Tidying AA data

```r
library(tidyverse)
```

```
## -- Attaching packages --------------------------------------- tidyverse 1.3.0 --
```

```
## v ggplot2 3.3.2     v purrr   0.3.4
## v tibble  3.0.4     v dplyr   1.0.2
## v tidyr   1.1.2     v stringr 1.4.0
## v readr   1.4.0     v forcats 0.5.0
```

```
## -- Conflicts ------------------------------------------ tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

```r
library(readr)
library(janitor)
```

```
##
## Attaching package: 'janitor'
```

```
## The following objects are masked from 'package:stats':
##
##     chisq.test, fisher.test
```

```r
AA_imported <- read_csv("~/chem313/313_icpms/data/AA_Data.csv",
                        skip = 4,
                        na = "N/A")
```

```
##
## -- Column specification -----------------------------------------------------------
## cols(
##   `Sample Key` = col_character(),
##   `Mean Abs.` = col_double(),
##   `%RSD` = col_character()
## )
```

```r
AA_imported <- AA_imported %>%
  rename(Sample.Key = "Sample Key")

sample_key <- read.csv("~/chem313/313_icpms/data/Sample_Key.csv",
                       skip = 0)

AA_merged <- merge(AA_imported, sample_key) %>%
  clean_names()

write.csv(AA_merged, "~/chem313/313_icpms/data/tidy_AA.csv")
```