

Synoptic CB: Porewater Sulfide

July 2025 Samples Plate 2

2025-10-24

Run Information

```
##### Run information - PLEASE CHANGE
Date_Run = "20250812" #Date that instrument was run
Plate = "2"
Month = "July"
Year = "2025"
Run_by = "Melanie Giessner" #Instrument user
Script_run_by = "Zoe Read" #Code user
Project = "COMPASS"
run_notes = "Samples 17 and 18 need to rerun with dilutions.
Both dups & respective samples have H2S values of 0.
One spike had a high percent recovery.
" #any notes from the run

##### STDs to remove manually - NA unless standards have high CVs
stds_to_remove <- c("C02", "D01", "E02") #Ex. c("A02", "B02")

Chkstds_to_remove <- c(NA)

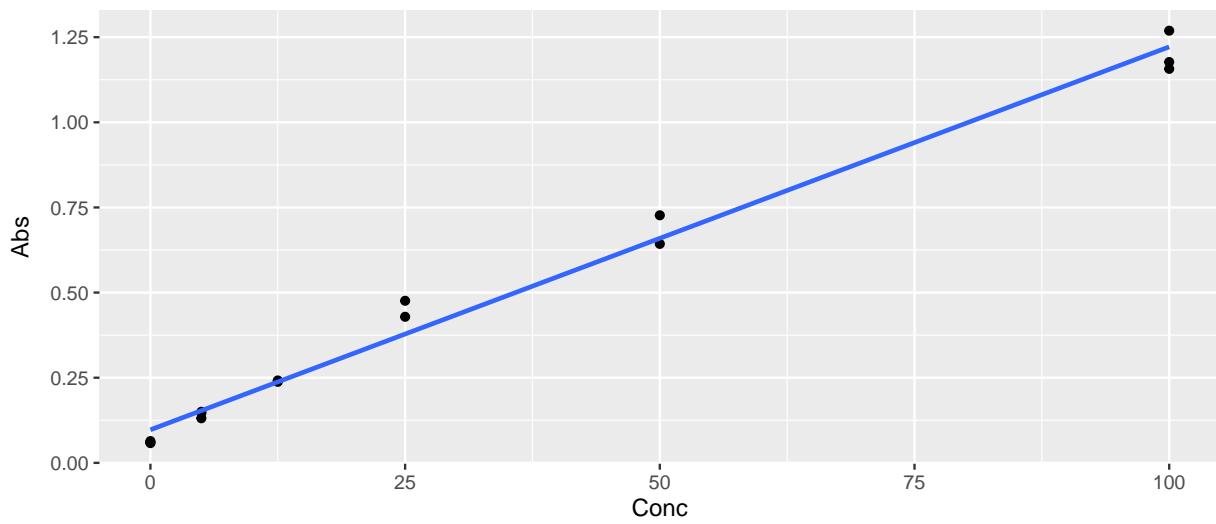
MCs_to_remove <- c(NA)

## 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"

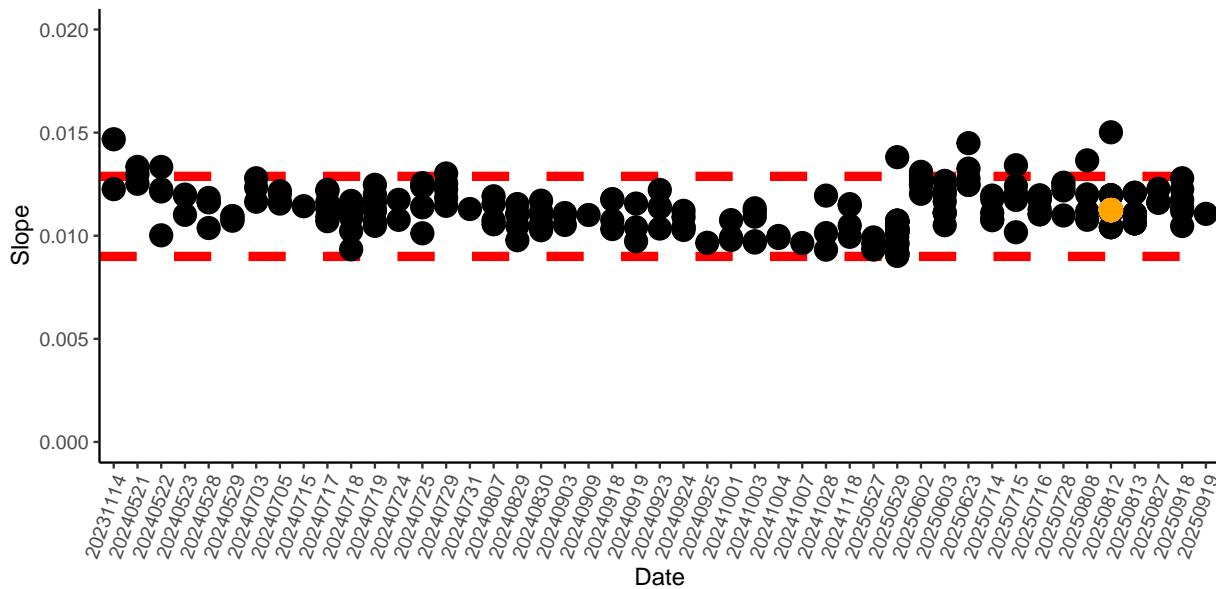
cat(run_notes)

## Samples 17 and 18 need to rerun with dilutions.
## Both dups & respective samples have H2S values of 0.
## One spike had a high percent recovery.
##
## [1] "Std Curve R squared: 0.9878"
```

Sulfide Standard Curve



Sulfide Slopes



Sulfide Intercepts

