**GLI Method Summary**

**Sodium Hydroxide Fusion**

**Governing SOP:** G-56G Rev 7  
**Analyte:** Various  
**Range:** ppm-%

| Procedure | Weigh sample into Zr crucible and add approximately 1 gram of NaOH (at least 10:1 ratio). Mix well and heat over a Bunsen burner until the mixture becomes a smooth liquid. Cool crucible and place in a beaker. Cover with deionized water and concentrated HCl. Heat on a hotplate until the solution becomes clear. Transfer to a volumetric flask and fill to the mark with deionized water. |

**Reference**