

Synoptic CB: Porewater Sulfide

September 2025 Samples Plate 6

2025-10-24

Run Information

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##### Run information - PLEASE CHANGE
Date_Run = "20250925" #Date that instrument was run
Plate = "6"
Month = "Sept"
Year = "2025"
Run_by = "Steph Wilson and Zoe Read" #Instrument user
Script_run_by = "Zoe Read" #Code user
Project = "COMPASS"
run_notes = "Matrix Check 10 is significantly different from Std 5.
Samples 91, 19, 36, and 98 still have high CVs after one replicate removed.
Sample July_42 needs dilution.
Dup 38 had high percent difference.
Spk 39 had low percent recovery.
" #any notes from the run

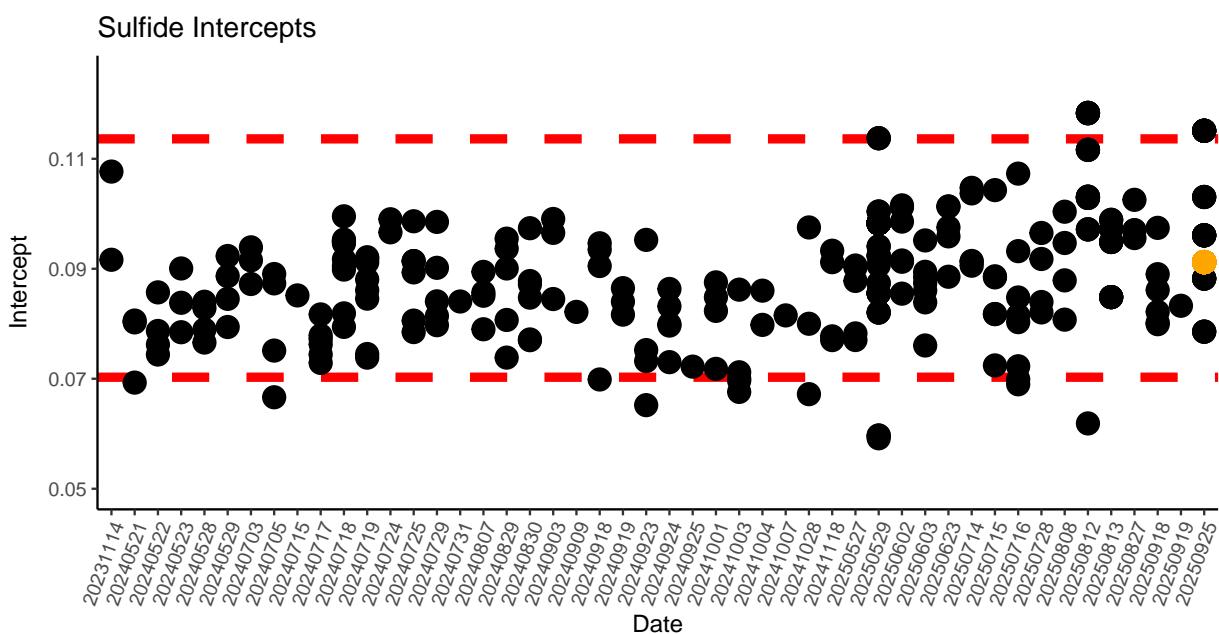
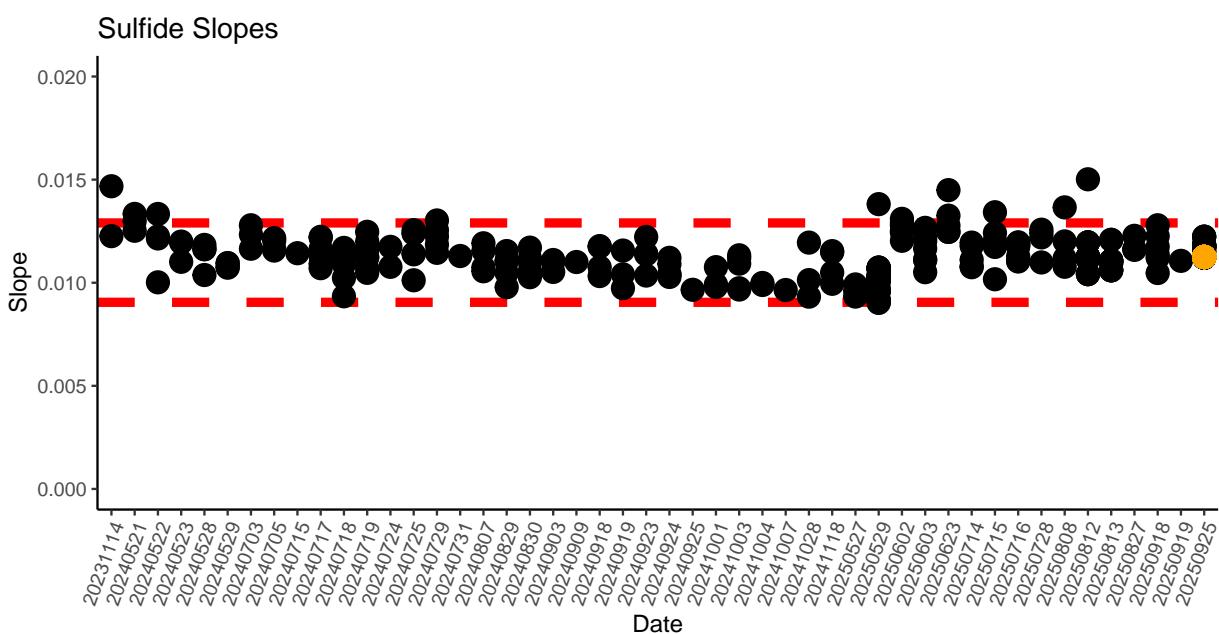
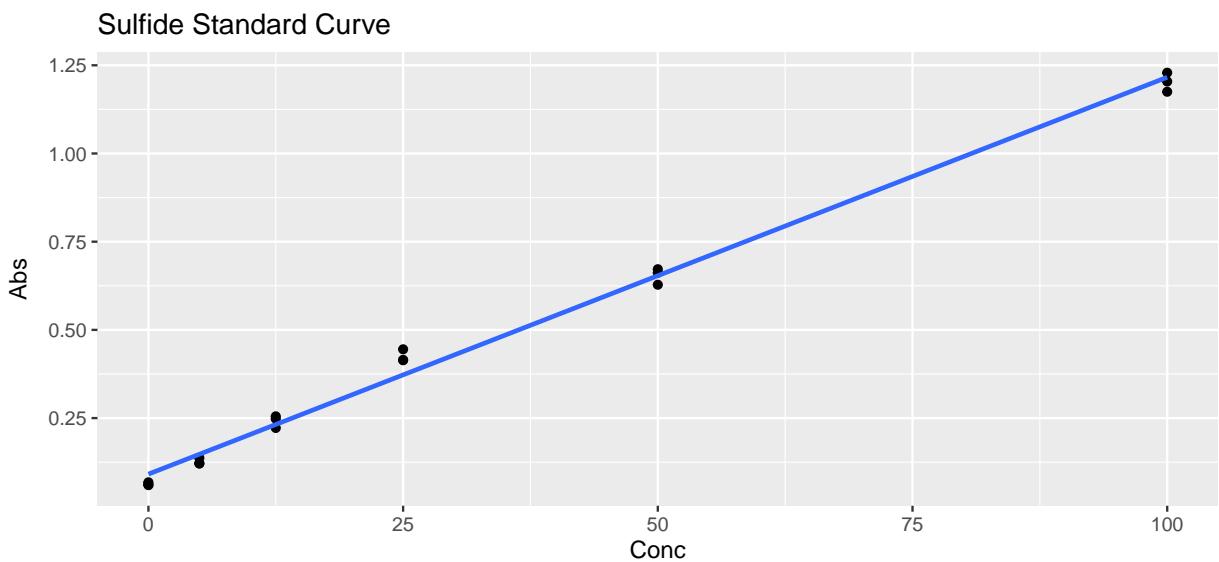
##### STDs to remove manually - NA unless standards have high CVs
stds_to_remove <- c(NA) #Ex. c("A02", "B02")

Chkstds_to_remove <- c(NA)

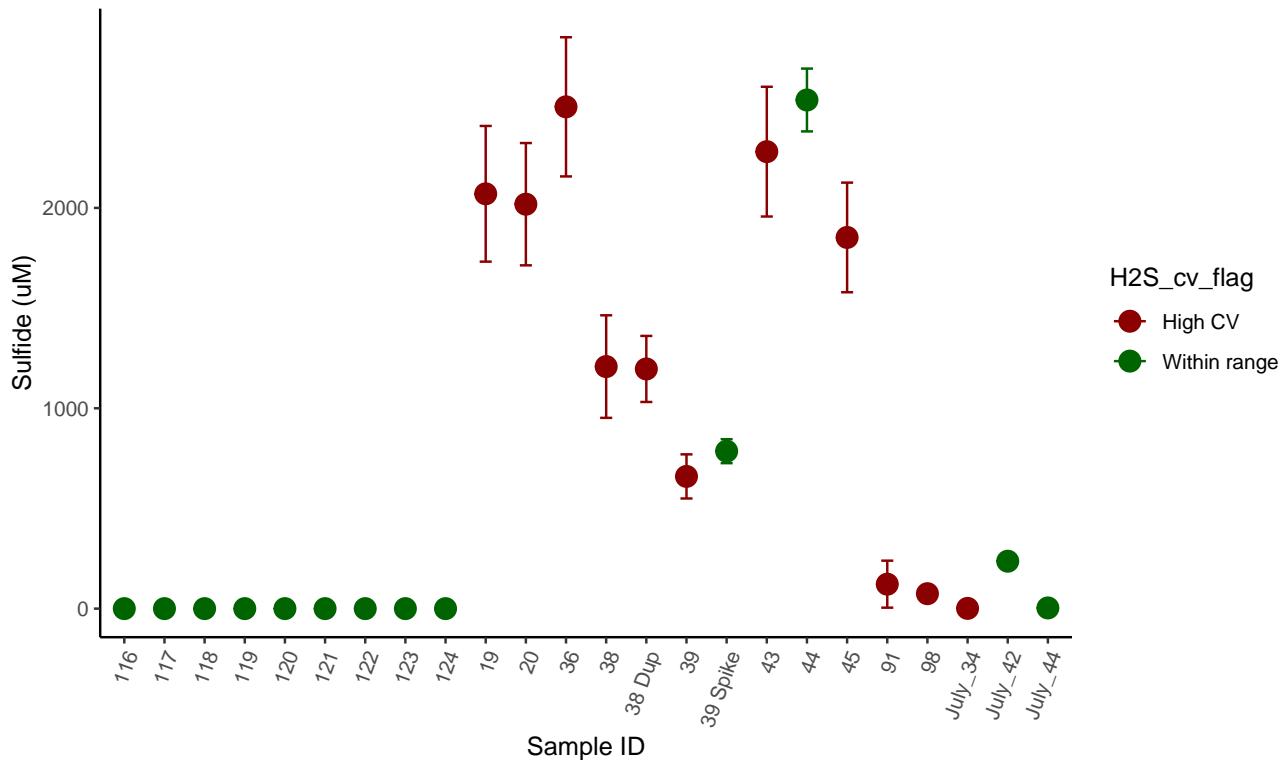
MCs_to_remove <- c(NA)

## 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)

## Matrix Check 10 is significantly different from Std 5.
## Samples 91, 19, 36, and 98 still have high CVs after one replicate removed.
## Sample July_42 needs dilution.
## Dup 38 had high percent difference.
## Spk 39 had low percent recovery.
##
## [1] "Std Curve R squared: 0.9935"
```



Sample triplicate means and sd dev before bad reps removed



Sample triplicate means and sd dev after bad reps removed

