



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

## **CASE NARRATIVE**

**AECOM Technical Services, Inc.**

**Project Name: NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258**

**Project # N/A**

**Order ID # Q3156**

**Test Name: SVOC-SIMGroup1**

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

20 Water samples were received on 09/19/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: SVOC-SIMGroup1. This data package contains results for SVOC-SIMGroup1.

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

The samples were analyzed on instrument BNA\_N using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOC-SIMGroup1 was based on method 8270-Modified and extraction was done based on method 3510.

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

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for,  
TT149I1-20250918 [Terphenyl-d14 - 137%],  
RE132D1-20250918 [Terphenyl-d14 - 135%],  
EB03-20250918 [Terphenyl-d14 - 152%],  
RW9-MW01S-20250918 [Terphenyl-d14 - 136%],  
TT191D1-20250918 [2-Fluorobiphenyl - 107%, Terphenyl-d14 - 138%],  
RW9-MW01D3-20250918 [2-Fluorobiphenyl - 115%, Nitrobenzene-d5 - 114% and Terphenyl-d14 - 144%]. Failed surrogates are not associated with DOD, Therefore no further corrective action was taken.

The Internal Standards Areas were met for all analysis except for PB169794BSD, Failed internal standard is not associated with DOD, therefore no further corrective action was taken.

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.



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

The Continuous Calibration met the requirements.  
The Tuning criteria met requirements.

Samples RE132D2-20250918, RE132D4-20250918 and TT189D2-20250918 were diluted due to high concentrations.

**E. Additional Comments:**

The Sample RE10-MW01S-20250918 has the concentration of target compound below Method detection limit; therefore it is not reported as Hit in Form1.

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

**F. Manual Integration Comments:**

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

---

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\_\_\_\_\_