

Interactive comment on “Experimental determination of Henry’s law constants of difluoromethane (HFC-32) and the salting-out effects in aqueous salt solutions relevant to seawater” by Shuzo Kutsuna

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I am sorry because Eqs. (21) and (22) and the corresponding equation in the abstract were mistyped as indicated below.

Eq. (21) should be represented as follows:

$$\ln(K_H(T)/K_{eq}^S(T)) = [0.2261 - 0.5176 \times (100/T)] \times S^{0.5} + [-0.0362 + 0.1046 \times (100/T)] \times S$$

Eq. (22) should be represented as follows:

C1

$$\ln(K_{eq}^S(T)) = -49.7122 + 77.7018 \times (100/T) + 19.1379 \times \ln(T/100) + [-0.2261 + 0.5176 \times (100/T)] \times S^{0.5} + [0.0362 - 0.1046 \times (100/T)] \times S$$

In Abstract section, 1st block, lines 6-7, the equation corresponding to Eq. (22) should be represented as follows:

$$\ln(K_{eq}^S(T)) = -49.7122 + 77.7018 \times (100/T) + 19.1379 \times \ln(T/100) + [-0.2261 + 0.5176 \times (100/T)] \times S^{0.5} + [0.0362 - 0.1046 \times (100/T)] \times S$$

The above corrections are needed because of the mistype of a sign of the right hand of Eq. (21) and the mistype of (T/100) instead of the correct term of (100/T) for Eq. (21).

Data analysis had been performed by the correct Equations thorough the manuscript; hence, the parameters determined and the results estimated in the manuscript were correct.

I am sorry for my mistake in Eq. (21), Eq. (22) and the Equation corresponding to Eq. (22) in Abstract section.

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