

Synoptic CB: Porewater Sulfide

May 2025 Samples Plate 5

2025-10-24

Run Information

```
##### Run information - PLEASE CHANGE
Date_Run = "20250529" #Date that instrument was run
Plate = "5"
Month = "May"
Year = "2025"
Run_by = "Melanie Giessner" #Instrument user
Script_run_by = "Zoe Read" #Code user
Project = "COMPASS"
run_notes = "Chk std 4 is significantly lower than std 4.
Matrix Check 10 ppt is significantly lower than std 5.
Sample 66 and Spike 74 still have high CV.
All dups and their respective samples had Sulfide values of 0.
" #any notes from the run

##### STDs to remove manually - NA unless standards have high CVs
stds_to_remove <- c(NA)

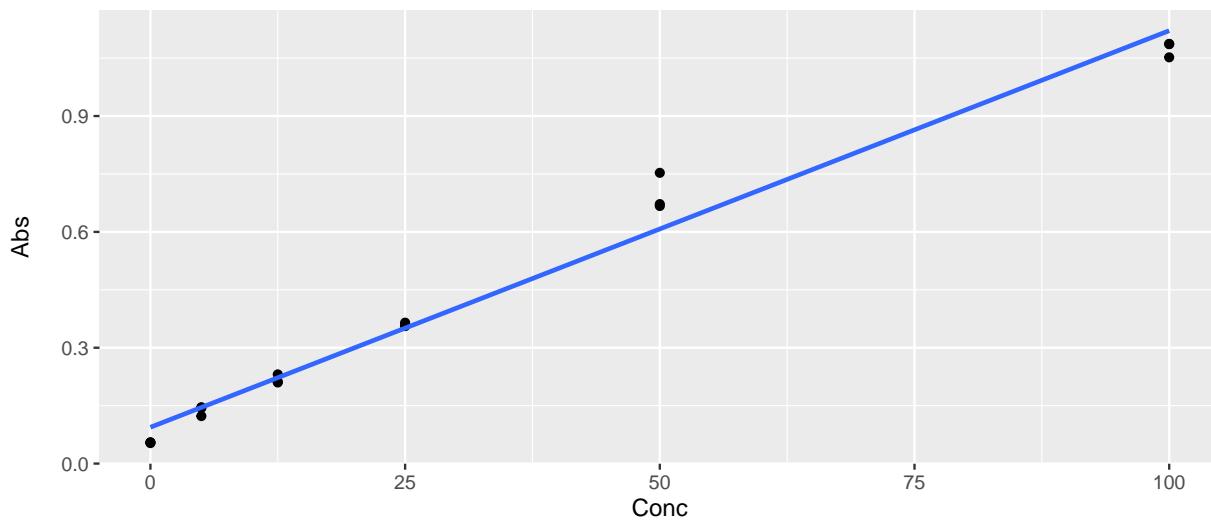
Chkstds_to_remove <- c(NA)

MCs_to_remove <- c(NA)

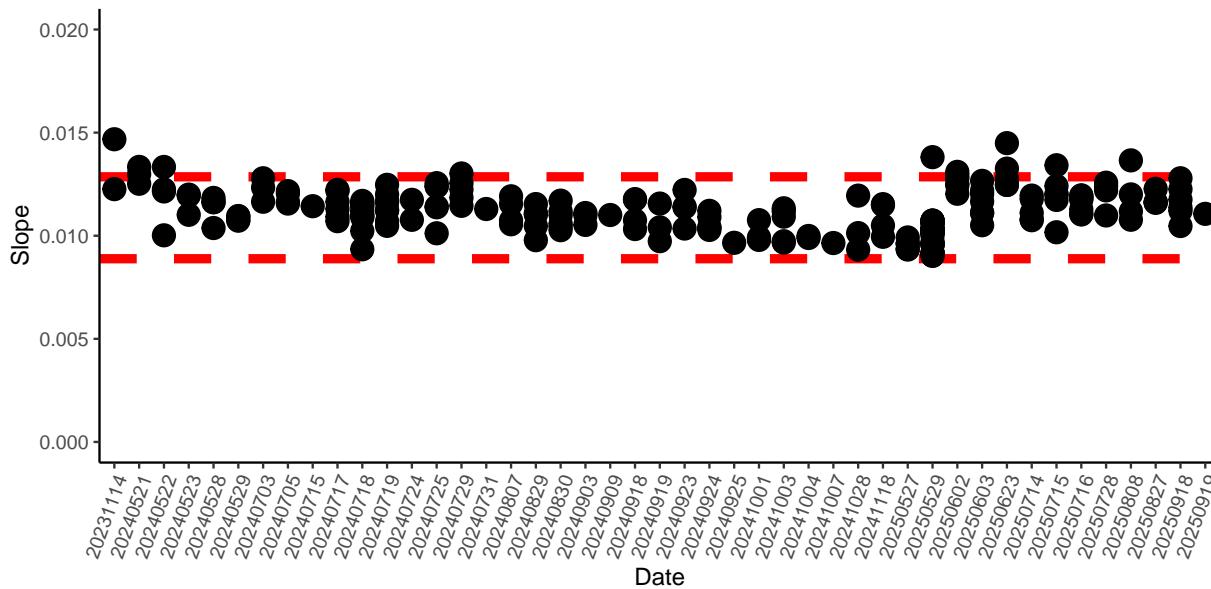
## Sample data that was entered incorrectly
# The Old ID is the original, incorrectly-entered ID and the New ID is the correct ID to change it to.
Old_ID_1 = NA
New_ID_1 = NA

## [1] "Std Curve R squared: 0.9807"
```

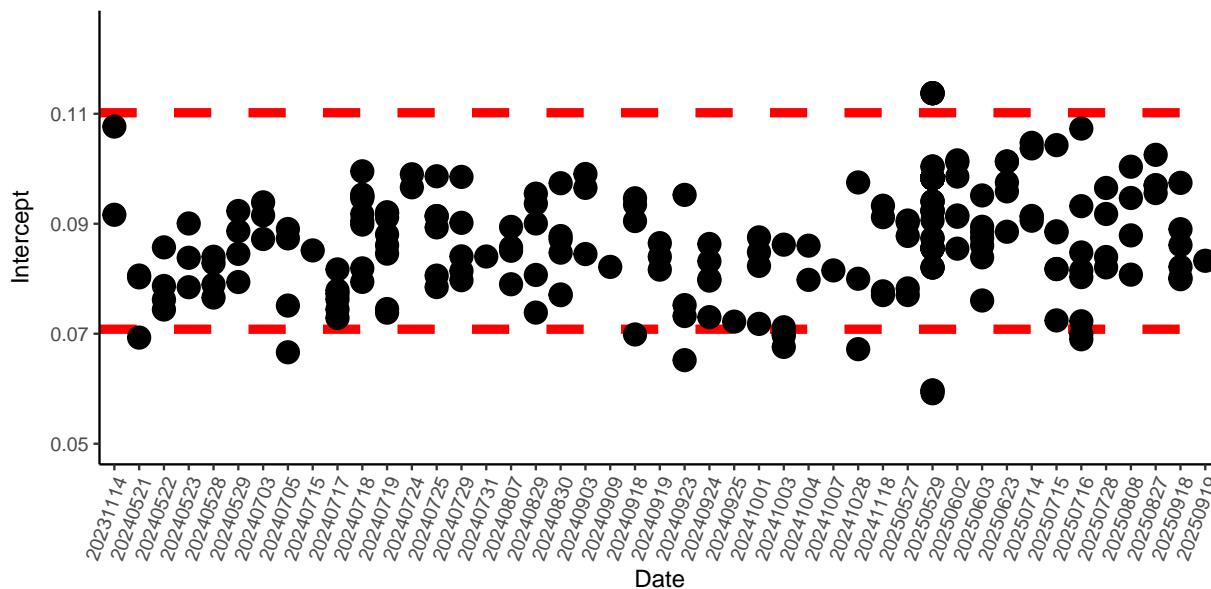
Sulfide Standard Curve



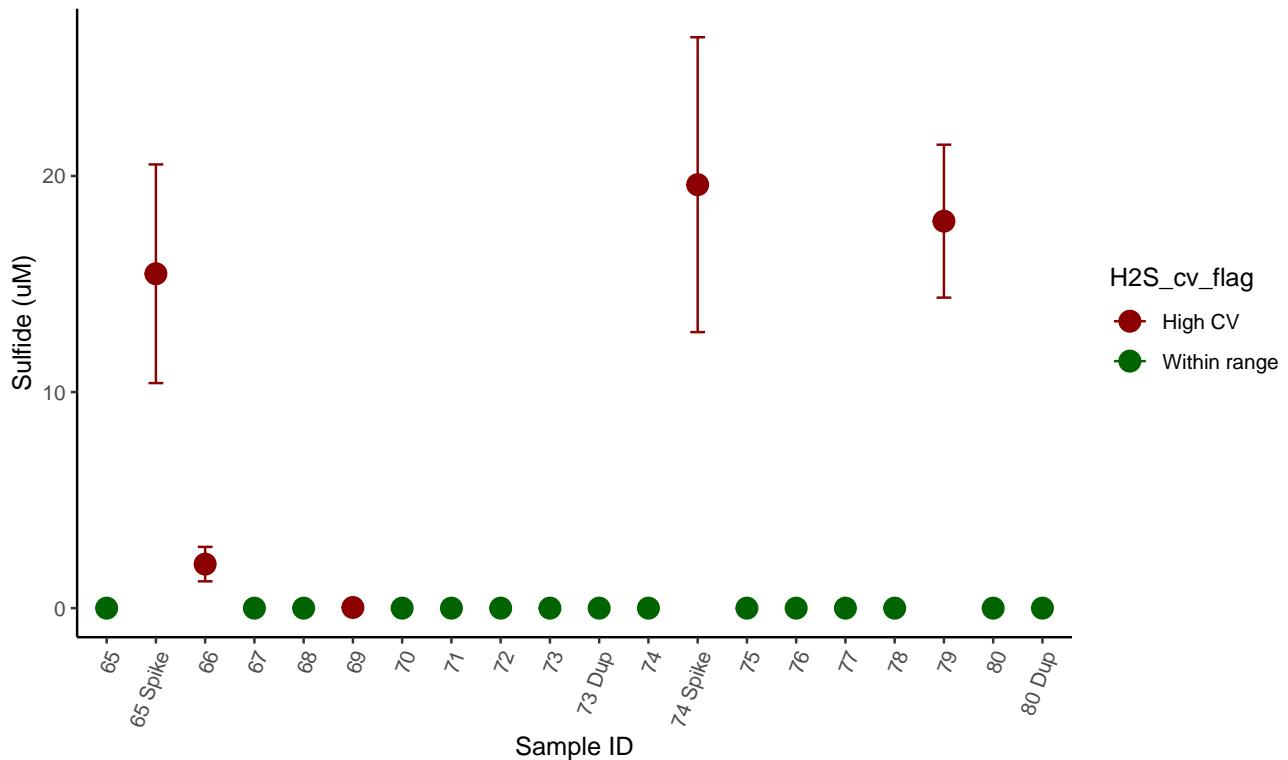
Sulfide Slopes



Sulfide Intercepts



Sample triplicate means and sd dev before bad reps removed



Sample triplicate means and sd dev after bad reps removed

