

# Synoptic CB: Porewater Sulfide

September 2025 Samples Plate 2

2025-10-24

## Run Information

```
##### Run information - PLEASE CHANGE
Date_Run = "20250925" #Date that instrument was run
Plate = "2"
Month = "Sept"
Year = "2025"
Run_by = "Steph Wilson and Zoe Read" #Instrument user
Script_run_by = "Zoe Read" #Code user
Project = "COMPASS"
run_notes = "Samples 34 and 44 still have high CVs after one replicate removed.
Samples 36, 38, 39, 43, and 44 need to be diluted.
Duplicate & sample had H2S values of 0.
Spk had high percent recovery.
" #any notes from the run

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

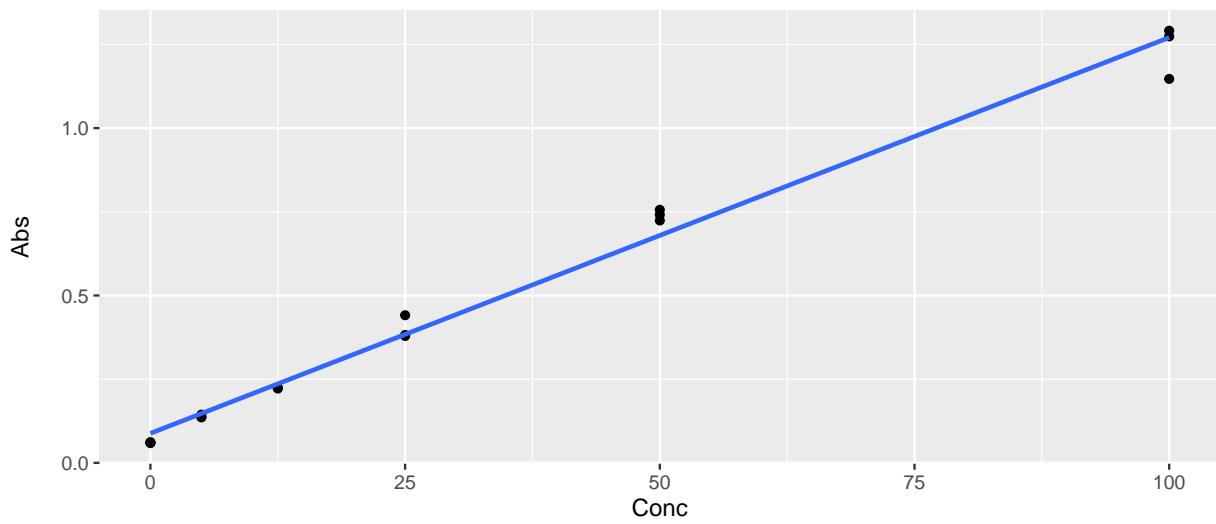
Chkstds_to_remove <- c(NA)

MCs_to_remove <- c(NA)

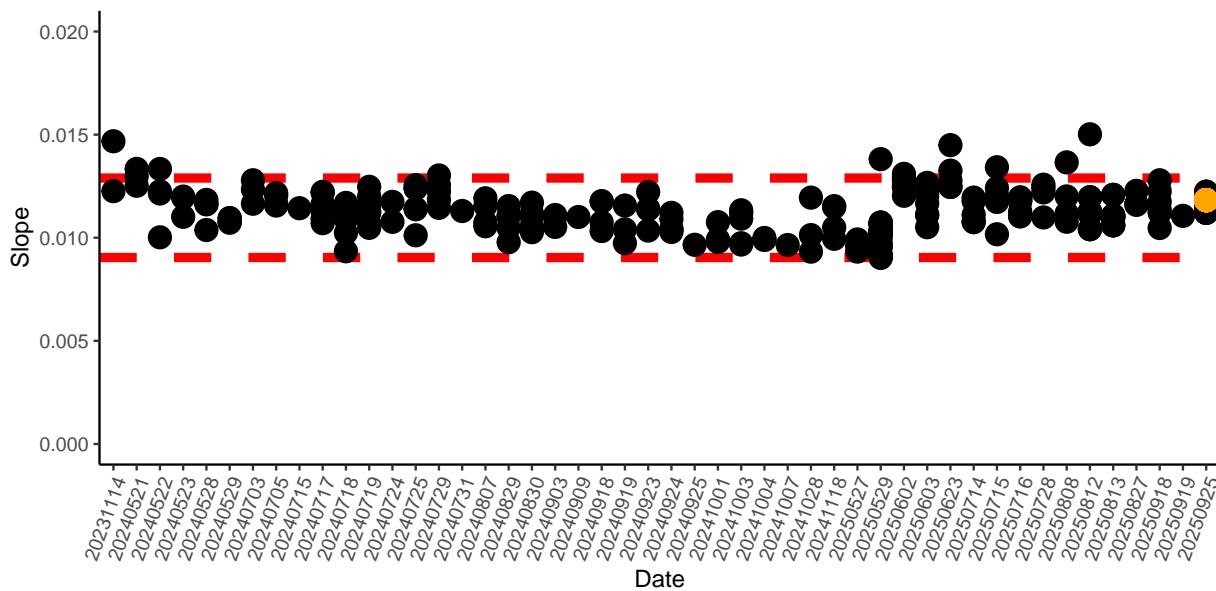
##Sample data that was entered incorrectly
# The Old ID is the original, incorrectly-entered ID and the New ID is the correct ID to change it to.
# Old_ID_1 = "17 Dup"
# New_ID_1 = "16 Dup"
cat(run_notes)

## Samples 34 and 44 still have high CVs after one replicate removed.
## Samples 36, 38, 39, 43, and 44 need to be diluted.
## Duplicate & sample had H2S values of 0.
## Spk had high percent recovery.
##
## [1] "Std Curve R squared: 0.9879"
```

### Sulfide Standard Curve



### Sulfide Slopes



### Sulfide Intercepts

