Reviewer’s report

Title: Nutrition assessment of Vitamin A and Vitamin D in northeast Chinese population based on SPE/UPLC/PDA

Version: 1 Date: 19 Feb 2018

Reviewer: Yuan Lin

Reviewer's report:

The authors have addressed most of my questions. I have a few minor suggestions.

1. In the abstract, it is not appropriate to say "25OHD3 (VD) and retinol (VA)", should just use "25OHD3 and retinol". And also try to avoid switching from '25OHD3 and retinol' to 'VD and VA', not exactly the same.

2. Since there are some studies using combined HPLC /PDA and SPE/HPLC/MS method to test retinol and 25OHD3, I think the first aim of this study should be tone down. And the first study using this method should be mentioned in the background. This study is sort of validating and applying this method in a large population.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Unable to assess

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics
**Quality of written English**
Please indicate the quality of language in the manuscript:

Acceptable

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