



284 Sheffield Street, Mountainside, NJ 07092  
Phone: 908 789 8900 Fax: 908 789 8922

## **CASE NARRATIVE**

**Weston Solutions, Inc.**  
**Project Name: RFP 918**  
**Project # N/A**  
**Order ID # Q3321**  
**Test Name: TCLP VOA**

### **A. Number of Samples and Date of Receipt:**

1 Solid sample was received on 10/09/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: TCLP VOA. This data package contains results for TCLP VOA.

### **C. Analytical Techniques:**

The analysis performed on instrument MSVOA\_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis of TCLP VOA was based on method 8260D and TCLP extraction method was 1311.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank Spike Duplicate met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration File ID VX048126.D met the requirements except for Vinyl Chloride is failing high but no positive hit in associate sample therefore no corrective action taken.

The Tuning criteria met requirements.

### **E. Calculation:**

Water Calculation in ug/L

$$\frac{(A_x)(I_s)(Df)}{(Ais)(RRF)(V0)}$$

Where,



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Ax = Area for the compound to be measured  
Ais = Area for the specific internal standard  
Is = Amount of internal standard added in nanograms (ng)  
RRF = Relative response factor of the initial calibration curve standard.  
Vo = Volume of water purged in milliliters (mL)  
Df = Dilution factor.

**F. Additional Comments:**

Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Trip Blank was not provided with this set of samples.

**G. Manual Integration Comments:**

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_