Suggestions for technical corrections:

L26: …. corresponded TO …. (not with)
Response: We revised the sentence according to the comment.

L93: The details of the gravimetric preparation technique were given ……
Response: We revised the sentence according to the comment.

L97: … acting ON a …
Response: We revised the sentence according to the comment.

L322: I suggest rewording to: The goal of this study is to make the observational data from different laboratories directly comparable.
Response: We revised the sentence according to the comment.

L370/71: delete “in the world”
Response: We revised the sentence according to the comment.

L385: … estimation of THE atmospheric …
Response: We revised the sentence according to the comment.