# Inventory of Quality Control Data for Inorganic Analyses

Report Title: Brickhouse Environmental
Report Date: 2/17/10
Sampler: Brickhouse Environmental
Sampling Date: 1/22/10
Number of Samples: 13
Laboratory: Test America
Lab ID: KTA0367
Well ID: See Attached Sheet
Electronic File Name: CAGOT - EPA 0000 20 Brickhouse February 17, 2010.pdf

| Analytical Parameter | Matrix | Method | | |
|---|---|---|---|---|
| | | Digestion | Analysis | Modification |
| (13) Total Metals Se/Hg | water | Not Known | 6000/7000 Series | |
| Metals (13) | " | Not Known | 200.7 7 | |
| Metals (13) | " | Not Known | 6020-14 | |
| Bicarbonate/Alk (13) | " | NA | 310.1 / SM2540C | |
| Anions (13) | " | NA | 300.A | |
| Total Cyanide (3) | " | NA | 4500-CNE | |

## QC Measures

KEY:
P = applicable and present
M = applicable and missing
NA = not applicable

| | Metals Se/Hg 6000/7000 | Anions | Nitrate/Nitrite | Oil & Grease | Total Cyanide | Metals - 7 200.7 | Metals - 4 6020 | TAK Bicarbonate | |
|---|---|---|---|---|---|---|---|---|---|
| Reporting Level(s) | P | P | | | P | P | P | P | |
| Laboratory Narrative | M | M | | | M | M | M | M | |
| Result Forms / Target Analyte Identification | P | P | | | P | P | P | P | |
| Sample Preservation | P | M | | | M | P | P | P | |
| Holding Time | P | P | | | M | P | P | P | |
| Digestion and Distillation Logs | M | NA | | | NA | M | M | NA | |
| Standards Preparation Logs | M | M | | | M | M | M | M | |
| Run Logs (includes standards and samples) | M | M | | | M | M | M | M | |
| Initial Calibration | M | M | | | M | M | M | M | |
| Continuing Calibration | M | M | | | M | M | M | NA | |
| Laboratory Blanks | M | M | | | M | M | M | M | |
| Trip Blanks | NA | NA | | | NA | NA | NA | NA | |
| Field Blanks | M | M | | | M | M | M | NA | |
| Field Duplicates | M | M | | | M | M | M | M | |
| Matrix Spike Recovery | M | M | | | M | M | M | NA | |
| Laboratory Duplicates | M | M | | | M | M | M | NA | |
| Laboratory Control Sample | M | M | | | M | M | M | NA | |
| Internal Standard Area | NA | NA | | | NA | NA | NA | NA | |
| Method of Standard Addition Results | NA | NA | | | NA | NA | NA | NA | |
| ICP Serial Dilutions | M | NA | | | NA | M | M | NA | |
| ICP Interference Check Sample | M | NA | | | NA | M | M | NA | |
| ICP Inter-element Correction Factors | M | NA | | | NA | M | M | NA | |
| ICP Linear Ranges | M | NA | | | NA | M | M | NA | |
| Raw Data (i.e., instrument readouts) | M | NA | | | NA | M | M | NA | |
| Example Sample Calculation | M | M | | | M | M | M | M | |
| Dilution Factor | P | P | | | P | P | P | P | |
| Sample Paperwork (sample tags, chain of custody forms) | P | P | | | P | P | P | P | |
| % Solids (for sediment / soils samples) | NA | NA | | | NA | NA | NA | NA | |
| | | | | | | | | | |

January 2012