

Synoptic CB: Porewater Sulfide

May 2025 Samples Plate 4

2025-10-22

Run Information

```
##### Run information - PLEASE CHANGE
Date_Run = "20250529" #Date that instrument was run
Plate = "4"
Month = "May"
Year = "2025"
Run_by = "Melanie Giessner" #Instrument user
Script_run_by = "Zoe Read" #Code user
Project = "COMPASS"
run_notes = "Std curve R squared is low, 0.96.
Std curve intercept is a bit higher than previous intercepts.
Matrix Check 10 is significantly lower than from Std 5.
Sample 54 still has a high cv.
One dup/sample were 0 and one dup (64) had high percent difference.
One spk (49) had slightly high percent recovery.
" #any notes from the run

##### STDs to remove manually - NA unless standards have high CVs
stds_to_remove <- c(NA) #c("E01", "E02", "E03", "F01", "F02", "F03")

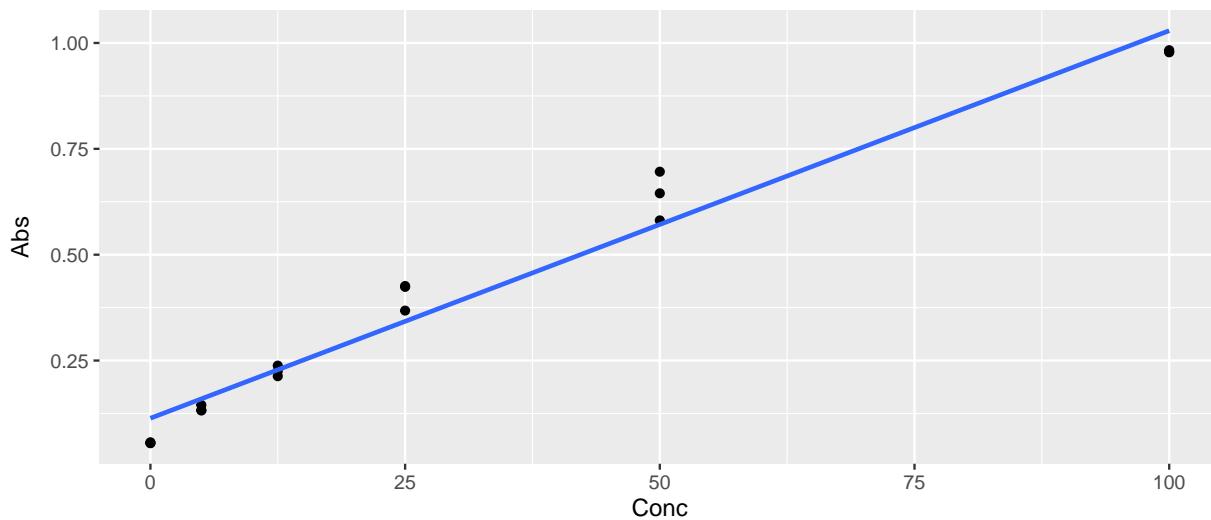
Chkstds_to_remove <- c(NA)

MCs_to_remove <- c(NA)

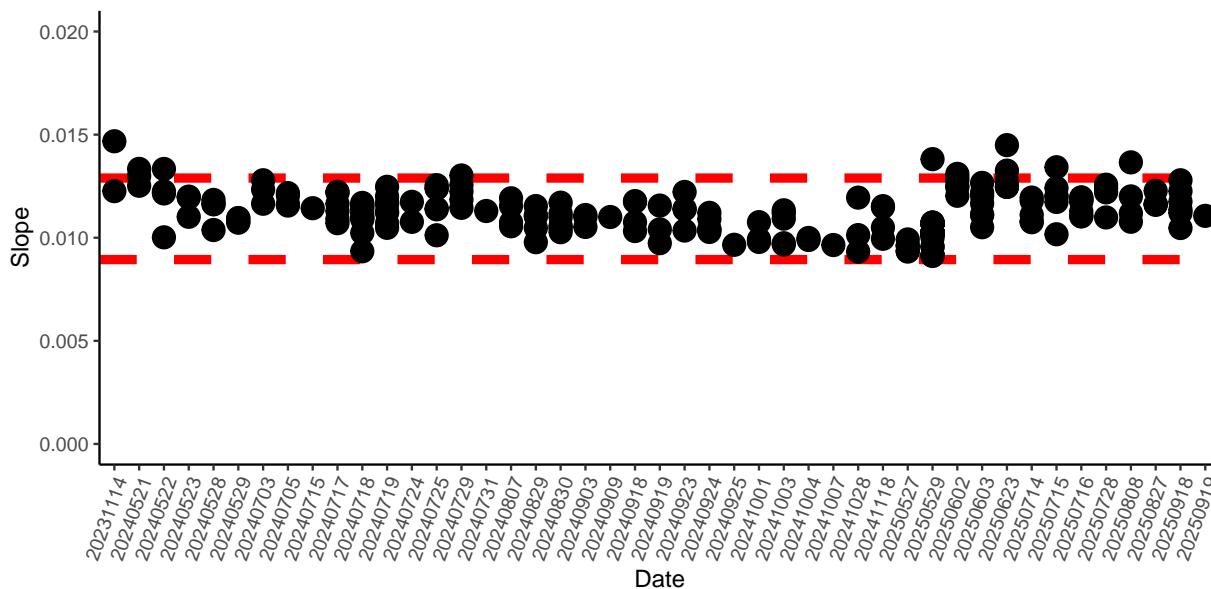
## Sample data that was entered incorrectly
# The Old ID is the original, incorrectly-entered ID and the New ID is the correct ID to change it to.
Old_ID_1 = NA
New_ID_1 = NA

## [1] "Std Curve R squared: 0.9686"
```

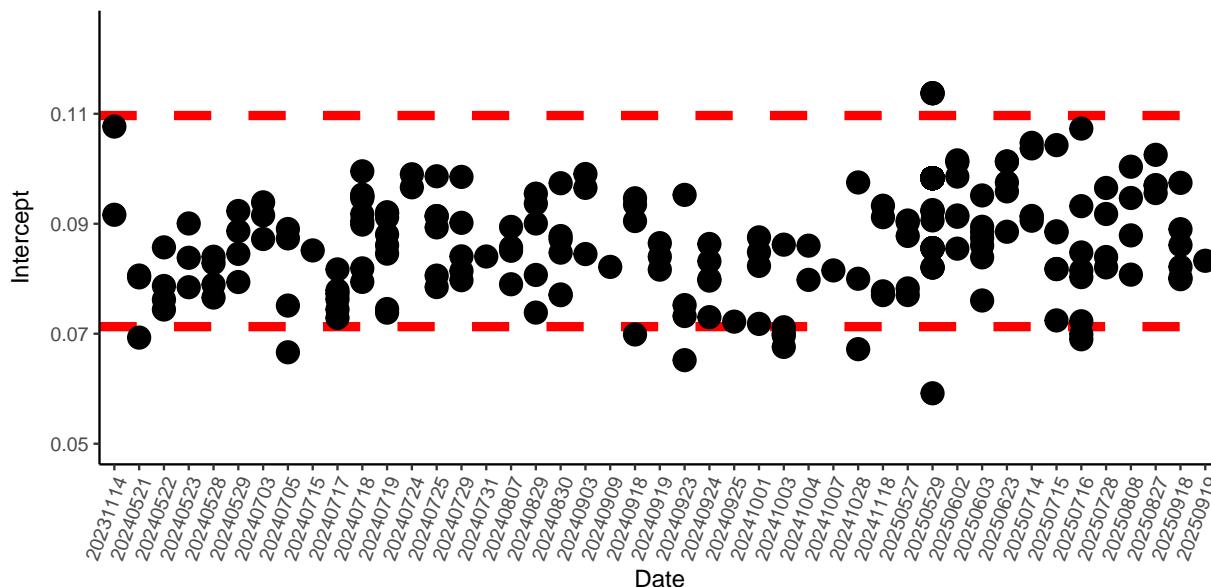
Sulfide Standard Curve



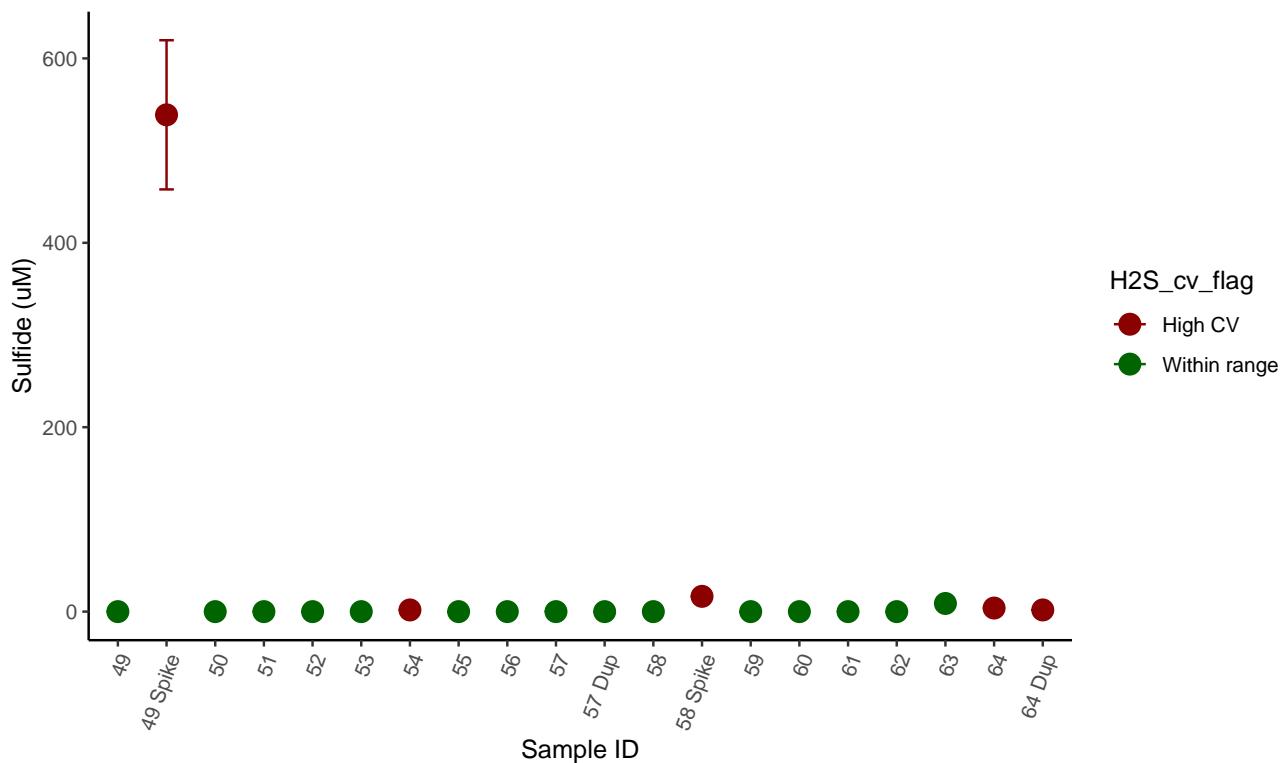
Sulfide Slopes



Sulfide Intercepts



Sample triplicate means and sd dev before bad reps removed



Sample triplicate means and sd dev after bad reps removed

