NTP conc investigation:

To Do:

Eliminate expected\_Stock\_conc entirely as a variable. Force user to enter it in the run\_me

(Did that, just now need to harmonize with everything else)

Lingering concern: Is 2,2',4,4',5,5'-Hexabromodiphenyl ether really 0.02 and not 0.015? Can I claim ignorance here? Maybe that is okay, since it is all truly just an estimation. But maybe run thru it one more time.

Debug the warning messages

Is the final check telling me anything useful here? Do I need it at all? If so, how get around it here?

Need to update expected stock conc or something:

2,2',4,4',5,5'-Hexabromodiphenyl ether – Known conc range is 0.02 – 10, in the data as it is.

Stock conc is 10.0

Did they do this intentionally?

Looking at the lab notebook, it does not appear that they did any special dilution for this compound.

SO, since they recored the concs as 0.015 – 10 instead of 0.03 – 20, they must have known that the stock conc was only 10

\*Should I set the expected stock conc to 10 for this compound? -> yes?

What about 0.02 vs 0.015?

Chrysene

Looks like they saw that stock conc was only 9.7, so they adjusted accordingly. Similar to Hexabromo above

Dibenz(a,h)anthracene – same as Hexabromo, except that needs to be conc-corrected(10.1) for all conc’s

So yeah, I think I would just need to set expected stock conc to 10…

All good:

6-Hydroxydopamine hydrochloride

Where did the 0.01 conc come from? -> A second culture, at lower conc’s

Berberine chloride – tested at multiple conc’s below the expected target concs

What would happen to this compound how I have the script set up now?

I think this would update perfectly! Because would just take the listed conc’s, then update

Estradiol, Hexachlorophene – I think same story, it will be okay

Rotene, tetraethyl… yep