

Synoptic CB: Porewater Sulfide

November 2025 Samples Plate 3 20251110

2025-12-01

Run Information

```
##### Run information - PLEASE CHANGE
Date_Run = "20251110" #Date that instrument was run
Plate = "3"
Month = "Nov"
Year = "2025"
Run_by = "Zoe Read" #Instrument user
Script_run_by = "Zoe Read" #Code user
Project = "COMPASS"
run_notes = "Dup and respective sample both had H2S values of 0.
50 uL of spike added.
" #any notes from the run

##### STDs to remove manually - NA unless standards have high CVs
stds_to_remove <- c("B03", "C01", "D01") #Ex. c("A02", "B02")

Chkstds_to_remove <- c(NA)

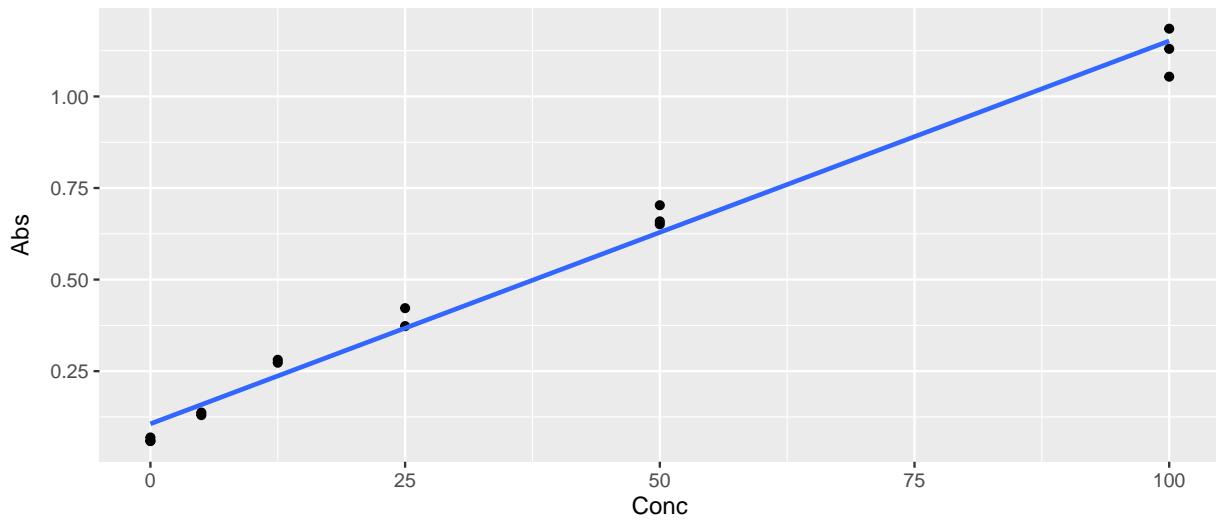
MCs_to_remove <- c(NA)

## 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 = "17 Dup"
# New_ID_1 = "16 Dup"
cat(run_notes)

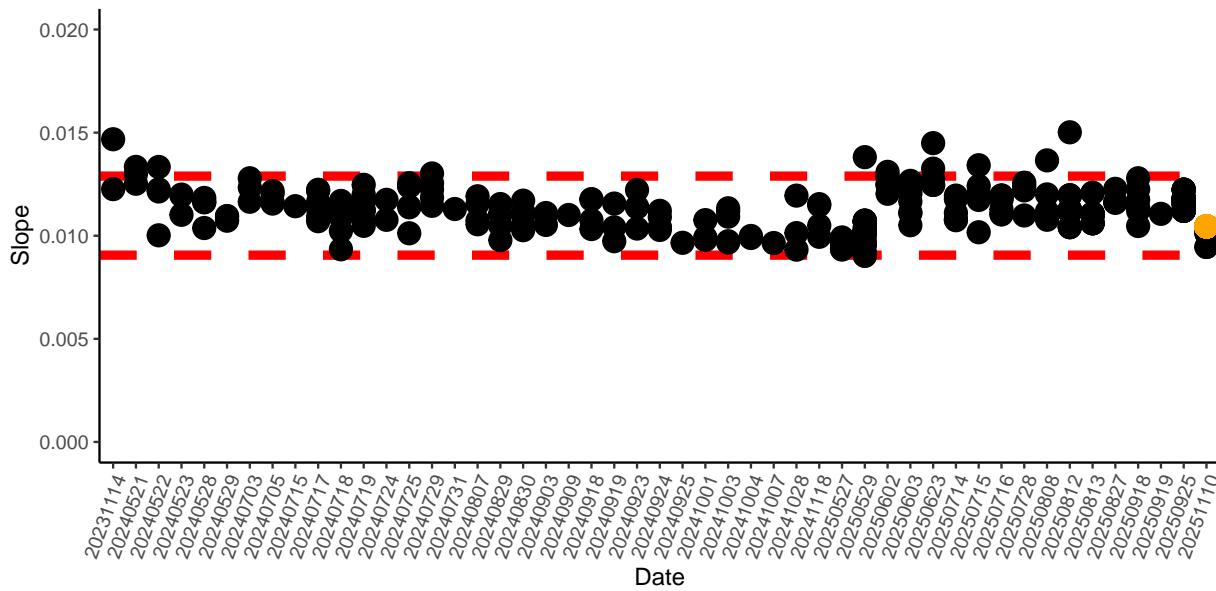
## Dup and respective sample both had H2S values of 0.
## 50 uL of spike added.
##

## [1] "Std Curve R squared: 0.9848"
```

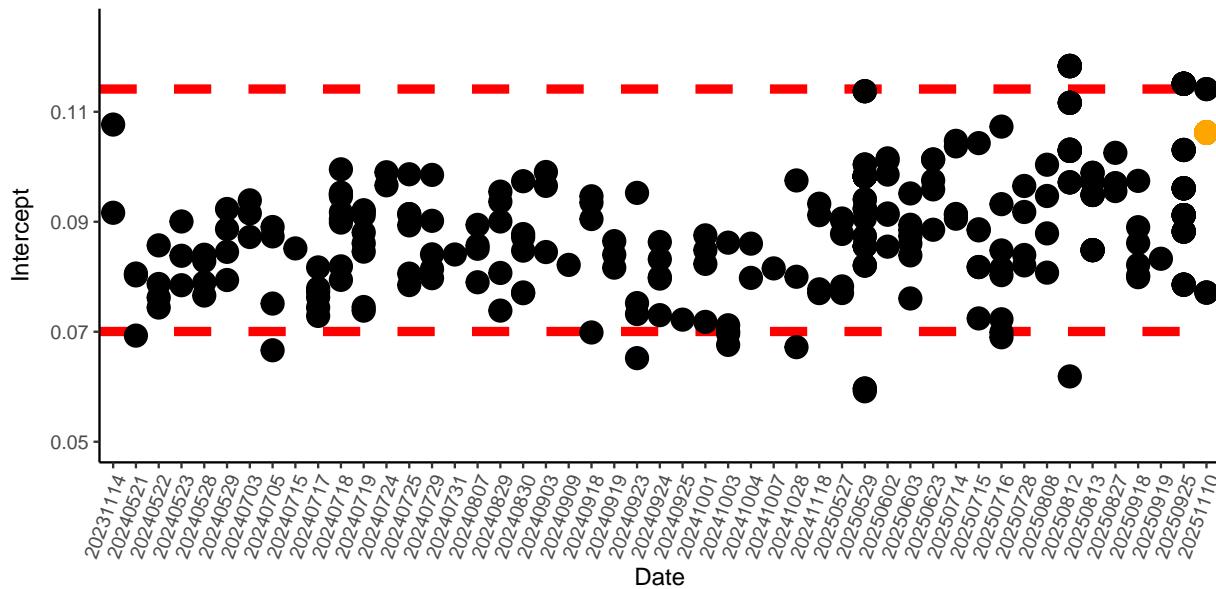
Sulfide Standard Curve



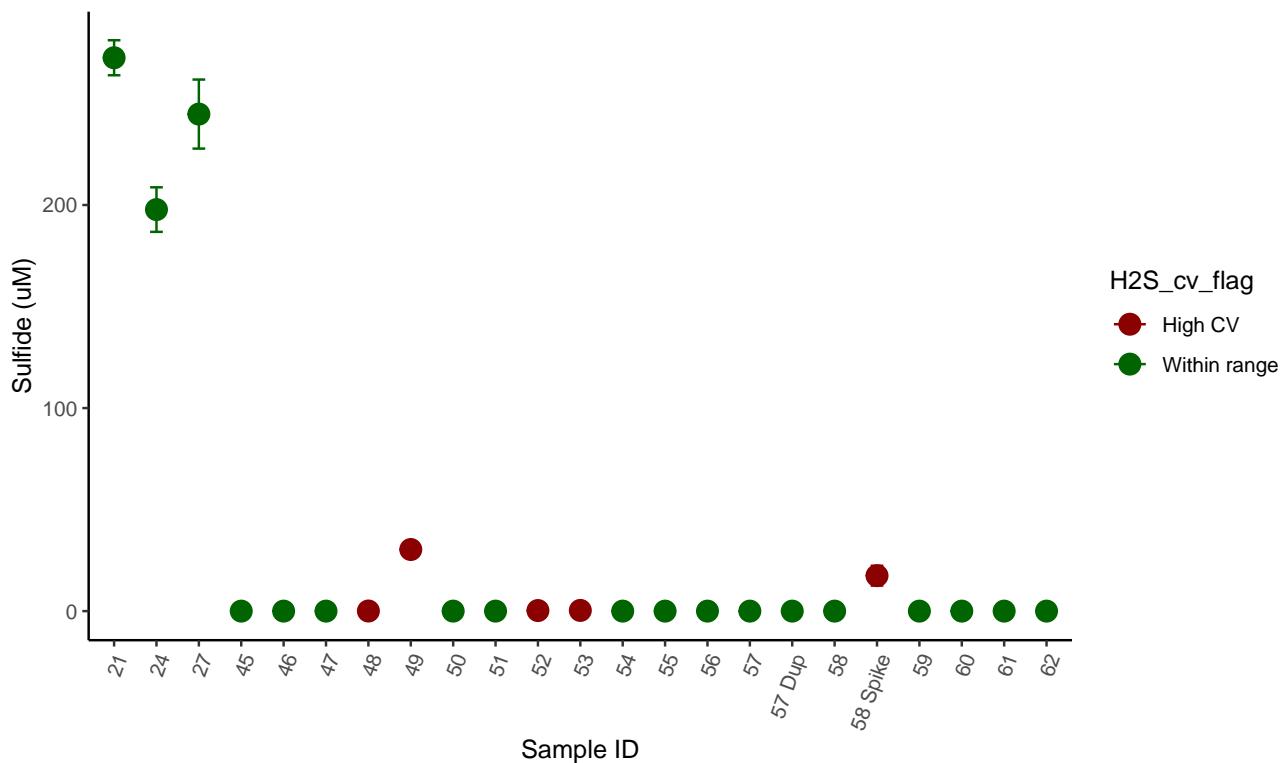
Sulfide Slopes



Sulfide Intercepts



Sample triplicate means and sd dev before bad reps removed



Sample triplicate means and sd dev after bad reps removed

