and sum PCB in Inuit, therefore, the reference 22 do not match with the description of “PCB153 correlated with sumPCB in Inuit”.

Therefore, the reference 22 should be deleted, and the sentence needs to be reformulated that it do not include Inuit but Swedish and US citizens only.

Besides, the correlation coefficient of PCB153 and PCB derived TEQ was 0.72 (reference 23) and not 0.5 as given in the text. Thus the sentences at page 11, line 5-2 from bottom should be reformulated.

After correction of mentioned above, the manuscript can be considered to be published.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

'I declare that I have no competing interests'