

Interactive comment on “Release of mercury halides from KCl denuders in the presence of ozone” by S. N. Lyman et al.

Anonymous Referee #1

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This is a well written manuscript which presents very interesting and new findings about the performance of KCl-coated denuders for measurement of gaseous oxidized mercury. Systematic laboratory tests of this method and the development of a traceable calibration for this method are highly desirable. This paper clearly merits publication in ACP and I have only two minor points that should be considered when preparing a revised version: It would be worthwhile to give a brief description of the denuders used in this study. Even if a paper with more detailed information is cited. In the Implications the discussion of the ozone increased mercury flux from soil is highly speculative and needless. This part should be focussed on the experimental results.

Interactive comment on Atmos. Chem. Phys. Discuss., 10, 12563, 2010.

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