Erratum

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Erratum to: Isotope-abundance variations and atomic weights of selected elements: 2016 (IUPAC Technical Report)

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Erratum to: Tyler B. Coplen and Yesha Shrestha. 2016. Isotope-abundance variations and atomic weights of selected elements: 2016 (IUPAC Technical Report). *Pure and Applied Chemistry*. Volume 88, Issue 12, pages 1203–1224. (DOI:10.1515/pac-2016-0302):

The following errors appeared in the Technical Report [1] published in *Pure and Applied Chemistry* in 2017:

- p. 1210: The lower bound of the $10^3 \delta^{30}\text{Si}_{\text{NBS28}}$ value of “Quartz sandstones” in Fig. 8 should be –7.5 instead of –5.7.
- p. 1217: The value in column 2 of Table 8 for “Quartz sandstones” should be –7.5 instead of –0.2.
- p. 1217: The value in column 4 of Table 8 for “Biogenic silica” should be +6.1 instead of +2.5.
- p. 1217: The reference in the last column for “Biogenic silica” is incorrect and should be Ding *et al.* [2].
- p. 1217: The value in column 2 of Table 9 for “Atmospheric H₂S” should be –32 instead of –21.

The U.S. Geological Survey Data Release [3], which contains an Excel file listing the atomic weight and isotopic abundances for each isotope of each of the twelve elements for each substance and material shown in Fig. 1–12 and Tables 1–12, has been updated [3]. In the Technical Report this data release is identified as “[232].” These data may also be found on the web site of IUPAC’s Commission on Isotopic Abundances and Atomic Weights [4].

References

- [1] T. B. Coplen, Y. Shrestha. *Pure Appl. Chem.* **88**, 1203 (2017). <https://doi.org/10.1515/pac-2016-0302>.
- [2] T. P. Ding, G. R. Ma, M. X. Shui, D. F. Wan, R. H. Li. *Chem. Geol.* **218**, 41 (2005). <https://doi.org/10.1016/j.chemgeo.2005.01.018>.
- [3] T. B. Coplen, Y. Shrestha. *Tables and Charts for Isotope-Abundance Variations and Atomic Weights of Selected Elements: 2016 (Ver. 1.1, May 2018): U.S. Geological Survey Data Release*, (2018). <https://doi.org/10.5066/F7GF0RN2>.
- [4] Commission on Isotopic Abundances and Atomic Weights, <http://ciaaw.org/natural-variations.htm>.

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