

Author's responses to editor's comments follow. A copy of the reviewer comment is given (with comment 'number') followed by a response (blue font).

Please add a typical sample collection duration to L17 P8. Over what period does a typical sample integrate, i. e. how long does the pressurization of the canisters take? This is what I had asked for following the discussion about review#2, but I cannot find this information in the revised manuscript..

We added the description about flask sampling. We apologize our misunderstanding.

L17 P8: The pair of flask-air samples (2L each flask, borosilicate glass with Teflon O-ring sealed stopcocks) was flushed for 10 min at 5-6 L min⁻¹ then pressurized to 0.38 bar in less than 1 min using a semi-automated portable sampler.