**Sheet: *Mako\_qdepend***

Summary:

Calibration fit results for the humidity (q) dependence of isotope ratio (δ) measurements, Δδ(q). Δδ(q) was fit to the function:

(1)

Where *a* and *b* are fit parameters, and subscript *i* is for the isotope species (D or 18O). The 95% confidence interval for the Δδ(q) calibration is also q-dependent and was fit to the curve:

(2)

With *c* the fit parameter.

Relevant functions/scripts to generate data:

* *mako\_q\_dependence\_cal()* in *q-dependence\_cal.py*
* *mako\_qdep\_confidence\_intvl()* in *uncertainty\_estimation.py*

Column descriptions:

* *year*: ORACLES year
* *aD, bD, a18O, b18O*: Regression fits for the parameters in (1).
* *sig\_aD, sig\_bD, sig\_a18O, sig\_b18O*: standard errors on the respective parameters.
* *cD\_95p, c18O\_95p*: Regression fits for *c* in (2).