

## C38 VOCs IN SOIL (TCLP)

### 1.0 Sample Reception

- 1.1 Samples are provided as 2x2mL flame sealed ampoules, each containing 1mL of concentrate, and 2x50grams sand (Method 1311 states a maximum of 25g sample for VOC ZHE extraction).
- 1.1 All breakages and shortages must be reported within 24 hours of sample receipt.
- 1.2 Store samples at 4±2°C and in the dark upon receipt. Perform analysis as soon as possible after receipt.
- 1.3 Check that all the parameters for which you are registered are correctly identified on the web data entry report page.
- 1.4 Inquiries regarding samples and their shipment may be directed to:

PT Non-conformances

Phenova  
Tel: (866) 942-2978  
Fax: (866) 283-0269  
Email: TyG@phenova.com

cc: PT Canada, Program Administrator  
email: programadmin@PTcanada.org  
cc: Ken Middlebrook, PT Canada  
email: kmiddlebrook@PTcanada.org

Inquiries must be made by email only. Use the enclosed Nonconformance Form (see reverse) when notifying PT Canada of a problem with the samples. Please include your PT Canada laboratory number on all correspondence.

### 2.0 Leaching Process

- 2.1 Weigh **25 g** of soil into a zero-headspace-extractor, spike **250 µL** from the C38-1 ampoule on top of the sand, add **500 mL of extraction fluid #1**.
- 2.2 Immediately seal the ZHE and place in tumbler.
- 2.3 Repeat this process for sample C38-2.

### 3.0 Sample Analysis

- 3.1 Refer to PAR02 Catalogue for approximate concentration range.
- 3.2 Proceed with testing using the routine analytical method identified in your PT Canada application. Separation and particle size reduction is not required. Proceed under the assumption that the samples are 100% solids.
- 3.3 Tumble as per routine method and filter for analysis.

### 4.0 Reporting Results

- 4.1 Results must be reported by midnight of the study deadline (see the General Proficiency Testing Information sheet for details).
- 4.2 Report results using the units in the web-data-entry system.

### 5.0 Safety

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

# PT SAMPLE NON-CONFORMANCE FORM

Attn: PT non-conformances

Study Number:

ENSURE THAT SAMPLES RECEIVED MATCH REPORT FORMS

## 1 - Laboratory Information

Contact Name:

Laboratory Name

Laboratory Address

Contact Telephone #

Contact Facsimile #

Contact e-mail:

## 2 - Sample Details

Date & Time of Arrival(YYYY,MM,DD,HH:MM):

Tracking Number:

Test Groups Received (e.g. C1, C2 etc.):

Number of Boxes:

## 3 - Description of Nonconformance

## 4 - Requested Action

## 5 - PT Provider Notes