C02A METALS (FULL RANGE) IN WATER

1.0 Sample Reception

1.1 All breakages and shortages must be reported within 24 hours of sample receipt.

1.2 The samples are preserved with 0.2% HNO_3 and may be stored at room temperature upon receipt. Samples are stable for the duration of the study.

1.3 Check that all the parameters for which you are registered are correctly identified in the PTC portal.

1.4 Inquiries regarding samples and their shipment may be directed to:

PT Non-conformances
Information and Quality Management
Environment and Climate Change Canada
fax: 905-336-8914
email: ec.ptnc.ec@canada.ca

cc: PT Canada Program Officer
email: programofficer@PTcanada.org
cc: Nadine Lewis, PTC Executive Director
email: nlewis@PTcanada.org

Inquiries should be made by email. When reporting damage upon receipt, please provide a picture of the damaged samples. Please include your PT Canada laboratory number on all correspondence.

2.0 Sample Analysis

2.1 Samples are particulate-free and should not be digested nor filtered prior to analysis.

2.2 All metals are at concentrations suitable for ICP-MS, ICP-OES and/or atomic absorption (refer to the PTC Catalogue for approximate concentration ranges).

2.3 Samples contain metals commonly used as Internal standards for ICP-MS (e.g., Lithium and Bismuth). Calibration may have to be adjusted accordingly.

2.4 Proceed with testing using the routine analytical method identified in your PT Canada application.

3.0 Reporting Results

3.1 Results must be reported by midnight of the study deadline in the PTC portal.

3.2 Report RDL (optional) if you want RDL accounted for in z scores.

4.0 Safety

4.1 The PT samples are designed for use by laboratory professionals familiar with environmental samples and potentially hazardous materials.