



Weston Solutions, Inc.  
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June 9, 2014

Mr. Steve Faryan  
On-Scene Coordinator  
U.S. Environmental Protection Agency, Region V  
77 West Jackson Boulevard  
Chicago, IL 60604

**Subject: Vogue Cleaners Site Assessment  
Wauwatosa, Milwaukee County, Wisconsin  
Technical Direction Document No.: S05-0001-1403-001  
Document Control No.: 2301-2A-BLWM**

Dear Mr. Faryan:

Under Technical Direction Document (TDD) No. S05-0001-1403-001, the U.S. Environmental Protection Agency tasked the Weston Solutions, Inc. (WESTON®), Superfund Technical Assessment and Response Team (START) to perform site assessment (SA) activities at the Vogue Cleaners Site in Wauwatosa, Milwaukee County, WI.

This letter report discusses the Site description and history, SA activities, analytical results, and threats to human health and the environment, and presents a summary and conclusions. The report has five attachments. **Attachment A** provides the figures for this letter report. **Attachment B** provides a photographic log of Site conditions. **Attachment C** provides the boring logs. **Attachment D** provides the tables for this letter report. **Attachment E** provides the laboratory analytical results and data validation report.

### **SITE DESCRIPTION AND HISTORY**

The Site is located at 2578 N Wauwatosa Avenue, Wauwatosa, Milwaukee County, WI (**Figure 1, Attachment A**) and contained a former dry cleaning facility. The Site's geographic coordinates are 43°03'57.83" North latitude and 88°00'25.82" West longitude. The Site, located in a mixed commercial and residential area, is bordered to the north by Clarke Street, a veterinary clinic, and residential properties; to the east by residential properties; to the south by residential properties; and to the west by N Wauwatosa Avenue and residential properties. The site contains a two-story building and paved parking lot (**Figure 2, Attachment A**). The Menomonee River is located approximately 1.3 miles south of the Site.

On January 30, 2014, Symbiont, a subcontractor to the City of Wauwatosa, conducted a Phase II Environmental Site Assessment (ESA) which consisted of advancing eight soil borings on the site property with the use of a Geoprobe® rig. The soil borings were advanced to a total depth of 6 to 15 feet below ground surface (bgs) and the depth to water ranged from 1 to 12 feet bgs. One groundwater and two soil samples were collected from each boring. Tetrachloroethylene (PCE) was detected in soil at concentrations ranging from 36.6 to 76,600 micrograms per kilogram (µg/kg) and in groundwater at concentrations ranging from 0.57 to 10,900 micrograms per liter (µg/L). PCE results in soil and



Mr. Steve Faryan  
EPA Region 5

-2-

Vogue Cleaners Site  
June 9, 2014

groundwater exceeded the applicable Wisconsin Administrative Code (WAC) NR 720 non-industrial residual contaminant levels (RCL). PCE breakdown products were also detected in soil and groundwater, including trichloroethylene (TCE); vinyl chloride; and cis-1,2-dichloroethene (DCE). Results for some of these compounds also exceeded applicable WAC NR 720 non-industrial RCLs. Symbiont surveyed the installed temporary monitoring wells and collected water level measurements. Groundwater was determined to flow to the south of the Site.

### **SITE ASSESSMENT ACTIVITIES**

EPA tasked WESTON START with conducting SA activities based on the analytical results from the Phase II ESA conducted on January 30, 2014. From April 21 through 25, 2014, EPA and WESTON START conducted the SA, which included the advancement of soil borings and the collection of groundwater and soil gas samples from those soil borings. **Attachment B** provides a photographic log of Site conditions during the SA activities. Soil boring advancement, groundwater sampling, and soil gas sampling are discussed in the following paragraphs.

#### **Soil Boring**

Ten soil borings were advanced at SB-1 through SB-10 to depths ranging from 7.5 to 15 feet bgs (**Figure 3, Attachment A**). Two soil borings were advanced at SB-2, a shallow boring (SB-2S) and a deep boring (SB-2D). No soil boring was completed at proposed location SB-8 due to a lack of clearance by utility companies in time for sampling to occur.

EPA field personnel installed the borings using a Geoprobe® drill rig. All locations were recorded using a global positioning system (GPS) unit. The field scientist classified the lithology of each boring and completed soil boring logs. See **Attachment C** for the boring logs.

Continuous soil core samples were collected from 3-foot intervals using the Geoprobe® drill rig. Representative soil from each 3-foot-long soil core was screened using a MultiRAE five-gas meter with a photoionization detector (PID) (for measuring organic vapors), a carbon monoxide sensor, a hydrogen sulfide sensor, a lower explosive limit meter, and an oxygen meter. Screening was done by breaking open a fresh portion of the soil and quickly placing the PID probe adjacent to the opening, creating an enclosure with a nitrile-gloved hand for vapor accumulation. PID readings were recorded on the soil boring log.

All reusable sampling equipment that contacted soil was decontaminated between each sampling location in accordance with the site-specific Field Sampling Plan (FSP). Disposable equipment was used when available and disposed in accordance with the FSP.

#### **Groundwater Sampling**

Grab groundwater samples were collected from two soil boring locations: SB-2D and SB-7 [samples VC-SB2-GW(12-14)-042214 and VC-SB7-GW(4-5)-042414]. EPA personnel used 2.25-inch-diameter Geoprobe® rods to install a temporary piezometer at each location. The piezometer consisted of a 1.5-



Mr. Steve Faryan  
EPA Region 5

-3-

Vogue Cleaners Site  
June 9, 2014

inch-inside-diameter, 3-foot-long, Schedule 40 polyvinyl chloride (PVC) 0.010 slot screen and PVC riser that was decontaminated between each soil boring location. Well screens were installed to straddle the groundwater table at depths ranging from 4 to 14 feet bgs.

Each location was sampled using either a peristaltic pump or a bailer following the sampling protocol detailed in the FSP. Temporary wells were not purged, nor were field parameters recorded. The groundwater samples were collected in laboratory-provided containers and submitted to STAT Analysis Corporation (STAT) in Chicago, IL, for volatile organic compound (VOC) analysis.

All sampling equipment that contacted the groundwater was either disposed or decontaminated between each monitoring well in accordance with the site-specific FSP.

### Soil Gas Sampling

Ten soil gas samples were collected, one from each of the boring locations. Each soil gas sample was collected using the following procedures:

1. The tip of the soil gas probe was placed approximately 1 foot above the water table and within a sand pack extending 6 to 24 inches above and below the sampling interval.
2. The borehole was grouted to the surface with hydrated bentonite to ensure adequate sealing of the soil gas sampling probe and to minimize the exchange of atmospheric air.
3. The soil gas sampling location was allowed to equilibrate for a minimum of 24 hours. Soil gas sampling probes were not purged before sample collection.
4. Each soil gas sample was collected for 10 minutes using a 1-liter SUMMA canister and submitted to STAT in Chicago, IL, for VOC analysis.

Table 1 in Attachment D provides a sampling summary.

### ANALYTICAL RESULTS

During the additional SA activities, WESTON START collected two groundwater samples and 10 soil gas samples. Appendix E provides the laboratory analytical reports and the data validation reports for the samples. The results for each medium sampled are summarized as follows.

#### Grab Groundwater Sampling Analytical Results

The groundwater sampling results were compared to the following screening criteria:

- EPA Maximum Contaminant Levels (MCL) and EPA Regional Removal Management Levels (RML) – Tap water Hazard Quotient (HQ) 3.

Table 2 in Attachment D summarizes the groundwater sample results. Figure 4 in Attachment A presents the groundwater sample analytical results map. The following VOCs exceed the screening



Mr. Steve Faryan  
EPA Region 5

-4-

Vogue Cleaners Site  
June 9, 2014

criteria in sample VC-SB2-GW(12-14)-042214 collected from soil boring/temporary monitoring well location SB-2D:

- PCE at 1.1 milligrams per liter (mg/L) exceeded the EPA MCL and the EPA HQ3 RML for Tap Water.
- TCE at 0.0059 mg/L exceeded the EPA MCL.

### Soil Gas Sampling Analytical Results

The soil gas sampling results were compared to EPA Vapor Intrusion Screening Level (VISL), Version 3.2, November 2013, Exterior Soil Gas Concentrations at Target Cancer Risk (TCR)  $10^{-4}$ , Target Non-Cancer Risk (TNCR) HQ3 (*except TCE*), and TNCR HQ1 for TCE.

**Table 3** in **Attachment D** summarizes the soil gas sample results. **Figure 5** in **Attachment A** presents the soil gas sample analytical results that exceeded screening criteria. The following soil gas sample laboratory analytical results exceeded the EPA VISL screening criteria:

- Sample VC-SB1-SG(6.5-7)-042314, collected from soil boring/temporary monitoring well location SB-1:
  - Chloroform at 0.11 milligrams per cubic meter ( $\text{mg}/\text{m}^3$ ).
  - PCE at  $2.8 \text{ mg}/\text{m}^3$ .
  - TCE at  $0.38 \text{ mg}/\text{m}^3$ .
- Sample VC-SB2-SG(4-4.5)-042314, collected from soil boring/temporary monitoring well location SB-2S:
  - PCE at  $1,400 \text{ mg}/\text{m}^3$ .
  - TCE at  $0.086 \text{ mg}/\text{m}^3$ .
- Sample VC-SB3-SG(6.5-7)-042314, collected from soil boring/temporary monitoring well location SB-3:
  - PCE at  $2 \text{ mg}/\text{m}^3$ .
  - TCE at  $0.039 \text{ mg}/\text{m}^3$ .
- Sample VC-SB5-SG(5-6)-042414, collected from soil boring/temporary monitoring well location SB-5:
  - Chloroform at  $0.12 \text{ mg}/\text{m}^3$ .



Mr. Steve Faryan  
EPA Region 5

-5-

Vogue Cleaners Site  
June 9, 2014

## **THREATS TO HUMAN HEALTH AND THE ENVIRONMENT**

Factors to be considered in determining the appropriateness of a potential removal action at a Site are delineated in the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) at 40 Code of Federal Regulations (CFR) 300.415(b)(2). A summary of the factors applicable to this Site are presented as follows.

- **Actual or potential exposure of nearby human populations, animals, or the food chain to hazardous substances, pollutants, or contaminants.**

The Site is bordered to the north by Clarke Street, a veterinary clinic, and residential properties; to the east by residential properties; to the south by residential properties; and to the west by N Wauwatosa Avenue and residential properties. The Menomonee River is located approximately 1.3 miles south of the Site.

Based on the SA grab groundwater sample analytical results, TCE concentrations exceeded the EPA MCL; and PCE concentrations exceeded the EPA MCL and RML for tap water (HQ 3).

Based on the SA soil gas sample analytical results, TCE, PCE, and chloroform concentrations exceeded the EPA VISL for Exterior Soil Gas Concentrations at TCR  $10^{-4}$ , TNCR HQ3 (*except TCE*), and TNCR HQ1 for TCE.

Based on the SA analytical results, the concentrations of Site-related contaminants in groundwater and soil gas may pose a risk to public health. Additional site assessment is necessary, including the sampling of residential structures, to determine scope and extent of off-site contaminants and the potential for threats to the public health or welfare of the United States or the environment.

- **High levels of hazardous substances, pollutants, or contaminants in groundwater largely at or near the surface that may migrate.**

Based on the SA groundwater and soil gas analytical results, it is evident that TCE and PCE contamination in groundwater is migrating into soil gas. Therefore, there is a potential that these contaminants could further migrate into nearby residential homes and present a hazard to human health.

- **The availability of other appropriate federal or state response mechanisms to respond to the release.**

The City of Wauwatosa requested EPA assistance in performing a removal assessment, which documents the need for federal involvement to address the potential for imminent and substantial threats to the public health or welfare of the United States or the environment posed by the Site.



Mr. Steve Faryan  
EPA Region 5

-6-

Vogue Cleaners Site  
June 9, 2014

- **Weather conditions that may cause hazardous substances, pollutants, or contaminants to migrate or be released.**

Wauwatosa receives an average yearly precipitation of 34.81 inches. Average temperatures range from 13 to 81 degrees Fahrenheit (°F). The Site surface is relatively flat, and the surface cover at the Site mainly consists of concrete.

As previously noted, SA analytical results indicate groundwater and soil gas contamination at the Site. Weather conditions, including precipitation, could increase the risk of migration of hazardous substances or pollutants from the Site.

### **SUMMARY AND CONCLUSIONS**

From April 21 through 25, 2014, WESTON START conducted an SA at the Site under the direction of EPA On-Scene Coordinator Steve Faryan. During the SA, WESTON START collected two groundwater samples and 10 soil gas samples. All samples were analyzed for VOCs.

The groundwater samples contained TCE at concentrations exceeding the EPA MCL, and PCE at concentrations exceeding the EPA MCL and RML for tap water (HQ 3). The soil gas samples contained TCE, PCE, and chloroform at concentrations exceeding applicable EPA VISL screening criteria.

Based on SA analytical results, the concentrations of Site-related contaminants in groundwater and soil gas may pose a risk to the public health or welfare of the United States or the environment. Additional sampling is recommended, including the sampling of residential structures, to determine the scope and extent of off-site contamination and the potential for threats to the public health or welfare of the United States or the environment.

If you have any questions or require additional information, please contact me at (312) 424-3339.

Very truly yours,  
Weston Solutions, INC.

Lisa Graczyk  
WESTON START Project Manager

#### Attachments:

- A – Figures
- B – Photographic Log
- C – Soil Boring Logs
- D – Tables
- E – Laboratory Analytical Results and Data Validation Report

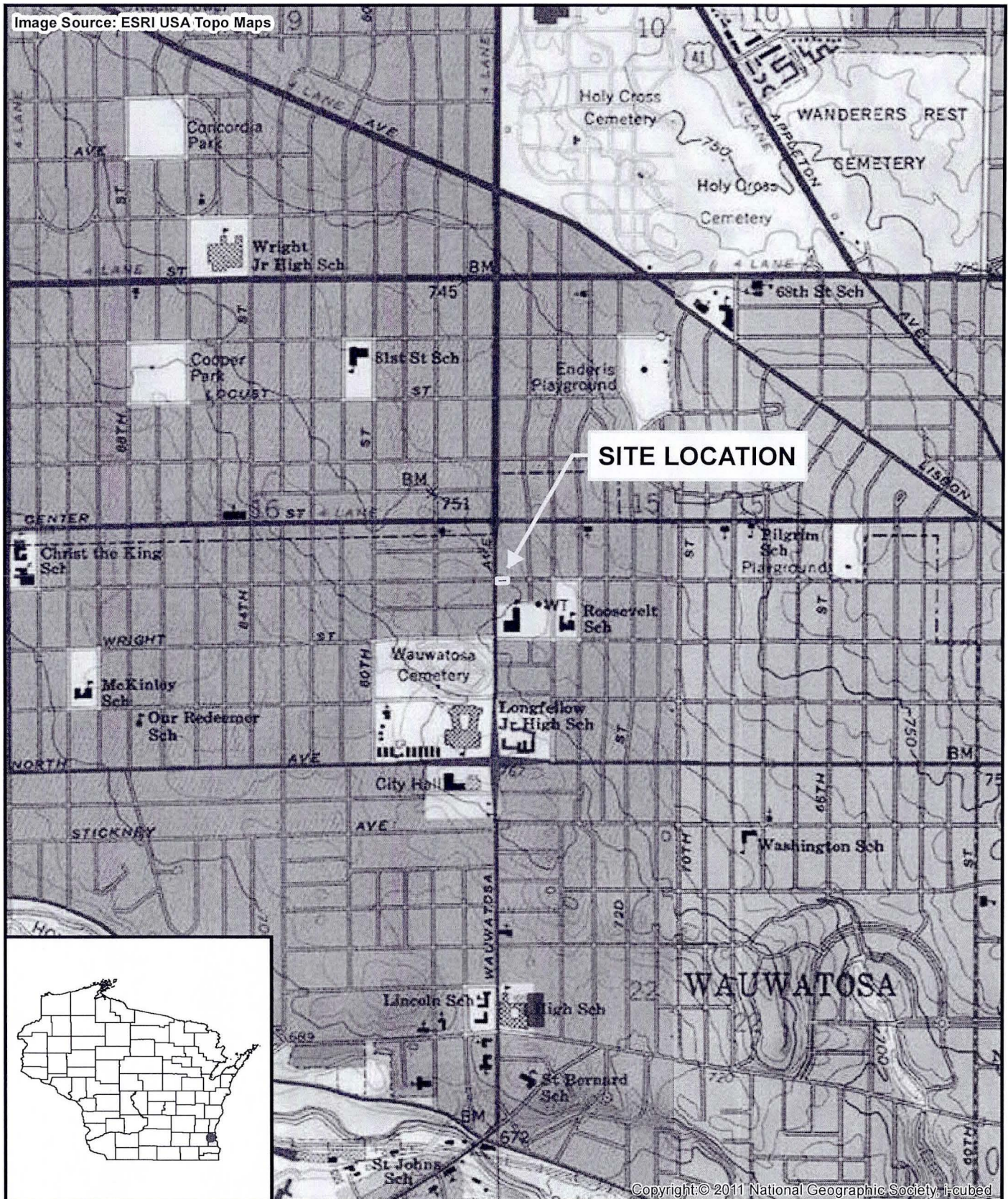
cc: WESTON START DCN File

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**ATTACHMENT A**  
**FIGURES**

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Image Source: ESRI USA Topo Maps



SITE LOCATION

File: D:\Vogue\_Cleaners\mxd\SARF1\_Site\_Location.mxd, 5/13/2014 11:19:04 AM, wojdakon

Legend



Prepared for:  
**U.S. EPA REGION V**

Contract No.: EP-S5-06-04  
TDD: S05-0001-1403-001  
DCN: 2301-2A-BLWM



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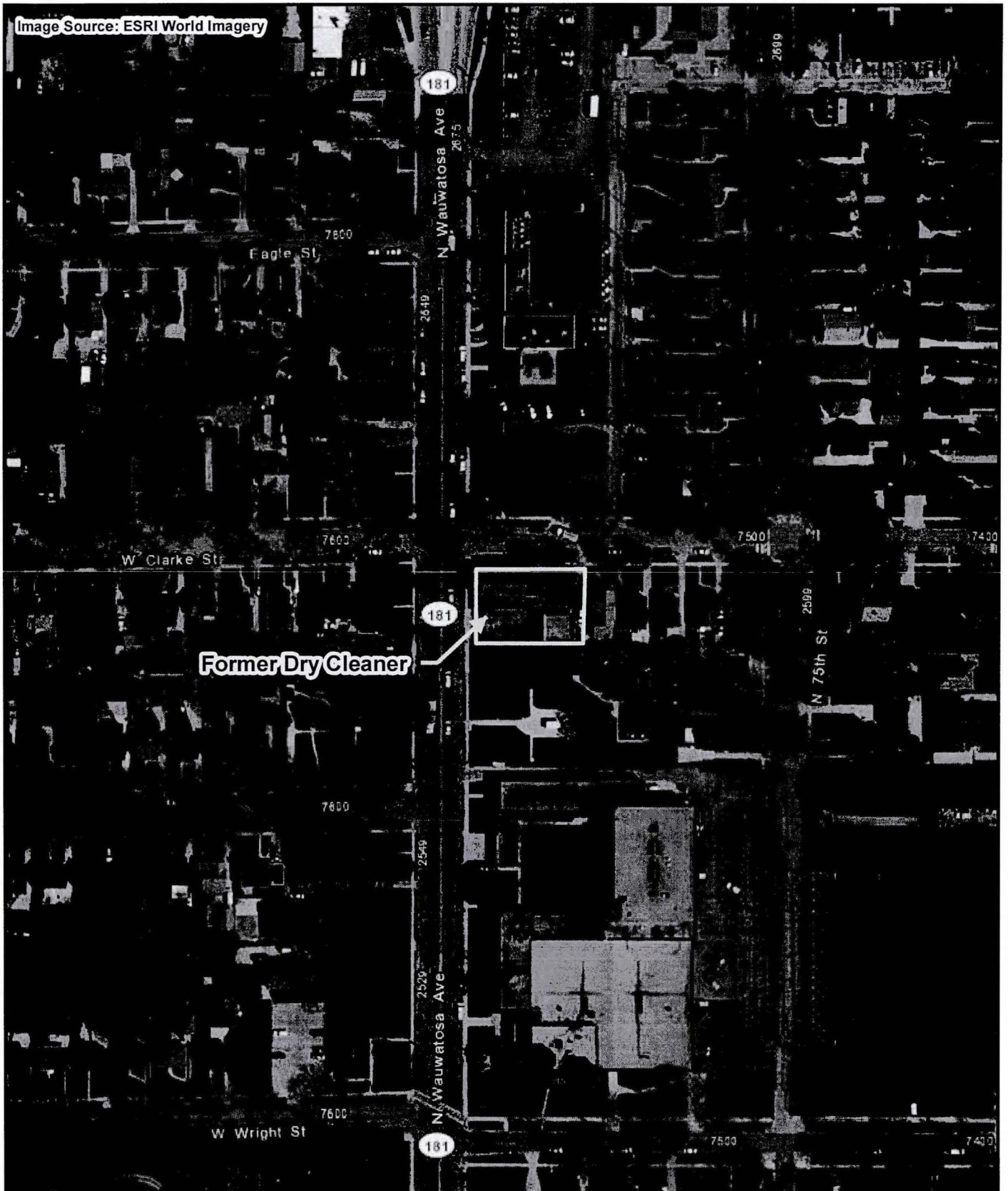
Figure 1

Site Location Map  
Vogue Cleaners  
Wauwatosa, Milwaukee County,  
Wisconsin

Copyright © 2011 National Geographic Society, i-cubed



Image Source: ESRI World Imagery



**Former Dry Cleaner**

FILE: D:\Vogue\_Cleaners\mxd\SAR\F2\_Site\_Layout.mxd 5/13/2014 11:21:19 AM wojdakon

**Legend**

□ Site Boundary

0 200  
Feet



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**U.S. EPA REGION V**

Contract No.: EP-S5-06-04  
TDD: S05-0001-1403-001  
DCN: 2301-2A-BLWM

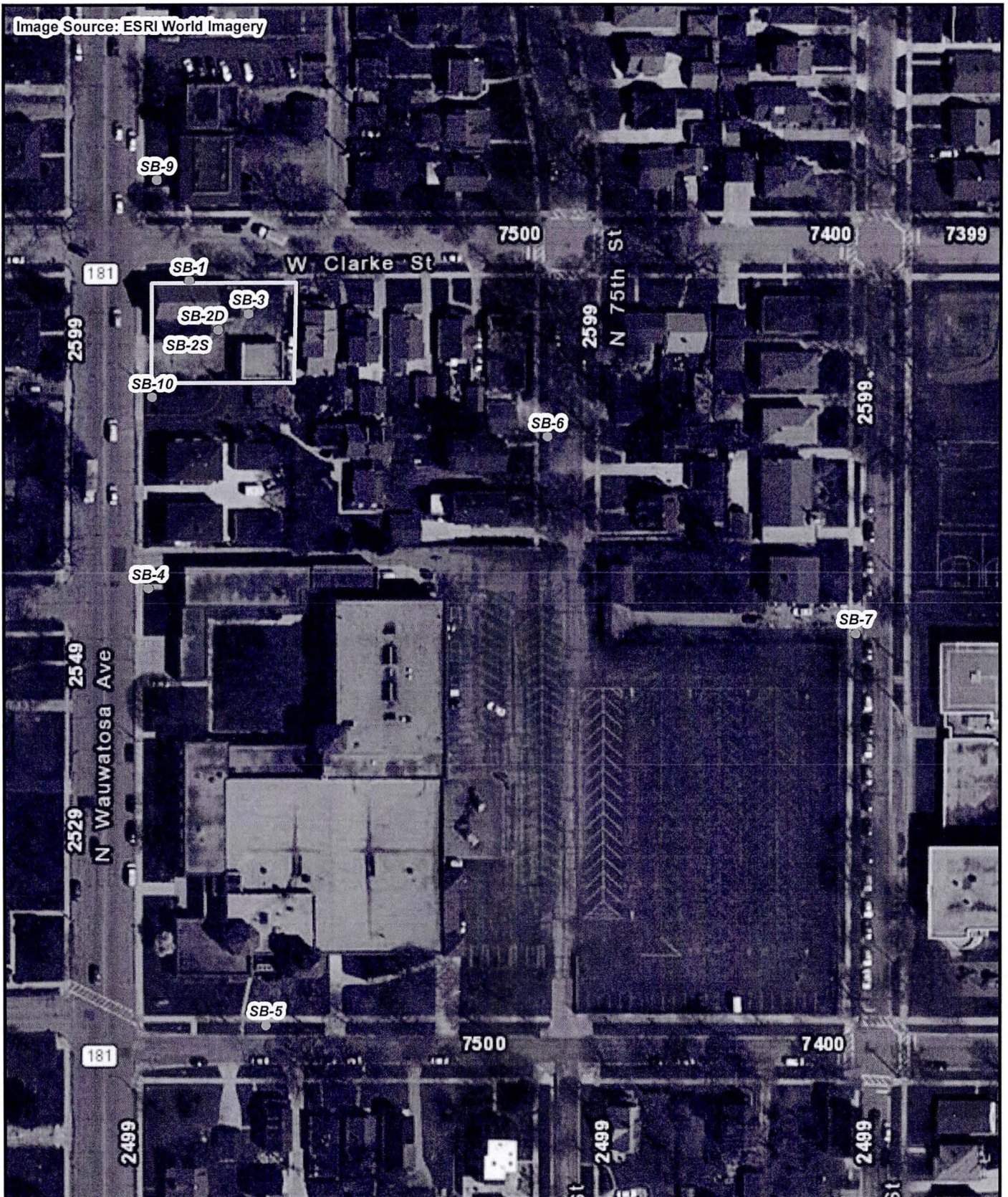


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**Figure 2**  
Site Layout Map  
Vogue Cleaners  
Wauwatosa, Milwaukee County,  
Wisconsin

Image Source: ESRI World Imagery



FILE: D:\Vogue\_Cleaners\mxd\SAR\F3\_Sampling\_Locations.mxd 6/2/2014 7:50:27 PM wojdakon

**Legend**

- Sampling Locations
  - Site Boundary
- 0 150 Feet



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**Figure 3**  
Sampling Location Map  
Vogue Cleaners  
Wauwatosa, Milwaukee County,  
Wisconsin

FILE: D:\Vogue\_Cleaners\mxd\GAR\F\_L\_GW\_Exceeds.mxd 8/4/2014 10:07:09 AM vjaldon



**Legend**

- Locations with at least one exceedance
- Locations with no exceedances

Site Boundary

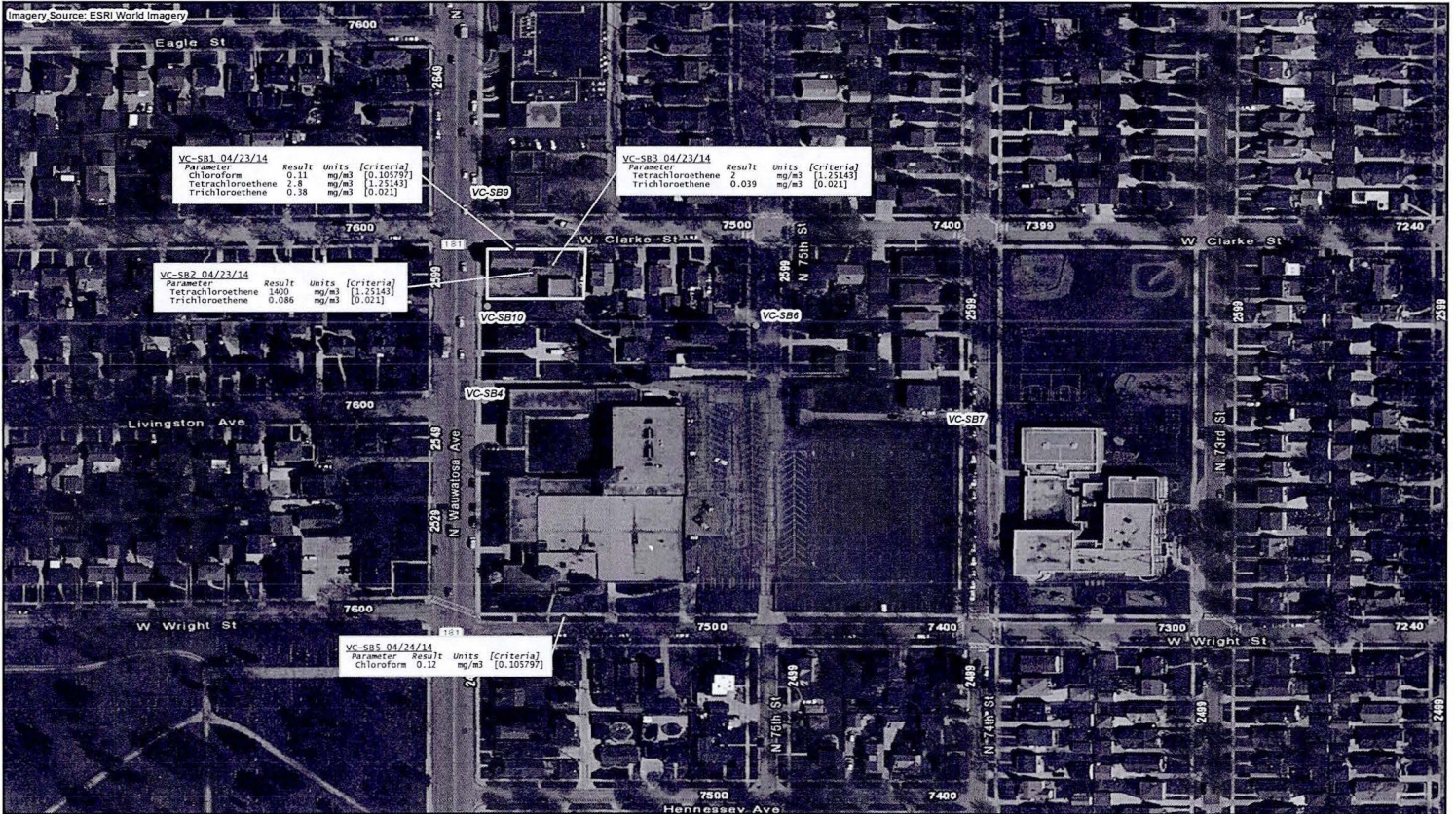
0 100 Feet

N



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US EPA Region V  
Contract No.: EP-S5-06-04  
TDD: S05-0001-1403-001  
DCN: 2301-2A-BLWM

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**Figure 4**  
Groundwater Sample Analytical Results Map  
Vogue Cleaners  
Wauwatosa, Milwaukee County, Wisconsin



FILE: D:\Vogue\_Cleaners\mvg\GARS\5\_SG\_Excceed.mxd 6/2/2014 2:46:38 PM wjls@stn

<p><b>Legend</b></p> <ul style="list-style-type: none"> <li>● Locations with at least one exceedance</li> <li>○ Locations with no detections</li> </ul> <p>Site Boundary</p> <p>0 150 Feet</p>	 <p>Prepared For: US EPA Region V Contract No. EP-S5-06-04 TDD: S05-0001-1403-001 DCN: 2301-2A-BLWM</p>	 <p>Prepared By: WESTON SOLUTIONS, INC. 750 E. Bunker Court Suite 500 Vernon Hills, Illinois 60061</p>	<p><b>Figure 5</b> Soil Gas Sample Analytical Results Map Vogue Cleaners Wauwatosa, Milwaukee County, Wisconsin</p>
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**ATTACHMENT B**  
**PHOTOGRAPHIC LOG**

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**Site:** Vogue Cleaners Site Assessment

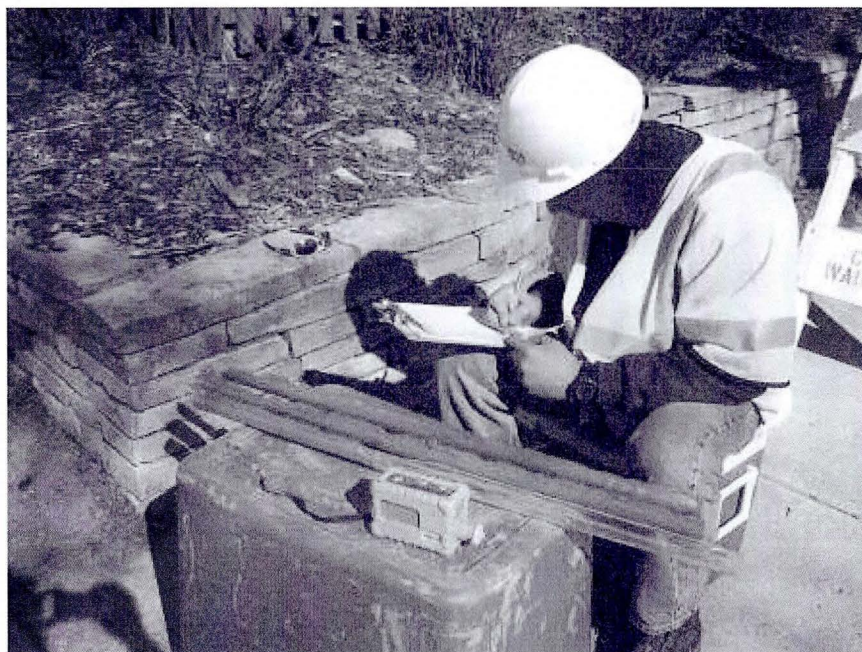
**Photograph No.:** 1

**Direction:** N/A

**Subject:** Geoprobe operator installing soil vapor screen at SB-1

**Date:** 4/22/14

**Photographer:** Brennan Johnson



**Site:** Vogue Cleaners Site Assessment

**Photograph No.:** 2

**Direction:** Northwest

**Subject:** WESTON START logging geophysical properties of soil core

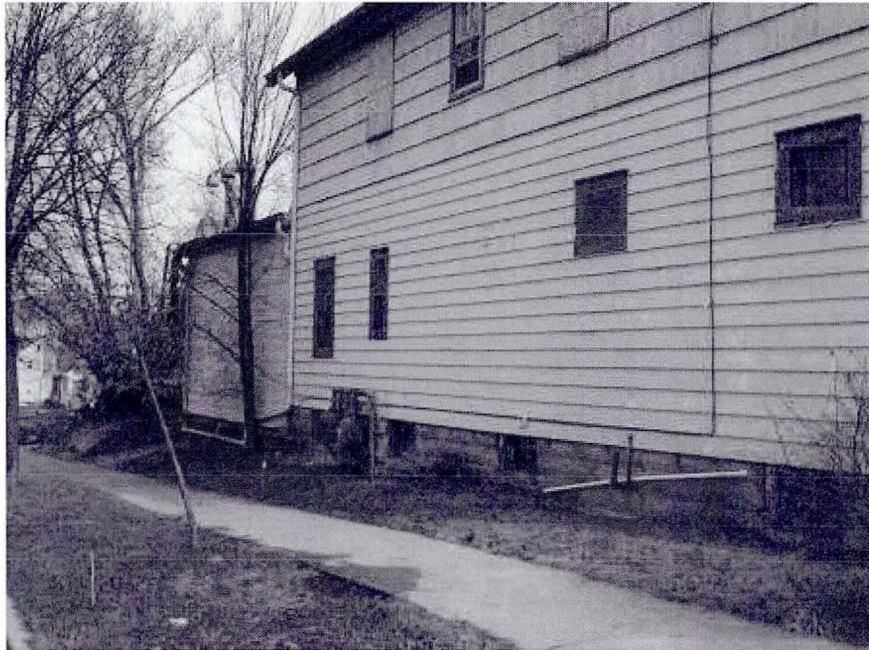
**Date:** 4/23/14

**Photographer:** Brennan Johnson



**Site:** Vogue Cleaners Site Assessment  
**Photograph No.:** 3  
**Direction:** North  
**Subject:** Front of Vogue Cleaners building

**Date:** 4/23/14  
**Photographer:** Tim Papan



**Site:** Vogue Cleaners Site Assessment  
**Photograph No.:** 4  
**Direction:** Southeast  
**Subject:** Rear of Vogue Cleaners building

**Date:** 4/23/14  
**Photographer:** Tim Papan



**Site:** Vogue Cleaners Site Assessment

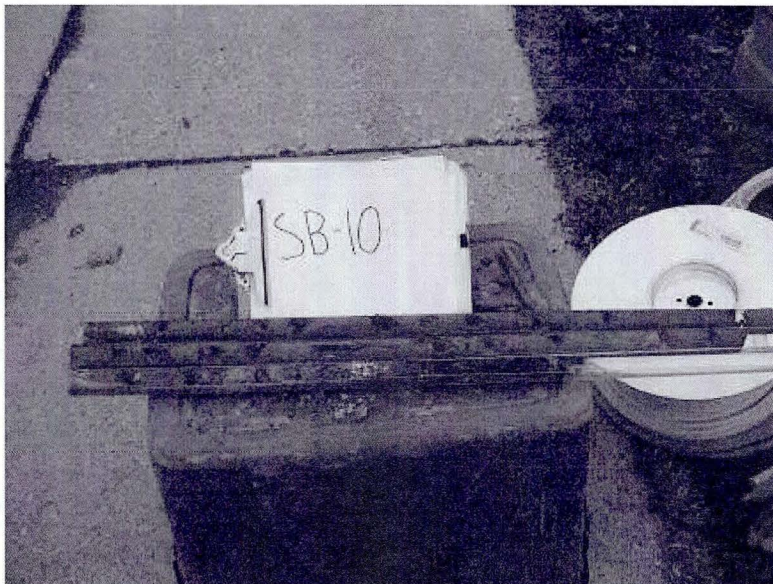
**Photograph No.:** 5

**Direction:** South

**Subject:** Geoprobe operator drilling soil borings

**Date:** 4/23/14

**Photographer:** Brennan Johnson



**Site:** Vogue Cleaners Site Assessment

**Photograph No.:** 6

**Direction:** N/A

**Subject:** Soil core from SB-10

**Date:** 4/24/14

**Photographer:** Tim Papan





**Site:** Vogue Cleaners Site Assessment

**Photograph No.:** 7

**Date:** 4/25/14

**Direction:** Southeast

**Photographer:** Tim Papan

**Subject:** WESTON START collecting GPS data for soil boring locations



**Site:** Vogue Cleaners Site Assessment

**Photograph No.:** 8

**Date:** 4/25/14

**Direction:** North

**Photographer:** Brennan Johnson

**Subject:** WESTON START re-seeding soil boring hole

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**ATTACHMENT C  
SOIL BORING LOGS**

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<b>SOIL BORING LOG</b>	CLIENT:	PROJECT:	LOCATION:	SAMPLE STATION
	U.S. EPA	Vogue Cleaners Site Assessment	Wauwatosa, WI	ID: SB1A

DEPT H (ft)	LITHOLOGIC DESCRIPTION	SAMPLE ID	SAMPLE TIME	RECOVERY	PID Screening
3ft	Clay - brown, soft consistency, moist, trace coarse-grained sand, high plasticity, no odor, no staining		1740	75%	
6ft	Clay - brown, soft-medium consistency, moist, little coarse-grained sand, high plasticity, no odor, no staining			100%	
8ft	Clay - Brown, stiff consistency, moist, trace coarse-grained <del>and</del> angular poorly sorted sand, high plasticity, no odor, no staining			100%	
9ft	Clay - Brown, very stiff consistency, moist, trace fine-grained poorly sorted sub-rounded gravel, high plasticity, no odor, no staining			100%	

Describe the following: soil type, grain size, color, consistency, odor, presence of debris/biological activity

<b>EXPLANATION</b>	End of boring at 9ft bgs due to refusal	DATE	PAGE
		4-23-14	1 of
		DRILLING METHOD: Geoprobe	
		DRILLED BY: J. Ursic (EPA FIELDS)	
		LOGGED BY: D. Sena (WESTON)	



SOIL BORING LOG		CLIENT: U.S. EPA	PROJECT: Vogue Cleaners Site Assessment	LOCATION: Wauwatosa, WI	SAMPLE STATION ID: SB-2
DEPT H (ft)	LITHOLOGIC DESCRIPTION	SAMPLE ID	SAMPLE TIME	RECOVERY	PID Screening
3ft	Silty Gravel - <del>grey</del> brownish grey, very stiff, dry, poorly graded, angular gravel, loose density, no odor, no staining		0815	50%	
6ft	<del>Moist</del> Sandy Clay - brown, very stiff, moist, with some coarse gravel, medium plasticity, no odor, no staining,	3-4ft readings of 2.5 ppm VOC's 5-6ft = 6ppm VOC's		50%	
9ft	Clay - Brown, stiff consistency, moist, <del>trace</del> trace fine-grained angular gravel, medium plasticity, no odor, no staining			100%	
14ft	Water was found at 12ft. There are no borings for 9-14ft.				

Describe the following: soil type, grain size, color, consistency, odor, presence of debris/biological activity	
EXPLANATION	End of boring at 14ft bgs due to refusal.
	DATE: 4/22/14
	PAGE: 1 of 1
	DRILLING METHOD: Geoprobe
	DRILLED BY: J. Ursic (EPA FIELDS)
	LOGGED BY: D. S. (WESTON)



SOIL BORING LOG		CLIENT: U.S. EPA	PROJECT: Vogue Cleaners Site Assessment	LOCATION: Wauwatosa, WI	SAMPLE STATION ID: SB-3	
DEPT H (ft)	LITHOLOGIC DESCRIPTION	SAMPLE ID	SAMPLE TIME	RECOVERY	PID Screening	
5' ↓	Silty Gravel-Brownish grey, dry, poorly graded, angular gravel, loose density, no odor, no stains, part of parking lot.		1100			
	Clay-brown grey, stiff consistency, dry			50%		
3 ft	Some coarse-grained angular sand, medium plasticity, no odor, no staining					
	Clay-brown transitions to some grey, stiff consistency, moist, some fine-grained <del>gravel</del> poorly sorted gravel, medium plasticity, no odor, no staining			60%		
6'	Clay-brown, very stiff consistency, moist, little fine-grained sand, medium plasticity, no odor, no staining			100%		
7.5'						
Describe the following: soil type, grain size, color, consistency, odor, presence of debris/biological activity						
EXPLANATION	End of boring at 7.5' ft bgs due to refusal		DATE	PAGE		
			4-22-14	1 of		
			DRILLING METHOD: Geoprobe			
			DRILLED BY: J. Ursic (EPA FIELDS)			
LOGGED BY: D. Sena (WESTON)						



<b>SOIL BORING LOG</b>	CLIENT:	PROJECT:	LOCATION:	SAMPLE STATION
	U.S. EPA	Vogue Cleaners Site Assessment	Wauwatosa, WI	ID: SB9A

DEPT H (ft)	LITHOLOGIC DESCRIPTION	SAMPLE ID	SAMPLE TIME	RECOVERY	PID Screening
3ft	Clay-Brown, very soft consistency, dry, some fine-grained sand, non-plastic, no odor, no staining		1100	15%	
6ft	Clay-Brown, stiff consistency, moist, some coarse-grained <del>low</del> poorly sorted sub-angular sand, low plasticity, no odor, no staining			66%	
9ft	Clay-Brown, stiff consistency, moist, some medium-course poorly sorted sand, low-medium plasticity, no odor, no staining			100%	
12ft	Clay-Grey, medium consistency, moist, trace fine-grained poorly sorted, sub-rounded gravel, low plasticity, no odor, no staining			100%	
15ft	<del>Clay</del> Same as above			100%	

Describe the following: soil type, grain size, color, consistency, odor, presence of debris/biological activity

<b>EXPLANATION</b>	End of boring at 15ft bgs due to refusal	DATE	PAGE
		4-23-14	1 of
		DRILLING METHOD: Geoprobe	
		DRILLED BY: J. Ursic (EPA FIELDS)	
LOGGED BY: D. Sena (WESTON)			



<b>SOIL BORING LOG</b>	CLIENT:	PROJECT:	LOCATION:	SAMPLE STATION
	U.S. EPA	Vogue Cleaners Site Assessment	Wauwatosa, WI	ID: SB5

DEPT H (ft)	LITHOLOGIC DESCRIPTION	SAMPLE ID	SAMPLE TIME	RECOVERY	PID Screening
3ft	Silty Clay- light brown, stiff consistency, moist, some fine-grained sand, medium-low plasticity, trace roots throughout, no odor; no staining		0730	50%	
6ft	Clay - orange brown transitions grey with depth, very stiff consistency, moist, no odor; no staining			66%	
9ft	Clay - brown grey, very stiff consistency, moist, little fine-grained poorly sorted sub-rounded gravel, high plasticity, no odor, no staining			100%	
12ft	Clay - brown grey, very stiff consistency, moist, little fine-grained poorly sorted sub-rounded gravel, high plasticity, no odor, no staining			100%	

Describe the following: soil type, grain size, color, consistency, odor, presence of debris/biological activity

<b>EXPLANATION</b>	End of boring at 12ft bgs due to refusal	DATE	PAGE
		4-23-14	1 of
		DRILLING METHOD: Geoprobe	
		DRILLED BY: J. Ursic (EPA FIELDS)	
		LOGGED BY: D. Sena (WESTON)	



SOIL BORING LOG		CLIENT: U.S. EPA	PROJECT: Vogue Cleaners Site Assessment	LOCATION: Wauwatosa, WI	SAMPLE STATION ID: 5B6	
DEPT H (ft)	LITHOLOGIC DESCRIPTION	SAMPLE ID	SAMPLE TIME	RECOVERY	PID Screening	
3ft	Clay-brown, medium consistency, moist, little coarse-grained poorly sorted sub-angular sand, low plasticity, no odor, no staining		0900	70%		
6ft	Clay-brown, medium consistency, moist, little fine-grained poorly sorted sub-angular gravel, low plasticity, no odor, no staining			100%		
9ft	Same as above			100%		
10ft	Clay-brown, medium consistency, moist, and coarse-grained poorly sorted angular sand, low plasticity no odor, no staining			80%		
Describe the following: soil type, grain size, color, consistency, odor, presence of debris/biological activity						
EXPLANATION	End of boring at 10ft bgs due to refusal		DATE	PAGE		
			09/24/14	1 of		
			DRILLING METHOD: Geoprobe			
			DRILLED BY: J. Ursic (EPA FIELDS)			
		LOGGED BY: D. Sena (WESTON)				





<b>SOIL BORING LOG</b>	CLIENT:	PROJECT:	LOCATION:	SAMPLE STATION
	U.S. EPA	Vogue Cleaners Site Assessment	Wauwatosa, WI	ID: SB7

DEPTH H (ft)	LITHOLOGIC DESCRIPTION	SAMPLE ID	SAMPLE TIME	RECOVERY	PID Screening
3ft	Clay-brown, medium consistency, moist, little coarse-grained poorly sorted angular sand, medium plasticity, no odor, no staining		0900	30%	
6ft	Clay-brown, medium-stiff consistency, moist, trace medium-grained poorly sorted sub angular sand, medium plasticity, no odor, no staining,			90%	
9ft	Clay-Grey, medium-stiff consistency, moist, trace coarse-grained poorly sorted sub rounded sand, medium plasticity, no odor, no staining			100%	
12ft	Clay-Grey, medium-stiff consistency, moist, trace fine-grained poorly sorted sub-rounded gravel, medium plasticity, no odor, no staining			100%	

Describe the following: soil type, grain size, color, consistency, odor, presence of debris/biological activity

<b>EXPLANATION</b>	End of boring at 12ft bgs due to refusal	DATE	PAGE
		4-24-14	1 of
		DRILLING METHOD: Geoprobe	
		DRILLED BY: J. Ursic (EPA FIELDS)	
LOGGED BY: D. Sena (WESTON)			



SOIL BORING LOG		CLIENT: U.S. EPA	PROJECT: Vogue Cleaners Site Assessment	LOCATION: Wauwatosa, WI	SAMPLE STATION ID: SB9
DEPT H (ft)	LITHOLOGIC DESCRIPTION	SAMPLE ID	SAMPLE TIME	RECOVERY	PID Screening
3ft	Clay-brown, soft consistency, dry, Some fine-grained sand, non-plastic, no odor, no staining		13:00	40%	
6ft	Clay-brown, very stiff consistency, dry, trace fine-grained sand, non- plastic, no odor, no staining			50%	
9ft	Clay-light brown, stiff consistency, moist, trace coarse-grained poorly sorted angular sand, medium plasticity, no odor, no staining			95%	
12ft	Clay-light brown, medium consistency, moist, trace coarse-grained poorly sorted angular sand, low plasticity, no odor, no staining,			100%	
14.5ft	Clay-light brown, stiff consistency, moist, trace fine-grained poorly sorted sub-angular gravel, low plasticity, no odor, no staining			100%	

Describe the following: soil type, grain size, color, consistency, odor, presence of debris/biological activity

EXPLANATION	<del>13ft</del> End of boring at 14.5ft bgs due to refusal	DATE	PAGE
		4-23-14	1 of
		DRILLING METHOD: Geoprobe	
		DRILLED BY: J. Ursic (EPA FIELDS)	
LOGGED BY: D. Sena (WESTON)			



SOIL BORING LOG		CLIENT: U.S. EPA	PROJECT: Vogue Cleaners Site Assessment	LOCATION: Wauwatosa, WI	SAMPLE STATION ID: SB10	
DEPT H (ft)	LITHOLOGIC DESCRIPTION	SAMPLE ID	SAMPLE TIME	RECOVERY	PID Screening	
3ft	Clay-grey brown, medium-very stiff consistency, moist, trace fine-grained sand, non-plastic, no odor, no staining		14:45	70%		
6ft	Clay-Brown with some grey, stiff-very stiff consistency, moist, trace coarse-grained poorly sorted angular sand, low plasticity, no odor, no staining			100%		
8.5	Clay-Brown, stiff-very stiff consistency, moist, trace coarse-grained poorly sorted angular sand, low plasticity, no odor, no staining			100%		
Describe the following: soil type, grain size, color, consistency, odor, presence of debris/biological activity						
EXPLANATION	End of boring at 8.5ft bgs due to refusal		DATE 4-24-14	PAGE 1 of		
			DRILLING METHOD: Geoprobe			
			DRILLED BY: J. Ursic (EPA FIELDS)			
			LOGGED BY: D. Sena (WESTON)			

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**ATTACHMENT D**  
**TABLES**

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**Table 1**  
**Sampling Summary**  
**Vogue Cleaners SA**  
**Wauwatosa, Milwaukee County, WI**

Location ID	Address	Groundwater		Soil Gas	
		Number	ID	Number	ID
SB-01	North side of Vogue Cleaners property			1	SB1-SG (6.5-7)
SB-02-D	Parking lot of Vogue Cleaners	1	SB2-GW	1	SB2-SG (10-10.5)
SB-02-S	Parking lot of Vogue Cleaners			1	SB2-SG (4-4.5)
SB-03	Parking lot of Vogue Cleaners			1	SB3-SG (6.5-7)
SB-04	East side of North Wauwatosa Avenue across from Livingston Avenue intersection			1	SB4-SG (6.5-7.5)
SB-05	West Wright Street just east of North Wauwatosa Avenue			1	SB5-SG (5-6)
SB-06	North 75th Street, just south of West Clarke Street			1	SB6-SG (6.5-7.5)
SB-07	North 74th Street across from Roosevelt Elementary School playground	1	SB7-GW	1	SB7-SG (4-5)
SB-09	NE Corner of North Wauwatosa Avenue and West Clarke Street in front of veterinary clinic			1	SB9-SG (6.5-7.5)
SB-10	North Wauwatosa Avenue on southern border of Site			1	SB10 (2-4)
<b>Total:</b>		<b>2</b>			<b>10</b>

Notes:

ID - Identification

**Table 2**  
**Groundwater Sampling Analytical Results**  
**Vogue Cleaners SA**  
**Wauwatosa, Milwaukee County, WI**

Chemical Name	Unit	Location ID		VC-SB2	VC-SB7
		Field Sample ID		VC-SB2-GW(12-14)-042214	VC-SB7-GW (4-5)-042414
		Sample Date		4/22/2014	4/24/2014
		EPA MCL <sup>1</sup>	EPA RML-TW (HQ3) <sup>2</sup>		
1,1,1-Trichloroethane	mg/L	0.2	22	0.0050 U	0.0050 U
1,1,2,2-Tetrachloroethane	mg/L	NL	0.0066	0.0050 U	0.0050 U
1,1,2-Trichloroethane	mg/L	0.005	0.0012	0.0050 U	0.0050 U
1,1-Dichloroethane	mg/L	NL	0.24	0.0050 U	0.0050 U
1,1-Dichloroethene	mg/L	0.007	0.78	0.0050 U	0.0050 U
1,2-Dichloroethane	mg/L	0.005	0.015	0.0050 U	0.0050 U
1,2-Dichloropropane	mg/L	0.005	0.025	0.0050 U	0.0050 U
2-Butanone	mg/L	NL	15	0.020 U	0.020 U
2-Hexanone	mg/L	NL	0.1	0.020 U	0.020 U
4-Methyl-2-pentanone	mg/L	NL	3	0.020 U	0.020 U
Acetone	mg/L	NL	35	0.020 U	0.020 U
Benzene	mg/L	0.005	0.039	0.0050 U	0.0050 U
Bromodichloromethane	mg/L	NL	0.012	0.0050 U	0.0050 U
Bromoform	mg/L	NL	0.79	0.0050 U	0.0050 U
Bromomethane	mg/L	NL	0.021	0.010 U	0.010 U
Carbon disulfide	mg/L	NL	2.1	0.010 U	0.010 U
Carbon tetrachloride	mg/L	0.005	0.039	0.0050 U	0.0050 U
Chlorobenzene	mg/L	0.1	0.22	0.0050 U	0.0050 U
Chloroethane	mg/L	NL	63	0.010 U	0.010 U
Chloroform	mg/L	NL	0.019	0.0050 U	0.0050 U
Chloromethane	mg/L	NL	0.56	0.010 U	0.010 U
cis-1,2-Dichloroethene	mg/L	0.07	0.083	0.0050 U	0.0050 U
cis-1,3-Dichloropropene	mg/L	NL	NL	0.0010 U	0.0010 U
Dibromochloromethane	mg/L	NL	0.015	0.0050 U	0.0050 U
Ethylbenzene	mg/L	0.7	0.13	0.0050 U	0.0050 U
Methyl tert-butyl ether	mg/L	NL	1.2	0.0050 U	0.0050 U
Methylene chloride	mg/L	0.005	0.25	0.0050 U	0.0050 U
Styrene	mg/L	0.1	3.2	0.0050 U	0.0050 U

**Table 2**  
**Groundwater Sampling Analytical Results**  
**Vogue Cleaners SA**  
**Wauwatosa, Milwaukee County, WI**

Chemical Name	Unit	Location ID		VC-SB2	VC-SB7
		Field Sample ID		VC-SB2-GW(12-14)-042214	VC-SB7-GW (4-5)-042414
		Sample Date		4/22/2014	4/24/2014
		EPA MCL <sup>1</sup>	EPA RML-TW (HQ3) <sup>2</sup>		
Tetrachloroethene	mg/L	0.005	0.1	1.1	0.0050 U
Toluene	mg/L	1	2.6	0.0050 U	0.0050 U
trans-1,2-Dichloroethene	mg/L	0.1	0.26	0.0050 U	0.0050 U
trans-1,3-Dichloropropene	mg/L	NL	NL	0.0010 U	0.0010 U
Trichloroethene	mg/L	0.005	0.0077	0.0059	0.0050 U
Vinyl chloride	mg/L	0.002	0.0015	0.0020 U	0.0020 U
Xylenes, Total	mg/L	10	0.57	0.015 U	0.015 U

Notes:

**Result exceeds EPA MCL screening criteria**

**Result exceeds all screening criteria**

<sup>1</sup>EPA Maximum Contaminant Levels (MCLs)

<sup>2</sup>EPA Regional Removal Management Levels (RMLs) – Tap water Hazard Quotient (HQ) 3.

mg/L - Milligram per liter

HQ - Hazard Quotient

ID - Identification

MCL - Maximum Contaminant Level

NL - Not listed

RML - Removal Management Level

TW - Tap water

U - Not detected

Table 3  
Soil Gas Sampling Analytical Results  
Vogue Cleaners SA  
Wauwatosa, Milwaukee County, WI

Chemical Name	Unit	Location ID	VC-SB1	VC-SB2D	VC-SB2S	VC-SB3	VC-SB4	VC-SB5	VC-SB6	VC-SB7	VC-SB9	VC-SB10
		Field Sample ID	VC-SB1-SG (6.5-7)-042314	VC-SB2-SG (10-10.5)-042314	VC-SB2-SG (4-4.5)-042314	VC-SB3-SG (6.5-7)-042314	VC-SB4-SG (6.5-7.5)-042414	VC-SB5-SG (5-6)-042414	VC-SB6-SG (6.5-7.5)-042414	VC-SB7-SG (4-5)-042514	VC-SB9-SG (6.5-7.5)-042414	VC-SB10 (2-4)-042814
		Sample Date	4/23/2014	4/23/2014	4/23/2014	4/23/2014	4/24/2014	4/24/2014	4/24/2014	4/24/2014	4/24/2014	4/28/2014
1,1,1-Trichloroethane	mg/m3	156	0.0019 U	0.0018 U	0.0019	0.0018 U	0.0017 U	0.0017 U	0.0018 U	0.0017 U	0.0018 U	0.0033 U
1,1,2,2-Tetrachloroethane	mg/m3	0.042	0.0023 U	0.0022 U	0.0023 U	0.0022 U	0.0022 U	0.0022 U	0.0023 U	0.0021 U	0.0022 U	0.0041 U
1,1,2-Trichloroethane	mg/m3	0.00626	0.0019 U	0.0018 U	0.0018 U	0.0018 U	0.0017 U	0.0017 U	0.0018 U	0.0017 U	0.0018 U	0.0033 U
1,1-Dichloroethane	mg/m3	1.52	0.0014 U	0.0013 U	0.0014 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0024 U
1,1-Dichloroethene	mg/m3	6.26	0.0014 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0024 U
1,2,4-Trichlorobenzene	mg/m3	0.0626	0.0025 U	0.0024 U	0.0025 U	0.0024 U	0.0024 U	0.0023 U	0.0025 U	0.0023 U	0.0024 U	0.0045 U
1,2,4-Trimethylbenzene	mg/m3	0.219	0.0017 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0015 U	0.0016 U	0.0015 U	0.0016 U	0.0030 U
1,2-Dibromoethane	mg/m3	0.00406	0.0026 U	0.0025 U	0.0026 U	0.0025 U	0.0025 U	0.0024 U	0.0026 U	0.0024 U	0.0025 U	0.0046 U
1,2-Dichlorobenzene	mg/m3	6.26	0.0020 U	0.0019 U	0.0020 U	0.0020 U	0.0019 U	0.0019 U	0.0020 U	0.0019 U	0.0020 U	0.0036 U
1,2-Dichloroethane	mg/m3	0.0936	0.0014 U	0.0013 U	0.0014 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0024 U
1,2-Dichloropropane	mg/m3	0.125	0.0016 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0014 U	0.0015 U	0.0028 U
1,3,5-Trimethylbenzene	mg/m3	NL	0.0017 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0015 U	0.0016 U	0.0015 U	0.0016 U	0.0030 U
1,3-Butadiene	mg/m3	0.0626	0.0018	0.00071 U	0.0019	0.00087	0.00071 U	0.00080	0.0012	0.00069 U	0.00073 U	0.0013 U
1,3-Dichlorobenzene	mg/m3	NL	0.0020 U	0.0019 U	0.0020 U	0.0020 U	0.0019 U	0.0019 U	0.0020 U	0.0019 U	0.0020 U	0.0036 U
1,4-Dichlorobenzene	mg/m3	0.221	0.0020 U	0.0019 U	0.0020 U	0.0020 U	0.0019 U	0.0019 U	0.0020 U	0.0019 U	0.0020 U	0.0036 U
1,4-Dioxane	mg/m3	NL	0.0031 U	0.0029 U	0.0030 U	0.0030 U	0.0029 U	0.0028 U	0.0030 U	0.0028 U	0.0030 U	0.0054 U
2-Butanone	mg/m3	156	0.0025 U	0.0024 U	0.0025 U	0.0024 U	0.0024 U	0.0025 U	0.0025 U	0.0023 U	0.0024 U	0.013
2-Hexanone	mg/m3	0.939	0.0070 U	0.0066 U	0.0068 U	0.0067 U	0.0065 U	0.0065 U	0.0068 U	0.0064 U	0.0067 U	0.012 U
4-Ethyltoluene	mg/m3	NL	0.0017 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0015 U	0.0016 U	0.0015 U	0.0016 U	0.0030 U
4-Methyl-2-pentanone	mg/m3	93.9	0.0070 U	0.0066 U	0.0068 U	0.0067 U	0.0065 U	0.0065 U	0.0068 U	0.0064 U	0.0067 U	0.012 U
Acetone	mg/m3	970	0.019	0.0090	0.0090	0.028	0.012	0.030	0.013	0.018	0.011	0.058
Benzene	mg/m3	0.312	0.0020	0.0010 U	0.0041	0.0010 U	0.0010 U	0.0026	0.0011 U	0.0010 U	0.0010 U	0.0021
Benzyl chloride	mg/m3	0.0313	0.0044 U	0.0042 U	0.0043 U	0.0042 U	0.0041 U	0.0041 U	0.0043 U	0.0040 U	0.0042 U	0.0078 U
Bromodichloromethane	mg/m3	0.0658	0.026	0.0022 U	0.0022 U	0.0022 U	0.0021 U	0.028	0.0022 U	0.0021 U	0.0022 U	0.0060
Bromoform	mg/m3	NL	0.0088 U	0.0083 U	0.0086 U	0.0085 U	0.0083 U	0.0081 U	0.0086 U	0.0081 U	0.0085 U	0.016 U
Bromomethane	mg/m3	0.156	0.0033 U	0.0031 U	0.0032 U	0.0032 U	0.0031 U	0.0031 U	0.0032 U	0.0030 U	0.0032 U	0.0058 U
Carbon disulfide	mg/m3	21.9	0.018	0.0010 U	0.0053	0.0041	0.0010 U	0.0047	0.0036	0.0012	0.0010 U	0.0019 U
Carbon tetrachloride	mg/m3	0.406	0.0021 U	0.0020 U	0.0021 U	0.0021 U	0.0020 U	0.0020 U	0.0021 U	0.0020 U	0.0021 U	0.0038 U
Chlorobenzene	mg/m3	1.56	0.0016 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0014 U	0.0015 U	0.0028 U
Chloroethane	mg/m3	313	0.0021	0.00085 U	0.00088 U	0.00086 U	0.00084 U	0.00083 U	0.00088 U	0.00083 U	0.00086 U	0.0016 U
Chloroform	mg/m3	0.106	0.11	0.0016 U	0.0019	0.0016 U	0.0016 U	0.12	0.0016 U	0.0015	0.0035	0.019
Chloromethane	mg/m3	2.82	0.0018 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0016 U	0.0017 U	0.0016 U	0.0017 U	0.0031 U
cis-1,2-Dichloroethene	mg/m3	NL	0.085	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0024 U
cis-1,3-Dichloropropene	mg/m3	NL	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.0015 U	0.0027 U
Cyclohexane	mg/m3	188	0.0032	0.0011 U	0.0044	0.0011 U	0.0011 U	0.0020	0.0012	0.0011 U	0.0011 U	0.0021 U
Dibromochloromethane	mg/m3	0.0901	0.0045	0.0027 U	0.0028 U	0.0028 U	0.0027 U	0.0050	0.0028 U	0.0027 U	0.0028 U	0.0051 U
Dichlorodifluoromethane	mg/m3	3.13	0.0019	0.0022	0.0021	0.0019	0.0021	0.0020	0.0019	0.0021	0.0022	0.0031
Ethyl acetate	mg/m3	NL	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0022 U
Ethylbenzene	mg/m3	0.973	0.0015 U	0.0014 U	0.0015	0.0014 U	0.0014 U	0.0018	0.0014 U	0.0014 U	0.0014 U	0.0026 U
Freon-113	mg/m3	939	0.0026 U	0.0025 U	0.0026 U	0.0025 U	0.0024 U	0.0024 U	0.0025 U	0.0024 U	0.0025 U	0.0046 U
Freon-114	mg/m3	NL	0.012 U	0.011 U	0.012 U	0.011 U	0.011 U	0.011 U	0.012 U	0.011 U	0.011 U	0.021 U
Heptane	mg/m3	NL	0.0054	0.0013 U	0.011	0.0015	0.0013 U	0.0091	0.0022	0.0015	0.0013 U	0.0025 U
Hexachlorobutadiene	mg/m3	NL	0.0036 U	0.0034 U	0.0036 U	0.0035 U	0.0034 U	0.0034 U	0.0035 U	0.0033 U	0.0035 U	0.0064 U



**Table 3**  
Soil Gas Sampling Analytical Results  
Vogue Cleaners SA  
Wauwatosa, Milwaukee County, WI

Chemical Name	Unit	Location ID	VC-SB1	VC-SB2D	VC-SB2S	VC-SB3	VC-SB4	VC-SB5	VC-SB6	VC-SB7	VC-SB9	VC-SB10
		Field Sample ID	VC-SB1-SG (6.5-7)-042314	VC-SB2-SG (10-10.5)-042314	VC-SB1-SG (4-4.5)-042314	VC-SB3-SG (6.5-7)-042314	VC-SB4-SG (6.5-7.5)-042414	VC-SB5-SG (6-6)-042414	VC-SB6-SG (6.5-7.5)-042414	VC-SB7-SG (4-5)-042514	VC-SB9-SG (6.5-7.5)-042414	VC-SB10 (2-4)-042814
		Sample Date	4/23/2014	4/23/2014	4/23/2014	4/23/2014	4/24/2014	4/24/2014	4/24/2014	4/24/2014	4/24/2014	4/24/2014
		VISL <sup>1</sup>										
Hexane	mg/m3	21.9	0.014	0.0028 U	0.026	0.0043	0.0028 U	0.014	0.0055	0.0045	0.0029 U	0.0053 U
Isopropyl Alcohol	mg/m3	NL	0.0042 U	0.0040 U	0.0043	0.011	0.0039 U	0.0039 U	0.0041 U	0.014	0.0042	0.0074 U
m,p-Xylene	mg/m3	NL	0.0030 U	0.0028 U	0.0029 U	0.0028 U	0.0028 U	0.0051	0.0029 U	0.0027 U	0.0028 U	0.0052 U
Methyl tert-butyl ether	mg/m3	9.36	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0022 U
Methylene chloride	mg/m3	18.8	0.012 U	0.011 U	0.012 U	0.011 U	0.011 U	0.011 U	0.012 U	0.014	0.011 U	0.021 U
Naphthalene	mg/m3	0.0716	0.0018 U	0.0017 U	0.0065	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0016 U	0.0017 U	0.0031 U
o-Xylene	mg/m3	3.13	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.0014 U	0.0016	0.0014 U	0.0014 U	0.0014 U	0.0026 U
Propene	mg/m3	93.9	0.069	0.0055 U	0.033	0.037	0.0055 U	0.016	0.034	0.0059	0.0056 U	0.047
Styrene	mg/m3	31.3	0.0015 U	0.0014 U	0.0014 U	0.0014 U	0.0014 U	0.0013 U	0.0014 U	0.0013 U	0.0014 U	0.0026 U
Tetrachloroethene	mg/m3	1.25	2.8	0.0022 U	1400	2	0.0022 U	0.054	0.026	0.0021 U	0.0022 U	0.0041 U
Tetrahydrofuran	mg/m3	62.6	0.0025 U	0.0024 U	0.0025 U	0.0024 U	0.0024 U	0.0023 U	0.0025 U	0.0023 U	0.0024 U	0.0044 U
Toluene	mg/m3	156	0.0074	0.0012 U	0.0070	0.0016	0.0012 U	0.016	0.0014	0.0023	0.0015	0.0049
trans-1,2-Dichloroethene	mg/m3	1.88	0.0057	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0024 U
trans-1,3-Dichloropropene	mg/m3	NL	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.0015 U	0.0027 U
Trichloroethene	mg/m3	0.021	0.38	0.0017 U	0.086	0.039	0.0017 U	0.0017 U	0.0018 U	0.0017 U	0.0018 U	0.0032 U
Trichlorofluoromethane	mg/m3	21.9	0.0019 U	0.0018 U	0.0019 U	0.0018 U	0.0018 U	0.0018 U	0.0019 U	0.0018 U	0.0018 U	0.0034 U
Vinyl acetate	mg/m3	6.26	0.012 U	0.011 U	0.012 U	0.012 U	0.011 U	0.011 U	0.012 U	0.011 U	0.012 U	0.021 U
Vinyl chloride	mg/m3	0.161	0.013	0.00082 U	0.00085 U	0.00084 U	0.00082 U	0.00081 U	0.00085 U	0.00080 U	0.00084 U	0.0015 U
Xylenes, Total	mg/m3	3.13	0.0044 U	0.0042 U	0.0044 U	0.0043 U	0.0042 U	0.0066	0.0043 U	0.0041 U	0.0043 U	0.0078 U

Notes:  
 Result exceeds EPA VISL  
<sup>1</sup>EPA VISL, Version 3.2 November 2013, Target Sub-Slab and Exterior Soil Gas Concentrations at TCR 10-4, TNCR HQ3 (except TCE), and TNCR HQ1 (for TCE)  
 mg/m<sup>3</sup> - Milligram per cubic meter  
 ID - Identification  
 J - Estimated value  
 NL - Not listed  
 Res - Residential Air  
 RSL - Regional Screening Level  
 U - Not detected  
 UJ - Not detected; estimated value

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**ATTACHMENT E**  
**LABORATORY ANALYTICAL RESULTS AND**  
**DATA VALIDATION REPORTS**

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**VOGUE CLEANERS SITE  
WAUWATOSA, WISCONSIN  
DATA VALIDATION REPORT**

**Date:** May 23, 2014

**Laboratory:** STAT Analysis Corporation (STAT), Chicago, Illinois

**Laboratory Project #:** 14041186

**Data Validation Performed By:** Lisa Graczyk, Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START)

**Weston Analytical Work Order #/TDD #:** 20405.016.001.1699.00/ S05-0001-1112-005

This data validation report has been prepared by WESTON START under the START III Region V contract. This report documents the data validation for nine air samples, two groundwater samples, and one trip blank collected for the Vogue Cleaners Site that were analyzed for the following parameters and U.S. Environmental Protection Agency methods.

- Volatile Organic Compounds (VOC) by TO-15 (air)
- VOCs by SW-846 Method 8260B (water)

A level II data package was requested from STAT. The data validation was conducted in general accordance with the EPA "Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review" dated June 2008. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

**VOCs BY EPA METHOD TO-15**

**1. Samples**

The following table summarizes the samples for which this data validation is being conducted.

<b>Samples</b>	<b>Lab ID</b>	<b>Matrix</b>	<b>Date Collected</b>	<b>Date Analyzed</b>
VC-SB2-SG (4-4.5)-042314	14041186-003	Air	4/23/2014	4/29/2014
VC-SB2-SG (10-10.5)-042314	14041186-004	Air	4/23/2014	4/30/2014
VC-SB3-SG (6.5-7)-042314	14041186-005	Air	4/23/2014	4/29/2014
VC-SB1-SG (6.5-7)-042314	14041186-006	Air	4/23/2014	4/29/2014
VC-SB5-SG (5-6)-042414	14041186-007	Air	4/24/2014	4/30/2014
VC-SB4-SG (6.5-7.5)-042414	14041186-008	Air	4/24/2014	4/30/2014
VC-SB9-SG (6.5-7.5)-042414	14041186-009	Air	4/24/2014	4/30/2014
VC-SB6-SG (6.5-7.5)-042414	14041186-010	Air	4/24/2014	4/30/2014
VC-SB7-SG (4-5)-042514	14041186-011	Air	4/25/2014	4/30/2014

2. **Holding Times**

The samples were analyzed within the required holding time limit of 30 days from sample collection.

3. **Blanks**

Method blanks were analyzed with the VOC analysis and were free of target compound contamination above the reporting limits. Some VOCs were detected in the method blanks below the reporting limits but above the method detection limits. These VOCs were not detected in the samples or were detected at a much higher concentration in the samples; therefore, no qualifications were warranted and the data usability was not affected.

4. **Laboratory Control Sample (LCS) Results**

The LCS and LCS duplicate (LCSD) recoveries and relative percent differences (RPD) were within laboratory QC limits except for as follows. Chloroethane was detected 1-2 percent below the QC limit. No qualification was applied for this minor discrepancy.

5. **Overall Assessment**

The VOC data are acceptable for use based on the information received.

**VOCs by SW-846 METHOD 8260B**

1. **Samples**

The following table summarizes the samples for which this data validation is being conducted.

<b>Samples</b>	<b>Lab ID</b>	<b>Matrix</b>	<b>Date Collected</b>	<b>Date Analyzed</b>
VC-SB2-GW(12-14)-042214	14041186-001	Water	4/22/2014	5/1/2014
VC-SB7-GW (4-5)-042414	14041186-002	Water	4/24/2014	5/2/2014

2. **Holding Times**

The samples were analyzed within the required holding time limit of 14 days from sample collection.

3. **Blanks**

Method blanks were analyzed with the VOC analyses and were free of VOCs above the reporting limits. Toluene was detected below the reporting limit in the method blank; however, it was not detected in the water samples. No qualifications were required.

4. **Surrogate Results**

The surrogate recovery results were within the laboratory-established QC limits.

5. **LCS Results**

The LCS and LCSD recoveries and RPDs were within laboratory QC limits.

6. **Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results**

A site-specific MS and MSD were not analyzed with this work order. Therefore, matrix interferences could not be evaluated using the MS and MSD. No qualifications were applied.

7. **Overall Assessment**

The VOC data are acceptable for use based on the information received.

Data Validation Report  
Vogue Cleaners Site  
STAT Analysis Corporation  
Laboratory Project #: 14041186

**ATTACHMENT**

**STAT ANALYSIS CORPORATION  
RESULTS SUMMARY**

**STAT** Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

May 15, 2014

Weston Solutions  
20 North Wacker Drive  
Chicago, IL 60606

Telephone: (312) 424-3339  
Fax: (312) 424-3330

Analytical Report for STAT Workorder: 14041186 Revision 1

RE: 20405.012.001.2301.00, Vogue Cleaners, Wauwatosa

Dear Lisa Graczyk:

STAT Analysis received 12 samples for the referenced project on 4/26/2014 9:00:00 AM. The analytical results are presented in the following report.

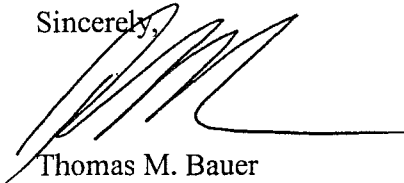
This report is revised to reflect changes made after the initial report was issued.

All analyses were performed in accordance with the requirements of 35 IAC part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Thomas M. Bauer  
General Manager

*The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.*

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**Client:** Weston Solutions  
**Project:** 20405.012.001.2301.00, Vogue Cleaners, Wauwatosa **Work Order Sample Summary**  
**Lab Order:** 14041186

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Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
14041186-001A	VC-SB2-GW(12-14)-042214		4/22/2014 11:55:00 AM	4/26/2014
14041186-002A	VC-SB7-GW (4-5)-042414		4/24/2014 10:30:00 AM	4/26/2014
14041186-003A	VC-SB2-SG (4-4.5)-042314		4/23/2014 11:00:00 AM	4/26/2014
14041186-004A	VC-SB2-SG (10-10.5)-042314		4/23/2014 3:50:00 PM	4/26/2014
14041186-005A	VC-SB3-SG (6.5-7)-042314		4/23/2014 4:55:00 PM	4/26/2014
14041186-006A	VC-SB1-SG (6.5-7)-042314		4/23/2014 5:50:00 PM	4/26/2014
14041186-007A	VC-SB5-SG (5-6)-042414		4/24/2014 9:10:00 AM	4/26/2014
14041186-008A	VC-SB4-SG (6.5-7.5)-042414		4/24/2014 1:00:00 PM	4/26/2014
14041186-009A	VC-SB9-SG (6.5-7.5)-042414		4/24/2014 2:30:00 PM	4/26/2014
14041186-010A	VC-SB6-SG (6.5-7.5)-042414		4/24/2014 11:15:00 AM	4/26/2014
14041186-011A	VC-SB7-SG (4-5)-042514		4/24/2014 11:00:00 AM	4/26/2014
14041186-012A	Trip Blank			4/26/2014



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**CLIENT:** Weston Solutions  
**Project:** 20405.012.001.2301.00, Vogue Cleaners, Wauv  
**Lab Order:** 14041186

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**CASE NARRATIVE**

Please refer to Analytical QC Summary Report for QC outliers.

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: May 15, 2014

**ANALYTICAL RESULTS**

Print Date: May 15, 2014

Client: Weston Solutions

Client Sample ID: VC-SB2-GW(12-14)-042214

Lab Order: 14041186

Tag Number:

Project: 20405.012.001.2301.00, Vogue Cleaners, Wauwato Collection Date 4/22/2014 11:55:00 AM

Lab ID: 14041186-001A

Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW8260B (SW5030B)</b>		Prep Date:		Analyst: ERP
Acetone	ND	0.020		mg/L	1	5/1/2014
Benzene	ND	0.0050		mg/L	1	5/1/2014
Bromodichloromethane	ND	0.0050		mg/L	1	5/1/2014
Bromoform	ND	0.0050		mg/L	1	5/1/2014
Bromomethane	ND	0.010		mg/L	1	5/1/2014
2-Butanone	ND	0.020		mg/L	1	5/1/2014
Carbon disulfide	ND	0.010		mg/L	1	5/1/2014
Carbon tetrachloride	ND	0.0050		mg/L	1	5/1/2014
Chlorobenzene	ND	0.0050		mg/L	1	5/1/2014
Chloroethane	ND	0.010		mg/L	1	5/1/2014
Chloroform	ND	0.0050		mg/L	1	5/1/2014
Chloromethane	ND	0.010		mg/L	1	5/1/2014
Dibromochloromethane	ND	0.0050		mg/L	1	5/1/2014
1,1-Dichloroethane	ND	0.0050		mg/L	1	5/1/2014
1,2-Dichloroethane	ND	0.0050		mg/L	1	5/1/2014
1,1-Dichloroethene	ND	0.0050		mg/L	1	5/1/2014
cis-1,2-Dichloroethene	ND	0.0050		mg/L	1	5/1/2014
trans-1,2-Dichloroethene	ND	0.0050		mg/L	1	5/1/2014
1,2-Dichloropropane	ND	0.0050		mg/L	1	5/1/2014
cis-1,3-Dichloropropene	ND	0.0010		mg/L	1	5/1/2014
trans-1,3-Dichloropropene	ND	0.0010		mg/L	1	5/1/2014
Ethylbenzene	ND	0.0050		mg/L	1	5/1/2014
2-Hexanone	ND	0.020		mg/L	1	5/1/2014
4-Methyl-2-pentanone	ND	0.020		mg/L	1	5/1/2014
Methylene chloride	ND	0.0050		mg/L	1	5/1/2014
Methyl tert-butyl ether	ND	0.0050		mg/L	1	5/1/2014
Styrene	ND	0.0050		mg/L	1	5/1/2014
1,1,2,2-Tetrachloroethane	ND	0.0050		mg/L	1	5/1/2014
Tetrachloroethene	1.1	0.25		mg/L	50	5/2/2014
Toluene	ND	0.0050		mg/L	1	5/1/2014
1,1,1-Trichloroethane	ND	0.0050		mg/L	1	5/1/2014
1,1,2-Trichloroethane	ND	0.0050		mg/L	1	5/1/2014
Trichloroethene	0.0059	0.0050		mg/L	1	5/1/2014
Vinyl chloride	ND	0.0020		mg/L	1	5/1/2014
Xylenes, Total	ND	0.015		mg/L	1	5/1/2014

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: May 15, 2014

**ANALYTICAL RESULTS**

Print Date: May 15, 2014

Client: Weston Solutions

Client Sample ID: VC-SB7-GW (4-5)-042414

Lab Order: 14041186

Tag Number:

Project: 20405.012.001.2301.00, Vogue Cleaners, Wauwato Collection Date 4/24/2014 10:30:00 AM

Lab ID: 14041186-002A

Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>	<b>SW8260B (SW5030B)</b>		Prep Date:	Analyst: ERP		
Acetone	ND	0.020		mg/L	1	5/2/2014
Benzene	ND	0.0050		mg/L	1	5/2/2014
Bromodichloromethane	ND	0.0050		mg/L	1	5/2/2014
Bromoform	ND	0.0050		mg/L	1	5/2/2014
Bromomethane	ND	0.010		mg/L	1	5/2/2014
2-Butanone	ND	0.020		mg/L	1	5/2/2014
Carbon disulfide	ND	0.010		mg/L	1	5/2/2014
Carbon tetrachloride	ND	0.0050		mg/L	1	5/2/2014
Chlorobenzene	ND	0.0050		mg/L	1	5/2/2014
Chloroethane	ND	0.010		mg/L	1	5/2/2014
Chloroform	ND	0.0050		mg/L	1	5/2/2014
Chloromethane	ND	0.010		mg/L	1	5/2/2014
Dibromochloromethane	ND	0.0050		mg/L	1	5/2/2014
1,1-Dichloroethane	ND	0.0050		mg/L	1	5/2/2014
1,2-Dichloroethane	ND	0.0050		mg/L	1	5/2/2014
1,1-Dichloroethene	ND	0.0050		mg/L	1	5/2/2014
cis-1,2-Dichloroethene	ND	0.0050		mg/L	1	5/2/2014
trans-1,2-Dichloroethene	ND	0.0050		mg/L	1	5/2/2014
1,2-Dichloropropane	ND	0.0050		mg/L	1	5/2/2014
cis-1,3-Dichloropropene	ND	0.0010		mg/L	1	5/2/2014
trans-1,3-Dichloropropene	ND	0.0010		mg/L	1	5/2/2014
Ethylbenzene	ND	0.0050		mg/L	1	5/2/2014
2-Hexanone	ND	0.020		mg/L	1	5/2/2014
4-Methyl-2-pentanone	ND	0.020		mg/L	1	5/2/2014
Methylene chloride	ND	0.0050		mg/L	1	5/2/2014
Methyl tert-butyl ether	ND	0.0050		mg/L	1	5/2/2014
Styrene	ND	0.0050		mg/L	1	5/2/2014
1,1,2,2-Tetrachloroethane	ND	0.0050		mg/L	1	5/2/2014
Tetrachloroethene	ND	0.0050		mg/L	1	5/2/2014
Toluene	ND	0.0050		mg/L	1	5/2/2014
1,1,1-Trichloroethane	ND	0.0050		mg/L	1	5/2/2014
1,1,2-Trichloroethane	ND	0.0050		mg/L	1	5/2/2014
Trichloroethene	ND	0.0050		mg/L	1	5/2/2014
Vinyl chloride	ND	0.0020		mg/L	1	5/2/2014
Xylenes, Total	ND	0.015		mg/L	1	5/2/2014

**Qualifiers:**

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Report Date: May 15, 2014

**ANALYTICAL RESULTS**

Print Date: May 15, 2014

Client: Weston Solutions

Client Sample ID: VC-SB2-SG (4-4.5)-042314

Lab Order: 14041186

Tag Number:

Project: 20405.012.001.2301.00, Vogue Cleaners, Wauwato Collection Date 4/23/2014 11:00:00 AM

Lab ID: 14041186-003A

Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds in Air by GC/MS</b>		<b>TO-15</b>				Prep Date: 4/28/2014 Analyst: VP
1,1,1-Trichloroethane	0.0019	0.0018		mg/m <sup>3</sup>	1	4/29/2014
1,1,2,2-Tetrachloroethane	ND	0.0023		mg/m <sup>3</sup>	1	4/29/2014
1,1,2-Trichloroethane	ND	0.0018		mg/m <sup>3</sup>	1	4/29/2014
1,1-Dichloroethane	ND	0.0014		mg/m <sup>3</sup>	1	4/29/2014
1,1-Dichloroethene	ND	0.0013		mg/m <sup>3</sup>	1	4/29/2014
1,2,4-Trichlorobenzene	ND	0.0025		mg/m <sup>3</sup>	1	4/29/2014
1,2,4-Trimethylbenzene	ND	0.0016		mg/m <sup>3</sup>	1	4/29/2014
1,2-Dibromoethane	ND	0.0026		mg/m <sup>3</sup>	1	4/29/2014
1,2-Dichlorobenzene	ND	0.0020		mg/m <sup>3</sup>	1	4/29/2014
1,2-Dichloroethane	ND	0.0014		mg/m <sup>3</sup>	1	4/29/2014
1,2-Dichloropropane	ND	0.0015		mg/m <sup>3</sup>	1	4/29/2014
1,3,5-Trimethylbenzene	ND	0.0016		mg/m <sup>3</sup>	1	4/29/2014
1,3-Butadiene	0.0019	0.00074		mg/m <sup>3</sup>	1	4/29/2014
1,3-Dichlorobenzene	ND	0.0020		mg/m <sup>3</sup>	1	4/29/2014
1,4-Dichlorobenzene	ND	0.0020		mg/m <sup>3</sup>	1	4/29/2014
1,4-Dioxane	ND	0.0030		mg/m <sup>3</sup>	1	4/29/2014
2-Butanone	ND	0.0025		mg/m <sup>3</sup>	1	4/29/2014
2-Hexanone	ND	0.0068		mg/m <sup>3</sup>	1	4/29/2014
4-Ethyltoluene	ND	0.0016		mg/m <sup>3</sup>	1	4/29/2014
4-Methyl-2-pentanone	ND	0.0068		mg/m <sup>3</sup>	1	4/29/2014
Acetone	0.0090	0.0079	*	mg/m <sup>3</sup>	1	4/29/2014
Benzene	0.0041	0.0011		mg/m <sup>3</sup>	1	4/29/2014
Benzyl chloride	ND	0.0043		mg/m <sup>3</sup>	1	4/29/2014
Bromodichloromethane	ND	0.0022		mg/m <sup>3</sup>	1	4/29/2014
Bromoform	ND	0.0086		mg/m <sup>3</sup>	1	4/29/2014
Bromomethane	ND	0.0032		mg/m <sup>3</sup>	1	4/29/2014
Carbon disulfide	0.0053	0.0010		mg/m <sup>3</sup>	1	4/29/2014
Carbon tetrachloride	ND	0.0021		mg/m <sup>3</sup>	1	4/29/2014
Chlorobenzene	ND	0.0015		mg/m <sup>3</sup>	1	4/29/2014
Chloroethane	ND	0.00088		mg/m <sup>3</sup>	1	4/29/2014
Chloroform	0.0019	0.0016		mg/m <sup>3</sup>	1	4/29/2014
Chloromethane	ND	0.0017		mg/m <sup>3</sup>	1	4/29/2014
cis-1,2-Dichloroethene	ND	0.0013		mg/m <sup>3</sup>	1	4/29/2014
cis-1,3-Dichloropropene	ND	0.0015		mg/m <sup>3</sup>	1	4/29/2014
Cyclohexane	0.0044	0.0011		mg/m <sup>3</sup>	1	4/29/2014
Dibromochloromethane	ND	0.0028		mg/m <sup>3</sup>	1	4/29/2014
Dichlorodifluoromethane	0.0021	0.0017		mg/m <sup>3</sup>	1	4/29/2014
Ethyl acetate	ND	0.0012		mg/m <sup>3</sup>	1	4/29/2014

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: May 15, 2014

**ANALYTICAL RESULTS**

Print Date: May 15, 2014

Client: Weston Solutions

Client Sample ID: VC-SB2-SG (4-4.5)-042314

Lab Order: 14041186

Tag Number:

Project: 20405.012.001.2301.00, Vogue Cleaners, Wauwato Collection Date 4/23/2014 11:00:00 AM

Lab ID: 14041186-003A

Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds in Air by GC/MS	TO-15				DF	Date Analyzed
Ethylbenzene	0.0015	0.0015		mg/m <sup>3</sup>	1	4/29/2014
Freon-113	ND	0.0026		mg/m <sup>3</sup>	1	4/29/2014
Freon-114	ND	0.012		mg/m <sup>3</sup>	1	4/29/2014
Heptane	0.011	0.0014		mg/m <sup>3</sup>	1	4/29/2014
Hexachlorobutadiene	ND	0.0036		mg/m <sup>3</sup>	1	4/29/2014
Hexane	0.026	0.0029		mg/m <sup>3</sup>	1	4/29/2014
Isopropyl Alcohol	0.0043	0.0041		mg/m <sup>3</sup>	1	4/29/2014
m,p-Xylene	ND	0.0029		mg/m <sup>3</sup>	1	4/29/2014
Methyl tert-butyl ether	ND	0.0012		mg/m <sup>3</sup>	1	4/29/2014
Methylene chloride	ND	0.012		mg/m <sup>3</sup>	1	4/29/2014
Naphthalene	0.0065	0.0018		mg/m <sup>3</sup>	1	4/29/2014
o-Xylene	ND	0.0015		mg/m <sup>3</sup>	1	4/29/2014
Propene	0.033	0.0057		mg/m <sup>3</sup>	1	4/29/2014
Styrene	ND	0.0014		mg/m <sup>3</sup>	1	4/29/2014
Tetrachloroethene	1400	23		mg/m <sup>3</sup>	10000	4/30/2014
Tetrahydrofuran	ND	0.0025		mg/m <sup>3</sup>	1	4/29/2014
Toluene	0.0070	0.0013		mg/m <sup>3</sup>	1	4/29/2014
trans-1,2-Dichloroethene	ND	0.0013		mg/m <sup>3</sup>	1	4/29/2014
trans-1,3-Dichloropropene	ND	0.0015		mg/m <sup>3</sup>	1	4/29/2014
Trichloroethene	0.086	0.0018		mg/m <sup>3</sup>	1	4/29/2014
Trichlorofluoromethane	ND	0.0019		mg/m <sup>3</sup>	1	4/29/2014
Vinyl acetate	ND	0.012		mg/m <sup>3</sup>	1	4/29/2014
Vinyl chloride	ND	0.00085		mg/m <sup>3</sup>	1	4/29/2014
Xylenes, Total	ND	0.0044		mg/m <sup>3</sup>	1	4/29/2014

**Qualifiers:**

ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: May 15, 2014

**ANALYTICAL RESULTS**

Print Date: May 15, 2014

Client: Weston Solutions

Client Sample ID: VC-SB2-SG (10-10.5)-042314

Lab Order: 14041186

Tag Number:

Project: 20405.012.001.2301.00, Vogue Cleaners, Wauwato Collection Date 4/23/2014 3:50:00 PM

Lab ID: 14041186-004A

Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds in Air by GC/MS</b>		<b>TO-15</b>			Prep Date: <b>4/28/2014</b>	Analyst: <b>VP</b>
1,1,1-Trichloroethane	ND	0.0018		mg/m <sup>3</sup>	1	4/30/2014
1,1,2,2-Tetrachloroethane	ND	0.0022		mg/m <sup>3</sup>	1	4/30/2014
1,1,2-Trichloroethane	ND	0.0018		mg/m <sup>3</sup>	1	4/30/2014
1,1-Dichloroethane	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
1,1-Dichloroethene	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
1,2,4-Trichlorobenzene	ND	0.0024		mg/m <sup>3</sup>	1	4/30/2014
1,2,4-Trimethylbenzene	ND	0.0016		mg/m <sup>3</sup>	1	4/30/2014
1,2-Dibromoethane	ND	0.0025		mg/m <sup>3</sup>	1	4/30/2014
1,2-Dichlorobenzene	ND	0.0019		mg/m <sup>3</sup>	1	4/30/2014
1,2-Dichloroethane	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
1,2-Dichloropropane	ND	0.0015		mg/m <sup>3</sup>	1	4/30/2014
1,3,5-Trimethylbenzene	ND	0.0016		mg/m <sup>3</sup>	1	4/30/2014
1,3-Butadiene	ND	0.00071		mg/m <sup>3</sup>	1	4/30/2014
1,3-Dichlorobenzene	ND	0.0019		mg/m <sup>3</sup>	1	4/30/2014
1,4-Dichlorobenzene	ND	0.0019		mg/m <sup>3</sup>	1	4/30/2014
1,4-Dioxane	ND	0.0029		mg/m <sup>3</sup>	1	4/30/2014
2-Butanone	ND	0.0024		mg/m <sup>3</sup>	1	4/30/2014
2-Hexanone	ND	0.0066		mg/m <sup>3</sup>	1	4/30/2014
4-Ethyltoluene	ND	0.0016		mg/m <sup>3</sup>	1	4/30/2014
4-Methyl-2-pentanone	ND	0.0066		mg/m <sup>3</sup>	1	4/30/2014
Acetone	0.0090	0.0077	*	mg/m <sup>3</sup>	1	4/30/2014
Benzene	ND	0.0010		mg/m <sup>3</sup>	1	4/30/2014
Benzyl chloride	ND	0.0042		mg/m <sup>3</sup>	1	4/30/2014
Bromodichloromethane	ND	0.0022		mg/m <sup>3</sup>	1	4/30/2014
Bromoform	ND	0.0083		mg/m <sup>3</sup>	1	4/30/2014
Bromomethane	ND	0.0031		mg/m <sup>3</sup>	1	4/30/2014
Carbon disulfide	ND	0.0010		mg/m <sup>3</sup>	1	4/30/2014
Carbon tetrachloride	ND	0.0020		mg/m <sup>3</sup>	1	4/30/2014
Chlorobenzene	ND	0.0015		mg/m <sup>3</sup>	1	4/30/2014
Chloroethane	ND	0.00085		mg/m <sup>3</sup>	1	4/30/2014
Chloroform	ND	0.0016		mg/m <sup>3</sup>	1	4/30/2014
Chloromethane	ND	0.0017		mg/m <sup>3</sup>	1	4/30/2014
cis-1,2-Dichloroethene	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
cis-1,3-Dichloropropene	ND	0.0015		mg/m <sup>3</sup>	1	4/30/2014
Cyclohexane	ND	0.0011		mg/m <sup>3</sup>	1	4/30/2014
Dibromochloromethane	ND	0.0027		mg/m <sup>3</sup>	1	4/30/2014
Dichlorodifluoromethane	0.0022	0.0016		mg/m <sup>3</sup>	1	4/30/2014
Ethyl acetate	ND	0.0012		mg/m <sup>3</sup>	1	4/30/2014

**Qualifiers:** ND - Not Detected at the Reporting Limit  
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Report Date: May 15, 2014

**ANALYTICAL RESULTS**

Print Date: May 15, 2014

<b>Client:</b> Weston Solutions	<b>Client Sample ID:</b> VC-SB2-SG (10-10.5)-042314
<b>Lab Order:</b> 14041186	<b>Tag Number:</b>
<b>Project:</b> 20405.012.001.2301.00, Vogue Cleaners, Wauwato	<b>Collection Date:</b> 4/23/2014 3:50:00 PM
<b>Lab ID:</b> 14041186-004A	<b>Matrix:</b> Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds in Air by GC/MS	TO-15				Prep Date: 4/28/2014	Analyst: VP
Ethylbenzene	ND	0.0014		mg/m <sup>3</sup>	1	4/30/2014
Freon-113	ND	0.0025		mg/m <sup>3</sup>	1	4/30/2014
Freon-114	ND	0.011		mg/m <sup>3</sup>	1	4/30/2014
Heptane	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
Hexachlorobutadiene	ND	0.0034		mg/m <sup>3</sup>	1	4/30/2014
Hexane	ND	0.0028		mg/m <sup>3</sup>	1	4/30/2014
Isopropyl Alcohol	ND	0.0040		mg/m <sup>3</sup>	1	4/30/2014
m,p-Xylene	ND	0.0028		mg/m <sup>3</sup>	1	4/30/2014
Methyl tert-butyl ether	ND	0.0012		mg/m <sup>3</sup>	1	4/30/2014
Methylene chloride	ND	0.011		mg/m <sup>3</sup>	1	4/30/2014
Naphthalene	ND	0.0017		mg/m <sup>3</sup>	1	4/30/2014
o-Xylene	ND	0.0014		mg/m <sup>3</sup>	1	4/30/2014
Propene	ND	0.0055		mg/m <sup>3</sup>	1	4/30/2014
Styrene	ND	0.0014		mg/m <sup>3</sup>	1	4/30/2014
Tetrachloroethene	ND	0.0022		mg/m <sup>3</sup>	1	4/30/2014
Tetrahydrofuran	ND	0.0024		mg/m <sup>3</sup>	1	4/30/2014
Toluene	ND	0.0012		mg/m <sup>3</sup>	1	4/30/2014
trans-1,2-Dichloroethene	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
trans-1,3-Dichloropropene	ND	0.0015		mg/m <sup>3</sup>	1	4/30/2014
Trichloroethene	ND	0.0017		mg/m <sup>3</sup>	1	4/30/2014
Trichlorofluoromethane	ND	0.0018		mg/m <sup>3</sup>	1	4/30/2014
Vinyl acetate	ND	0.011		mg/m <sup>3</sup>	1	4/30/2014
Vinyl chloride	ND	0.00082		mg/m <sup>3</sup>	1	4/30/2014
Xylenes, Total	ND	0.0042		mg/m <sup>3</sup>	1	4/30/2014

**Qualifiers:**

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J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Report Date: May 15, 2014

## ANALYTICAL RESULTS

Print Date: May 15, 2014

<b>Client:</b>	Weston Solutions	<b>Client Sample ID:</b>	VC-SB3-SG (6.5-7)-042314
<b>Lab Order:</b>	14041186	<b>Tag Number:</b>	
<b>Project:</b>	20405.012.001.2301.00, Vogue Cleaners, Wauwato Collection Date 4/23/2014 4:55:00 PM		
<b>Lab ID:</b>	14041186-005A	<b>Matrix:</b>	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds in Air by GC/MS		TO-15		Prep Date: 4/28/2014	Analyst: VP	
1,1,1-Trichloroethane	ND	0.0018		mg/m <sup>3</sup>	1	4/29/2014
1,1,2,2-Tetrachloroethane	ND	0.0022		mg/m <sup>3</sup>	1	4/29/2014
1,1,2-Trichloroethane	ND	0.0018		mg/m <sup>3</sup>	1	4/29/2014
1,1-Dichloroethane	ND	0.0013		mg/m <sup>3</sup>	1	4/29/2014
1,1-Dichloroethene	ND	0.0013		mg/m <sup>3</sup>	1	4/29/2014
1,2,4-Trichlorobenzene	ND	0.0024		mg/m <sup>3</sup>	1	4/29/2014
1,2,4-Trimethylbenzene	ND	0.0016		mg/m <sup>3</sup>	1	4/29/2014
1,2-Dibromoethane	ND	0.0025		mg/m <sup>3</sup>	1	4/29/2014
1,2-Dichlorobenzene	ND	0.0020		mg/m <sup>3</sup>	1	4/29/2014
1,2-Dichloroethane	ND	0.0013		mg/m <sup>3</sup>	1	4/29/2014
1,2-Dichloropropane	ND	0.0015		mg/m <sup>3</sup>	1	4/29/2014
1,3,5-Trimethylbenzene	ND	0.0016		mg/m <sup>3</sup>	1	4/29/2014
1,3-Butadiene	0.00087	0.00072		mg/m <sup>3</sup>	1	4/29/2014
1,3-Dichlorobenzene	ND	0.0020		mg/m <sup>3</sup>	1	4/29/2014
1,4-Dichlorobenzene	ND	0.0020		mg/m <sup>3</sup>	1	4/29/2014
1,4-Dioxane	ND	0.0030		mg/m <sup>3</sup>	1	4/29/2014
2-Butanone	ND	0.0024		mg/m <sup>3</sup>	1	4/29/2014
2-Hexanone	ND	0.0067		mg/m <sup>3</sup>	1	4/29/2014
4-Ethyltoluene	ND	0.0016		mg/m <sup>3</sup>	1	4/29/2014
4-Methyl-2-pentanone	ND	0.0067		mg/m <sup>3</sup>	1	4/29/2014
Acetone	0.028	0.0078	*	mg/m <sup>3</sup>	1	4/29/2014
Benzene	ND	0.0010		mg/m <sup>3</sup>	1	4/29/2014
Benzyl chloride	ND	0.0042		mg/m <sup>3</sup>	1	4/29/2014
Bromodichloromethane	ND	0.0022		mg/m <sup>3</sup>	1	4/29/2014
Bromoform	ND	0.0085		mg/m <sup>3</sup>	1	4/29/2014
Bromomethane	ND	0.0032		mg/m <sup>3</sup>	1	4/29/2014
Carbon disulfide	0.0041	0.0010		mg/m <sup>3</sup>	1	4/29/2014
Carbon tetrachloride	ND	0.0021		mg/m <sup>3</sup>	1	4/29/2014
Chlorobenzene	ND	0.0015		mg/m <sup>3</sup>	1	4/29/2014
Chloroethane	ND	0.00086		mg/m <sup>3</sup>	1	4/29/2014
Chloroform	ND	0.0016		mg/m <sup>3</sup>	1	4/29/2014
Chloromethane	ND	0.0017		mg/m <sup>3</sup>	1	4/29/2014
cis-1,2-Dichloroethene	0.032	0.0013		mg/m <sup>3</sup>	1	4/29/2014
cis-1,3-Dichloropropene	ND	0.0015		mg/m <sup>3</sup>	1	4/29/2014
Cyclohexane	ND	0.0011		mg/m <sup>3</sup>	1	4/29/2014
Dibromochloromethane	ND	0.0028		mg/m <sup>3</sup>	1	4/29/2014
Dichlorodifluoromethane	0.0019	0.0016		mg/m <sup>3</sup>	1	4/29/2014
Ethyl acetate	ND	0.0012		mg/m <sup>3</sup>	1	4/29/2014

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
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	* - Non-accredited parameter	H - Holding time exceeded



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Report Date: May 15, 2014

**ANALYTICAL RESULTS**

Print Date: May 15, 2014

Client: Weston Solutions

Client Sample ID: VC-SB3-SG (6.5-7)-042314

Lab Order: 14041186

Tag Number:

Project: 20405.012.001.2301.00, Vogue Cleaners, Wauwato Collection Date 4/23/2014 4:55:00 PM

Lab ID: 14041186-005A

Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds in Air by GC/MS	TO-15				DF	Date Analyzed
						Prep Date: 4/28/2014 Analyst: VP
Ethylbenzene	ND	0.0014		mg/m <sup>3</sup>	1	4/29/2014
Freon-113	ND	0.0025		mg/m <sup>3</sup>	1	4/29/2014
Freon-114	ND	0.011		mg/m <sup>3</sup>	1	4/29/2014
Heptane	0.0015	0.0013		mg/m <sup>3</sup>	1	4/29/2014
Hexachlorobutadiene	ND	0.0035		mg/m <sup>3</sup>	1	4/29/2014
Hexane	0.0043	0.0029		mg/m <sup>3</sup>	1	4/29/2014
Isopropyl Alcohol	0.011	0.0040		mg/m <sup>3</sup>	1	4/29/2014
m,p-Xylene	ND	0.0028		mg/m <sup>3</sup>	1	4/29/2014
Methyl tert-butyl ether	ND	0.0012		mg/m <sup>3</sup>	1	4/29/2014
Methylene chloride	ND	0.011		mg/m <sup>3</sup>	1	4/29/2014
Naphthalene	ND	0.0017		mg/m <sup>3</sup>	1	4/29/2014
o-Xylene	ND	0.0014		mg/m <sup>3</sup>	1	4/29/2014
Propene	0.037	0.0056		mg/m <sup>3</sup>	1	4/29/2014
Styrene	ND	0.0014		mg/m <sup>3</sup>	1	4/29/2014
Tetrachloroethene	2.0	0.057		mg/m <sup>3</sup>	25	4/30/2014
Tetrahydrofuran	ND	0.0024		mg/m <sup>3</sup>	1	4/29/2014
Toluene	0.0016	0.0012		mg/m <sup>3</sup>	1	4/29/2014
trans-1,2-Dichloroethene	ND	0.0013		mg/m <sup>3</sup>	1	4/29/2014
trans-1,3-Dichloropropene	ND	0.0015		mg/m <sup>3</sup>	1	4/29/2014
Trichloroethene	0.039	0.0018		mg/m <sup>3</sup>	1	4/29/2014
Trichlorofluoromethane	ND	0.0018		mg/m <sup>3</sup>	1	4/29/2014
Vinyl acetate	ND	0.012		mg/m <sup>3</sup>	1	4/29/2014
Vinyl chloride	ND	0.00084		mg/m <sup>3</sup>	1	4/29/2014
Xylenes, Total	ND	0.0043		mg/m <sup>3</sup>	1	4/29/2014

**Qualifiers:**

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\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

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E - Value above quantitation range

H - Holding time exceeded

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Report Date: May 15, 2014

**ANALYTICAL RESULTS**

Print Date: May 15, 2014

Client: Weston Solutions

Client Sample ID: VC-SB1-SG (6.5-7)-042314

Lab Order: 14041186

Tag Number:

Project: 20405.012.001.2301.00, Vogue Cleaners, Wauwato Collection Date 4/23/2014 5:50:00 PM

Lab ID: 14041186-006A

Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds in Air by GC/MS</b>		<b>TO-15</b>				Prep Date: 4/28/2014 Analyst: VP
1,1,1-Trichloroethane	ND	0.0019		mg/m <sup>3</sup>	1	4/29/2014
1,1,2,2-Tetrachloroethane	ND	0.0023		mg/m <sup>3</sup>	1	4/29/2014
1,1,2-Trichloroethane	ND	0.0019		mg/m <sup>3</sup>	1	4/29/2014
1,1-Dichloroethane	ND	0.0014		mg/m <sup>3</sup>	1	4/29/2014
1,1-Dichloroethene	ND	0.0014		mg/m <sup>3</sup>	1	4/29/2014
1,2,4-Trichlorobenzene	ND	0.0025		mg/m <sup>3</sup>	1	4/29/2014
1,2,4-Trimethylbenzene	ND	0.0017		mg/m <sup>3</sup>	1	4/29/2014
1,2-Dibromoethane	ND	0.0026		mg/m <sup>3</sup>	1	4/29/2014
1,2-Dichlorobenzene	ND	0.0020		mg/m <sup>3</sup>	1	4/29/2014
1,2-Dichloroethane	ND	0.0014		mg/m <sup>3</sup>	1	4/29/2014
1,2-Dichloropropane	ND	0.0016		mg/m <sup>3</sup>	1	4/29/2014
1,3,5-Trimethylbenzene	ND	0.0017		mg/m <sup>3</sup>	1	4/29/2014
1,3-Butadiene	0.0018	0.00075		mg/m <sup>3</sup>	1	4/29/2014
1,3-Dichlorobenzene	ND	0.0020		mg/m <sup>3</sup>	1	4/29/2014
1,4-Dichlorobenzene	ND	0.0020		mg/m <sup>3</sup>	1	4/29/2014
1,4-Dioxane	ND	0.0031		mg/m <sup>3</sup>	1	4/29/2014
2-Butanone	ND	0.0025		mg/m <sup>3</sup>	1	4/29/2014
2-Hexanone	ND	0.0070		mg/m <sup>3</sup>	1	4/29/2014
4-Ethyltoluene	ND	0.0017		mg/m <sup>3</sup>	1	4/29/2014
4-Methyl-2-pentanone	ND	0.0070		mg/m <sup>3</sup>	1	4/29/2014
Acetone	0.019	0.0081	*	mg/m <sup>3</sup>	1	4/29/2014
Benzene	0.0020	0.0011		mg/m <sup>3</sup>	1	4/29/2014
Benzyl chloride	ND	0.0044		mg/m <sup>3</sup>	1	4/29/2014
Bromodichloromethane	0.026	0.0023		mg/m <sup>3</sup>	1	4/29/2014
Bromoform	ND	0.0088		mg/m <sup>3</sup>	1	4/29/2014
Bromomethane	ND	0.0033		mg/m <sup>3</sup>	1	4/29/2014
Carbon disulfide	0.018	0.0011		mg/m <sup>3</sup>	1	4/29/2014
Carbon tetrachloride	ND	0.0021		mg/m <sup>3</sup>	1	4/29/2014
Chlorobenzene	ND	0.0016		mg/m <sup>3</sup>	1	4/29/2014
Chloroethane	0.0021	0.00090		mg/m <sup>3</sup>	1	4/29/2014
Chloroform	0.11	0.0017		mg/m <sup>3</sup>	1	4/29/2014
Chloromethane	ND	0.0018		mg/m <sup>3</sup>	1	4/29/2014
cis-1,2-Dichloroethene	0.085	0.0014		mg/m <sup>3</sup>	1	4/29/2014
cis-1,3-Dichloropropene	ND	0.0015		mg/m <sup>3</sup>	1	4/29/2014
Cyclohexane	0.0032	0.0012		mg/m <sup>3</sup>	1	4/29/2014
Dibromochloromethane	0.0045	0.0029		mg/m <sup>3</sup>	1	4/29/2014
Dichlorodifluoromethane	0.0019	0.0017		mg/m <sup>3</sup>	1	4/29/2014
Ethyl acetate	ND	0.0012		mg/m <sup>3</sup>	1	4/29/2014

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

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Report Date: May 15, 2014

**ANALYTICAL RESULTS**

Print Date: May 15, 2014

<b>Client:</b> Weston Solutions	<b>Client Sample ID:</b> VC-SB1-SG (6.5-7)-042314
<b>Lab Order:</b> 14041186	<b>Tag Number:</b>
<b>Project:</b> 20405.012.001.2301.00, Vogue Cleaners, Wauwato	<b>Collection Date:</b> 4/23/2014 5:50:00 PM
<b>Lab ID:</b> 14041186-006A	<b>Matrix:</b> Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds in Air by GC/MS</b>		<b>TO-15</b>			Prep Date: 4/28/2014	Analyst: VP
Ethylbenzene	ND	0.0015		mg/m <sup>3</sup>	1	4/29/2014
Freon-113	ND	0.0026		mg/m <sup>3</sup>	1	4/29/2014
Freon-114	ND	0.012		mg/m <sup>3</sup>	1	4/29/2014
Heptane	0.0054	0.0014		mg/m <sup>3</sup>	1	4/29/2014
Hexachlorobutadiene	ND	0.0036		mg/m <sup>3</sup>	1	4/29/2014
Hexane	0.014	0.0030		mg/m <sup>3</sup>	1	4/29/2014
Isopropyl Alcohol	ND	0.0042		mg/m <sup>3</sup>	1	4/29/2014
m,p-Xylene	ND	0.0030		mg/m <sup>3</sup>	1	4/29/2014
Methyl tert-butyl ether	ND	0.0012		mg/m <sup>3</sup>	1	4/29/2014
Methylene chloride	ND	0.012		mg/m <sup>3</sup>	1	4/29/2014
Naphthalene	ND	0.0018		mg/m <sup>3</sup>	1	4/29/2014
o-Xylene	ND	0.0015		mg/m <sup>3</sup>	1	4/29/2014
Propene	0.069	0.0059		mg/m <sup>3</sup>	1	4/29/2014
Styrene	ND	0.0015		mg/m <sup>3</sup>	1	4/29/2014
Tetrachloroethene	2.8	0.060		mg/m <sup>3</sup>	25	4/30/2014
Tetrahydrofuran	ND	0.0025		mg/m <sup>3</sup>	1	4/29/2014
Toluene	0.0074	0.0013		mg/m <sup>3</sup>	1	4/29/2014
trans-1,2-Dichloroethene	0.0057	0.0014		mg/m <sup>3</sup>	1	4/29/2014
trans-1,3-Dichloropropene	ND	0.0015		mg/m <sup>3</sup>	1	4/29/2014
Trichloroethene	0.38	0.0018		mg/m <sup>3</sup>	1	4/29/2014
Trichlorofluoromethane	ND	0.0019		mg/m <sup>3</sup>	1	4/29/2014
Vinyl acetate	ND	0.012		mg/m <sup>3</sup>	1	4/29/2014
Vinyl chloride	0.013	0.00087		mg/m <sup>3</sup>	1	4/29/2014
Xylenes, Total	ND	0.0044		mg/m <sup>3</sup>	1	4/29/2014

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

**STAT Analysis Corporation**

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: May 15, 2014

**ANALYTICAL RESULTS**

Print Date: May 15, 2014

<b>Client:</b>	Weston Solutions	<b>Client Sample ID:</b>	VC-SB5-SG (5-6)-042414
<b>Lab Order:</b>	14041186	<b>Tag Number:</b>	
<b>Project:</b>	20405.012.001.2301.00, Vogue Cleaners, Wauwato Collection Date 4/24/2014 9:10:00 AM		
<b>Lab ID:</b>	14041186-007A	<b>Matrix:</b>	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds in Air by GC/MS	TO-15			Prep Date: 4/28/2014	Analyst: VP	
1,1,1-Trichloroethane	ND	0.0017		mg/m <sup>3</sup>	1	4/30/2014
1,1,2,2-Tetrachloroethane	ND	0.0022		mg/m <sup>3</sup>	1	4/30/2014
1,1,2-Trichloroethane	ND	0.0017		mg/m <sup>3</sup>	1	4/30/2014
1,1-Dichloroethane	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
1,1-Dichloroethene	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
1,2,4-Trichlorobenzene	ND	0.0023		mg/m <sup>3</sup>	1	4/30/2014
1,2,4-Trimethylbenzene	ND	0.0015		mg/m <sup>3</sup>	1	4/30/2014
1,2-Dibromoethane	ND	0.0024		mg/m <sup>3</sup>	1	4/30/2014
1,2-Dichlorobenzene	ND	0.0019		mg/m <sup>3</sup>	1	4/30/2014
1,2-Dichloroethane	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
1,2-Dichloropropane	ND	0.0015		mg/m <sup>3</sup>	1	4/30/2014
1,3,5-Trimethylbenzene	ND	0.0015		mg/m <sup>3</sup>	1	4/30/2014
1,3-Butadiene	0.00080	0.00070		mg/m <sup>3</sup>	1	4/30/2014
1,3-Dichlorobenzene	ND	0.0019		mg/m <sup>3</sup>	1	4/30/2014
1,4-Dichlorobenzene	ND	0.0019		mg/m <sup>3</sup>	1	4/30/2014
1,4-Dioxane	ND	0.0028		mg/m <sup>3</sup>	1	4/30/2014
2-Butanone	0.0052	0.0023		mg/m <sup>3</sup>	1	4/30/2014
2-Hexanone	ND	0.0065		mg/m <sup>3</sup>	1	4/30/2014
4-Ethyltoluene	ND	0.0015		mg/m <sup>3</sup>	1	4/30/2014
4-Methyl-2-pentanone	ND	0.0065		mg/m <sup>3</sup>	1	4/30/2014
Acetone	0.030	0.0075	*	mg/m <sup>3</sup>	1	4/30/2014
Benzene	0.0026	0.0010		mg/m <sup>3</sup>	1	4/30/2014
Benzyl chloride	ND	0.0041		mg/m <sup>3</sup>	1	4/30/2014
Bromodichloromethane	0.028	0.0021		mg/m <sup>3</sup>	1	4/30/2014
Bromoform	ND	0.0081		mg/m <sup>3</sup>	1	4/30/2014
Bromomethane	ND	0.0031		mg/m <sup>3</sup>	1	4/30/2014
Carbon disulfide	0.0047	0.00098		mg/m <sup>3</sup>	1	4/30/2014
Carbon tetrachloride	ND	0.0020		mg/m <sup>3</sup>	1	4/30/2014
Chlorobenzene	ND	0.0015		mg/m <sup>3</sup>	1	4/30/2014
Chloroethane	ND	0.00083		mg/m <sup>3</sup>	1	4/30/2014
Chloroform	0.12	0.0015		mg/m <sup>3</sup>	1	4/30/2014
Chloromethane	ND	0.0016		mg/m <sup>3</sup>	1	4/30/2014
cis-1,2-Dichloroethene	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
cis-1,3-Dichloropropene	ND	0.0014		mg/m <sup>3</sup>	1	4/30/2014
Cyclohexane	0.0020	0.0011		mg/m <sup>3</sup>	1	4/30/2014
Dibromochloromethane	0.0050	0.0027		mg/m <sup>3</sup>	1	4/30/2014
Dichlorodifluoromethane	0.0020	0.0016		mg/m <sup>3</sup>	1	4/30/2014
Ethyl acetate	ND	0.0011		mg/m <sup>3</sup>	1	4/30/2014

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

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Report Date: May 15, 2014

**ANALYTICAL RESULTS**

Print Date: May 15, 2014

Client: Weston Solutions

Client Sample ID: VC-SB5-SG (5-6)-042414

Lab Order: 14041186

Tag Number:

Project: 20405.012.001.2301.00, Vogue Cleaners, Wauwato Collection Date 4/24/2014 9:10:00 AM

Lab ID: 14041186-007A

Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds in Air by GC/MS	TO-15				Prep Date: 4/28/2014	Analyst: VP
Ethylbenzene	0.0018	0.0014		mg/m <sup>3</sup>	1	4/30/2014
Freon-113	ND	0.0024		mg/m <sup>3</sup>	1	4/30/2014
Freon-114	ND	0.011		mg/m <sup>3</sup>	1	4/30/2014
Heptane	0.0091	0.0013		mg/m <sup>3</sup>	1	4/30/2014
Hexachlorobutadiene	ND	0.0034		mg/m <sup>3</sup>	1	4/30/2014
Hexane	0.014	0.0028		mg/m <sup>3</sup>	1	4/30/2014
Isopropyl Alcohol	ND	0.0039		mg/m <sup>3</sup>	1	4/30/2014
m,p-Xylene	0.0051	0.0027		mg/m <sup>3</sup>	1	4/30/2014
Methyl tert-butyl ether	ND	0.0011		mg/m <sup>3</sup>	1	4/30/2014
Methylene chloride	ND	0.011		mg/m <sup>3</sup>	1	4/30/2014
Naphthalene	ND	0.0017		mg/m <sup>3</sup>	1	4/30/2014
o-Xylene	0.0016	0.0014		mg/m <sup>3</sup>	1	4/30/2014
Propene	0.016	0.0054		mg/m <sup>3</sup>	1	4/30/2014
Styrene	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
Tetrachloroethene	0.054	0.0021		mg/m <sup>3</sup>	1	4/30/2014
Tetrahydrofuran	ND	0.0023		mg/m <sup>3</sup>	1	4/30/2014
Toluene	0.016	0.0012		mg/m <sup>3</sup>	1	4/30/2014
trans-1,2-Dichloroethene	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
trans-1,3-Dichloropropene	ND	0.0014		mg/m <sup>3</sup>	1	4/30/2014
Trichloroethene	ND	0.0017		mg/m <sup>3</sup>	1	4/30/2014
Trichlorofluoromethane	ND	0.0018		mg/m <sup>3</sup>	1	4/30/2014
Vinyl acetate	ND	0.011		mg/m <sup>3</sup>	1	4/30/2014
Vinyl chloride	ND	0.00081		mg/m <sup>3</sup>	1	4/30/2014
Xylenes, Total	0.0066	0.0041		mg/m <sup>3</sup>	1	4/30/2014

**Qualifiers:**

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: May 15, 2014

**ANALYTICAL RESULTS**

Print Date: May 15, 2014

Client: Weston Solutions

Client Sample ID: VC-SB4-SG (6.5-7.5)-042414

Lab Order: 14041186

Tag Number:

Project: 20405.012.001.2301.00, Vogue Cleaners, Wauwato Collection Date 4/24/2014 1:00:00 PM

Lab ID: 14041186-008A

Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds in Air by GC/MS	TO-15				Prep Date: 4/28/2014	Analyst: VP
1,1,1-Trichloroethane	ND	0.0017		mg/m <sup>3</sup>	1	4/30/2014
1,1,2,2-Tetrachloroethane	ND	0.0022		mg/m <sup>3</sup>	1	4/30/2014
1,1,2-Trichloroethane	ND	0.0017		mg/m <sup>3</sup>	1	4/30/2014
1,1-Dichloroethane	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
1,1-Dichloroethene	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
1,2,4-Trichlorobenzene	ND	0.0024		mg/m <sup>3</sup>	1	4/30/2014
1,2,4-Trimethylbenzene	ND	0.0016		mg/m <sup>3</sup>	1	4/30/2014
1,2-Dibromoethane	ND	0.0025		mg/m <sup>3</sup>	1	4/30/2014
1,2-Dichlorobenzene	ND	0.0019		mg/m <sup>3</sup>	1	4/30/2014
1,2-Dichloroethane	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
1,2-Dichloropropane	ND	0.0015		mg/m <sup>3</sup>	1	4/30/2014
1,3,5-Trimethylbenzene	ND	0.0016		mg/m <sup>3</sup>	1	4/30/2014
1,3-Butadiene	ND	0.00071		mg/m <sup>3</sup>	1	4/30/2014
1,3-Dichlorobenzene	ND	0.0019		mg/m <sup>3</sup>	1	4/30/2014
1,4-Dichlorobenzene	ND	0.0019		mg/m <sup>3</sup>	1	4/30/2014
1,4-Dioxane	ND	0.0029		mg/m <sup>3</sup>	1	4/30/2014
2-Butanone	ND	0.0024		mg/m <sup>3</sup>	1	4/30/2014
2-Hexanone	ND	0.0065		mg/m <sup>3</sup>	1	4/30/2014
4-Ethyltoluene	ND	0.0016		mg/m <sup>3</sup>	1	4/30/2014
4-Methyl-2-pentanone	ND	0.0065		mg/m <sup>3</sup>	1	4/30/2014
Acetone	0.012	0.0076	*	mg/m <sup>3</sup>	1	4/30/2014
Benzene	ND	0.0010		mg/m <sup>3</sup>	1	4/30/2014
Benzyl chloride	ND	0.0041		mg/m <sup>3</sup>	1	4/30/2014
Bromodichloromethane	ND	0.0021		mg/m <sup>3</sup>	1	4/30/2014
Bromoform	ND	0.0083		mg/m <sup>3</sup>	1	4/30/2014
Bromomethane	ND	0.0031		mg/m <sup>3</sup>	1	4/30/2014
Carbon disulfide	ND	0.0010		mg/m <sup>3</sup>	1	4/30/2014
Carbon tetrachloride	ND	0.0020		mg/m <sup>3</sup>	1	4/30/2014
Chlorobenzene	ND	0.0015		mg/m <sup>3</sup>	1	4/30/2014
Chloroethane	ND	0.00084		mg/m <sup>3</sup>	1	4/30/2014
Chloroform	ND	0.0016		mg/m <sup>3</sup>	1	4/30/2014
Chloromethane	ND	0.0017		mg/m <sup>3</sup>	1	4/30/2014
cis-1,2-Dichloroethene	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
cis-1,3-Dichloropropene	ND	0.0015		mg/m <sup>3</sup>	1	4/30/2014
Cyclohexane	ND	0.0011		mg/m <sup>3</sup>	1	4/30/2014
Dibromochloromethane	ND	0.0027		mg/m <sup>3</sup>	1	4/30/2014
Dichlorodifluoromethane	0.0021	0.0016		mg/m <sup>3</sup>	1	4/30/2014
Ethyl acetate	ND	0.0012		mg/m <sup>3</sup>	1	4/30/2014

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter  
 RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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Report Date: May 15, 2014

**ANALYTICAL RESULTS**

Print Date: May 15, 2014

Client: Weston Solutions

Client Sample ID: VC-SB4-SG (6.5-7.5)-042414

Lab Order: 14041186

Tag Number:

Project: 20405.012.001.2301.00, Vogue Cleaners, Wauwato Collection Date 4/24/2014 1:00:00 PM

Lab ID: 14041186-008A

Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds in Air by GC/MS	TO-15				Prep Date: 4/28/2014	Analyst: VP
Ethylbenzene	ND	0.0014		mg/m <sup>3</sup>	1	4/30/2014
Freon-113	ND	0.0024		mg/m <sup>3</sup>	1	4/30/2014
Freon-114	ND	0.011		mg/m <sup>3</sup>	1	4/30/2014
Heptane	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
Hexachlorobutadiene	ND	0.0034		mg/m <sup>3</sup>	1	4/30/2014
Hexane	ND	0.0028		mg/m <sup>3</sup>	1	4/30/2014
Isopropyl Alcohol	ND	0.0039		mg/m <sup>3</sup>	1	4/30/2014
m,p-Xylene	ND	0.0028		mg/m <sup>3</sup>	1	4/30/2014
Methyl tert-butyl ether	ND	0.0012		mg/m <sup>3</sup>	1	4/30/2014
Methylene chloride	ND	0.011		mg/m <sup>3</sup>	1	4/30/2014
Naphthalene	ND	0.0017		mg/m <sup>3</sup>	1	4/30/2014
o-Xylene	ND	0.0014		mg/m <sup>3</sup>	1	4/30/2014
Propene	ND	0.0055		mg/m <sup>3</sup>	1	4/30/2014
Styrene	ND	0.0014		mg/m <sup>3</sup>	1	4/30/2014
Tetrachloroethene	ND	0.0022		mg/m <sup>3</sup>	1	4/30/2014
Tetrahydrofuran	ND	0.0024		mg/m <sup>3</sup>	1	4/30/2014
Toluene	ND	0.0012		mg/m <sup>3</sup>	1	4/30/2014
trans-1,2-Dichloroethene	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
trans-1,3-Dichloropropene	ND	0.0015		mg/m <sup>3</sup>	1	4/30/2014
Trichloroethene	ND	0.0017		mg/m <sup>3</sup>	1	4/30/2014
Trichlorofluoromethane	ND	0.0018		mg/m <sup>3</sup>	1	4/30/2014
Vinyl acetate	ND	0.011		mg/m <sup>3</sup>	1	4/30/2014
Vinyl chloride	ND	0.00082		mg/m <sup>3</sup>	1	4/30/2014
Xylenes, Total	ND	0.0042		mg/m <sup>3</sup>	1	4/30/2014

**Qualifiers:**

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: May 15, 2014

**ANALYTICAL RESULTS**

Print Date: May 15, 2014

Client: Weston Solutions

Client Sample ID: VC-SB9-SG (6.5-7.5)-042414

Lab Order: 14041186

Tag Number:

Project: 20405.012.001.2301.00, Vogue Cleaners, Wauwato Collection Date 4/24/2014 2:30:00 PM

Lab ID: 14041186-009A

Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds in Air by GC/MS</b>		<b>TO-15</b>			Prep Date: 4/28/2014	Analyst: VP
1,1,1-Trichloroethane	ND	0.0018		mg/m <sup>3</sup>	1	4/30/2014
1,1,2,2-Tetrachloroethane	ND	0.0022		mg/m <sup>3</sup>	1	4/30/2014
1,1,2-Trichloroethane	ND	0.0018		mg/m <sup>3</sup>	1	4/30/2014
1,1-Dichloroethane	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
1,1-Dichloroethene	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
1,2,4-Trichlorobenzene	ND	0.0024		mg/m <sup>3</sup>	1	4/30/2014
1,2,4-Trimethylbenzene	ND	0.0016		mg/m <sup>3</sup>	1	4/30/2014
1,2-Dibromoethane	ND	0.0025		mg/m <sup>3</sup>	1	4/30/2014
1,2-Dichlorobenzene	ND	0.0020		mg/m <sup>3</sup>	1	4/30/2014
1,2-Dichloroethane	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
1,2-Dichloropropane	ND	0.0015		mg/m <sup>3</sup>	1	4/30/2014
1,3,5-Trimethylbenzene	ND	0.0016		mg/m <sup>3</sup>	1	4/30/2014
1,3-Butadiene	ND	0.00073		mg/m <sup>3</sup>	1	4/30/2014
1,3-Dichlorobenzene	ND	0.0020		mg/m <sup>3</sup>	1	4/30/2014
1,4-Dichlorobenzene	ND	0.0020		mg/m <sup>3</sup>	1	4/30/2014
1,4-Dioxane	ND	0.0030		mg/m <sup>3</sup>	1	4/30/2014
2-Butanone	ND	0.0024		mg/m <sup>3</sup>	1	4/30/2014
2-Hexanone	ND	0.0067		mg/m <sup>3</sup>	1	4/30/2014
4-Ethyltoluene	ND	0.0016		mg/m <sup>3</sup>	1	4/30/2014
4-Methyl-2-pentanone	ND	0.0067		mg/m <sup>3</sup>	1	4/30/2014
Acetone	0.011	0.0078	*	mg/m <sup>3</sup>	1	4/30/2014
Benzene	ND	0.0010		mg/m <sup>3</sup>	1	4/30/2014
Benzyl chloride	ND	0.0042		mg/m <sup>3</sup>	1	4/30/2014
Bromodichloromethane	ND	0.0022		mg/m <sup>3</sup>	1	4/30/2014
Bromoform	ND	0.0085		mg/m <sup>3</sup>	1	4/30/2014
Bromomethane	ND	0.0032		mg/m <sup>3</sup>	1	4/30/2014
Carbon disulfide	ND	0.0010		mg/m <sup>3</sup>	1	4/30/2014
Carbon tetrachloride	ND	0.0021		mg/m <sup>3</sup>	1	4/30/2014
Chlorobenzene	ND	0.0015		mg/m <sup>3</sup>	1	4/30/2014
Chloroethane	ND	0.00086		mg/m <sup>3</sup>	1	4/30/2014
Chloroform	0.0035	0.0016		mg/m <sup>3</sup>	1	4/30/2014
Chloromethane	ND	0.0017		mg/m <sup>3</sup>	1	4/30/2014
cis-1,2-Dichloroethene	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
cis-1,3-Dichloropropene	ND	0.0015		mg/m <sup>3</sup>	1	4/30/2014
Cyclohexane	ND	0.0011		mg/m <sup>3</sup>	1	4/30/2014
Dibromochloromethane	ND	0.0028		mg/m <sup>3</sup>	1	4/30/2014
Dichlorodifluoromethane	0.0022	0.0016		mg/m <sup>3</sup>	1	4/30/2014
Ethyl acetate	ND	0.0012		mg/m <sup>3</sup>	1	4/30/2014

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded



**STAT Analysis Corporation**

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Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: May 15, 2014

**ANALYTICAL RESULTS**

Print Date: May 15, 2014

Client: Weston Solutions

Client Sample ID: VC-SB9-SG (6.5-7.5)-042414

Lab Order: 14041186

Tag Number:

Project: 20405.012.001.2301.00, Vogue Cleaners, Wauwato Collection Date 4/24/2014 2:30:00 PM

Lab ID: 14041186-009A

Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds in Air by GC/MS	TO-15				Prep Date: 4/28/2014	Analyst: VP
Ethylbenzene	ND	0.0014		mg/m <sup>3</sup>	1	4/30/2014
Freon-113	ND	0.0025		mg/m <sup>3</sup>	1	4/30/2014
Freon-114	ND	0.011		mg/m <sup>3</sup>	1	4/30/2014
Heptane	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
Hexachlorobutadiene	ND	0.0035		mg/m <sup>3</sup>	1	4/30/2014
Hexane	ND	0.0029		mg/m <sup>3</sup>	1	4/30/2014
Isopropyl Alcohol	0.0042	0.0040		mg/m <sup>3</sup>	1	4/30/2014
m,p-Xylene	ND	0.0028		mg/m <sup>3</sup>	1	4/30/2014
Methyl tert-butyl ether	ND	0.0012		mg/m <sup>3</sup>	1	4/30/2014
Methylene chloride	ND	0.011		mg/m <sup>3</sup>	1	4/30/2014
Naphthalene	ND	0.0017		mg/m <sup>3</sup>	1	4/30/2014
o-Xylene	ND	0.0014		mg/m <sup>3</sup>	1	4/30/2014
Propene	ND	0.0056		mg/m <sup>3</sup>	1	4/30/2014
Styrene	ND	0.0014		mg/m <sup>3</sup>	1	4/30/2014
Tetrachloroethene	ND	0.0022		mg/m <sup>3</sup>	1	4/30/2014
Tetrahydrofuran	ND	0.0024		mg/m <sup>3</sup>	1	4/30/2014
Toluene	0.0015	0.0012		mg/m <sup>3</sup>	1	4/30/2014
trans-1,2-Dichloroethene	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
trans-1,3-Dichloropropene	ND	0.0015		mg/m <sup>3</sup>	1	4/30/2014
Trichloroethene	ND	0.0018		mg/m <sup>3</sup>	1	4/30/2014
Trichlorofluoromethane	ND	0.0018		mg/m <sup>3</sup>	1	4/30/2014
Vinyl acetate	ND	0.012		mg/m <sup>3</sup>	1	4/30/2014
Vinyl chloride	ND	0.00084		mg/m <sup>3</sup>	1	4/30/2014
Xylenes, Total	ND	0.0043		mg/m <sup>3</sup>	1	4/30/2014

**Qualifiers:**

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Accreditation Numbers:IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: May 15, 2014

**ANALYTICAL RESULTS**

Print Date: May 15, 2014

Client: Weston Solutions

Client Sample ID: VC-SB6-SG (6.5-7.5)-042414

Lab Order: 14041186

Tag Number:

Project: 20405.012.001.2301.00, Vogue Cleaners, Wauwato Collection Date 4/24/2014 11:15:00 AM

Lab ID: 14041186-010A

Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds in Air by GC/MS	TO-15			Prep Date: 4/28/2014	Analyst: VP	
1,1,1-Trichloroethane	ND	0.0018		mg/m <sup>3</sup>	1	4/30/2014
1,1,2,2-Tetrachloroethane	ND	0.0023		mg/m <sup>3</sup>	1	4/30/2014
1,1,2-Trichloroethane	ND	0.0018		mg/m <sup>3</sup>	1	4/30/2014
1,1-Dichloroethane	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
1,1-Dichloroethene	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
1,2,4-Trichlorobenzene	ND	0.0025		mg/m <sup>3</sup>	1	4/30/2014
1,2,4-Trimethylbenzene	ND	0.0016		mg/m <sup>3</sup>	1	4/30/2014
1,2-Dibromoethane	ND	0.0026		mg/m <sup>3</sup>	1	4/30/2014
1,2-Dichlorobenzene	ND	0.0020		mg/m <sup>3</sup>	1	4/30/2014
1,2-Dichloroethane	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
1,2-Dichloropropane	ND	0.0015		mg/m <sup>3</sup>	1	4/30/2014
1,3,5-Trimethylbenzene	ND	0.0016		mg/m <sup>3</sup>	1	4/30/2014
1,3-Butadiene	0.0012	0.00074		mg/m <sup>3</sup>	1	4/30/2014
1,3-Dichlorobenzene	ND	0.0020		mg/m <sup>3</sup>	1	4/30/2014
1,4-Dichlorobenzene	ND	0.0020		mg/m <sup>3</sup>	1	4/30/2014
1,4-Dioxane	ND	0.0030		mg/m <sup>3</sup>	1	4/30/2014
2-Butanone	ND	0.0025		mg/m <sup>3</sup>	1	4/30/2014
2-Hexanone	ND	0.0068		mg/m <sup>3</sup>	1	4/30/2014
4-Ethyltoluene	ND	0.0016		mg/m <sup>3</sup>	1	4/30/2014
4-Methyl-2-pentanone	ND	0.0068		mg/m <sup>3</sup>	1	4/30/2014
Acetone	0.013	0.0079	*	mg/m <sup>3</sup>	1	4/30/2014
Benzene	ND	0.0011		mg/m <sup>3</sup>	1	4/30/2014
Benzyl chloride	ND	0.0043		mg/m <sup>3</sup>	1	4/30/2014
Bromodichloromethane	ND	0.0022		mg/m <sup>3</sup>	1	4/30/2014
Bromoform	ND	0.0086		mg/m <sup>3</sup>	1	4/30/2014
Bromomethane	ND	0.0032		mg/m <sup>3</sup>	1	4/30/2014
Carbon disulfide	0.0036	0.0010		mg/m <sup>3</sup>	1	4/30/2014
Carbon tetrachloride	ND	0.0021		mg/m <sup>3</sup>	1	4/30/2014
Chlorobenzene	ND	0.0015		mg/m <sup>3</sup>	1	4/30/2014
Chloroethane	ND	0.00088		mg/m <sup>3</sup>	1	4/30/2014
Chloroform	ND	0.0016		mg/m <sup>3</sup>	1	4/30/2014
Chloromethane	ND	0.0017		mg/m <sup>3</sup>	1	4/30/2014
cis-1,2-Dichloroethene	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
cis-1,3-Dichloropropene	ND	0.0015		mg/m <sup>3</sup>	1	4/30/2014
Cyclohexane	0.0012	0.0011		mg/m <sup>3</sup>	1	4/30/2014
Dibromochloromethane	ND	0.0028		mg/m <sup>3</sup>	1	4/30/2014
Dichlorodifluoromethane	0.0019	0.0016		mg/m <sup>3</sup>	1	4/30/2014
Ethyl acetate	ND	0.0012		mg/m <sup>3</sup>	1	4/30/2014

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: May 15, 2014

**ANALYTICAL RESULTS**

Print Date: May 15, 2014

Client: Weston Solutions

Client Sample ID: VC-SB6-SG (6.5-7.5)-042414

Lab Order: 14041186

Tag Number:

Project: 20405.012.001.2301.00, Vogue Cleaners, Wauwato Collection Date 4/24/2014 11:15:00 AM

Lab ID: 14041186-010A

Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds in Air by GC/MS</b>						
						Prep Date: 4/28/2014 Analyst: VP
Ethylbenzene	ND	0.0014		mg/m <sup>3</sup>	1	4/30/2014
Freon-113	ND	0.0025		mg/m <sup>3</sup>	1	4/30/2014
Freon-114	ND	0.012		mg/m <sup>3</sup>	1	4/30/2014
Heptane	0.0022	0.0014		mg/m <sup>3</sup>	1	4/30/2014
Hexachlorobutadiene	ND	0.0035		mg/m <sup>3</sup>	1	4/30/2014
Hexane	0.0055	0.0029		mg/m <sup>3</sup>	1	4/30/2014
Isopropyl Alcohol	ND	0.0041		mg/m <sup>3</sup>	1	4/30/2014
m,p-Xylene	ND	0.0029		mg/m <sup>3</sup>	1	4/30/2014
Methyl tert-butyl ether	ND	0.0012		mg/m <sup>3</sup>	1	4/30/2014
Methylene chloride	ND	0.012		mg/m <sup>3</sup>	1	4/30/2014
Naphthalene	ND	0.0017		mg/m <sup>3</sup>	1	4/30/2014
o-Xylene	ND	0.0014		mg/m <sup>3</sup>	1	4/30/2014
Propene	0.034	0.0057		mg/m <sup>3</sup>	1	4/30/2014
Styrene	ND	0.0014		mg/m <sup>3</sup>	1	4/30/2014
Tetrachloroethene	0.026	0.0023		mg/m <sup>3</sup>	1	4/30/2014
Tetrahydrofuran	ND	0.0025		mg/m <sup>3</sup>	1	4/30/2014
Toluene	0.0014	0.0013		mg/m <sup>3</sup>	1	4/30/2014
trans-1,2-Dichloroethene	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
trans-1,3-Dichloropropene	ND	0.0015		mg/m <sup>3</sup>	1	4/30/2014
Trichloroethene	ND	0.0018		mg/m <sup>3</sup>	1	4/30/2014
Trichlorofluoromethane	ND	0.0019		mg/m <sup>3</sup>	1	4/30/2014
Vinyl acetate	ND	0.012		mg/m <sup>3</sup>	1	4/30/2014
Vinyl chloride	ND	0.00085		mg/m <sup>3</sup>	1	4/30/2014
Xylenes, Total	ND	0.0043		mg/m <sup>3</sup>	1	4/30/2014

**Qualifiers:**

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: May 15, 2014

**ANALYTICAL RESULTS**

Print Date: May 15, 2014

Client: Weston Solutions

Client Sample ID: VC-SB7-SG (4-5)-042514

Lab Order: 14041186

Tag Number:

Project: 20405.012.001.2301.00, Vogue Cleaners, Wauwato Collection Date 4/24/2014 11:00:00 AM

Lab ID: 14041186-011A

Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds in Air by GC/MS</b>						
						Prep Date: 4/28/2014 Analyst: VP
1,1,1-Trichloroethane	ND	0.0017		mg/m <sup>3</sup>	1	4/30/2014
1,1,2,2-Tetrachloroethane	ND	0.0021		mg/m <sup>3</sup>	1	4/30/2014
1,1,2-Trichloroethane	ND	0.0017		mg/m <sup>3</sup>	1	4/30/2014
1,1-Dichloroethane	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
1,1-Dichloroethene	ND	0.0012		mg/m <sup>3</sup>	1	4/30/2014
1,2,4-Trichlorobenzene	ND	0.0023		mg/m <sup>3</sup>	1	4/30/2014
1,2,4-Trimethylbenzene	ND	0.0015		mg/m <sup>3</sup>	1	4/30/2014
1,2-Dibromoethane	ND	0.0024		mg/m <sup>3</sup>	1	4/30/2014
1,2-Dichlorobenzene	ND	0.0019		mg/m <sup>3</sup>	1	4/30/2014
1,2-Dichloroethane	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
1,2-Dichloropropane	ND	0.0014		mg/m <sup>3</sup>	1	4/30/2014
1,3,5-Trimethylbenzene	ND	0.0015		mg/m <sup>3</sup>	1	4/30/2014
1,3-Butadiene	ND	0.00069		mg/m <sup>3</sup>	1	4/30/2014
1,3-Dichlorobenzene	ND	0.0019		mg/m <sup>3</sup>	1	4/30/2014
1,4-Dichlorobenzene	ND	0.0019		mg/m <sup>3</sup>	1	4/30/2014
1,4-Dioxane	ND	0.0028		mg/m <sup>3</sup>	1	4/30/2014
2-Butanone	ND	0.0023		mg/m <sup>3</sup>	1	4/30/2014
2-Hexanone	ND	0.0064		mg/m <sup>3</sup>	1	4/30/2014
4-Ethyltoluene	ND	0.0015		mg/m <sup>3</sup>	1	4/30/2014
4-Methyl-2-pentanone	ND	0.0064		mg/m <sup>3</sup>	1	4/30/2014
Acetone	0.018	0.0074	*	mg/m <sup>3</sup>	1	4/30/2014
Benzene	ND	0.0010		mg/m <sup>3</sup>	1	4/30/2014
Benzyl chloride	ND	0.0040		mg/m <sup>3</sup>	1	4/30/2014
Bromodichloromethane	ND	0.0021		mg/m <sup>3</sup>	1	4/30/2014
Bromoform	ND	0.0081		mg/m <sup>3</sup>	1	4/30/2014
Bromomethane	ND	0.0030		mg/m <sup>3</sup>	1	4/30/2014
Carbon disulfide	0.0012	0.00097		mg/m <sup>3</sup>	1	4/30/2014
Carbon tetrachloride	ND	0.0020		mg/m <sup>3</sup>	1	4/30/2014
Chlorobenzene	ND	0.0014		mg/m <sup>3</sup>	1	4/30/2014
Chloroethane	ND	0.00083		mg/m <sup>3</sup>	1	4/30/2014
Chloroform	0.0015	0.0015		mg/m <sup>3</sup>	1	4/30/2014
Chloromethane	ND	0.0016		mg/m <sup>3</sup>	1	4/30/2014
cis-1,2-Dichloroethene	ND	0.0012		mg/m <sup>3</sup>	1	4/30/2014
cis-1,3-Dichloropropene	ND	0.0014		mg/m <sup>3</sup>	1	4/30/2014
Cyclohexane	ND	0.0011		mg/m <sup>3</sup>	1	4/30/2014
Dibromochloromethane	ND	0.0027		mg/m <sup>3</sup>	1	4/30/2014
Dichlorodifluoromethane	0.0021	0.0015		mg/m <sup>3</sup>	1	4/30/2014
Ethyl acetate	ND	0.0011		mg/m <sup>3</sup>	1	4/30/2014

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: May 15, 2014

**ANALYTICAL RESULTS**

Print Date: May 15, 2014

Client: Weston Solutions

Client Sample ID: VC-SB7-SG (4-5)-042514

Lab Order: 14041186

Tag Number:

Project: 20405.012.001.2301.00, Vogue Cleaners, Wauwato Collection Date 4/24/2014 11:00:00 AM

Lab ID: 14041186-011A

Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds in Air by GC/MS	TO-15				Prep Date: 4/28/2014	Analyst: VP
Ethylbenzene	ND	0.0014		mg/m <sup>3</sup>	1	4/30/2014
Freon-113	ND	0.0024		mg/m <sup>3</sup>	1	4/30/2014
Freon-114	ND	0.011		mg/m <sup>3</sup>	1	4/30/2014
Heptane	0.0015	0.0013		mg/m <sup>3</sup>	1	4/30/2014
Hexachlorobutadiene	ND	0.0033		mg/m <sup>3</sup>	1	4/30/2014
Hexane	0.0045	0.0028		mg/m <sup>3</sup>	1	4/30/2014
Isopropyl Alcohol	0.014	0.0038		mg/m <sup>3</sup>	1	4/30/2014
m,p-Xylene	ND	0.0027		mg/m <sup>3</sup>	1	4/30/2014
Methyl tert-butyl ether	ND	0.0011		mg/m <sup>3</sup>	1	4/30/2014
Methylene chloride	0.014	0.011		mg/m <sup>3</sup>	1	4/30/2014
Naphthalene	ND	0.0016		mg/m <sup>3</sup>	1	4/30/2014
o-Xylene	ND	0.0014		mg/m <sup>3</sup>	1	4/30/2014
Propene	0.0059	0.0054		mg/m <sup>3</sup>	1	4/30/2014
Styrene	ND	0.0013		mg/m <sup>3</sup>	1	4/30/2014
Tetrachloroethene	ND	0.0021		mg/m <sup>3</sup>	1	4/30/2014
Tetrahydrofuran	ND	0.0023		mg/m <sup>3</sup>	1	4/30/2014
Toluene	0.0023	0.0012		mg/m <sup>3</sup>	1	4/30/2014
trans-1,2-Dichloroethene	ND	0.0012		mg/m <sup>3</sup>	1	4/30/2014
trans-1,3-Dichloropropene	ND	0.0014		mg/m <sup>3</sup>	1	4/30/2014
Trichloroethene	ND	0.0017		mg/m <sup>3</sup>	1	4/30/2014
Trichlorofluoromethane	ND	0.0018		mg/m <sup>3</sup>	1	4/30/2014
Vinyl acetate	ND	0.011		mg/m <sup>3</sup>	1	4/30/2014
Vinyl chloride	ND	0.00080		mg/m <sup>3</sup>	1	4/30/2014
Xylenes, Total	ND	0.0041		mg/m <sup>3</sup>	1	4/30/2014

**Qualifiers:**

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded



# Analysis Corporation

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e-mail address: STATinfo@STATAnalysis.com AIHA, NVLAP and NELAP accredited

## CHAIN OF CUSTODY RECORD

# N<sup>o</sup>: 853925

Page: of

Company: <u>Weston Solutions</u> 01.00								P.O. No.:	
Project Number: <u>20405.012.001.23</u> Client Tracking No.:								<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">82608 10-15</p> <p style="text-align: center;">VOC's VOC's</p> </div>	
Project Name: <u>Vogue Cleaners</u>									
Project Location: <u>Wauwatosa, WI</u>									
Sampler(s): <u>B. Johnson; Tim Papan</u>									
Report To: <u>Lisa Graczyk</u> Phone: <u>312-424-3339</u>									
QC Level: 1 2 3 4 e-mail: <u>lgraczyk@ss-dynamics.com</u>								Quote No.:	
Client Sample Number/Description:								Turn Around: <u>Standard</u>	
Date Taken								Results Needed:	
Time Taken								am/pm	
Matrix								Remarks	
Comp.								Lab No.:	
Grab									
Preserv.									
No. of Containers									
<u>VC-SB2-GW(12-14)-042214 4/22/14 1155 W X E 3 X</u> <u>VC-SB7-GW(4-5)-042414 4/24/14 1030 W X E 3 X</u> <u>VC-SB2-SG(4-4.5)-042314 4/23/14 1110 Air X A 1 X</u> <u>VC-SB2-SG(10-10.5)-042314 4/23/14 1550 X</u> <u>VC-SB3-SG(6.5-7)-042314 4/23/14 1655 X</u> <u>VC-SB1-SG(6.5-7)-042314 4/23/14 1750 X</u> <u>VC-SB5-SG(5-6)-042414 4/24/14 0910 X</u> <u>VC-SB4-SG(6.5-7.5)-042414 4/24 1300 X</u> <u>VC-SB9-SG(6.5-7.5)-042414 4/24 1430 X</u> <u>VC-SB6-SG(6.5-7.5)-042414 4/24/14 1115 X</u> <u>VC-SB7-SG(4-5)-042514 4/25/14 1100 X</u> <u>Trip Blank</u>									
Relinquished by: (Signature) <u>Brenna Johnson</u> Date/Time: <u>4/24/14 0900</u>								Laboratory Work Order No.:	
Received by: (Signature) <u>[Signature]</u> Date/Time: <u>4/26/14 9:00</u>								<u>14041186</u>	
Relinquished by: (Signature) Date/Time:								Received on Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Received by: (Signature) Date/Time:								Temperature: <u>2.1</u> °C	
Relinquished by: (Signature) Date/Time:								Preservation Code: A = None B = HNO <sub>3</sub> C = NaOH	
Received by: (Signature) Date/Time:								D = H <sub>2</sub> SO <sub>4</sub> E = HCl F = 5035/EnCore G = Other	

Sample Receipt Checklist

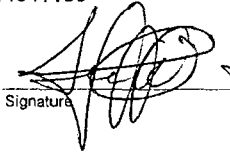
Client Name WESTON CHICAGO

Date and Time Received: 4/26/2014 9:00:00 AM

Work Order Number 14041186

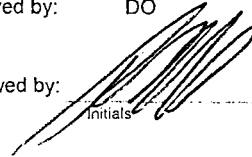
Received by: DO

Checklist completed by:

  
Signature

4/26/14  
Date

Reviewed by:

  
Initials

5/7/14  
Date

Matrix: Carrier name Client Delivered

- Shipping container/cooler in good condition? Yes  No  Not Present
- Custody seals intact on shipping container/cooler? Yes  No  Not Present
- Custody seals intact on sample bottles? Yes  No  Not Present
- Chain of custody present? Yes  No
- Chain of custody signed when relinquished and received? Yes  No
- Chain of custody agrees with sample labels/containers? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container or Temp Blank temperature in compliance? Yes  No  Temperature 2.1 °C
- Water - VOA vials have zero headspace? No VOA vials submitted  Yes  No
- Water - Samples pH checked? Yes  No  Checked by: \_\_\_\_\_
- Water - Samples properly preserved? Yes  No  pH Adjusted? \_\_\_\_\_

Any No response must be detailed in the comments section below.

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Client / Person contacted: \_\_\_\_\_ Date contacted: \_\_\_\_\_ Contacted by: \_\_\_\_\_

Response: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**CLIENT:** Weston Solutions  
**Work Order:** 14041186  
**Project:** 20405.012.001.2301.00, Vogue Cleaners, Wauwatos:  
**Test No:** SW8260B **Matrix:** W

**QC SUMMARY REPORT  
 SURROGATE RECOVERIES**

Sample ID	BR4FBZ	BZMED8	DBFM	DCA12D4				
VBLK050114A-7	101	96.8	99.4	105				
VLCS050114A-7	101	99.7	100	104				
VLCS050114A-7	102	100	101	102				
14041186-001A	98.2	96.4	101	110				
VBLK050214A-7	101	96.3	99.9	106				
VLCS050214A-7	103	100	97.6	106				
VLCS050214A-7	104	99.2	98.8	101				
14041186-002A	99.9	96.9	99.0	105				
14041186-001A:50	95.8	97.4	99.3	105				

Acronym	Surrogate	QC Limits
BR4FBZ	= 4-Bromofluorobenzene	86-115
BZMED8	= Toluene-d8	88-110
DBFM	= Dibromofluoromethane	86-118
DCA12D4	= 1,2-Dichloroethane-d4	80-120

\* Surrogate recovery outside acceptance limit



**CLIENT:** Weston Solutions  
**Work Order:** 14041186  
**Project:** 20405.012.001.2301.00, Vogue Cleaners, Wauwatosa

**ANALYTICAL QC SUMMARY REPORT**

**BatchID:** R98552

Sample ID: <b>VBLK050114A-7</b>	SampType: <b>MBLK</b>	TestCode: <b>VOC_W+</b>	Units: <b>mg/L</b>	Prep Date:	Run ID: <b>VOA-7_140501B</b>						
Client ID: <b>ZZZZ</b>	Batch ID: <b>R98552</b>	TestNo: <b>SW8260B</b>		Analysis Date: <b>5/1/2014</b>	SeqNo: <b>2664895</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	ND	0.0050									
1,1,2,2-Tetrachloroethane	ND	0.0050									
1,1,2-Trichloroethane	ND	0.0050									
1,1-Dichloroethane	ND	0.0050									
1,1-Dichloroethene	ND	0.0050									
1,2-Dichloroethane	ND	0.0050									
1,2-Dichloropropane	ND	0.0050									
2-Butanone	ND	0.020									
2-Hexanone	ND	0.020									
4-Methyl-2-pentanone	ND	0.020									
Acetone	ND	0.020									
Benzene	ND	0.0050									
Bromodichloromethane	ND	0.0050									
Bromoform	ND	0.0050									
Bromomethane	ND	0.010									
Carbon disulfide	ND	0.010									
Carbon tetrachloride	ND	0.0050									
Chlorobenzene	ND	0.0050									
Chloroethane	ND	0.010									
Chloroform	ND	0.0050									
Chloromethane	ND	0.010									
cis-1,2-Dichloroethene	ND	0.0050									
cis-1,3-Dichloropropene	ND	0.0010									
Dibromochloromethane	ND	0.0050									
Ethylbenzene	ND	0.0050									
Methyl tert-butyl ether	ND	0.0050									
Methylene chloride	ND	0.0050									
Styrene	ND	0.0050									
Toluene	0.00079	0.0050									J
trans-1,2-Dichloroethene	ND	0.0050									
trans-1,3-Dichloropropene	ND	0.0010									

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 \* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
 E - Value above quantitation range

**CLIENT:** Weston Solutions  
**Work Order:** 14041186  
**Project:** 20405.012.001.2301.00, Vogue Cleaners, Wauwatosa

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: R98552**

Sample ID: <b>VBLK050114A-7</b>	SampType: <b>MBLK</b>	TestCode: <b>VOC_W+</b>	Units: <b>mg/L</b>	Prep Date:	Run ID: <b>VOA-7_140501B</b>						
Client ID: <b>ZZZZ</b>	Batch ID: <b>R98552</b>	TestNo: <b>SW8260B</b>		Analysis Date: <b>5/1/2014</b>	SeqNo: <b>2664895</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Trichloroethene	ND	0.0050									
Vinyl chloride	ND	0.0020									
Xylenes, Total	ND	0.015									

Sample ID: <b>VLCS050114A-7</b>	SampType: <b>LCS</b>	TestCode: <b>VOC_W+</b>	Units: <b>mg/L</b>	Prep Date:	Run ID: <b>VOA-7_140501B</b>						
Client ID: <b>ZZZZ</b>	Batch ID: <b>R98552</b>	TestNo: <b>SW8260B</b>		Analysis Date: <b>5/1/2014</b>	SeqNo: <b>2664895</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	0.01782	0.0050	0.02	0	89.1	70	130	0	0		
1,1,2,2-Tetrachloroethane	0.02047	0.0050	0.02	0	102	70	130	0	0		
1,1,2-Trichloroethane	0.01934	0.0050	0.02	0	96.7	70	130	0	0		
1,1-Dichloroethane	0.01712	0.0050	0.02	0	85.6	70	130	0	0		
1,1-Dichloroethene	0.01504	0.0050	0.02	0	75.2	70	130	0	0		
1,2-Dichloroethane	0.01805	0.0050	0.02	0	90.2	70	130	0	0		
1,2-Dichloropropane	0.01853	0.0050	0.02	0	92.6	70	130	0	0		
2-Butanone	0.03885	0.020	0.04	0	97.1	70	130	0	0		
2-Hexanone	0.03926	0.020	0.04	0	98.2	70	130	0	0		
4-Methyl-2-pentanone	0.0371	0.020	0.04	0	92.8	70	130	0	0		
Acetone	0.04589	0.020	0.04	0	115	50	150	0	0		
Benzene	0.01936	0.0050	0.02	0	96.8	70	130	0	0		
Bromodichloromethane	0.01845	0.0050	0.02	0	92.2	70	130	0	0		
Bromoform	0.01839	0.0050	0.02	0	92	70	130	0	0		
Bromomethane	0.01968	0.010	0.02	0	98.4	70	130	0	0		
Carbon disulfide	0.03472	0.010	0.04	0	86.8	70	130	0	0		
Carbon tetrachloride	0.01779	0.0050	0.02	0	89	70	130	0	0		
Chlorobenzene	0.02023	0.0050	0.02	0	101	70	130	0	0		
Chloroethane	0.01776	0.010	0.02	0	88.8	70	130	0	0		
Chloroform	0.0181	0.0050	0.02	0	90.5	70	130	0	0		
Chloromethane	0.0189	0.010	0.02	0	94.5	70	130	0	0		
cis-1,2-Dichloroethene	0.01727	0.0050	0.02	0	86.4	70	130	0	0		
cis-1,3-Dichloropropene	0.01899	0.0010	0.02	0	95	70	130	0	0		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      E - Value above quantitation range  
 \* - Non Accredited Parameter      H/HT - Holding Time Exceeded

CLIENT: Weston Solutions  
 Work Order: 14041186  
 Project: 20405.012.001.2301.00, Vogue Cleaners, Wauwatosa

**ANALYTICAL QC SUMMARY REPORT**

BatchID: R98552

Sample ID: VLCS050114A-7	SampType: LCS	TestCode: VOC_W+	Units: mg/L	Prep Date:	Run ID: VOA-7_140501B						
Client ID: ZZZZ	Batch ID: R98552	TestNo: SW8260B		Analysis Date: 5/1/2014	SeqNo: 2664896						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	0.01893	0.0050	0.02	0	94.7	70	130	0	0		
Ethylbenzene	0.02034	0.0050	0.02	0	102	70	130	0	0		
Methyl tert-butyl ether	0.01781	0.0050	0.02	0	89	50	150	0	0		
Methylene chloride	0.01781	0.0050	0.02	0	89	70	130	0	0		
Styrene	0.02002	0.0050	0.02	0	100	70	130	0	0		
Toluene	0.01933	0.0050	0.02	0.00079	92.7	70	130	0	0		
trans-1,2-Dichloroethene	0.01706	0.0050	0.02	0	85.3	70	130	0	0		
trans-1,3-Dichloropropene	0.02062	0.0010	0.02	0	103	70	130	0	0		
Trichloroethene	0.01855	0.0050	0.02	0	92.8	70	130	0	0		
Vinyl chloride	0.01911	0.0020	0.02	0	95.6	70	130	0	0		
Xylenes, Total	0.05979	0.015	0.06	0	99.6	70	130	0	0		

Sample ID: VLCS050114A-7	SampType: LCSD	TestCode: VOC_W+	Units: mg/L	Prep Date:	Run ID: VOA-7_140501B						
Client ID: ZZZZ	Batch ID: R98552	TestNo: SW8260B		Analysis Date: 5/1/2014	SeqNo: 2664897						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	0.01854	0.0050	0.02	0	92.7	70	130	0.01782	3.96	20	
1,1,2,2-Tetrachloroethane	0.02024	0.0050	0.02	0	101	70	130	0.02047	1.13	20	
1,1,2-Trichloroethane	0.01958	0.0050	0.02	0	97.9	70	130	0.01934	1.23	20	
1,1-Dichloroethane	0.01802	0.0050	0.02	0	90.1	70	130	0.01712	5.12	20	
1,1-Dichloroethene	0.01535	0.0050	0.02	0	76.8	70	130	0.01504	2.04	20	
1,2-Dichloroethane	0.01822	0.0050	0.02	0	91.1	70	130	0.01805	0.937	20	
1,2-Dichloropropane	0.01829	0.0050	0.02	0	91.4	70	130	0.01853	1.30	20	
2-Butanone	0.04293	0.020	0.04	0	107	70	130	0.03885	9.98	20	
2-Hexanone	0.03894	0.020	0.04	0	97.4	70	130	0.03926	0.818	20	
4-Methyl-2-pentanone	0.03734	0.020	0.04	0	93.4	70	130	0.0371	0.645	20	
Acetone	0.04983	0.020	0.04	0	125	50	150	0.04589	8.23	20	
Benzene	0.01927	0.0050	0.02	0	96.4	70	130	0.01936	0.466	20	
Bromodichloromethane	0.01813	0.0050	0.02	0	90.7	70	130	0.01845	1.75	20	
Bromoform	0.01793	0.0050	0.02	0	89.6	70	130	0.01839	2.53	20	
Bromomethane	0.02081	0.010	0.02	0	104	70	130	0.01968	5.58	20	

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
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 \* - Non Accredited Parameter      H/HT - Holding Time Exceeded

**CLIENT:** Weston Solutions  
**Work Order:** 14041186  
**Project:** 20405.012.001.2301.00, Vogue Cleaners, Wauwatosa

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: R98552**

Sample ID: VLCS050114A-7	SampType: LCSD	TestCode: VOC_W+	Units: mg/L	Prep Date:	Run ID: VOA-7_140501B						
Client ID: ZZZZ	Batch ID: R98552	TestNo: SW8260B		Analysis Date: 5/1/2014	SeqNo: 2664897						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	0.03604	0.010	0.04	0	90.1	70	130	0.03472	3.73	20	
Carbon tetrachloride	0.01823	0.0050	0.02	0	91.2	70	130	0.01779	2.44	20	
Chlorobenzene	0.02009	0.0050	0.02	0	100	70	130	0.02023	0.694	20	
Chloroethane	0.01931	0.010	0.02	0	96.6	70	130	0.01776	8.36	20	
Chloroform	0.01868	0.0050	0.02	0	93.4	70	130	0.0181	3.15	20	
Chloromethane	0.0185	0.010	0.02	0	92.5	70	130	0.0189	2.14	20	
cis-1,2-Dichloroethene	0.01785	0.0050	0.02	0	89.2	70	130	0.01727	3.30	20	
cis-1,3-Dichloropropene	0.01883	0.0010	0.02	0	94.2	70	130	0.01899	0.846	20	
Dibromochloromethane	0.01908	0.0050	0.02	0	95.4	70	130	0.01893	0.789	20	
Ethylbenzene	0.02007	0.0050	0.02	0	100	70	130	0.02034	1.34	20	
Methyl tert-butyl ether	0.018	0.0050	0.02	0	90	50	150	0.01781	1.06	20	
Methylene chloride	0.01722	0.0050	0.02	0	86.1	70	130	0.01781	3.37	20	
Styrene	0.02023	0.0050	0.02	0	101	70	130	0.02002	1.04	20	
Toluene	0.01942	0.0050	0.02	0.00079	93.2	70	130	0.01933	0.465	20	
trans-1,2-Dichloroethene	0.01713	0.0050	0.02	0	85.7	70	130	0.01706	0.409	20	
trans-1,3-Dichloropropene	0.02011	0.0010	0.02	0	101	70	130	0.02062	2.50	20	
Trichloroethene	0.01873	0.0050	0.02	0	93.6	70	130	0.01855	0.966	20	
Vinyl chloride	0.01952	0.0020	0.02	0	97.6	70	130	0.01911	2.12	20	
Xylenes, Total	0.06086	0.015	0.06	0	101	70	130	0.05979	1.77	20	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      E - Value above quantitation range  
 \* - Non Accredited Parameter      H/HT - Holding Time Exceeded

**CLIENT:** Weston Solutions  
**Work Order:** 14041186  
**Project:** 20405.012.001.2301.00, Vogue Cleaners, Wauwatosa

**ANALYTICAL QC SUMMARY REPORT**

**BatchID:** R98556

Sample ID: <b>VBLK050214A-7</b>	SampType: <b>MBLK</b>	TestCode: <b>VOC_W+</b>	Units: <b>mg/L</b>	Prep Date:	Run ID: <b>VOA-7_140502A</b>						
Client ID: <b>ZZZZ</b>	Batch ID: <b>R98556</b>	TestNo: <b>SW8260B</b>		Analysis Date: <b>5/2/2014</b>	SeqNo: <b>2665171</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	ND	0.0050									
1,1,2,2-Tetrachloroethane	ND	0.0050									
1,1,2-Trichloroethane	ND	0.0050									
1,1-Dichloroethane	ND	0.0050									
1,1-Dichloroethene	ND	0.0050									
1,2-Dichloroethane	ND	0.0050									
1,2-Dichloropropane	ND	0.0050									
2-Butanone	ND	0.020									
2-Hexanone	ND	0.020									
4-Methyl-2-pentanone	ND	0.020									
Acetone	ND	0.020									
Benzene	ND	0.0050									
Bromodichloromethane	ND	0.0050									
Bromoform	ND	0.0050									
Bromomethane	ND	0.010									
Carbon disulfide	ND	0.010									
Carbon tetrachloride	ND	0.0050									
Chlorobenzene	ND	0.0050									
Chloroethane	ND	0.010									
Chloroform	ND	0.0050									
Chloromethane	ND	0.010									
cis-1,2-Dichloroethene	ND	0.0050									
cis-1,3-Dichloropropene	ND	0.0010									
Dibromochloromethane	ND	0.0050									
Ethylbenzene	ND	0.0050									
Methyl tert-butyl ether	ND	0.0050									
Methylene chloride	ND	0.0050									
Styrene	ND	0.0050									
Tetrachloroethene	ND	0.0050									
Toluene	0.00089	0.0050									
trans-1,2-Dichloroethene	ND	0.0050									

J

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
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 \* - Non Accredited Parameter      H/HT - Holding Time Exceeded

CLIENT: Weston Solutions  
 Work Order: 14041186  
 Project: 20405.012.001.2301.00, Vogue Cleaners, Wauwatosa

**ANALYTICAL QC SUMMARY REPORT**

BatchID: R98556

Sample ID: VBLK050214A-7	SampType: MBLK	TestCode: VOC_W+	Units: mg/L	Prep Date:	Run ID: VOA-7_140502A						
Client ID: ZZZZ	Batch ID: R98556	TestNo: SW8260B		Analysis Date: 5/2/2014	SeqNo: 2665171						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

trans-1,3-Dichloropropene	ND	0.0010									
Trichloroethene	ND	0.0050									
Vinyl chloride	ND	0.0020									
Xylenes, Total	ND	0.015									

Sample ID: VLCS050214A-7	SampType: LCS	TestCode: VOC_W+	Units: mg/L	Prep Date:	Run ID: VOA-7_140502A						
Client ID: ZZZZ	Batch ID: R98556	TestNo: SW8260B		Analysis Date: 5/2/2014	SeqNo: 2665172						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	0.01783	0.0050	0.02	0	89.2	70	130	0	0		
1,1,2,2-Tetrachloroethane	0.02033	0.0050	0.02	0	102	70	130	0	0		
1,1,2-Trichloroethane	0.01903	0.0050	0.02	0	95.2	70	130	0	0		
1,1-Dichloroethane	0.0175	0.0050	0.02	0	87.5	70	130	0	0		
1,1-Dichloroethene	0.01503	0.0050	0.02	0	75.2	70	130	0	0		
1,2-Dichloroethane	0.01847	0.0050	0.02	0	92.4	70	130	0	0		
1,2-Dichloropropane	0.01931	0.0050	0.02	0	96.6	70	130	0	0		
2-Butanone	0.04095	0.020	0.04	0	102	70	130	0	0		
2-Hexanone	0.03919	0.020	0.04	0	98	70	130	0	0		
4-Methyl-2-pentanone	0.03568	0.020	0.04	0	89.2	70	130	0	0		
Acetone	0.04736	0.020	0.04	0	118	50	150	0	0		
Benzene	0.01962	0.0050	0.02	0	98.1	70	130	0	0		
Bromodichloromethane	0.01916	0.0050	0.02	0	95.8	70	130	0	0		
Bromoform	0.01935	0.0050	0.02	0	96.8	70	130	0	0		
Bromomethane	0.01773	0.010	0.02	0	88.7	70	130	0	0		
Carbon disulfide	0.03619	0.010	0.04	0	90.5	70	130	0	0		
Carbon tetrachloride	0.01802	0.0050	0.02	0	90.1	70	130	0	0		
Chlorobenzene	0.02035	0.0050	0.02	0	102	70	130	0	0		
Chloroethane	0.01996	0.010	0.02	0	99.8	70	130	0	0		
Chloroform	0.01843	0.0050	0.02	0	92.2	70	130	0	0		
Chloromethane	0.01948	0.010	0.02	0	97.4	70	130	0	0		
cis-1,2-Dichloroethene	0.01741	0.0050	0.02	0	87	70	130	0	0		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      E - Value above quantitation range  
 \* - Non Accredited Parameter      H/HT - Holding Time Exceeded

CLIENT: Weston Solutions  
 Work Order: 14041186  
 Project: 20405.012.001.2301.00, Vogue Cleaners, Wauwatosa

**ANALYTICAL QC SUMMARY REPORT**

BatchID: R98556

Sample ID: VLCS050214A-7	SampType: LCS	TestCode: VOC_W+	Units: mg/L	Prep Date:	Run ID: VOA-7_140502A						
Client ID: ZZZZ	Batch ID: R98556	TestNo: SW8260B		Analysis Date: 5/2/2014	SeqNo: 2665172						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	0.01914	0.0010	0.02	0	95.7	70	130	0	0		
Dibromochloromethane	0.01984	0.0050	0.02	0	99.2	70	130	0	0		
Ethylbenzene	0.02022	0.0050	0.02	0	101	70	130	0	0		
Methyl tert-butyl ether	0.01766	0.0050	0.02	0	88.3	50	150	0	0		
Methylene chloride	0.01717	0.0050	0.02	0	85.8	70	130	0	0		
Styrene	0.02021	0.0050	0.02	0	101	70	130	0	0		
Tetrachloroethene	0.01965	0.0050	0.02	0	98.3	70	130	0	0		
Toluene	0.01995	0.0050	0.02	0.00089	95.3	70	130	0	0		
trans-1,2-Dichloroethene	0.01767	0.0050	0.02	0	88.4	70	130	0	0		
trans-1,3-Dichloropropene	0.02024	0.0010	0.02	0	101	70	130	0	0		
Trichloroethene	0.01876	0.0050	0.02	0	93.8	70	130	0	0		
Vinyl chloride	0.01996	0.0020	0.02	0	99.8	70	130	0	0		
Xylenes, Total	0.06088	0.015	0.06	0	101	70	130	0	0		

Sample ID: VLCS050214A-7	SampType: LCSD	TestCode: VOC_W+	Units: mg/L	Prep Date:	Run ID: VOA-7_140502A						
Client ID: ZZZZ	Batch ID: R98556	TestNo: SW8260B		Analysis Date: 5/2/2014	SeqNo: 2665173						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	0.0174	0.0050	0.02	0	87	70	130	0.01783	2.44	20	
1,1,2,2-Tetrachloroethane	0.02029	0.0050	0.02	0	101	70	130	0.02033	0.197	20	
1,1,2-Trichloroethane	0.01919	0.0050	0.02	0	96	70	130	0.01903	0.837	20	
1,1-Dichloroethane	0.0169	0.0050	0.02	0	84.5	70	130	0.0175	3.49	20	
1,1-Dichloroethene	0.01496	0.0050	0.02	0	74.8	70	130	0.01503	0.467	20	
1,2-Dichloroethane	0.01804	0.0050	0.02	0	90.2	70	130	0.01847	2.36	20	
1,2-Dichloropropane	0.01845	0.0050	0.02	0	92.2	70	130	0.01931	4.56	20	
2-Butanone	0.04312	0.020	0.04	0	108	70	130	0.04095	5.16	20	
2-Hexanone	0.03905	0.020	0.04	0	97.6	70	130	0.03919	0.358	20	
4-Methyl-2-pentanone	0.03576	0.020	0.04	0	89.4	70	130	0.03568	0.224	20	
Acetone	0.04631	0.020	0.04	0	116	50	150	0.04736	2.24	20	
Benzene	0.01869	0.0050	0.02	0	93.4	70	130	0.01962	4.86	20	
Bromodichloromethane	0.0178	0.0050	0.02	0	89	70	130	0.01916	7.36	20	

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
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 \* - Non Accredited Parameter      H/HT - Holding Time Exceeded

**CLIENT:** Weston Solutions  
**Work Order:** 14041186  
**Project:** 20405.012.001.2301.00, Vogue Cleaners, Wauwatosa

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: R98556**

Sample ID: <b>VLCS0050214A-7</b>	SampType: <b>LCSD</b>	TestCode: <b>VOC_W+</b>	Units: <b>mg/L</b>	Prep Date:	Run ID: <b>VOA-7_140502A</b>
Client ID: <b>ZZZZ</b>	Batch ID: <b>R98556</b>	TestNo: <b>SW8260B</b>		Analysis Date: <b>5/2/2014</b>	SeqNo: <b>2665173</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	0.01976	0.0050	0.02	0	98.8	70	130	0.01935	2.10	20	
Bromomethane	0.0165	0.010	0.02	0	82.5	70	130	0.01773	7.19	20	
Carbon disulfide	0.0341	0.010	0.04	0	85.2	70	130	0.03619	5.95	20	
Carbon tetrachloride	0.01747	0.0050	0.02	0	87.4	70	130	0.01802	3.10	20	
Chlorobenzene	0.02041	0.0050	0.02	0	102	70	130	0.02035	0.294	20	
Chloroethane	0.01902	0.010	0.02	0	95.1	70	130	0.01996	4.82	20	
Chloroform	0.01752	0.0050	0.02	0	87.6	70	130	0.01843	5.06	20	
Chloromethane	0.01856	0.010	0.02	0	92.8	70	130	0.01948	4.84	20	
cis-1,2-Dichloroethene	0.01747	0.0050	0.02	0	87.4	70	130	0.01741	0.344	20	
cis-1,3-Dichloropropene	0.01828	0.0010	0.02	0	91.4	70	130	0.01914	4.60	20	
Dibromochloromethane	0.01867	0.0050	0.02	0	93.4	70	130	0.01984	6.08	20	
Ethylbenzene	0.01968	0.0050	0.02	0	98.4	70	130	0.02022	2.71	20	
Methyl tert-butyl ether	0.01745	0.0050	0.02	0	87.2	50	150	0.01766	1.20	20	
Methylene chloride	0.01652	0.0050	0.02	0	82.6	70	130	0.01717	3.86	20	
Styrene	0.01973	0.0050	0.02	0	98.6	70	130	0.02021	2.40	20	
Tetrachloroethene	0.01867	0.0050	0.02	0	93.4	70	130	0.01965	5.11	20	
Toluene	0.01873	0.0050	0.02	0.00089	89.2	70	130	0.01995	6.31	20	
trans-1,2-Dichloroethene	0.01691	0.0050	0.02	0	84.6	70	130	0.01767	4.40	20	
trans-1,3-Dichloropropene	0.0205	0.0010	0.02	0	103	70	130	0.02024	1.28	20	
Trichloroethene	0.0177	0.0050	0.02	0	88.5	70	130	0.01876	5.81	20	
Vinyl chloride	0.01827	0.0020	0.02	0	91.4	70	130	0.01996	8.84	20	
Xylenes, Total	0.05909	0.015	0.06	0	98.5	70	130	0.06088	2.98	20	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
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 \* - Non Accredited Parameter      H/HT - Holding Time Exceeded



## Analytical Run Summary

Run ID: VOA-6\_140429A (R98465)

Analyst: VP

SeqNo	Sample ID	Type	Test Code	Batch	DF	File ID	Date/Time Analyzed
2661890	CCV042914-6 2.0	CCV	TO_15A+	R98465	1	04291401.D	04/29/2014 17:50
2661889	BFB042914-6	TUNE	BFB	R98465	1	04291401.D	04/29/2014 17:50
2661891	MB042914-6	MBLK	TO_15MG+	R98465	1	04291402.D	04/29/2014 18:24
2661892	LCS042914-6 5.0	LCS	TO_15MG+	R98465	1	04291403.D	04/29/2014 18:59
2661893	LCSD042914-6 5.0	LCSD	TO_15MG+	R98465	1	04291404.D	04/29/2014 19:34
2661894	14041186-003A	SAMP	TO_15MG+	76112	1	04291405.D	04/29/2014 22:06
2661896	14041186-005A	SAMP	TO_15MG+	76112	1	04291407.D	04/29/2014 23:15
2661897	14041186-006A	SAMP	TO_15MG+	76112	1	04291408.D	04/29/2014 23:50
2661895	14041186-004A	SAMP	TO_15MG+	76112	1	04291420.D	04/30/2014 7:13
2661914	14041186-007A	SAMP	TO_15MG+	76112	1	04291421.D	04/30/2014 7:51
2661915	14041186-008A	SAMP	TO_15MG+	76112	1	04291422.D	04/30/2014 8:29
2661954	14041186-009A	SAMP	TO_15MG+	76112	1	04291423.D	04/30/2014 9:04
2661982	14041186-010A	SAMP	TO_15MG+	76112	1	04291424.D	04/30/2014 9:39
2662053	14041186-011A	SAMP	TO_15MG+	76112	1	04291425.D	04/30/2014 10:14
2662057	14041186-005A	SAMP	TO_15MG+	76112	25	04291426.D	04/30/2014 10:48
2662267	14041186-006A	SAMP	TO_15MG+	76112	25	04291427.D	04/30/2014 11:23

**CLIENT:** Weston Solutions  
**Work Order:** 14041186  
**Project:** 20405.012.001.2301.00, Vogue Cleaners, Wauwatosa

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: R98465**

Sample ID: <b>MB042914-6</b>	SampType: <b>MBLK</b>	TestCode: <b>TO_15MG+</b>	Units: <b>mg/m³</b>	Prep Date:	Run ID: <b>VOA-6_140429A</b>						
Client ID: <b>ZZZZ</b>	Batch ID: <b>R98465</b>	TestNo: <b>TO-15</b>		Analysis Date: <b>4/29/2014</b>	SeqNo: <b>2661891</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	ND	0.0011									
1,1,2,2-Tetrachloroethane	ND	0.0014									
1,1,2-Trichloroethane	ND	0.0011									
1,1-Dichloroethane	ND	0.00080									
1,1-Dichloroethene	ND	0.00080									
1,2,4-Trichlorobenzene	ND	0.0015									
1,2,4-Trimethylbenzene	ND	0.0010									
1,2-Dibromoethane	ND	0.0015									
1,2-Dichlorobenzene	ND	0.0012									
1,2-Dichloroethane	ND	0.00080									
1,2-Dichloropropane	ND	0.00090									
1,3,5-Trimethylbenzene	ND	0.0010									
1,3-Butadiene	ND	0.00040									
1,3-Dichlorobenzene	ND	0.0012									
1,4-Dichlorobenzene	ND	0.0012									
1,4-Dioxane	ND	0.0018									
2-Butanone	ND	0.0015									
2-Hexanone	ND	0.0041									
4-Ethyltoluene	ND	0.0010									
4-Methyl-2-pentanone	ND	0.0041									
Acetone	ND	0.0048									*
Benzene	ND	0.00060									
Benzyl chloride	ND	0.0026									
Bromodichloromethane	ND	0.0013									
Bromoform	ND	0.0052									
Bromomethane	0.000233	0.0019									J
Carbon disulfide	0.00003114	0.00062									J
Carbon tetrachloride	ND	0.0013									
Chlorobenzene	ND	0.00090									
Chloroethane	ND	0.00050									
Chloroform	ND	0.0010									

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      E - Value above quantitation range  
 \* - Non Accredited Parameter      H/HT - Holding Time Exceeded

**CLIENT:** Weston Solutions  
**Work Order:** 14041186  
**Project:** 20405.012.001.2301.00, Vogue Cleaners, Wauwatosa

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: R98465**

Sample ID: <b>MB042914-6</b>	SampType: <b>MBLK</b>	TestCode: <b>TO_15MG+</b>	Units: <b>mg/m³</b>	Prep Date:	Run ID: <b>VOA-6_140429A</b>						
Client ID: <b>ZZZZ</b>	Batch ID: <b>R98465</b>	TestNo: <b>TO-15</b>		Analysis Date: <b>4/29/2014</b>	SeqNo: <b>2661891</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	ND	0.0010									
cis-1,2-Dichloroethene	ND	0.00080									
cis-1,3-Dichloropropene	ND	0.00090									
Cyclohexane	ND	0.00070									
Dibromochloromethane	ND	0.0017									
Dichlorodifluoromethane	ND	0.0010									
Ethyl acetate	ND	0.00070									
Ethylbenzene	ND	0.00090									
Freon-113	ND	0.0015									
Freon-114	ND	0.0070									
Heptane	ND	0.00080									
Hexachlorobutadiene	ND	0.0021									
Hexane	ND	0.0018									
Isopropyl Alcohol	ND	0.0025									
m,p-Xylene	ND	0.0017									
Methyl tert-butyl ether	ND	0.00070									
Methylene chloride	0.00066	0.0069									J
Naphthalene	ND	0.0010									
o-Xylene	ND	0.00090									
Propene	ND	0.0034									
Styrene	ND	0.00090									
Tetrachloroethene	ND	0.0014									
Tetrahydrofuran	ND	0.0015									
Toluene	ND	0.00080									
trans-1,2-Dichloroethene	ND	0.00080									
trans-1,3-Dichloropropene	ND	0.00090									
Trichloroethene	ND	0.0011									
Trichlorofluoromethane	ND	0.0011									
Vinyl acetate	ND	0.0070									
Vinyl chloride	ND	0.00050									
Xylenes, Total	ND	0.0026									

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CLIENT: Weston Solutions  
 Work Order: 14041186  
 Project: 20405.012.001.2301.00, Vogue Cleaners, Wauwatosa

**ANALYTICAL QC SUMMARY REPORT**

BatchID: R98465

Sample ID: LCS042914-6 5.0	SampType: LCS	TestCode: TO_15MG+	Units: mg/m <sup>3</sup>	Prep Date:	Run ID: VOA-6_140429A						
Client ID: ZZZZ	Batch ID: R98465	TestNo: TO-15		Analysis Date: 4/29/2014	SeqNo: 2661892						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	0.02635	0.0011	0.02728	0	96.6	70	130	0	0		
1,1,2,2-Tetrachloroethane	0.03344	0.0014	0.03434	0	97.4	70	130	0	0		
1,1,2-Trichloroethane	0.02592	0.0011	0.02728	0	95	70	130	0	0		
1,1-Dichloroethane	0.01858	0.00080	0.02024	0	91.8	70	130	0	0		
1,1-Dichloroethene	0.01816	0.00080	0.01982	0	91.6	70	130	0	0		
1,2,4-Trichlorobenzene	0.03978	0.0015	0.03711	0	107	70	130	0	0		
1,2,4-Trimethylbenzene	0.02635	0.0010	0.02458	0	107	70	130	0	0		
1,2-Dibromoethane	0.03834	0.0015	0.03842	0	99.8	70	130	0	0		
1,2-Dichlorobenzene	0.02988	0.0012	0.03006	0	99.4	70	130	0	0		
1,2-Dichloroethane	0.01882	0.00080	0.02024	0	93	70	130	0	0		
1,2-Dichloropropane	0.02186	0.00090	0.02311	0	94.6	70	130	0	0		
1,3,5-Trimethylbenzene	0.02541	0.0010	0.02458	0	103	70	130	0	0		
1,3-Butadiene	0.01069	0.00040	0.01106	0	96.6	70	130	0	0		
1,3-Dichlorobenzene	0.03084	0.0012	0.03006	0	103	70	130	0	0		
1,4-Dichlorobenzene	0.02994	0.0012	0.03006	0	99.6	70	130	0	0		
1,4-Dioxane	0.02126	0.0018	0.01802	0	118	70	130	0	0		
2-Butanone	0.01436	0.0015	0.01475	0	97.4	70	130	0	0		
2-Hexanone	0.0245	0.0041	0.02048	0	120	70	130	0	0		
4-Ethyltoluene	0.02645	0.0010	0.02458	0	108	70	130	0	0		
4-Methyl-2-pentanone	0.01938	0.0041	0.02048	0	94.6	70	130	0	0		
Acetone	0.009431	0.0048	0.01188	0	79.4	70	130	0	0		
Benzene	0.0139	0.00060	0.01597	0	87	70	130	0	0		
Benzyl chloride	0.02402	0.0026	0.02589	0	92.8	70	130	0	0		
Bromodichloromethane	0.0327	0.0013	0.0335	0	97.6	70	130	0	0		
Bromoform	0.05985	0.0052	0.05168	0	116	70	130	0	0		
Bromomethane	0.01736	0.0019	0.01942	0.000233	88.2	70	130	0	0		
Carbon disulfide	0.01526	0.00062	0.01557	0.00003114	97.8	70	130	0	0		
Carbon tetrachloride	0.03013	0.0013	0.03146	0	95.8	70	130	0	0		
Chlorobenzene	0.02113	0.00090	0.02302	0	91.8	70	130	0	0		
Chloroethane	0.009155	0.00050	0.01319	0	69.4	70	130	0	0		S
Chloroform	0.02192	0.0010	0.02441	0	89.8	70	130	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
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 \* - Non Accredited Parameter      H/HT - Holding Time Exceeded

**CLIENT:** Weston Solutions  
**Work Order:** 14041186  
**Project:** 20405.012.001.2301.00, Vogue Cleaners, Wauwatosa

**ANALYTICAL QC SUMMARY REPORT**

**BatchID:** R98465

Sample ID: LCS042914-6 5.0	SampType: LCS	TestCode: TO_15MG+	Units: mg/m <sup>3</sup>	Prep Date:	Run ID: VOA-6_140429A
Client ID: ZZZZ	Batch ID: R98465	TestNo: TO-15		Analysis Date: 4/29/2014	SeqNo: 2661892

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	0.009478	0.0010	0.01033	0	91.8	70	130	0	0		
cis-1,2-Dichloroethene	0.01891	0.00080	0.01982	0	95.4	70	130	0	0		
cis-1,3-Dichloropropene	0.02523	0.00090	0.02269	0	111	70	130	0	0		
Cyclohexane	0.01625	0.00070	0.01721	0	94.4	70	130	0	0		
Dibromochloromethane	0.04523	0.0017	0.04259	0	106	70	130	0	0		
Dichlorodifluoromethane	0.02344	0.0010	0.02473	0	94.8	70	130	0	0		
Ethyl acetate	0.01654	0.00070	0.01802	0	91.8	70	130	0	0		
Ethylbenzene	0.0218	0.00090	0.02171	0	100	70	130	0	0		
Freon-113	0.0351	0.0015	0.03832	0	91.6	70	130	0	0		
Freon-114	0.03404	0.0070	0.03495	0	97.4	70	130	0	0		
Heptane	0.01922	0.00080	0.02049	0	93.8	70	130	0	0		
Hexachlorobutadiene	0.05695	0.0021	0.05333	0	107	70	130	0	0		
Hexane	0.01925	0.0018	0.01762	0	109	70	130	0	0		
Isopropyl Alcohol	0.01067	0.0025	0.01229	0	86.8	70	130	0	0		
m,p-Xylene	0.04364	0.0017	0.04342	0	101	70	130	0	0		
Methyl tert-butyl ether	0.01896	0.00070	0.01803	0	105	70	130	0	0		
Methylene chloride	0.01445	0.0069	0.01737	0.00066	79.4	70	130	0	0		
Naphthalene	0.02962	0.0010	0.02621	0	113	70	130	0	0		
o-Xylene	0.0218	0.00090	0.02171	0	100	70	130	0	0		
Propene	0.006764	0.0034	0.008605	0	78.6	70	130	0	0		
Styrene	0.02351	0.00090	0.0213	0	110	70	130	0	0		
Tetrachloroethene	0.03188	0.0014	0.03391	0	94	70	130	0	0		
Tetrahydrofuran	0.01236	0.0015	0.01475	0	83.8	70	130	0	0		
Toluene	0.01812	0.00080	0.01884	0	96.2	70	130	0	0		
trans-1,2-Dichloroethene	0.01863	0.00080	0.01982	0	94	70	130	0	0		
trans-1,3-Dichloropropene	0.0221	0.00090	0.02269	0	97.4	70	130	0	0		
Trichloroethene	0.02504	0.0011	0.02687	0	93.2	70	130	0	0		
Trichlorofluoromethane	0.02568	0.0011	0.02809	0	91.4	70	130	0	0		
Vinyl acetate	0.0181	0.0070	0.01761	0	103	70	130	0	0		
Vinyl chloride	0.01304	0.00050	0.01278	0	102	70	130	0	0		
Xylenes, Total	0.06543	0.0026	0.06513	0	100	70	130	0	0		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      E - Value above quantitation range  
 \* - Non Accredited Parameter      H/HT - Holding Time Exceeded

CLIENT: Weston Solutions  
 Work Order: 14041186  
 Project: 20405.012.001.2301.00, Vogue Cleaners, Wauwatosa

**ANALYTICAL QC SUMMARY REPORT**

BatchID: R98465

Sample ID: LCSD042914-6 5.0	SampType: LCSD	TestCode: TO_15MG+	Units: mg/m³	Prep Date:	Run ID: VOA-6_140429A						
Client ID: ZZZZ	Batch ID: R98465	TestNo: TO-15		Analysis Date: 4/29/2014	SeqNo: 2661893						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	0.02657	0.0011	0.02728	0	97.4	70	130	0.02635	0.825	25	
1,1,2,2-Tetrachloroethane	0.03413	0.0014	0.03434	0	99.4	70	130	0.03344	2.03	25	
1,1,2-Trichloroethane	0.02619	0.0011	0.02728	0	96	70	130	0.02592	1.05	25	
1,1-Dichloroethane	0.01898	0.00080	0.02024	0	93.8	70	130	0.01858	2.16	25	
1,1-Dichloroethene	0.0184	0.00080	0.01982	0	92.8	70	130	0.01816	1.30	25	
1,2,4-Trichlorobenzene	0.04148	0.0015	0.03711	0	112	70	130	0.03978	4.20	25	
1,2,4-Trimethylbenzene	0.02664	0.0010	0.02458	0	108	70	130	0.02635	1.11	25	
1,2-Dibromoethane	0.03842	0.0015	0.03842	0	100	70	130	0.03834	0.200	25	
1,2-Dichlorobenzene	0.0306	0.0012	0.03006	0	102	70	130	0.02988	2.39	25	
1,2-Dichloroethane	0.01874	0.00080	0.02024	0	92.6	70	130	0.01882	0.431	25	
1,2-Dichloropropane	0.02181	0.00090	0.02311	0	94.4	70	130	0.02186	0.212	25	
1,3,5-Trimethylbenzene	0.02576	0.0010	0.02458	0	105	70	130	0.02541	1.34	25	
1,3-Butadiene	0.01095	0.00040	0.01106	0	99	70	130	0.01069	2.45	25	
1,3-Dichlorobenzene	0.03174	0.0012	0.03006	0	106	70	130	0.03084	2.88	25	
1,4-Dichlorobenzene	0.03018	0.0012	0.03006	0	100	70	130	0.02994	0.800	25	
1,4-Dioxane	0.01795	0.0018	0.01802	0	99.6	70	130	0.02126	16.9	25	
2-Butanone	0.01395	0.0015	0.01475	0	94.6	70	130	0.01436	2.92	25	
2-Hexanone	0.02155	0.0041	0.02048	0	105	70	130	0.0245	12.8	25	
4-Ethyltoluene	0.02684	0.0010	0.02458	0	109	70	130	0.02645	1.48	25	
4-Methyl-2-pentanone	0.01798	0.0041	0.02048	0	87.8	70	130	0.01938	7.46	25	
Acetone	0.009407	0.0048	0.01188	0	79.2	70	130	0.009431	0.252	25	
Benzene	0.01399	0.00060	0.01597	0	87.6	70	130	0.0139	0.687	25	
Benzyl chloride	0.02428	0.0026	0.02589	0	93.8	70	130	0.02402	1.07	25	
Bromodichloromethane	0.0329	0.0013	0.0335	0	98.2	70	130	0.0327	0.613	25	
Bromoform	0.06099	0.0052	0.05168	0	118	70	130	0.05985	1.88	25	
Bromomethane	0.01813	0.0019	0.01942	0.000233	92.2	70	130	0.01736	4.38	25	
Carbon disulfide	0.01538	0.00062	0.01557	0.00003114	98.6	70	130	0.01526	0.813	25	
Carbon tetrachloride	0.03045	0.0013	0.03146	0	96.8	70	130	0.03013	1.04	25	
Chlorobenzene	0.0215	0.00090	0.02302	0	93.4	70	130	0.02113	1.73	25	
Chloroethane	0.009076	0.00050	0.01319	0	68.8	70	130	0.009155	0.868	25	S
Chloroform	0.02192	0.0010	0.02441	0	89.8	70	130	0.02192	0	25	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      E - Value above quantitation range  
 \* - Non Accredited Parameter      H/HT - Holding Time Exceeded

CLIENT: Weston Solutions  
 Work Order: 14041186  
 Project: 20405.012.001.2301.00, Vogue Cleaners, Wauwatosa

**ANALYTICAL QC SUMMARY REPORT**

BatchID: R98465

Sample ID: LCSD042914-6 5.0	SampType: LCSD	TestCode: TO_15MG+	Units: mg/m³	Prep Date:	Run ID: VOA-6_140429A						
Client ID: ZZZZ	Batch ID: R98465	TestNo: TO-15		Analysis Date: 4/29/2014	SeqNo: 2661893						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	0.009086	0.0010	0.01033	0	88	70	130	0.009478	4.23	25	
cis-1,2-Dichloroethene	0.01915	0.00080	0.01982	0	96.6	70	130	0.01891	1.25	25	
cis-1,3-Dichloropropene	0.02546	0.00090	0.02269	0	112	70	130	0.02523	0.895	25	
Cyclohexane	0.01625	0.00070	0.01721	0	94.4	70	130	0.01625	0	25	
Dibromochloromethane	0.04592	0.0017	0.04259	0	108	70	130	0.04523	1.50	25	
Dichlorodifluoromethane	0.02369	0.0010	0.02473	0	95.8	70	130	0.02344	1.05	25	
Ethyl acetate	0.01564	0.00070	0.01802	0	86.8	70	130	0.01654	5.60	25	
Ethylbenzene	0.02206	0.00090	0.02171	0	102	70	130	0.0218	1.19	25	
Freon-113	0.03548	0.0015	0.03832	0	92.6	70	130	0.0351	1.09	25	
Freon-114	0.03488	0.0070	0.03495	0	99.8	70	130	0.03404	2.43	25	
Heptane	0.01922	0.00080	0.02049	0	93.8	70	130	0.01922	0	25	
Hexachlorobutadiene	0.05908	0.0021	0.05333	0	111	70	130	0.05695	3.68	25	
Hexane	0.01939	0.0018	0.01762	0	110	70	130	0.01925	0.730	25	
Isopropyl Alcohol	0.01059	0.0025	0.01229	0	86.2	70	130	0.01067	0.694	25	
m,p-Xylene	0.04424	0.0017	0.04342	0	102	70	130	0.04364	1.38	25	
Methyl tert-butyl ether	0.01907	0.00070	0.01803	0	106	70	130	0.01896	0.569	25	
Methylene chloride	0.01462	0.0069	0.01737	0.00066	80.4	70	130	0.01445	1.19	25	
Naphthalene	0.03198	0.0010	0.02621	0	122	70	130	0.02962	7.66	25	
o-Xylene	0.02201	0.00090	0.02171	0	101	70	130	0.0218	0.991	25	
Propene	0.006609	0.0034	0.008605	0	76.8	70	130	0.006764	2.32	25	
Styrene	0.02394	0.00090	0.0213	0	112	70	130	0.02351	1.80	25	
Tetrachloroethene	0.03201	0.0014	0.03391	0	94.4	70	130	0.03188	0.425	25	
Tetrahydrofuran	0.01221	0.0015	0.01475	0	82.8	70	130	0.01236	1.20	25	
Toluene	0.01824	0.00080	0.01884	0	96.8	70	130	0.01812	0.622	25	
trans-1,2-Dichloroethene	0.01895	0.00080	0.01982	0	95.6	70	130	0.01863	1.69	25	
trans-1,3-Dichloropropene	0.02224	0.00090	0.02269	0	98	70	130	0.0221	0.614	25	
Trichloroethene	0.02536	0.0011	0.02687	0	94.4	70	130	0.02504	1.28	25	
Trichlorofluoromethane	0.02613	0.0011	0.02809	0	93	70	130	0.02568	1.74	25	
Vinyl acetate	0.01831	0.0070	0.01761	0	104	70	130	0.0181	1.16	25	
Vinyl chloride	0.01332	0.00050	0.01278	0	104	70	130	0.01304	2.13	25	
Xylenes, Total	0.06626	0.0026	0.06513	0	102	70	130	0.06543	1.25	25	

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      E - Value above quantitation range  
 \* - Non Accredited Parameter      H/HT - Holding Time Exceeded

## Analytical Run Summary

Run ID: VOA-5\_140429A (R98457)

Analyst: VP

Printed: 15-May-14

SeqNo	Sample ID	Type	Test Code	Batch	DF	File ID	Date/Time Analyzed
2661715	CCV042914-5 10.0	CCV	TO_15A+	R98457	1	04291401.D	04/29/2014 11:00
2661714	BFB042914-5	TUNE	BFB	R98457	1	04291401.D	04/29/2014 11:00
2661905	MB042914-5	MBLK	TO_15UG+	R98457	1	04291402.D	04/29/2014 11:35
2661716	MB042914-5	MBLK	TO_15A+	R98457	1	04291402.D	04/29/2014 11:35
2662047	MB042914-5	MBLK	TO_15MG+	R98457	1	04291402.D	04/29/2014 11:35
2661717	LCS042914-5 5.0	LCS	TO_15A+	R98457	1	04291403.D	04/29/2014 12:11
2661906	LCS042914-5 5.0	LCS	TO_15UG+	R98457	1	04291403.D	04/29/2014 12:11
2662048	LCS042914-5 5.0	LCS	TO_15MG+	R98457	1	04291403.D	04/29/2014 12:11
2661907	LCSD042914-5 5.0	LCSD	TO_15UG+	R98457	1	04291404.D	04/29/2014 12:46
2662049	LCSD042914-5 5.0	LCSD	TO_15MG+	R98457	1	04291404.D	04/29/2014 12:46
2661718	LCSD042914-5 5.0	LCSD	TO_15A+	R98457	1	04291404.D	04/29/2014 12:46
2661908	14041240-001A	SAMP	TO_15UG	76137	1	04291406.D	04/29/2014 16:17
2661898	14041240-001A	SAMP	TO_15A	76137	1	04291406.D	04/29/2014 16:17
2661909	14041240-002A	SAMP	TO_15UG	76137	1	04291407.D	04/29/2014 16:53
2661899	14041240-002A	SAMP	TO_15A	76137	1	04291407.D	04/29/2014 16:53
2661900	14041240-003A	SAMP	TO_15A	76137	1	04291408.D	04/29/2014 17:28
2661910	14041240-003A	SAMP	TO_15UG	76137	1	04291408.D	04/29/2014 17:28
2661901	14041240-004A	SAMP	TO_15A	76137	1	04291409.D	04/29/2014 18:03
2661911	14041240-004A	SAMP	TO_15UG	76137	1	04291409.D	04/29/2014 18:03
2661912	14041240-005A	SAMP	TO_15UG	76137	1	04291410.D	04/29/2014 18:39
2661902	14041240-005A	SAMP	TO_15A	76137	1	04291410.D	04/29/2014 18:39
2661903	14041240-006A	SAMP	TO_15A	76137	1	04291411.D	04/29/2014 19:14
2661913	14041240-006A	SAMP	TO_15UG	76137	1	04291411.D	04/29/2014 19:14
2661904	C042914	MBLK	TO_15A+	R98457	1	04291412.D	04/30/2014 7:45
2662050	14041186-003A	SAMP	TO_15MG+	76112	10000	04291413.D	04/30/2014 8:27



**CLIENT:** Weston Solutions  
**Work Order:** 14041186  
**Project:** 20405.012.001.2301.00, Vogue Cleaners, Wauwatosa

**ANALYTICAL QC SUMMARY REPORT**

**BatchID:** R98457

Sample ID: MB042914-5	SampType: MBLK	TestCode: TO_15MG+	Units: mg/m <sup>3</sup>	Prep Date:	Run ID: VOA-5_140429A						
Client ID: ZZZZ	Batch ID: R98457	TestNo: TO-15		Analysis Date: 4/29/2014	SeqNo: 2662047						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Tetrachloroethene ND 0.0014

Sample ID: LCS042914-5 5.0	SampType: LCS	TestCode: TO_15MG+	Units: mg/m <sup>3</sup>	Prep Date:	Run ID: VOA-5_140429A						
Client ID: ZZZZ	Batch ID: R98457	TestNo: TO-15		Analysis Date: 4/29/2014	SeqNo: 2662048						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Tetrachloroethene 0.04117 0.0014 0.03391 0 121 70 130 0 0

Sample ID: LCSD042914-5 5.0	SampType: LCSD	TestCode: TO_15MG+	Units: mg/m <sup>3</sup>	Prep Date:	Run ID: VOA-5_140429A						
Client ID: ZZZZ	Batch ID: R98457	TestNo: TO-15		Analysis Date: 4/29/2014	SeqNo: 2662049						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Tetrachloroethene 0.0388 0.0014 0.03391 0 114 70 130 0.04117 5.94 25

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
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 \* - Non Accredited Parameter      H/HT - Holding Time Exceeded

**VOGUE CLEANERS SITE  
WAUWATOSA, WISCONSIN  
DATA VALIDATION REPORT**

**Date:** May 23, 2014

**Laboratory:** STAT Analysis Corporation (STAT), Chicago, Illinois

**Laboratory Project #:** 14041287

**Data Validation Performed By:** Lisa Graczyk, Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START)

**Weston Analytical Work Order #/TDD #:** 20405.016.001.1699.00/ S05-0001-1112-005

This data validation report has been prepared by WESTON START under the START III Region V contract. This report documents the data validation for one air sample collected for the Vogue Cleaners Site that was analyzed for the following parameters and U.S. Environmental Protection Agency methods.

- Volatile Organic Compounds (VOC) by TO-15

A level II data package was requested from STAT. The data validation was conducted in general accordance with the EPA "Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review" dated June 2008. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

**VOCs BY EPA METHOD TO-15**

**1. Samples**

The following table summarizes the samples for which this data validation is being conducted.

<b>Samples</b>	<b>Lab ID</b>	<b>Matrix</b>	<b>Date Collected</b>	<b>Date Analyzed</b>
VC-SB10 (2-4) -042814	14041287-001	Air	4/28/2014	4/29/2014

**2. Holding Times**

The samples were analyzed within the required holding time limit of 30 days from sample collection.

**3. Blanks**

A method blank was analyzed with the VOC analysis and was free of target compound contamination above the reporting limits. Methylene chloride was detected in the method blank below the reporting limit but above the method detection limit. Methylene chloride was not

Data Validation Report  
Vogue Cleaners Site  
STAT Analysis Corporation  
Laboratory Project #: 14041287

detected in the sample; therefore, no qualification was warranted and the data usability was not affected.

4. **Laboratory Control Sample (LCS) Results**

The LCS and LCS duplicate (LCSD) recoveries and relative percent differences (RPD) were within laboratory QC limits.

5. **Overall Assessment**

The VOC data are acceptable for use based on the information received.

Data Validation Report  
Vogue Cleaners Site  
STAT Analysis Corporation  
Laboratory Project #: 14041287

**ATTACHMENT**

**STAT ANALYSIS CORPORATION  
RESULTS SUMMARY**

**STAT** Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

May 15, 2014

Weston Solutions  
20 North Wacker Drive  
Chicago, IL 60606

Telephone: (312) 424-3339  
Fax: (312) 424-3330

Analytical Report for STAT Workorder: 14041287 Revision 1

RE: 20405.016.001.2301.77, Vogue Cleaners, Wauwatosa

Dear Lisa Graczyk:

STAT Analysis received 1 sample for the referenced project on 4/29/2014 2:50:00 PM. The analytical results are presented in the following report.

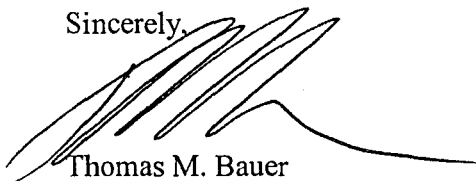
This report is revised to reflect changes made after the initial report was issued.

All analyses were performed in accordance with the requirements of 35 IAC part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Thomas M. Bauer  
General Manager

*The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.*

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**Client:** Weston Solutions  
**Project:** 20405.016.001.2301.77, Vogue Cleaners, Wauwatosa **Work Order Sample Summary**  
**Lab Order:** 14041287

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Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
14041287-001A	VC-SB10 (2-4)	-042814	4/28/2014 3:30:00 PM	4/29/2014

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: May 15, 2014

**ANALYTICAL RESULTS**

Print Date: May 15, 2014

<b>Client:</b>	Weston Solutions	<b>Client Sample ID:</b>	VC-SB10 (2-4) -042814
<b>Lab Order:</b>	14041287	<b>Tag Number:</b>	
<b>Project:</b>	20405.016.001.2301.77, Vogue Cleaners, Wauwato Collection Date 4/28/2014 3:30:00 PM		
<b>Lab ID:</b>	14041287-001A	<b>Matrix:</b>	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds in Air by GC/MS	TO-15				Prep Date: 4/30/2014	Analyst: BK
1,1,1-Trichloroethane	ND	0.0033		mg/m <sup>3</sup>	2	4/30/2014
1,1,2,2-Tetrachloroethane	ND	0.0041		mg/m <sup>3</sup>	2	4/30/2014
1,1,2-Trichloroethane	ND	0.0033		mg/m <sup>3</sup>	2	4/30/2014
1,1-Dichloroethane	ND	0.0024		mg/m <sup>3</sup>	2	4/30/2014
1,1-Dichloroethene	ND	0.0024		mg/m <sup>3</sup>	2	4/30/2014
1,2,4-Trichlorobenzene	ND	0.0045		mg/m <sup>3</sup>	2	4/30/2014
1,2,4-Trimethylbenzene	ND	0.0030		mg/m <sup>3</sup>	2	4/30/2014
1,2-Dibromoethane	ND	0.0046		mg/m <sup>3</sup>	2	4/30/2014
1,2-Dichlorobenzene	ND	0.0036		mg/m <sup>3</sup>	2	4/30/2014
1,2-Dichloroethane	ND	0.0024		mg/m <sup>3</sup>	2	4/30/2014
1,2-Dichloropropane	ND	0.0028		mg/m <sup>3</sup>	2	4/30/2014
1,3,5-Trimethylbenzene	ND	0.0030		mg/m <sup>3</sup>	2	4/30/2014
1,3-Butadiene	ND	0.0013		mg/m <sup>3</sup>	2	4/30/2014
1,3-Dichlorobenzene	ND	0.0036		mg/m <sup>3</sup>	2	4/30/2014
1,4-Dichlorobenzene	ND	0.0036		mg/m <sup>3</sup>	2	4/30/2014
1,4-Dioxane	ND	0.0054		mg/m <sup>3</sup>	2	4/30/2014
2-Butanone	0.013	0.0044		mg/m <sup>3</sup>	2	4/30/2014
2-Hexanone	ND	0.012		mg/m <sup>3</sup>	2	4/30/2014
4-Ethyltoluene	ND	0.0030		mg/m <sup>3</sup>	2	4/30/2014
4-Methyl-2-pentanone	ND	0.012		mg/m <sup>3</sup>	2	4/30/2014
Acetone	0.058	0.014	*	mg/m <sup>3</sup>	2	4/30/2014
Benzene	0.0021	0.0019		mg/m <sup>3</sup>	2	4/30/2014
Benzyl chloride	ND	0.0078		mg/m <sup>3</sup>	2	4/30/2014
Bromodichloromethane	0.0060	0.0040		mg/m <sup>3</sup>	2	4/30/2014
Bromoform	ND	0.016		mg/m <sup>3</sup>	2	4/30/2014
Bromomethane	ND	0.0058		mg/m <sup>3</sup>	2	4/30/2014
Carbon disulfide	ND	0.0019		mg/m <sup>3</sup>	2	4/30/2014
Carbon tetrachloride	ND	0.0038		mg/m <sup>3</sup>	2	4/30/2014
Chlorobenzene	ND	0.0028		mg/m <sup>3</sup>	2	4/30/2014
Chloroethane	ND	0.0016		mg/m <sup>3</sup>	2	4/30/2014
Chloroform	0.019	0.0029		mg/m <sup>3</sup>	2	4/30/2014
Chloromethane	ND	0.0031		mg/m <sup>3</sup>	2	4/30/2014
cis-1,2-Dichloroethene	ND	0.0024		mg/m <sup>3</sup>	2	4/30/2014
cis-1,3-Dichloropropene	ND	0.0027		mg/m <sup>3</sup>	2	4/30/2014
Cyclohexane	ND	0.0021		mg/m <sup>3</sup>	2	4/30/2014
Dibromochloromethane	ND	0.0051		mg/m <sup>3</sup>	2	4/30/2014
Dichlorodifluoromethane	0.0031	0.0030		mg/m <sup>3</sup>	2	4/30/2014
Ethyl acetate	ND	0.0022		mg/m <sup>3</sup>	2	4/30/2014

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Report Date: May 15, 2014

**ANALYTICAL RESULTS**

Print Date: May 15, 2014

<b>Client:</b>	Weston Solutions	<b>Client Sample ID:</b>	VC-SB10 (2-4) -042814
<b>Lab Order:</b>	14041287	<b>Tag Number:</b>	
<b>Project:</b>	20405.016.001.2301.77, Vogue Cleaners, Wauwato		
<b>Lab ID:</b>	14041287-001A	<b>Collection Date</b>	4/28/2014 3:30:00 PM
		<b>Matrix:</b>	Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Volatile Organic Compounds in Air by GC/MS	TO-15				Prep Date: 4/30/2014	Analyst: BK
Ethylbenzene	ND	0.0026		mg/m <sup>3</sup>	2	4/30/2014
Freon-113	ND	0.0046		mg/m <sup>3</sup>	2	4/30/2014
Freon-114	ND	0.021		mg/m <sup>3</sup>	2	4/30/2014
Heptane	ND	0.0025		mg/m <sup>3</sup>	2	4/30/2014
Hexachlorobutadiene	ND	0.0064		mg/m <sup>3</sup>	2	4/30/2014
Hexane	ND	0.0053		mg/m <sup>3</sup>	2	4/30/2014
Isopropyl Alcohol	ND	0.0074		mg/m <sup>3</sup>	2	4/30/2014
m,p-Xylene	ND	0.0052		mg/m <sup>3</sup>	2	4/30/2014
Methyl tert-butyl ether	ND	0.0022		mg/m <sup>3</sup>	2	4/30/2014
Methylene chloride	ND	0.021		mg/m <sup>3</sup>	2	4/30/2014
Naphthalene	ND	0.0031		mg/m <sup>3</sup>	2	4/30/2014
o-Xylene	ND	0.0026		mg/m <sup>3</sup>	2	4/30/2014
Propene	0.047	0.010		mg/m <sup>3</sup>	2	4/30/2014
Styrene	ND	0.0026		mg/m <sup>3</sup>	2	4/30/2014
Tetrachloroethene	ND	0.0041		mg/m <sup>3</sup>	2	4/30/2014
Tetrahydrofuran	ND	0.0044		mg/m <sup>3</sup>	2	4/30/2014
Toluene	0.0049	0.0023		mg/m <sup>3</sup>	2	4/30/2014
trans-1,2-Dichloroethene	ND	0.0024		mg/m <sup>3</sup>	2	4/30/2014
trans-1,3-Dichloropropene	ND	0.0027		mg/m <sup>3</sup>	2	4/30/2014
Trichloroethene	ND	0.0032		mg/m <sup>3</sup>	2	4/30/2014
Trichlorofluoromethane	ND	0.0034		mg/m <sup>3</sup>	2	4/30/2014
Vinyl acetate	ND	0.021		mg/m <sup>3</sup>	2	4/30/2014
Vinyl chloride	ND	0.0015		mg/m <sup>3</sup>	2	4/30/2014
Xylenes, Total	ND	0.0078		mg/m <sup>3</sup>	2	4/30/2014

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded



**STAT Analysis Corporation**

2242 W. Harrison Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386

e-mail address: STATinfo@STATAnalysis.com AIHA, NVLAP and NELAP accredited

**CHAIN OF CUSTODY RECORD**

N<sup>o</sup>:

Page: 1 of 1

Company: <u>Weston Solutions Inc.</u>		P.O. No.:	
Project Number: <u>20405-016-001-2301-74</u> Client Tracking No.:		<div style="background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); width: 100%; height: 100%; display: flex; align-items: center; justify-content: center;"> <p>VOCs, TD-15</p> </div>	
Project Name: <u>Vogue Cleaners</u>			Quote No.:
Project Location: <u>Wauwatosa, WI</u>			
Sampler(s): <u>Lisa Graczyk</u>			
Report To: <u>Lisa Graczyk</u> Phone: <u>312-724-3337</u>			
QC Level: 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/>		Turn Around: <u>2 weeks</u> Results Needed: _____ am/pm	
e-mail: <u>Lgraczyk@css-dynamac.com</u>			

Client Sample Number/Description	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	Remarks	Lab No.
<u>VC-5B10(2-4)-042814</u>	<u>4-28-14</u>	<u>1530</u>			<input checked="" type="checkbox"/>		<u>1</u>		<u>001</u>

Relinquished by: (Signature) <u>Lisa Graczyk</u>	Date/Time: <u>4/29/14 1218</u>	Comments:  Preservation Code: A = None B = HNO <sub>3</sub> C = NaOH D = H <sub>2</sub> SO <sub>4</sub> E = HCl F = 5035/EnCore G = Other	Laboratory Work Order No.:
Received by: (Signature) <u>[Signature]</u>	Date/Time: <u>4/29/14 1218</u>		<u>1404/287</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date/Time: <u>4/29/14 1450</u>		Received on Ice: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Received by: (Signature) <u>[Signature]</u>	Date/Time: <u>4/29/14 1450</u>		Temperature: _____ °C
Relinquished by: (Signature)	Date/Time:		
Received by: (Signature)	Date/Time:		

**Sample Receipt Checklist**

Client Name WESTON CHICAGO

Date and Time Received: 4/29/2014 2:50:00 PM

Work Order Number 140412870


Received by: JOK

Checklist completed by: 

Signature

Date

4/29/14

Reviewed by: 

Signature

Date

5/15/14

Matrix: Carrier name STAT Analysis

- Shipping container/cooler in good condition? Yes  No  Not Present
- Custody seals intact on shipping container/cooler? Yes  No  Not Present
- Custody seals intact on sample bottles? Yes  No  Not Present
- Chain of custody present? Yes  No
- Chain of custody signed when relinquished and received? Yes  No
- Chain of custody agrees with sample labels/containers? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container or Temp Blank temperature in compliance? Yes  No  Temperature Ambient °C
- Water - VOA vials have zero headspace? No VOA vials submitted  Yes  No
- Water - Samples pH checked? Yes  No  Checked by: \_\_\_\_\_
- Water - Samples properly preserved? Yes  No  pH Adjusted? \_\_\_\_\_

Any No response must be detailed in the comments section below.

-----

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Client / Person contacted: \_\_\_\_\_ Date contacted: \_\_\_\_\_ Contacted by: \_\_\_\_\_

Response: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# Analytical Run Summary

Run ID: VOA-5\_140430A (R98520)

Analyst: BK

Printed: 15-May-14

SeqNo	Sample ID	Type	Test Code	Batch	DF	File ID	Date/Time Analyzed
2663660	CCV043014-5 2.0	CCV	TO_15A+	R98520	1	04301401.D	04/30/2014 9:33
2663564	BFB043014-5	TUNE	BFB	R98520	1	04301401.D	04/30/2014 9:33
2663692	MB043014-5	MBLK	TO_15UG+	R98520	1	04301402.D	04/30/2014 10:08
2663661	MB043014-5	MBLK	TO_15A+	R98520	1	04301402.D	04/30/2014 10:08
2663684	MB043014-5	MBLK	TO_15MG+	R98520	1	04301402.D	04/30/2014 10:08
2663663	LCS043014-5 5.0	LCS	TO_15A+	R98520	1	04301403.D	04/30/2014 10:43
2663687	LCS043014-5 5.0	LCS	TO_15MG+	R98520	1	04301403.D	04/30/2014 10:43
2663694	LCS043014-5 5.0	LCS	TO_15UG+	R98520	1	04301403.D	04/30/2014 10:43
2663664	LCSD043014-5 5.0	LCSD	TO_15A+	R98520	1	04301404.D	04/30/2014 11:19
2663689	LCSD043014-5 5.0	LCSD	TO_15MG+	R98520	1	04301404.D	04/30/2014 11:19
2663695	LCSD043014-5 5.0	LCSD	TO_15UG+	R98520	1	04301404.D	04/30/2014 11:19
2663702	14041298-001A	SAMP	TO_15UG	76155	1	04301408.D	04/30/2014 14:35
2663691	14041287-001A	SAMP	TO_15MG+	76154	2	04301409.D	04/30/2014 15:29
2663676	14041285-001A	SAMP	TO_15A	76155	1	04301410.D	04/30/2014 16:44
2663696	14041288-001A	SAMP	TO_15UG+	76156	1	04301411.D	04/30/2014 17:20
2663697	14041288-002A	SAMP	TO_15UG+	76156	1	04301412.D	04/30/2014 17:55
2663698	14041288-003A	SAMP	TO_15UG+	76156	1	04301413.D	04/30/2014 18:30
2663705	14041298-002A	SAMP	TO_15UG	76155	1	04301414.D	04/30/2014 19:05
2663708	14041298-003A	SAMP	TO_15UG	76155	1	04301415.D	04/30/2014 19:40
2663709	14041298-004A	SAMP	TO_15UG	76155	1	04301416.D	04/30/2014 20:15

CLIENT: Weston Solutions  
 Work Order: 14041287  
 Project: 20405.016.001.2301.77, Vogue Cleaners, Wauwatosa

**ANALYTICAL QC SUMMARY REPORT**

BatchID: R98520

Sample ID: MB043014-5	SampType: MBLK	TestCode: TO_15MG+	Units: mg/m <sup>3</sup>	Prep Date:	Run ID: VOA-5_140430A						
Client ID: ZZZZ	Batch ID: R98520	TestNo: TO-15		Analysis Date: 4/30/2014	SeqNo: 2663684						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	ND	0.0011									
1,1,2,2-Tetrachloroethane	ND	0.0014									
1,1,2-Trichloroethane	ND	0.0011									
1,1-Dichloroethane	ND	0.00081									
1,1-Dichloroethene	ND	0.00079									
1,2,4-Trichlorobenzene	ND	0.0015									
1,2,4-Trimethylbenzene	ND	0.00098									
1,2-Dibromoethane	ND	0.0015									
1,2-Dichlorobenzene	ND	0.0012									
1,2-Dichloroethane	ND	0.00081									
1,2-Dichloropropane	ND	0.00092									
1,3,5-Trimethylbenzene	ND	0.00098									
1,3-Butadiene	ND	0.00044									
1,3-Dichlorobenzene	ND	0.0012									
1,4-Dichlorobenzene	ND	0.0012									
1,4-Dioxane	ND	0.0018									
2-Butanone	ND	0.0015									
2-Hexanone	ND	0.0041									
4-Ethyltoluene	ND	0.00098									
4-Methyl-2-pentanone	ND	0.0041									
Acetone	ND	0.0048									
Benzene	ND	0.00064									
Benzyl chloride	ND	0.0026									
Bromodichloromethane	ND	0.0013									
Bromoform	ND	0.0052									
Bromomethane	ND	0.0019									
Carbon disulfide	ND	0.00062									
Carbon tetrachloride	ND	0.0013									
Chlorobenzene	ND	0.00092									
Chloroethane	ND	0.00053									

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      E - Value above quantitation range  
 \* - Non Accredited Parameter      H/HT - Holding Time Exceeded

**CLIENT:** Weston Solutions  
**Work Order:** 14041287  
**Project:** 20405.016.001.2301.77, Vogue Cleaners, Wauwatosa

**ANALYTICAL QC SUMMARY REPORT**

**BatchID:** R98520

Sample ID: MB043014-5	SampType: MBLK	TestCode: TO_15MG+	Units: mg/m <sup>3</sup>	Prep Date:	Run ID: VOA-5_140430A
Client ID: ZZZZ	Batch ID: R98520	TestNo: TO-15		Analysis Date: 4/30/2014	SeqNo: 2663684

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	ND	0.00098									
Chloromethane	ND	0.0010									
cis-1,2-Dichloroethene	ND	0.00079									
cis-1,3-Dichloropropene	ND	0.00091									
Cyclohexane	ND	0.00069									
Dibromochloromethane	ND	0.0017									
Dichlorodifluoromethane	ND	0.00099									
Ethyl acetate	ND	0.00072									
Ethylbenzene	ND	0.00087									
Freon-113	ND	0.0015									
Freon-114	ND	0.0070									
Heptane	ND	0.00082									
Hexachlorobutadiene	ND	0.0021									
Hexane	ND	0.0018									
Isopropyl Alcohol	ND	0.0025									
m,p-Xylene	ND	0.0017									
Methyl tert-butyl ether	ND	0.00072									
Methylene chloride	0.00066	0.0069									J
Naphthalene	ND	0.0010									
o-Xylene	ND	0.00087									
Propene	ND	0.0034									
Styrene	ND	0.00085									
Tetrachloroethene	ND	0.0014									
Tetrahydrofuran	ND	0.0015									
Toluene	ND	0.00075									
trans-1,2-Dichloroethene	ND	0.00079									
trans-1,3-Dichloropropene	ND	0.00091									
Trichloroethene	ND	0.0011									
Trichlorofluoromethane	ND	0.0011									
Vinyl acetate	ND	0.0070									
Vinyl chloride	ND	0.00051									

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits              R - RPD outside accepted recovery limits              E - Value above quantitation range  
 \* - Non Accredited Parameter                                      H/HT - Holding Time Exceeded

**CLIENT:** Weston Solutions  
**Work Order:** 14041287  
**Project:** 20405.016.001.2301.77, Vogue Cleaners, Wauwatosa

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: R98520**

Sample ID: <b>MB043014-5</b>	SampType: <b>MBLK</b>	TestCode: <b>TO_15MG+</b>	Units: <b>mg/m<sup>3</sup></b>	Prep Date:	Run ID: <b>VOA-5_140430A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R98520</b>	TestNo: <b>TO-15</b>		Analysis Date: <b>4/30/2014</b>	SeqNo: <b>2663684</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Xylenes, Total ND 0.0026

Sample ID: <b>LCS043014-5 5.0</b>	SampType: <b>LCS</b>	TestCode: <b>TO_15MG+</b>	Units: <b>mg/m<sup>3</sup></b>	Prep Date:	Run ID: <b>VOA-5_140430A</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R98520</b>	TestNo: <b>TO-15</b>		Analysis Date: <b>4/30/2014</b>	SeqNo: <b>2663687</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	0.02793	0.0011	0.02728	0	102	70	130	0	0		
1,1,2,2-Tetrachloroethane	0.03276	0.0014	0.03434	0	95.4	70	130	0	0		
1,1,2-Trichloroethane	0.02804	0.0011	0.02728	0	103	70	130	0	0		
1,1-Dichloroethane	0.01979	0.00081	0.02024	0	97.8	70	130	0	0		
1,1-Dichloroethene	0.01939	0.00079	0.01982	0	97.8	70	130	0	0		
1,2,4-Trichlorobenzene	0.04178	0.0015	0.03711	0	113	70	130	0	0		
1,2,4-Trimethylbenzene	0.02876	0.00098	0.02458	0	117	70	130	0	0		
1,2-Dibromoethane	0.04072	0.0015	0.03842	0	106	70	130	0	0		
1,2-Dichlorobenzene	0.03271	0.0012	0.03006	0	109	70	130	0	0		
1,2-Dichloroethane	0.01947	0.00081	0.02024	0	96.2	70	130	0	0		
1,2-Dichloropropane	0.02274	0.00092	0.02311	0	98.4	70	130	0	0		
1,3,5-Trimethylbenzene	0.02758	0.00098	0.02458	0	112	70	130	0	0		
1,3-Butadiene	0.01035	0.00044	0.01106	0	93.6	70	130	0	0		
1,3-Dichlorobenzene	0.03283	0.0012	0.03006	0	109	70	130	0	0		
1,4-Dichlorobenzene	0.03271	0.0012	0.03006	0	109	70	130	0	0		
1,4-Dioxane	0.02076	0.0018	0.01802	0	115	70	130	0	0		
2-Butanone	0.01333	0.0015	0.01475	0	90.4	70	130	0	0		
2-Hexanone	0.0204	0.0041	0.02048	0	99.6	70	130	0	0		
4-Ethyltoluene	0.0292	0.00098	0.02458	0	119	70	130	0	0		
4-Methyl-2-pentanone	0.0179	0.0041	0.02048	0	87.4	70	130	0	0		
Acetone	0.01002	0.0048	0.01188	0	84.4	70	130	0	0		
Benzene	0.01438	0.00064	0.01597	0	90	70	130	0	0		
Benzyl chloride	0.02749	0.0026	0.02589	0	106	70	130	0	0		
Bromodichloromethane	0.03411	0.0013	0.0335	0	102	70	130	0	0		
Bromoform	0.05747	0.0052	0.05168	0	111	70	130	0	0		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      E - Value above quantitation range  
 \* - Non Accredited Parameter      H/HT - Holding Time Exceeded

**CLIENT:** Weston Solutions  
**Work Order:** 14041287  
**Project:** 20405.016.001.2301.77, Vogue Cleaners, Wauwatosa

**ANALYTICAL QC SUMMARY REPORT**

**BatchID:** R98520

Sample ID: LCS043014-5 5.0	SampType: LCS	TestCode: TO_15MG+	Units: mg/m <sup>3</sup>	Prep Date:	Run ID: VOA-5_140430A						
Client ID: ZZZZ	Batch ID: R98520	TestNo: TO-15		Analysis Date: 4/30/2014	SeqNo: 2663687						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	0.01903	0.0019	0.01942	0	98	70	130	0	0		
Carbon disulfide	0.01579	0.00062	0.01557	0	101	70	130	0	0		
Carbon tetrachloride	0.03529	0.0013	0.03146	0	112	70	130	0	0		
Chlorobenzene	0.02224	0.00092	0.02302	0	96.6	70	130	0	0		
Chloroethane	0.01087	0.00053	0.01319	0	82.4	70	130	0	0		
Chloroform	0.02407	0.00098	0.02441	0	98.6	70	130	0	0		
Chloromethane	0.008322	0.0010	0.01033	0	80.6	70	130	0	0		
cis-1,2-Dichloroethene	0.01971	0.00079	0.01982	0	99.4	70	130	0	0		
cis-1,3-Dichloropropene	0.02387	0.00091	0.02269	0	105	70	130	0	0		
Cyclohexane	0.01704	0.00069	0.01721	0	99	70	130	0	0		
Dibromochloromethane	0.04753	0.0017	0.04259	0	112	70	130	0	0		
Dichlorodifluoromethane	0.02487	0.00099	0.02473	0	101	70	130	0	0		
Ethyl acetate	0.0151	0.00072	0.01802	0	83.8	70	130	0	0		
Ethylbenzene	0.0234	0.00087	0.02171	0	108	70	130	0	0		
Freon-113	0.03809	0.0015	0.03832	0	99.4	70	130	0	0		
Freon-114	0.03411	0.0070	0.03495	0	97.6	70	130	0	0		
Heptane	0.01971	0.00082	0.02049	0	96.2	70	130	0	0		
Hexachlorobutadiene	0.06111	0.0021	0.05333	0	115	70	130	0	0		
Hexane	0.01995	0.0018	0.01762	0	113	70	130	0	0		
Isopropyl Alcohol	0.009464	0.0025	0.01229	0	77	70	130	0	0		
m,p-Xylene	0.0465	0.0017	0.04342	0	107	70	130	0	0		
Methyl tert-butyl ether	0.01911	0.00072	0.01803	0	106	70	130	0	0		
Methylene chloride	0.01553	0.0069	0.01737	0.00066	85.6	70	130	0	0		
Naphthalene	0.02867	0.0010	0.02621	0	109	70	130	0	0		
o-Xylene	0.02327	0.00087	0.02171	0	107	70	130	0	0		
Propene	0.007917	0.0034	0.008605	0	92	70	130	0	0		
Styrene	0.02466	0.00085	0.0213	0	116	70	130	0	0		
Tetrachloroethene	0.03852	0.0014	0.03391	0	114	70	130	0	0		
Tetrahydrofuran	0.01295	0.0015	0.01475	0	87.8	70	130	0	0		
Toluene	0.02031	0.00075	0.01884	0	108	70	130	0	0		
trans-1,2-Dichloroethene	0.01963	0.00079	0.01982	0	99	70	130	0	0		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      E - Value above quantitation range  
 \* - Non Accredited Parameter      H/HT - Holding Time Exceeded

CLIENT: Weston Solutions  
 Work Order: 14041287  
 Project: 20405.016.001.2301.77, Vogue Cleaners, Wauwatosa

**ANALYTICAL QC SUMMARY REPORT**

BatchID: R98520

Sample ID: LCS043014-5 5.0	SampType: LCS	TestCode: TO_15MG+	Units: mg/m <sup>3</sup>	Prep Date:	Run ID: VOA-5_140430A						
Client ID: ZZZZ	Batch ID: R98520	TestNo: TO-15		Analysis Date: 4/30/2014	SeqNo: 2663687						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	0.02074	0.00091	0.02269	0	91.4	70	130	0	0		
Trichloroethene	0.02859	0.0011	0.02687	0	106	70	130	0	0		
Trichlorofluoromethane	0.02882	0.0011	0.02809	0	103	70	130	0	0		
Vinyl acetate	0.01662	0.0070	0.01761	0	94.4	70	130	0	0		
Vinyl chloride	0.01309	0.00051	0.01278	0	102	70	130	0	0		
Xylenes, Total	0.06977	0.0026	0.06513	0	107	70	130	0	0		

Sample ID: LCS043014-5 5.0	SampType: LCS	TestCode: TO_15MG+	Units: mg/m <sup>3</sup>	Prep Date:	Run ID: VOA-5_140430A						
Client ID: ZZZZ	Batch ID: R98520	TestNo: TO-15		Analysis Date: 4/30/2014	SeqNo: 2663689						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2,2-Tetrachloroethane	0.03344	0.0014	0.03434	0	97.4	70	130	0.03276	2.07	25	
1,1,2-Trichloroethane	0.02837	0.0011	0.02728	0	104	70	130	0.02804	1.16	25	
1,1-Dichloroethane	0.01999	0.00081	0.02024	0	98.8	70	130	0.01979	1.02	25	
1,1-Dichloroethene	0.01955	0.00079	0.01982	0	98.6	70	130	0.01939	0.815	25	
1,2,4-Trichlorobenzene	0.04341	0.0015	0.03711	0	117	70	130	0.04178	3.83	25	
1,2,4-Trimethylbenzene	0.02915	0.00098	0.02458	0	119	70	130	0.02876	1.36	25	
1,2-Dibromoethane	0.04111	0.0015	0.03842	0	107	70	130	0.04072	0.939	25	
1,2-Dichlorobenzene	0.03331	0.0012	0.03006	0	111	70	130	0.03271	1.82	25	
1,2-Dichloroethane	0.01955	0.00081	0.02024	0	96.6	70	130	0.01947	0.415	25	
1,2-Dichloropropane	0.02297	0.00092	0.02311	0	99.4	70	130	0.02274	1.01	25	
1,3,5-Trimethylbenzene	0.02792	0.00098	0.02458	0	114	70	130	0.02758	1.24	25	
1,3-Butadiene	0.01046	0.00044	0.01106	0	94.6	70	130	0.01035	1.06	25	
1,3-Dichlorobenzene	0.03337	0.0012	0.03006	0	111	70	130	0.03283	1.63	25	
1,4-Dichlorobenzene	0.03337	0.0012	0.03006	0	111	70	130	0.03271	2.00	25	
1,4-Dioxane	0.01712	0.0018	0.01802	0	95	70	130	0.02076	19.2	25	
2-Butanone	0.01324	0.0015	0.01475	0	89.8	70	130	0.01333	0.666	25	
2-Hexanone	0.0177	0.0041	0.02048	0	86.4	70	130	0.0204	14.2	25	
4-Ethyltoluene	0.02959	0.00098	0.02458	0	120	70	130	0.0292	1.34	25	
4-Methyl-2-pentanone	0.01663	0.0041	0.02048	0	81.2	70	130	0.0179	7.35	25	
Acetone	0.01	0.0048	0.01188	0	84.2	70	130	0.01002	0.237	25	

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 \* - Non Accredited Parameter      H/HT - Holding Time Exceeded



**CLIENT:** Weston Solutions  
**Work Order:** 14041287  
**Project:** 20405.016.001.2301.77, Vogue Cleaners, Wauwatosa

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: R98520**

Sample ID: LCSD043014-5 5.0	SampType: LCSD	TestCode: TO_15MG+	Units: mg/m <sup>3</sup>	Prep Date:	Run ID: VOA-5_140430A						
Client ID: ZZZZ	Batch ID: R98520	TestNo: TO-15		Analysis Date: 4/30/2014	SeqNo: 2663689						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.0145	0.00064	0.01597	0	90.8	70	130	0.01438	0.885	25	
Benzyl chloride	0.02827	0.0026	0.02569	0	109	70	130	0.02749	2.79	25	
Bromodichloromethane	0.03451	0.0013	0.0335	0	103	70	130	0.03411	1.17	25	
Bromofom	0.0582	0.0052	0.05168	0	113	70	130	0.05747	1.25	25	
Bromomethane	0.01922	0.0019	0.01942	0	99	70	130	0.01903	1.02	25	
Carbon disulfide	0.01591	0.00062	0.01557	0	102	70	130	0.01579	0.786	25	
Carbon tetrachloride	0.03548	0.0013	0.03146	0	113	70	130	0.03529	0.533	25	
Chlorobenzene	0.02247	0.00092	0.02302	0	97.6	70	130	0.02224	1.03	25	
Chloroethane	0.011	0.00053	0.01319	0	83.4	70	130	0.01087	1.21	25	
Chloroform	0.02417	0.00098	0.02441	0	99	70	130	0.02407	0.405	25	
Chloromethane	0.008487	0.0010	0.01033	0	82.2	70	130	0.008322	1.97	25	
cis-1,2-Dichloroethene	0.01994	0.00079	0.01982	0	101	70	130	0.01971	1.20	25	
cis-1,3-Dichloropropene	0.02419	0.00091	0.02269	0	107	70	130	0.02387	1.32	25	
Cyclohexane	0.01731	0.00069	0.01721	0	101	70	130	0.01704	1.60	25	
Dibromochloromethane	0.04762	0.0017	0.04259	0	112	70	130	0.04753	0.179	25	
Dichlorodifluoromethane	0.02473	0.00099	0.02473	0	100	70	130	0.02487	0.598	25	
Ethyl acetate	0.01528	0.00072	0.01802	0	84.8	70	130	0.0151	1.19	25	
Ethylbenzene	0.02371	0.00087	0.02171	0	109	70	130	0.0234	1.29	25	
Freon-113	0.03816	0.0015	0.03832	0	99.6	70	130	0.03809	0.201	25	
Freon-114	0.03467	0.0070	0.03495	0	99.2	70	130	0.03411	1.63	25	
Heptane	0.01988	0.00082	0.02049	0	97	70	130	0.01971	0.828	25	
Hexachlorobutadiene	0.0625	0.0021	0.05333	0	117	70	130	0.06111	2.24	25	
Hexane	0.02023	0.0018	0.01762	0	115	70	130	0.01995	1.40	25	
Isopropyl Alcohol	0.009464	0.0025	0.01229	0	77	70	130	0.009464	0	25	
m,p-Xylene	0.04694	0.0017	0.04342	0	108	70	130	0.0465	0.929	25	
Methyl tert-butyl ether	0.01918	0.00072	0.01803	0	106	70	130	0.01911	0.377	25	
Methylene chloride	0.01563	0.0069	0.01737	0.00066	86.2	70	130	0.01553	0.669	25	
Naphthalene	0.02993	0.0010	0.02621	0	114	70	130	0.02867	4.29	25	
o-Xylene	0.02362	0.00087	0.02171	0	109	70	130	0.02327	1.48	25	
Propene	0.008106	0.0034	0.008605	0	94.2	70	130	0.007917	2.36	25	
Styrene	0.02509	0.00085	0.0213	0	118	70	130	0.02466	1.71	25	

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 \* - Non Accredited Parameter      H/HT - Holding Time Exceeded

**CLIENT:** Weston Solutions  
**Work Order:** 14041287  
**Project:** 20405.016.001.2301.77, Vogue Cleaners, Wauwatosa

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: R98520**

Sample ID: LCSD043014-5 5.0	SampType: LCSD	TestCode: TO_15MG+	Units: mg/m <sup>3</sup>	Prep Date:	Run ID: VOA-5_140430A						
Client ID: ZZZZ	Batch ID: R98520	TestNo: TO-15		Analysis Date: 4/30/2014	SeqNo: 2663689						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	0.03852	0.0014	0.03391	0	114	70	130	0.03852	0	25	
Tetrahydrofuran	0.01301	0.0015	0.01475	0	88.2	70	130	0.01295	0.455	25	
Toluene	0.02046	0.00075	0.01884	0	109	70	130	0.02031	0.739	25	
trans-1,2-Dichloroethene	0.01998	0.00079	0.01982	0	101	70	130	0.01963	1.80	25	
trans-1,3-Dichloropropene	0.02101	0.00091	0.02269	0	92.6	70	130	0.02074	1.30	25	
Trichloroethene	0.0288	0.0011	0.02687	0	107	70	130	0.02859	0.749	25	
Trichlorofluoromethane	0.0286	0.0011	0.02809	0	102	70	130	0.02882	0.783	25	
Vinyl acetate	0.01746	0.0070	0.01761	0	99.2	70	130	0.01662	4.96	25	
Vinyl chloride	0.01334	0.00051	0.01278	0	104	70	130	0.01309	1.93	25	
Xylenes, Total	0.07051	0.0026	0.06513	0	108	70	130	0.06977	1.05	25	

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
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