

# Xylene Sample Report

## SafeTech Vapor Monitors



800-442-3573  
972-436-1010  
Fax 972-436-1369  
www.statlab.com

### XYLENE PERSONAL MONITORING BADGE

**Badge: SXY 120**

**Report Date: 11/21/2012**



#### Results of Laboratory Analysis

**Actual TWA: 0.30 ppm**  
Time Weighted Average based on Actual time badge was worn

Reviewed by *J. Bousquet*  
Jessica Bousquet, Lab Director

Results are not corrected by "blank" samples.

#### Result

The reading from the monitor submitted is displayed here.

#### Employee

Employee information as listed on the paperwork submitted is included for context.

#### OSHA Benchmarks

OSHA limits for safe exposure are shown in this box.

#### Results to be mailed to:

**Supervisor:** Jeanie Schmit  
**Department:** Histology  
**Facility:** Fox Hospital  
**Address:** 88 South 5<sup>th</sup> Ave  
**City/St/Zip:** Albany, NY 13820

**Telephone:** 607-431-5807

#### Employee Information:

**Employee:** Jeanie Schmit  
**Job Title:** Histo Sup.  
**Work Area:** Histology  
**Protective Devices Worn:** Gloves, coat, goggles  
**Duties Performed During Monitoring:** Changed xylene & flush on processor

#### Exposure Information:

**Date of Exposure:** 11/8/2011  
**Start Time:** 8:40:00 AM **Stop Time:** 9:35:00 AM  
**Total Time Worn:** 0 hours, 55 minutes

This Laboratory Analysis Report was reviewed with me by my Supervisor on this date:

Employee Signature

Date

Condition of badge upon receipt: OK  
Date Received: 11/10/2011 Analysis Date: 11/20/2012

#### Monitoring Compliance Information

**OSHA: 100 ppm 8 hour TWA**  
Ref: 29 CFR 1910.1000 - "Air Contaminants Z-1 Table"  
**NIOSH: 100 ppm 8 hour TWA; 150 ppm 15 min STEL**

#### Monitoring Badge Performance Characteristics

**Method of Sample Collection:** Sample is collected by diffusion onto a Chemically Activated Solid Adsorbent  
**Method of Sample Analysis:** Gas Chromatography; NIOSH Method 1501m  
**Accuracy:** TWA : + or - 9.9% STEL : + or - 13.7%  
**Minimum Detectable:** 0.039 ppm for an 8 hour period; 1.3 ppm for a 15 minute STEL period

#### Employee Notification

Employers are required to notify employees of exposures to hazardous agents within 15 calendar days following the receipt of the monitoring results

#### Next Steps

- ✓ If results are **lower than the OSHA 100 ppm 8 hour TWA**, no action is needed.
- ✓ If results are **higher than the OSHA 100 ppm 8 hour TWA**, notify your employee within 15 days after receiving results, take steps to reduce vapors in your lab, and retest on an ongoing basis to ensure safe levels.