

I would like to thank the authors for promptly replying to all the reviewers' comments and corrections. I have only a few minor points to be further clarified. After that, I believe the manuscript will be accepted. Thus, please consider the points listed below.

1 – Could you please add a sentence to the manuscript to clarify about the pre-baking of the quartz filters?

2 – P10, L248: “indicated by a slope of from  $2.21 \pm 1.27$  for PM1.0 and  $2.27 \pm 0.92$  for PM2.5”, are the slope values correct? I mean, if they are related to Fig. 1, then the slopes indicated are different (2.77 and 2.11). Could you please verify?

3 – In the answer to the Reviewer #1 (C2.1) the authors estimate the positive artefacts, based on previous unpublished data, up to 20%. However, in the manuscript (P.10, L256) the authors mention 20-30%. Could you please clarify which one is correct? Or clarify if they refer to different artefacts.