

Synoptic CB: Porewater Sulfide

November 2025 Samples Plate 4 20251114

2025-12-01

Run Information

```
##### Run information - PLEASE CHANGE
Date_Run = "20251114" #Date that instrument was run
Plate = "5"
Month = "Nov"
Year = "2025"
Run_by = "Zoe Read" #Instrument user
Script_run_by = "Zoe Read" #Code user
Project = "COMPASS"
run_notes = "Std curve slope is 2 sd different from previous slopes.
MC 20 was bad.
Samples 10, 32, and 8 still have high CV after one rep removed.
Both the dup and respective sample 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("D02") #Ex. c("A02", "B02")

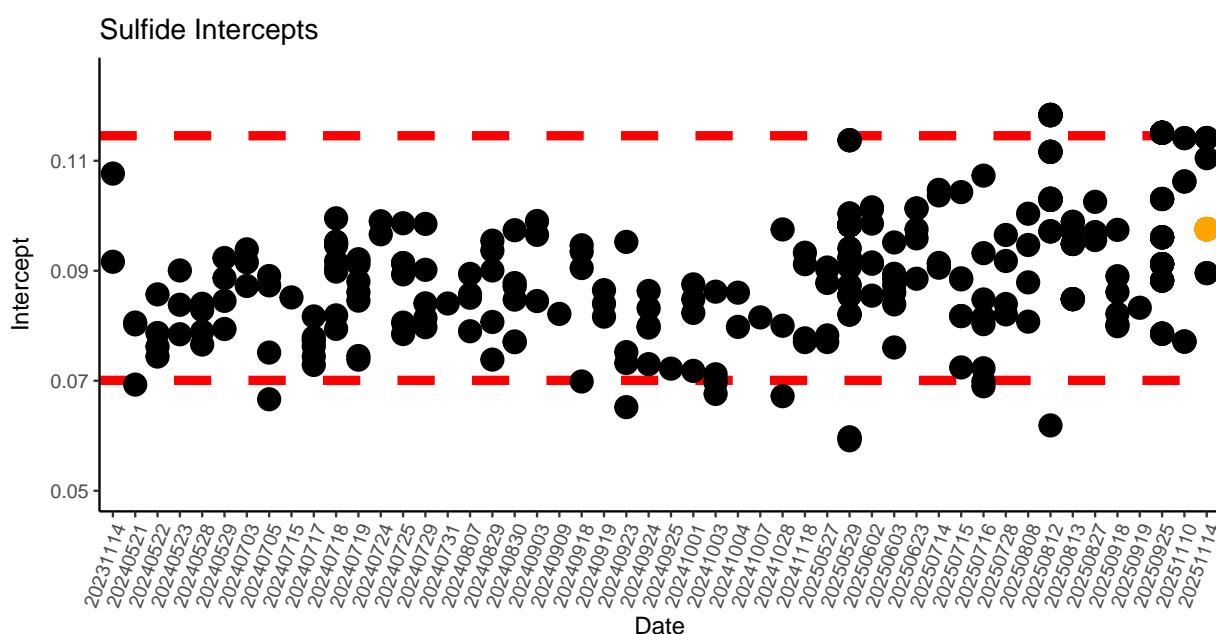
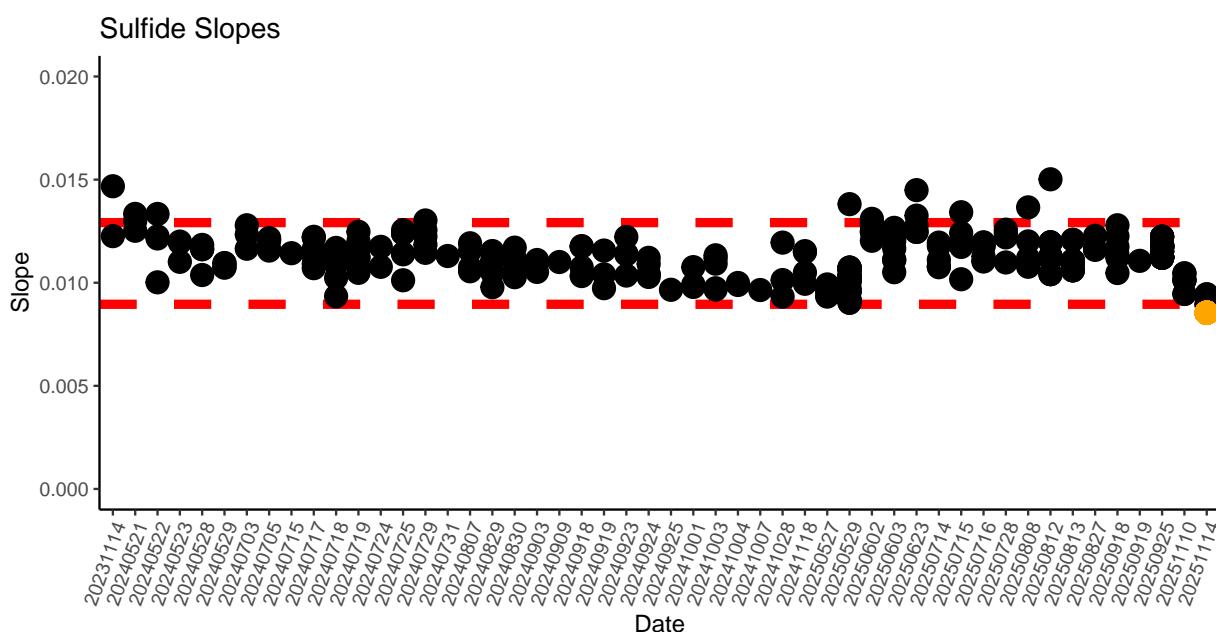
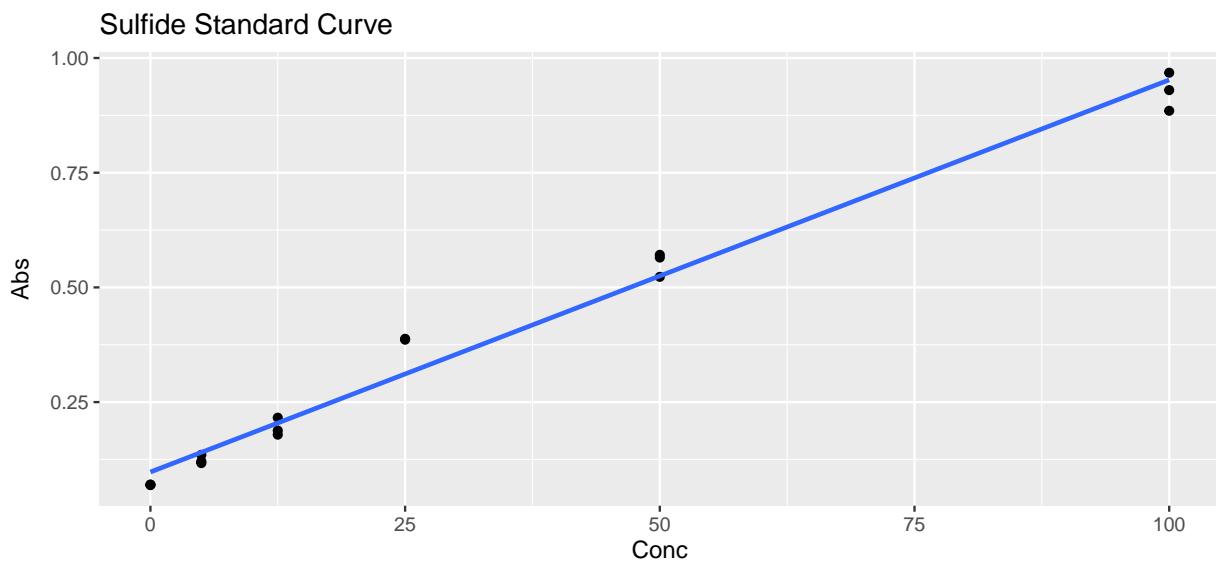
Chkstds_to_remove <- c(NA)

MCs_to_remove <- c(NA)

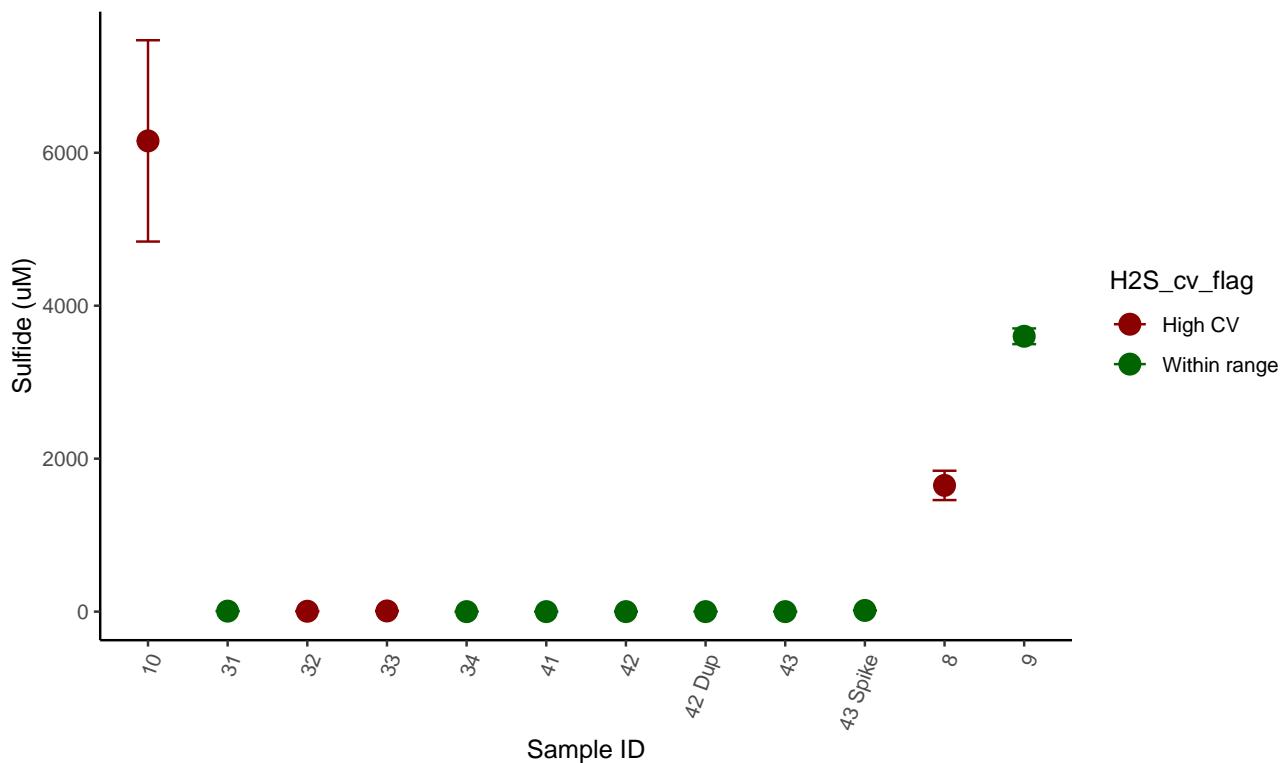
##Sample data that was entered incorrectly
# The Old ID is the original, incorrectly-entered ID and the New ID is the correct ID to change it to.
# Old_ID_1 = "17 Dup"
# New_ID_1 = "16 Dup"
cat(run_notes)

## Std curve slope is 2 sd different from previous slopes.
## MC 20 was bad.
## Samples 10, 32, and 8 still have high CV after one rep removed.
## Both the dup and respective sample had H2S values of 0.
## 50 uL of spike added.
##

## [1] "Std Curve R squared: 0.9833"
```



Sample triplicate means and sd dev before bad reps removed



Sample triplicate means and sd dev after bad reps removed

