

p. 1, l. 27: replace 'named' by 'namely'

p. 1, l. 30: move 'respectively' after '(14.7 ug/m3)'

p. 5, l. 25: 3 in HNO₃ subscript

p. 10, l. 14: in more detail

p. 10, l. 18: 8-factor solution

p. 10, l. 33: source identification

p. 11, l. 12: determination

p. 11, l. 15: should be borne in mind

p. 11, l. 23: source identification

l. 11, l. 25: Better: found throughout the year

p. 12, l. 2: factor identification

p. 12, l. 5: source contributions

p. 12, l. 5: factor uncertainties

p. 12, l. 7: displayed by different...

p. 12, l. 12: Figures 3 and S1

p. 15, l. 10: constitutes

p. 15, l. 21: particle conversion

p. 15, l. 22: in more detail

p. 15, l. 27: gives

p. 15, l. 31: Better: ...and to a much smaller extent

p. 15, l. 34: equal

p. 16, l. 1: source mass

p. 16, l. 30, and throughout manuscript: 'x' in NO_x should be subscript

p. 17, l. 9: accounts

p. 17, l. 31: here and throughout manuscript: Numbers should be rounded to significant figures, e.g. 0.8±0.3, 0.7±0.2, 0.2±0.1 instead of 0.82±0.25, 0.71±0.23, 0.20±0.13

p. 18, l. 31: 'is negligible' instead of 'will also be negligible'

p. 19, l. 9: in detail

p. 19, l. 22: is produced

p. 22, l. 9: source localization

p. 22, l. 20: remove 'which'

p. 23, l. 6: suggest

p. 24, l. 17: to a lower extent from the North Sea...

- p. 24, l. 26: composition
- p. 24, l. 29: points to high probabilities
- p. 24 and throughout manuscript: metal industry
- p. 26, l. 5: replace 'against' by 'compared to'
- p. 26, l. 21: remove 'area'
- p. 26, l. 24: replace ' where lies' by 'where there is'
- p. 28, l. 15: contributes
- p. 29, l. 5: replace ' ca.' by 'approximately'
- p. 29, l. 6: replace ' against' by 'compared to'
- p. 29, l. 12: baseline
- p. 29, l. 31: better: throughout the year
- p. 30, l. 13: contribute to PM_{2.5}
- p. 30, l. 16: in more detail
- p. 31, l. 29: should SO_x be SO₂?

Supplemental Information

p. 2, l. 6 in Section S2: 'specific elements' should be replaced by 'specific compounds' (since e.g. NH₄⁺ or OM are not elements)

Table S1: This table needs a header, i.e., a 'first line': 'Month/year' and 'day of month' and some brief explanation why these days were discarded (all because of analytical problems?)

Table S2: Add in first line: 'Month/year'. Explain in caption that the numbers refer to days of month