Running samples on B+L AA3

Method=NH4\_NO3High

General Info on standards

|  |  |  |  |
| --- | --- | --- | --- |
| Stock solution (ppm) |  | 1000 | 71428.57 (umol/L) |
|  |  | NO3 |  |
|  | umol | Dilutions |  |
| Cal1 | 1214 | 0.016996 | 0.017 |
| Cal 2 | 714 | 0.009996 | 0.01 |
| Cal 3 | 607 | ½ dilution of cal 1 |  |
| Cal 4 | 303.5 | ½ dilution of cal 3 |  |
| QC | 628.5 | 0.008799 | 0.0088 |
|  |  |  |  |
|  |  | NH4 |  |
|  | umol | Dilutions |  |
| Cal1 | 1214 | 0.016996 | 0.017 |
| Cal 2 | 714 | 0.009996 | 0.01 |
| Cal 3 | 607 | ½ dilution of cal 1 |  |
| Cal 4 | 303.5 | ½ dilution of cal 3 |  |
| QC | 628.5 | 0.008799 | 0.0088 |

**Preparation of Standards**

Cal 1 17ml of NO3 and 17 ml of NH4 in 1L volumetric flask

Cal2 5 ml of NO3 and 5 ml of NH4 in 500 mL volumetric flask

Cal 3 ½ dilution of cal 1

Cal4 ½ dilution of cal 3

Cal 4 DDW

QC 2~~.2 ml of NO3 and 2.2ml of NH4 in 250 mL volumetric flask~~ cal3

 Just use Cal 3